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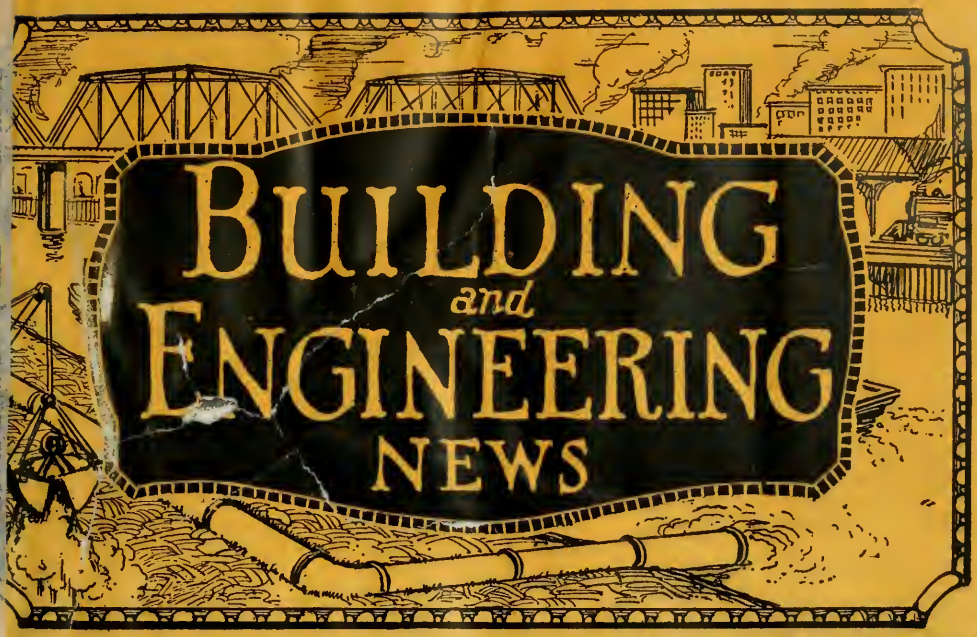

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SAN FRANCISCO, CALIF., JANUARY 5, 1924

Published Every Saturday
Twenty-fourth Year No. 1

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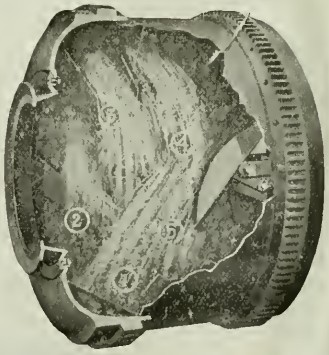

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., JANUARY 5, 1924 — Twenty-fourth Year No. 1

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1924 CONSTRUCTION OUTLOOK

What will be the construction program in 1924? Jas. B. Carrington, editor of Architecture, estimates that during the first four months of 1924 the building situation will carry on at about its present gait, which can be reckoned at around 15% higher than in December, 1922, and January, 1923. At the beginning of the Spring season there will be a noticeably increased activity, which should carry on for several months. All indications for the Fall and Winter months of 1924 point to even more building than at the present time.

The building outlook for 1924 can be termed as very good, but this does not mean that there will be abnormal boom conditions. Many of the splurges in the construction field in the past have been neither healthy nor normal.

A comprehensive estimate for 1924, according to Carrington, shows that of the total expenditure for construction approximately:

34% or $1,400,000,000 for residential building.

20% of $840,000,000 for public buildings and utilities.

18% of $750,000,000 for business building.

15% or $630,000,000 for educational building.

8% or $335,000,000 for industrial building.

5% or $210,000,000 for all other classes.

LOCAL JAPANESE ORGANIZE CONSTRUCTION COMPANY

Japanese and Americans of San Francisco have organized a $2,500,000 corporation under the laws of Nevada, for the purpose of securing contracts for the rebuilding of the earthquake-ruined cities of Japan with American materials under the direction of American engineering and construction firms.

The charter of the company, known as the American Building Supply Company, was issued December 13.

Kenji Kanamaru, for three years correspondent here for the "Japan Advertiser," is manager of the company. He says $50,000 of stock has been subscribed, and that stock in the corporation will be sold on a strictly 50-50 basis to Americans and Japanese

I. Nakashima, its president, will sail for Tokyo January 5 on the Siberia Maru to solicit contracts from the Japanese Government for road, bridge and general building construction to be sublet to American firms.

The officers and directors of the new company are: I. Nakashima, president; Ernest Schaeffle, vice president; Kenji Kanamaru, secretary-treasurer; Y. Okuno and D. A. Knapp.

The reason for the organization of the company in Nevada instead of California, according to Kanamaru, is that Nevada laws give the company wider latitude in its operation than the California laws.

IRRIGATION REFERENCES ARE PUBLISHED

To assist the irrigation specialist who desires to keep abreast with the information on his subject and also to interest farmers, students, engineers, lawyers, and the general public in a proader knowledge of the historical background of the development and practice of irrigation in California, Circular No. 260, entitled, "Selected List of References Relating to Irrigation in California," has been issued by the University of California Agricultural Experiment Station.

The references have been compiled by Miss Reid Venable of the office of the Division of Irrigation Investigations and Practice of the College of Agriculture. Each publication listed is given a number by means of which reference is made to it in a subject index at the back. This index facilitates the location of publications relating to any particular phase of the subject of irrigation, such as pumping plants, rice irrigation, irrgation districts, and so on. Variation in size of type and the use of heavy black type for the names of departments or offices issuing the publications also make for ready use of the list.

Irrigation touches practically every field of California agriculture and as a result a very considerable literature on the subject has accumulated. Most of the publications and articles included in Circular No. 260 are available in the Library of the University of California at Berkeley, although a number of other libraries were searched in preparing the list. A copy may be secured by addressing the director of Agricultural Experiment Station, Berkeley.,

IMMIGRATION CUT TOO DRASTIC FOR INDUSTRY

While the construction industry may be much in favor of changing the immigration law to a quota based on the 1890 census so as to allow a greater proportion of immigrants to come from the North European countries, it may be consistently opposed to the new provision cutting down the percentage quota from 3 per cent to 2 per cent, even with the addition of a basic allowance of 400 immigrants per country and an additional 2 per cent for blood relatives.

American industry needs the workers from northern Europe. These home seeking, home building men and women are an asset to any country to which they go. Many of them are skilled tradesmen, and all of them readily apply themselves to raise their standing of living, improve their social status, and develop normally into genuine citizens of high type. They do not readily herd into slums, they do not allow themselves to be used to beat down prevailing standards of living, nor do they come here with the sole idea of scraping together a sum of money by hook and crook in order to return to their native lands to spend it.

As prospective home builders they soon come into the market for buildings; as skilled workmen they help to make up for the lack of craftsmen now restricting industry. In every particular these people are an advantage to this country and, stead of having restrictions placed on them, they should be offered every inducement to come here and stay.

The 2 per cent quota provision in the proposed new laws is too small. A 4 per cent provision would still act as a restrictive factor, but at least would allow enough of these desirable people to come over to stimulate our industries and yet prevent the induction of more foreign born persons than could rapidly be assimilated. The construction industry would serve its own interests by taking a sharp stand in favor of a 4 per cent quota based on the census of 1890, with an additional 2 per cent allowance for blood relatives and a basic extra quota of 400 from each country. — American Contractor.

NO DEVELOPMENTS IN SANTA ROSA CONTROVERSY

No action was taken at the special meeting of the Sonoma County Building Trades Council, held to consider the matter of wages paid to workers on the new Santa Rosa high schools, now under construction.

The meeting was called as the result of the alleged action of the contractors, Hannah Bros., in setting $5 a day as the scale for laborers, when the local union scale is $6.

After the meeting it was said that the matter was considered at some length and that it was decided to name a committee to take up the matter, both with the Board of Education and Hannah Bros in an effort to reach an amicable settlement.

The committee will consist of J. W. Harlow, president of the Sonoma County Building Trades' Council; Arthur Mooney of San Francisco, district organizer of the Carpenters' Union, and a third member to be named by Harlow.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Heavy demands for lumber are putting the production of Oregon and Washington camps and mills behind schedule, despite the fact that operation has been speeded to as high as 26 per cent above normal during the past year, according to the report of the West Coast Lumbermen's Association. The organization predicts that the 1923 production figures will be exceeded in 1924. During the first 50 weeks of 1923 the exportation of lumber from the two states was greater than the amount cut.

Hearing of the application of the East Bay Water Company for approval of its San Leandro dam and reservoir project, involving approximately $3,000,000, will come before the state railroad commission, sitting en banc, at 10 A. M., January 7. The project includes construction of a large dam to impound approximately 130,000,000 gallons of water for East Bay service.

Request for an export rate on lumber shipments from Spokane to the Pacific coast, of 15 cents per 100 pounds, has been made by lumber interests in Washington of railroads serving the Spokane section. The present rate of 28½ cents a hundred does not permit lumbermen of the inland empire to compete with coast interests in the export of their product.

The first move to establish a labor bank in San Francisco was taken by the San Francisco Labor Council, when resolutions were unanimously adopted instructing President George S. Hollis to appoint a committee of eleven members to investigate and report on the feasibility of opening such a bank. The resolutions were introduced by the delegates from the Moulders' Union.

Pacific Lumber Company has offered to the State Board of Forestry a 300-acre redwood tract adjoining the Humboldt State Park. A hearing will be held February 4 in San Francisco to determine whether there is any objection to the state accepting the gift. The grove is valued at more than $150,000.

Directors of the Southern California Retail Lumber Dealers' Association and the California Retail Lumbermen's Association met at Fresno, Dec. 15, to arrange the details of the amalgamation voted for at the last convention, of the former organization. It will probably be consummated during January.

Oakland city attorney rules that city council cannot appropriate $610,000 to finance installation of water mains in accordance with an agreement with that body and the East Bay Water Co.

Fresno city commissioners contemplate a bond issue to finance various improvements, including a $500,000 storm sewer system.

Wm. Wrigley Jr. will spend approximately $2,500,000 in improvements at Los Angeles harbor and Catalina Island.

City and County of San Francisco has purchased 300-acre site in San Mateo county, near Redwood City, and will establish a tuberculosis preventorium.

Carl Ewa[illegible] Francisco civil engineer [illegible] 3 [illegible] New York, where he will [illegible] president of the American [illegible] Engineers at the [illegible] first annual meeting of that bo[illegible] Jan. 16. En route he wi[illegible] ton, D. C., where [illegible] special conference cal[illegible] tional Council Federated [illegible] gineering Societies on J[illegible] consider the establishmen[illegible] tional Department of Public [illegible].

An appeal to manufacturers t[illegible] out the country to give more at[illegible] to the elimination of excess var[illegible] during 1924 is contained in a pamph[illegible] just issued by the Fabricated P[illegible] tion Department of the Cha[illegible] Commerce of the United S[illegible] department suggests the [illegible] turers who have not al[illegible] undertake to simplify [illegible] their products at the [illegible] period.

February 9 is the date [illegible] the formation of the proposed [illegible] oaquin Water Storage District wl[illegible] will include lands in Madera, Mer[illegible]ed, Fresno and Stanislaus Counties. Should the voters approve of its formation, an election will be held to vote bonds of approximately $30,000,000 to finance construction of a huge reservoir at Millerton in addition to other works in the district.

Washington stands third in number of thousands of kilowatt hours of electricity produced in the United States according to the Department of Interior's geological survey. Washington produced 102,418 thousands of kilowatt hours during October, Montana 84,505, Idaho 52,044 and Oregon 32,623.

Representative Raker of California has introduced a bill authorizing and directing the public printer to provide a pulp and paper mill or mills for the manufacture of print paper for the Government with daily capacity of not less than 50 tons of paper and to be located on the Pacific coast.

The Santa Fe R. R. has ordered the double-tracking of 40 miles of railroad between Hicks, 12 miles south of Barstow, and the summit of Cajon Pass. This is the last gap in the double track system between Winslow, Ariz. and San Bernardino.

The W. W. Prather Lumber Company with headquarters at Lakeport, Calif., will construct a three mile-logging road from the mountain sides to the company's mill. Equipment is being assembled. The road will be narrow gauge type, 36-lb. rail.

Merner Lumber Co. of Palo Alto has been incorporated with a capital stock of $100,000 and will engage in the sale of lumber and building materials. Directors of the company are: Paul Merner, Garfield D. Merner and D. W. Merner.

Private interests plan the erection of a $300,000 auditorium and ice arena in Seattle, according to announcement of Pete Muldoon, manager of the Seattle Hockey Club.

ALONG THE LINE

Announcem[illegible] t [illegible] he appointment [illegible] District engineer [illegible] Association [illegible] ngeles office. [illegible] engi[illegible] ity of [illegible] ected [illegible] Edison [illegible] road [illegible] engineer. [illegible] two [illegible] he [illegible] staff of the Por[illegible] Cem[illegible] as [illegible] er.

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Starr-Thebo-Anderson [illegible] engineers for the Merced [illegible] trict in Merced County [illegible] and directors of the d[illegible] sidering the appointmen[illegible] gineer. It is probable [illegible] tion will be given to R. [illegible] gineer for the Turlock [illegible] trict.

W. W. Patch, division [illegible] the State Highway Com[illegible] headquarters in Los Angeles, has resigned. Patch, who has been with the commission for the past nine years, is giving up his post to engage in private business.

J. F. Shaughnessy, chairman of the Public Service Commission of Nevada State, has been appointed a member of the executive committee of the National Association of Railroad & Utilities Commissioners for the year 1924.

City of Tacoma on Jan. 21 will consider bids for the purchase of a $4,000,000 bond issue, the proceeds of the sale to finance construction of the first unit of the Lake Cushman power project.

City of Santa Barbara is advertising for a city manager and will consider applications for the position until Jan. 30. The present salary is $4,000, but applicants are asked to state the salary expected.

Jas. M Evans, formerly with the Pacific Gas & Electric Co., has been appointed City Electrical Inspector at Modesto. Evans succeeds Geo. Potts, resigned.

Utah Construction Company of San Francisco awarded contract by Southern Pacific for 32 miles of roadbed and 3700 feet of tunnel in Oregon, the second unit of the Natron Cut-Off.

J. C. Fortier, chief engineer of the Delhi Land Settlement Colony at Delhi, Merced County, since August 1921, has completed his work as chief of the engineering department of the project.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

ALAMEDA COUNTY BUILDERS HOLD ANNUAL JINKS

The third annual Christmas Tree Party and High Jinks of the Builders' Exchange of Alameda County was held in the exchange quarters, 351 Twelfth street, Oakland, Friday evening, Dec. 28.

Representatives from San Francisco, Richmond, Sacramento and other points in Central California attended and the affair was voted the greatest in the history of the exchange.

E. M. Tilden, president of the exchange, in offering his annual report, just previous to the entertainment program, brought out some interesting facts regarding one of the fast growing cities in the Bay district, "Oakland." In his report, President Tilden called attention to the fact that building permits issued in Oakland during the year 1923 totaled over 170 per cent above the average yearly construction program for the past three years—that is, totaling 1920 with $9,500,000; 1921 with $15,800,000 and 1922 with $24,468,863 or an average of $16,589,621 per year.

Permits taken out in Berkeley in 1923, Tilden's report showed, will exceed $7,000,000 Al;ameda over $2,000,000; Piedmont approximately $2,000,000; Emeryville close to $1,000,000 and San Leandro over $750,000; Albany over $500,000. In fact, Tilden reports, Alameda county will exceed $40,000,000 in building for the year 1923.

President Tilden particularly called the attention of the members to the fact that construction practically doubled the year following the adoption of the American Plan. Since its adoption, Tilden reported, the operations have been on the upward stride. This has been the experience of other cities throughout the country, Tilden declared. Capital, Tilden says, will not invest in a community where it must contend with strictly closed shop conditions.

The Exchange Employment Bureau submitted an interesting report showing that 6,551 skilled craftsmen were placed on jobs during the year.

Following the reading of the reports, President Tilden thanked the various commttees for their labors during the past year and closed his address with a "Happy and Prosperous New Year" to all the building industry in the Northern California section.

The Jinks Program was then featured. Refreshments were served and prizes distributed. In all, a total of 133 door prizes, were awarded ranging from a keg of nails to a ton of coal.

NEW MEMBERS FOR A. A. E.

Twelve new memberships have been taken out in the Fresno Chapter, American Association of Engineers, as the result of a drive now being conducted by a committee under James A. Chapman.

Due to the fact that the annual convention of the National Association will convene in San Francisco, probably on June 11, engineers of California are expected to be especially interested in joining the organization, according to Jas. M. Buswell, secretary of the Fresno chapter.

PAINTERS TO CONVENE

The Master Painters' and Decorators' Association of California will assemble in Berkeley January 10 to 12 for the annual convention of the organization.

The sessions will be held in the Sciots' Hall while the headquarters will be at the Hotel Whitecotton, according to an announcement of C. E. Irwin, general chairman of the convention committee.

The sub-committees to arrange for the annual meeting is as follows:

Program—Bert Johnson, John Heritage, Carl Freiberg, C. E. Irwin.

Entertainment—A. Van Heerden, J. Realy, H. McManus, Carl Freiberg.

Reception—C. Sparwasser, E. E. Simmons, Ben Rutgers.

Papers for Convention—N. McDonald.

Signs and advertising—John Heritage, W. Chalmers.

Banquet and reservation—Carl Freiberg, C. Irwin, A. Johnson, C. Burr, N. E. Smith, R. J. York.

Officers of the state association are: H. McManus president; R. V. Germain, vice-president; G. Bowen, vice-president; W. H. Wooley, secretary; Max Cohn, treasurer; Herman Axt, sergeant-at- arms.

Executive Board: A. D. Sutherland, C. B. Sovig, John Heritage, Charles Sparwasser, Charles Burr, R. Postler, B. F. Gurnett, Peter Bigota, B. Gallischotti, Carl L. Freiberg, O. F. Tallman, L. F. Danforth, R. P. Tuttle, Horace H. Mann, P. Schwenzfler, A. Pearson, Clyde E. Simmonds, Frank Dixon.

WASHINGTON ARCHITECTS NOMINATE

The Washington state chapter of the American Institute of Architects has nominated the following candidates for election as officers of the chapter on January 12, 1924:

President, James H. Schack; first vice president, A. H. Albertson; second vice president, Herbert A. Bell, Tacoma; third vice president, Geo. H. Keith, Spokane; secretary, William G. Brust; treasurer, Carl Siebrand; member of executive committee, Sherwood D. Ford; delegates to the institute convention, the president and secretary, ex-officio, and Albert Held and Carl Siebrand.

ENGINEERS ELECT OFFICERS

Los Angeles Section, American Society of Civil Engineers, has chosen the following officers to serve for 1924:

Franklin Thomas, president; Samuel B. Morris, vice-president; C. E. Noerenberg, vice-president; Floyd G. Dessery, secretary; Edward R. Bowen, treasurer. These officers and Ralph J. Reed, past president, and Franklin D. Howell, past president, comprise the board of directors.

HAWAII REGISTRATION

Of the seven men appointed by the governor on the board of registration for professional engineers, architects and surveyors, for the territory of Hawaii, four are members of the Honolulu Chapter American Association of Engineers: President, G. B. Watkins; retiring president, T. J. McGrath; vice president, G. F. Wright; secretary-treasurer, R. D. King.

ANNUAL HIGH JINKS

Al Pape, chairman of the committee of arrangements, in charge of the Annual New Year Jinks of the San Francisco Builders' Exchange, reports the entertainment committee is arranging for a program that will knock the builders for a row of fireproof buildings.

As a feature of the entertainment program, Al has arranged to put on a prize cake walk and to secure first class competition has secured two beautiful trophies to be awarded in the event. Young damsels, picked from California's finest, will be supplied the male participants in the contest. To date the following members of the San Francisco Builders' Exchange have filed for entry: Mike Gnecco, Chas. Monson and Chas. Terranova.

To assure all participants that the dance will have to be "up to snuff," Pape announces himself one of the judges ably assisted by Chappy Reed and Pat Meherin.

On addition to the prize waltz, Pape is arranging to stage thirty-two acts consisting of home talent and professional talent from San Francisco's leading show houses.

The jinks will be staged January 19. Keep the date open and spend the evening with the builders who are famous as entertainers.

ASSOCIATED GENERAL CONTRACTORS TO SEEK LOWER COSTS

Reduction of construction costs is to be sought by thousands of contractors who will be in attendance or will be represented at the fifth annual meeting of the Associated General Contractors of America, to be held in Chicago, January 21, 22, 23 and 24. Leaders of the construction industry and noted observers of economic situations peculiar to building operations will address the general sessions.

Realizing that their interests, as well as a service to the public, call for an elimination as far as possible of the present "spring and spurt" construction season, the contractors are going to enter into diligent and intensive efforts to do three things: arrive at means of producing maximum efficiency for operations under favorable weather conditions, increase the volume of winter construction and, encourage storage of construction materials during periods when operations are at ebb tide.

BUILDERS ELECT DIRECTORS

Following directors were elected at a recent meeting of the Builders' Exchange of Alameda County: E. M. Tilden, president of the organization; Geo. G. Jamieson, T. D. Sexton, Sam D. North, W. J. Rigney, Harry Beckwith, E. B. Stoddard, Harry McManus, Horace D. Jones, G. Walter Spencer, L. C. Fraser, James B. McKeon and H. E. Nelson polled a tie vote and will draw lots for the honor of sitting on the board.

(Continued on Page 12)

What the Highway Commission Has Done And Is Doing

By HARVEY M. TOY, Chairman State Highway Commission

Despite the handicaps under which the present California Highway Commission and its engineering forces have been working during the past year, 1923 has been one of the biggest years, to date, in the history of road building in California.

Highways completed and accepted during the year aggregate 428 miles, of which 142 miles were grading and surfacing, and 89 miles reconstructed pavements.

Contracts are in force at the present time and bids are in the office for 346 additional miles, of which 196 are grading and surfacing, and 57 reconstruction of pavements or grade.

Expenditures for the year reached $15,542,928.76 on December 15, 1923. Of this sum, approximately $12,000,000 bond funds spent for new construction and $3,500,000 was motor vehicle receipts expended for maintenance and improvements.

Federal aid collected during the year amounted to $3,011,656.45.

The amount expended on maintenance during 1923 is the largest annual expenditure for this work yet made by the State Highway Department and is evidence of the Commission's determination to build up a thorough going maintenance department in all sections of the State. In this we have the hearty co-operation of the State Highway Engineer.

Forty-five parcels of land for maintenance stations and repair shops have been acquired throughout the State after careful study of the locations. They represent an aggregate present value of $328,000. Three new divisions have been created during the year to facilitate the work.

It is the opinion of the writer that never before have California highways been maintained as well as during 1923. The building up of this department has only just begun but we are determined that in the future it shall be a big feature of the highway work.

The present Commission came into office in January, a year ago. It found uncompleted gaps in trunk lines and important interstate connections, and, at the same time, millions of dollars obligated on relatively unimportant roads. The bond act of 1919 has been interpreted to mean that $20,000,000 must be expended on new roads and $20,000,000 on the former highways.

Bearing in mind the mandates of law, we have endeavored to concentrate available funds as far as possible on main lines and more important highways. Before taking action, however, we made personal inspection of the highways. The Commissioners during the year have traveled 15,000 miles often accompanied by the Governor and the State Highway Engineer.

Our decisions have been reached after we have been over the ground and have discussed the situation with our engineers and those interested in the various roads.

This first year of our activity as Highway Commissioners finds us pretty well determined upon the following policies:

1. Completion of the main trunk lines and interstate connections;

2. Thorough maintenance of completed highways and their betterment by widening of cuts, elimination of sharp curves, grade crossings, and other dangers as fast as possible;

3. A study of local conditions and the designing of pavements and road types to meet conditions rather than the standardization of a single design for general use throughout the State;

4. Wider and thicker pavements that will stand up under modern traffic; (A minimum of twenty feet in width on main lines and eighteen feet elsewhere);

5. Widening and thickening of the fifteen foot pavements heretofore constructed as fast as necessary funds become available.

Our determination to complete main trunk lines led us to the conviction that the State had an undischarged obligation to maintain certain unconstructed interstate connections over which traffic into the State was forced to come. Accordingly, we have taken over for maintenance, in addition to other roads, nearly 300 miles of interstate connections during 1923, bringing the mileage under State jurisdiction to 4,500 miles in December as against 3,900 a year ago.

We regarded this obligation as particularly pressing in southern California where the Victorville to Needles Highway via Barstow will be maintained by the State in the future.

Our program of new construction and reconstruction for 1924 will total probably $15,000,000 but beyond that refinancing for primary construction will be necessary.

We face the new year with confidence. We feel that great progress has been made during 1923 toward higher standards and an efficient reorganization of the State Highway Department.

Everywhere we have gone throughout the State the people want roads. There can be on denying such a universal demand and we are confident that the people of California will find a way to provide the necessary funds to complete the highways.

It is our purpose to see that they are built well and as rapidly as the means at hand will permit. In that endeavor we invite the support and co-operation of all the people of the State.

By R. M. MORTON, State Highway Engineer

As Chief Engineer of the California Highway Commission I welcome, on the part of the Highway Commissioners and myself and on the part of the scores of engineers in our Department who fill executive positions, and on the part of the hundreds of additional engineering employees, the opportunity to state to the members of this great and influential organization that the highway work in this State has behind it and is proceeding according to well defined general policies, which are essential to the ultimate and successful completion of our system of State roads, and the successful handling of the immense traffic which is immediately before us.

The Present Situation

Before proceeding to an outline of what the present Commission hopes to accomplish together with general policies adopted. I will briefly state the present situation pertaining to the California highway system.

The total length of highways in the state system, including unconstructed roads, is about 6,400 miles. This system has been built up from time to time by the mandates of bond issue enactments, approved by the electors of the State, and by Legislative action. The State highway mileage is slightly less than 10% of the estimated total public highway mileage of the State.

The interpretation of the provisions of the First Bond Act formed the nucleus of the present State highway system with a total of 3,082 miles of highway. As a result of the Second Bond Issue, voted in 1915, 680 additional miles were added. The 1919 Bond Issue brought 1,798 miles into the system. By legislative enactment, the mountain highways under maintenance by the State prior to 1910, and other roads to a total length of about 840 miles have been added. This last item has been added to the system with practically no appropriation for construction.

Constructed Mileage

By the end of this year there have been constructed 920 miles of grading with or without rock or gravel surface. There have been constructed 2,035 miles of grading with concrete or other hard surfaced pavement. 267 miles constructed by the counties have been added to the system on which no work has yet been done by the State, making a total of 2,302 miles of pavements. This leaves a total of 3,178 miles, practically fifty per cent of the system upon which no work has as yet been done except from incomplete surveys.

Of the paved mileage, including both State Highway construction and that taken over from the counties, 305 miles have already been reconstructed or are provided for in existing contracts.

Leaving out of account reconstruction requirements, the estimate of the Highway Department for the completion of the State Highway system prepared last spring for the Legislature, which included paving on about 1,000 additional miles and grading and surfacing on the balance, amounted to slightly over 200 million dollars. It is recognized that the traffic increases during the period in which this expenditure could be made if funds were provided, would probably make neces-

sary the paving of more than 1,000 additional miles. Therefore the estimate of 200 million represents the cost based on our present standards, and is a minimum figure.

With this situation confronting them, the Commission has capital funds available, about two-thirds of which consists of uncollected Federal Aid already authorized by Congress of $12,000,000.

The obligations of the 1919 Bond Act are interpreted to mean that at least $20,000,000 must be expended upon the additional roads added to the system by that Act. To date there has been about $11,000,000 expended upon these additional roads so that 75% of the present capital funds must be alloted to roads of the Third Bond Issue. The element which appeared most disturbing to the new Commission was to find so much work under way on relatively unimportant roads, and to see so much important main line construction incomplete.

With so many complex factors the new Commission believed it necessary to feel their way, to personally investgate and learn for themselves the real situation.

Motor-Gas Tax

Since assuming charge of the State Highway Department, the strain upon the funds for maintenance and reconstruction promises to be relieved by the new Motor Vehicle and Gas Tax measures which we conservatively estimate will produce at least 50% more annual revenue than the old measure. The receipts of 1923 under the old measure will be about $5,000,000. Next year's revenue should be at least $7,500,000.

The Commission early adopted the policy of concentrating future capital expenditures so far as legally possible upon main line roads. This side tracked plans which were in the office for other locations until new financing is provided, and made it necessary for the engineers to prepare surveys and plans on approved main line locations. This has caused an unavoidable lull in the progress. However, the expenditures of the Commission from bond funds for new construction in 1923 will be at least $12,000,000.

Construction completed and accepted during 1923 includes a total of 428 miles, 142 miles of which was grading and surfacing, 89 miles consisted of reconstruction of pavements.

At present there are contracts in force and bids in the office for 346 miles of construction, of which 196 miles is grading and surfacing, and 57 miles is reconstruction of pavement or grade. Bids are being opened each week on one or more jobs. The work authorized last Spring on main line roads and upon sections chosen for reconstruction has now reached the specification stage and the total program of new construction and reconstruction for 1924 will probably be close to $15,000,000.

The disbursements for the fiscal year ending June 30, 1923, show a total expenditure of $17,730,015.86. The overhead charges for this period were $1,871,213.55, equivalent to 10.55%.

The general policies of procedure being followed by the present Commission will be briefly outlined.

Main Line Construction

First, a classification of our State Highways with regard to their importance to the end that our capital expenditures may be allotted in a justifiable order of precedence.

With our funds from the 1919 bond issue rapidly dwindling and no new financing yet arranged, a strict control is necessary of the location of expenditures to the end that all possible funds shall be concentrated on the most important highways.

The new Highway Commission has adopted a policy heartily concurred in the engineering organization of allotting all available balance of our funds to the completion of the gaps in our main lines and to the building of our interstate connections.

Maintenance

The second policy is to maintain in high class condition from the annual revenues, the improvements which have already been installed. With the expansion of the annual revenues by the means of the gas tax, we are assured of funds for the adequate maintenance of our present highway system. We are bringing our maintenance organization to a high pont of efficiency. Additional equipment is being procured and devoted to maintenance work through out the State. From many sources we hear comments in regard to the excellent maintenance being done by the State forces. We cannot overlook the duty of keeping moving the traffic which our road building has developed.

Design

The third policy is embodied in the phase "Designing for the location." Much of the state work is susceptible to standards which can be applied without change in many different locations. However, rigid standards thoughtlessly applied sometimes lead to unfortunate results. Each job requires special study for the preparation of specifications. In view of our traffic studies made last year in conjunction with the U. S Bureau of Public Roads, a standard 20 foot roadway would be ridiculous if applied to the resurfacing of the Whittier Boulevard southeast of Los Angeles. The average number of vehicles is around 9,000 on week days, and our observations in other locations show that such a volume of traffic cannot find space on a 20 ft. pavement. In conjunction with the County of Los Angeles and a local road improvement district, we are planning for the construction of a street 56 feet in width with curbs and gutters, which we will soon have under contract.

The factors which influence design are—the topography, which has a bearing on the alignment and curvature, the soil conditions, the treacherous nature of which must be recognized and counteracted, available materials and the amount of traffic both present and future. No longer can the highway engineer, in haste to satisfy the public with the completed pavement, neglect to thoroughly study all of these conditions and consider most seriously what the future will hold in store for his finished road product.

We admit that we are at a loss to know how far in the future to look in the design of highways. Based on the increases of the past five years, in 1930 California will have operating over its highways about four million motor vehicles. Many think we will soon reach the saturation point in number of automobiles. It seems reasonable that relatively stable conditions are reached when there is one automobile for each family. We doubt whether it would be possible or wise for the California Highway Commission to proceed now to fix the standards in pavement construction on a policy using such an enormous projected increase in automobiles.

We are endeavoring, however, to accomplish in all our construction and reconstruction such betterment to alignment and curvature, additional width of graded sections, and length of culverts as will permit 50% increase in future pavement width over that now being installed.

When considering the engineering features of the State road system, one must keep in mind its development from zero in 1912 to its present status in 1923 and the growth of traffic in that period. Highways which might have anticipated the traffic in 1912 are inadequate in 1923, if only because the number of vehicles is beyond their width and speed capacity. We have this year eleven times the vehicle registration which we had in 1912. The Motor Vehicle Department informs us that the registration is now, 1,070,000. The auto clubs report of 1920 forecasted that this figure would be reached in 1926—three years hence.

Stronger Pavements

The fourth policy may be stated as construction of wider and heavier pavement sections. The deterioration of our pavements would not have been so serious had the original construction been to a width of 18 ft. or 20 ft. rather than to a width of 15 ft.

Regardless of the type of pavement, the narrow road is concentrating the ever increasing traffic close to the point of weakest design, the unsupported edge. A twenty percent greater expenditure placed in additional width, would have been better spent than twice that sum placed in additional thickness, and would have changed the entire character of our reconstruction designs, cutting the expense in half.

No pavement planned at the present time on the State Highway System will be less than 18 ft. in width, and this only on secondary roads. On the more important roads the width will be a minimum of 20 ft., which will amply take care of two-way traffic, to a limit of about 5000 vehicles per day.

In regard to the thickness of pavements, our minimum thickness of concrete construction will be 6" with edges deepened to 9" in three feet. This we do not regard as being standard. In the first paving contract let this year, which has already been completed on the Foothill Boulevard, in Los Angeles County, a 7" thickness has been used deepened to 10" at the edge. Even this thickness of concrete pavement is not regarded as being safe practice unless it is placed on first-class foundation. On newly graded roads, we are preparing a large program of gravel and crushed rock surfacing for present needs, which will later furnish a compacted foundation for paving.

Reconstruction

The fifth major policy calls for an aggresive reconstruction program. The requirements involve many classes of work from realignment and regrading in the Sacramento and Shasta River canyons, formerly built on low standards, to the heavy widening and pavement reconstruction imperative in the vicinity of San Francisco and Los Angeles. This need for reconstruction is running us a race in which we are constantly second best. The improvement of the road and the bettering of alignment and surfacing encourages more and faster traffic.

The maintenance, small betterments and reconstruction necessities will absorb for many years all of the gas tax and motor vehicle fund money which will come into the coffers of the State. At this time we are launching a program of about five million dollars for about 175 miles of reconstruction during 1924. The State could use twice this sum annually in replacing sections which are an actual menace to traffic. It is not only the pavements which need rebuilding; on unpaved mountain sections practically the whole road must be rebuilt before it can be paved. On the main highways through Mendocino and Humboldt Counties the requirements faced by the State for rebuilding is appalling, and this at a time when there still remains almost 100 miles of unconstructed road on that route. The width to be used for most of the concrete type of resurfacing work will be 20 ft. averaging 6" in thickness over the top of the old pave-

ment. The shoulder thickness will average 8" beyond the limits of the old pavement. On this class of work, a center longitudinal joint will be used, with reinforcing across the edge of the old pavement.

Day Labor

Profiting by the examples of excellent concrete pavement construction in Oregon and Washington, we shall install some section with transverse expansion joints.

The policy of the Commission is opposed to all unnecessary day labor work. Seldom does an analysis of the situation justify day labor work. In repeated instances during 1923 decision has been made against it. It is our ambition to hold the state highway organization to the engineering functions and leave to the contractors the responsibility for the performance.

We have no conviction that day labor work generally offers a means of saving money. We know that it increases the overhead expense and by scattering the energies of the administrative officials, detracts from the quality and quantity of supervision given to contracts.

Some work, however, we find can be performed more advantageously by state forces than otherwise. For instance, in Kern County light grading work is now in progress on a state highway lateral road by use of Kern County equipment, under state highway direction with the State meeting the payroll.

Except for the convict camps, of which there are three, only in the maintenance work do we have a large day labor organization.

The new law passed at the last Legislature requiring preliminary and certified final reports to be made on the cost of public labor jobs amounting to more than $10,000 has our full sympathy and co-operation.

Organization Changes

Important reorganization measures have been taken during the past year in order to more centralize authority and to facilitate handling of details. Several new departments have been set up to handle definite classes of duty. Each of these departments in Sacramento deals with those employees of the divisions who have charge of their particular activity within the division.

Plan and Survey Department

A plan and survey department has been inaugurated to handle all matter of surveys, studies of location, office practice and Federal Aid cooperation and approval. This department at headquarters is held responsible for locations chosen and costs of preparation of plans.

Construction Department

A construction department has been organized which handles soil and material studies and tests, preparation of specifications, inspection and modification of contracts, and co-operation with contractors.

Bridge Department

The bridge department deals with all matters involving location, design and construction of major bridges. This department checks all plans prepared by counties for bridge construction on State highway lines. Nearly $2,000,000 worth of bridge work in various stages of design in the bridge department at the present time and informal estimates show that almost $5,000,000 worth of work passed through the department in the two years prior to June 30, 1923.

Equipment Department

The equipment department is becoming a very important feature of the work. The use and care of the state highway equipment which has been enormously augmented by the distribution of surplus war materials has made necessary the establishment of large repair shops in each of the divisions, where the hundreds of trucks and other equipment can be expediently and cheaply repaired.

Expenditure has been authorized for construction of new shop buildings in Los Angeles and in Redding. The central shop layout at Sacramento alone represents an investment of about $200,000. These shops have been largely equipped with machine tools received from the Federal Government.

Maintenance Department

The maintenance department handles all questions relative to expenditures of the motor vehicle fund for maintenance and small betterments. Each section of highway requiring major repairs is inspected from Headquarters in conjunction with the Divison maintenance engineer and the work is planned and estimated before authorization. The requirements of maintenance are constantly making necessary the acquiring on the part of the State of small parcels of land properly situated as a headquarters for the repair work of a unit of highway. Generally speaking, the maintenance units vary from 30 to 40 miles, each unit being in charge of a foreman and several regular employees. The State now owns and operates as maintenance stations 45 parcels of land, each chosen after careful study. These parcels, including improvements, at the present time represent an investment of $328,000.00.

The mileage of road under maintenance in 1923 has varied from 3900 miles in January to about 4500 miles in December. Nearly 300 miles of this increase is caused by the assumption by the State of the maintenance on important interstate connecting roads, the construction of which has been so long delayed that the State can no longer neglect to recognize the obligation to traffic.

The allotments for maintenance and small betterments in 1922 were about $3,000,000. In 1923 they will reach a total of $3,500,000. These figures include pavement and grade maintenance and repairs, minor jobs of betterment and equipment purchase.

The maintenance work should ultimately be separated entirely from the construction work.

Creation of New Divisions

At the beginning of the highway project in 1911, the State was districted into seven divisions. This segregation was based on the routes included in the first bond issue. During the past year, on account of the fact that we are now dealing with a highway system more than twice as large as the original system, three of the original divisions have been reorganized and new divisions formed. Division III has been cut into north and south halves, with two division offices at Sacramento. Division VI, with headquarters at Fresno, has been relieved of the mileage of state highway lying east of the Sierra and a new Division has been established for Inyo and Mono Counties, with headquarters at Bishop.

Division VII, with headquarters at Los Angeles, has been reduced in size by the elimination of the easterly tier of counties, namely, Imperial, Riverside and San Bernardino, and new Division headquarters has been established at San Bernardino.

Accounting

A new accounting system has been devised and is now being installed for operation after January 1st, 1924. The system will be so handled that costs will be kept on distribution sheets, of which there will be one for each section of highway in the State system, to the end that the costs pertaining to that section, both for overhead and for construction, can be readily obtained at any given date. Section average ten miles in length. The object of the new system is to obtain a more detailed classification of both construction and overhead expenditures. A complete set of distribution sheets will be carried for each fund at the disposal of the Commission.

No large organization can be operated satisfactorily without careful cost accounting. The heads of departments must have available for their information, while it is fresh, data on the costs while they are accumulating. If the cost of a certain survey or the inspection of a certain contract is running beyond bounds, the information is of the most use during the time the costs are accumulating. It is expected that through this modified accounting form, overhead costs can be better controlled and ultimately reduced.

In connection with the change of the accounting system, we are establishing a system of rental charges to the divisions for all state owned equipment. The fund thus built up will be used to defray cost of repair and purchase of equipment. By charging rental for equipment used on construction and maintenance work, the proper figures will be available to determine just what these items cost when performed by state forces, for without rental charges for equipment, cost figures are often misleading.

Highway Bulletin

One of the interesting accomplishments of the year has been the inauguration of a state highway bulletin, the first issue of which will be out in January, 1924.

The purpose of the Bulletin is twofold. It will be used for the dissemination of information and the exchange of ideas within the organization, and as a builder of morals.

It will also be used for the enlightenment of the public regarding the state highway work. The Commission recognizes the need of proper publicity. They realize the necessity for new financing but they realize that in order to provide new financing, the people must be informed of the true situation, and confidence must be inspired in the integrity and ability of the highway organization. If the Bulletin can help even in a small degree in aiding the Highway Commission to obtain the confidence of the public, it will be well worth while.

ESSENTIALS OF A HIGHWAY

Right-of-Way

A highway in its main essentials consists briefly of the right of way, the grading, and drainage system and the road metaling or surfacing.

The fact that the right of way is a most important part of the highway and should be in proper location and of the proper width is a feature that is sometimes distinctly difficult to impress upon the County Supervisors whom we hold responsible for obtaining rights of way or upon the property owner who sees only ruin to his cultivated fields and buildings through unnecessary and arbitrary actions of a "leather-legged engineer". The practice of the State has been to accept no right of way less than 60 ft. in width. This standard has only been violated in the case of some county improved roads which were taken over for maintenance. Wherever right of way less than 60 ft. has been assumed invariably it has lead to seriously embarrassing situations. Even a width of 60 ft. is now proving inadequate for the proper maintenance and reconstruction of the roads on fully 25% of the constructed road mileage. We are still obtaining some 60 ft. rights of way but we make sure before accepting this that no conditions are apparent which would soon make imperative a greater width. Some of our recent rights of way have been obtained on a basis

of 80 and 100 ft. The width of grade and pavement must expand with the increase in traffic and the soundness of obtaining a wide right of way in the beginning has already become apparent.

The cooperation which the State has received from the County Supervisors in obtaining rights of way is amazing, and shows the intense interest throughout the State our people have in the State highway system.

DRAINAGE

Essentials of a Highway Drainage

The drainage of highways is the point upon which highway engineers throughout the country seem to be weak The drainage of the State highway system, as already constructed, is, next to the pavement width, the most serious defect of the system. Cuts have been built 21 ft. in width and the pavement 15 ft., allowing 3 ft. on each side to accommodate both drainage and traffic. The fact that in much of the State the rainfall is light does not relieve us from drainage responsibilities in our designs. We are now studying the details of the drainage system as much as the details of the pavement and laying profile for the bottom of our ditches.

It is the practice in Oregon and Washington to carry the standard roadbed width through cuts and over fill and provide for drainage outside. Our standards adopted this year conform to this idea. Throughout our Division 5 on the Coast Route from the Santa Clara County line to the Ventura County line the drainage is being worked over and on about half of the distance grades have been widened and ditches installed to provide for better drainage.

Other work of this nature is in progress on a section of the Tejon Pass, where we recently awarded a grading contract, and on the Sacramento Valley highway from Corning to Redding. This is only a beginning of the betterment work in the improving of drainage conditions which we hope to accomplish on the State Highway System.

Width of Roadbed

In regard to the width of roadbed, we have in mind certain very definite standards which must apply to the California Highway System. No grade on a State highway should be constructed less than 20 ft. in traversable width, with drainage provisions in addition. This excavation width will correspond to a minimum of 22 ft. width on fills. If a road is important enough to include in the State highway system, it should have at least this width. Our next standard width for secondary roads is a minimum grade of 24 ft. with drainage outside, expanded on fills to 26 ft., this width to be used where eighteen feet of pavement is planned.

The width of roadbed to accommodate a standard 20 ft. pavement on main traveled roads is 28 ft with drainage outside in cuts and 30 ft. on fills. This allows for future widening of the road without expensive rebuilding of the grade.

Surfacing

Eliminating reconstruction, the most extensive class of work now under contract is for grading and gravel or crushed rock surfacing. It will be the policy to improve roads in this manner before paving. The present major problems of the Commission are not paving problems except they relate to reconstruction of existing pavements. Our problems involve the proper location, grading and drainage and the temporary surfacing of the roadbed with gravel or crushed rock. This is caused in part by the fact that the locations chosen for improvement lie to large extent on the lesser traveled sections of main lines, and also because we thoroughly believe in the practice of stabilizing fills and grades through the influence of traffic and weather before paving.

Macadam and Gravel

During the past few years in the Western States new methods of construction of crushed rock macadam surfaces have been evolved. Under fast moving automobile traffic roads built of large size stone are not proving satisfactory. We are thoroughly committed to the practice of building a top course from three to four inches in thickness of stone which will all pass a one inch ring. It is found that surfaces of this type can be constructed without watering and rolling and can be satisfactorily maintained at less expense than when made of larger rock. The maintenance consists largely of dressing and the surfaces are excellent up to 500 vehicles per day. Many Western states have considerable mileage of this type of improvement. We are adopting this type of construction even under desert conditions. The cost runs from four to seven thousand dollars per mile for surfacing only.

Bituminous Macadam

During the past three years the State has constructed several hundred miles of bituminous macadam pavement. This pavement can be successfully constructed only in locations where suitable materials are available. Very few commercial supplies of rock in the state are available for bituminous macadam on account of lacking binding qualities. The experience of our California counties leads me to believe that the economy of this type of construction disappears when the traffic exceeds 2000 vehicles per day.

Where possible, we have modified the bituminous macadam contracts which we found under way so as to place only the base course, leaving the bituminous top for later construction after full settlement of the base.

Hard Surface Types

In regard to higher types of surfacing, such as concrete and hot mixed asphaltic concrete, there exists two paving theories. The advocates of the rigid pavement of hydraulic concrete lay most stress on the strength of the pavement itself to support traffic and bridge foundation. I do not agree with the bridging theory. The success of the wearing surface depends on the supporting power of the subgrade. We can more cheaply provide unyielding subgrade than we can excessively thicken concrete slabs or reinforce them with steel to develop bridging power.

The advocates of asphaltic types of pavement point to its absorption of the impact blow and its ability to follow without disintegration the inequalities of foundation. The weakness of this argument seems to be that the resultant inequalities of surface would be compensated for by the inconvenience to traffic. In original and in maintenance cost records the asphaltic types seem to have the better of the argument in this state, but the adherents of the rigid type pavement point out that hydraulic pavements have not had a fair chance in California on account of poor design and increase in traffic which has overrun the frail pavements.

There are enough examples throughout the West of seemingly successful construction of roads and streets of each material to justify a conclusion in favor of either.

Further Tests of Hard Surface Pavements.

In 1921 and 1922, the California Highway Commission and the U. S. Bureau of Public Roads participated in tests of various concrete road slabs at Pittsburg, California, and some interesting results were obtained valuable to engineers throughout the country. The results were valuable in their indication as to the benefit of steel reinforcement in concrete pavements and in the determination of the influence of temperature in stressing concrete slabs. At that time the opinion was commonly expressed that the test might well have included sections of other types of pavement. It has since been suggested that new tests be inaugurated to determine the relative efficiency of hydraulic concrete and asphaltic concrete.

The value of such tests is well established. The State of Illinois is basing its entire road paving program involving an expenditure of one hundred million dollars on the results indicated in tests carried out by their highway department at Bates, Illinois.

An attempt should be made to settle this cement versus asphalt controversy and determine the true relative value of these two materials in pavements.

There have been some informal discussions between the California Highway Commission and the U. S. Bureau of Public Roads regarding such a test and we are willing and indeed anxious to cooperate if the details can be satisfactorily arranged.

For the future welfare of our highway system I believe such a test advisable. The results of a scientifically conducted test would be, not the elimination of one material or the other from the paving field, but the determination of relative merit, based upon behavior under continuous application of heavy traffic.

AWARD EDISON MEDAL TO JOHN W. LIEB

The Edison Medal for the year 1923 has been awarded by the Edison Medal Committee of the American Institute of Electrical Engineers to John W. Lieb, New York City, "for the development and operation of electrical central stations for illumination and power."

Mr. Lieb has taken a prominent part in the work of many of the organizations in the electrical and allied fields. Under his direction at Milan, Italy, some of the earliest experiments were made in parallel operation of direct driven alternators and in long distance transmission of high-tension alternating current by underground cables.

The Edison Medal was founded by the Edison Medal Association, composed of associates and friends of Thomas A. Edison, and is awarded annually by a committee consisting of twenty-four members of the American Institute of Electrical Engineers for meritorious achievement in electrical science, electrical engineering, or the electrical arts.

EISELE & DONDERO TO OPEN PLANT

Eisele & Dondero Marble Co., dealers in foreign and domestic marble, will establish a plant in San Francisco, according to an announcement of the Southern Promotion Association.

With an area of more than 30,000 square feet, the company will establish a plant at the northeast corner of Third and Twenty-fifth streets. It is expected the plant will be in operation before the close of January. Approximately $50,000 is to be expended in machinery and equipment.

Charles F. Eisele of New York is president of the company. A. B. Dondero, San Francisco business man and clubman and president of the Industrial Athletic Association, is vice president, and A. George Dondero of the Carrara Marble Quarries in Pine Grove, Calif., is secretary and treasurer.

S. F. BUILDING TOTALS

San Francisco building operations for the month of December, just closed, totaled $4,952,444 as compared with $2,439,658 for the same period in 1922 and $2,007,705 in 1921. During the past month 746 permits were issued of these 412 were for alterations, repairs and additions to standing structures.

The total number of permits issued during the year 1923 is 9856 representing an expenditure of approximately $46,676,079 as compared with 8078 permits in 1922 totaling $45,327,206 and 6313 permits in 1921 totaling $22,244,672 During the year 1920, a total of 5626 permits were issued for improvements costing $26,729,992.

Following is a segregated report of the operations for December and the entire year of 1923 as compiled by Chief Building Inspector John P. Horgan, of the Department of Public Works.

December, 1923

Class	No. of Permits	Est. Cost
A	2	$1,700,000
B	2	570,000
C	29	688,870
Frames	300	1,657,150
Alterations	412	318,620
Public Buildings	1	17,804
Total	746	$4,952,444

Operations For Year 1923

Class	No. of Permits	Est. Cost
A	15	$4,422,500
B	25	3,998,078
C	367	10,874,485
Frames	3807	21,396,756
Alterations	5629	4,958,999
Public Bldgs.	8	694,637
Harbor Bldgs.	5	330,624
Total	9856	$46,676,079

JAS. DEAN MAY BE APPOINTED SACRAMENTO CITY ARCHITECT

The selection of James Dean of the architectural firm of Dean & Dean for the office of city architect of Sacramento to plan the new civic auditorium is counted as a strong possibility.

The selection of an architect will be made shortly by City Manager H. C. Bottorff in accordance with the provisions of an ordinance adopted by the council, in which a division of architecture was created.

Predictions upon the choice of Dean are based upon the fact that he has been actively engaged in Sacramento city work during the past few years and that he was selected for certain work when the city council gave Bottroff power to make the choice.

Most of Dean's work for the city, however, has been confined to the school department.

It has not yet been decided how the division, which will be a part of the engineering department, will operate, but it probably will be under the direction of the city architect, who will be on a full-time salary, assisted by such other consulting architects as may be selected, who will be paid on a basis of the work they do.

The entire division, as a part of the engineering department, will be directly under Bottorfff's supervision.

CROWE GLASS COMPANY OCCUPIES NEW QUARTERS

The Crowe Glass Company has taken over the quarters formerly occupied by Swartz & Gottlieb at 574 Eddy street, San Francisco. With the enlarged quarters, the Crowe Company will be enabled to give prompt service despite the increased business enjoyed by the firm in the past few months. The new phone number is Prospect 612.

Industrial Standardization In 1923

By A. W. Whitney, Chairman, American Engineering Standards Committee

During the past year, industrial standardization has continued to develop as one of the most active and important phases of American industry. Progress has been made in the standardization of raw materials, manufacturing processes and finished products. This is equally true whether looked at from the point of view of the factory, of the industrial or technical association, or of a national movement.

A striking development is the increased systematic use of specifications in public purchases, notably in the federal and in several of the state governments. The National Association of Purchasing Agents and the National Council of Governmental Purchasing Agents are devoting much time and attention to the subject. At the direction of Mr. Hoover, the Department of Commerce is preparing to publish a "Dictionary of Specifications for Public Purchases," which will make easily available information as to what specifications are in existence, to what classes of use they apply, and how they may be obtained.

The Federal Specifications Board has completed the second year of its activity. In this, the Aremican Engineering Standards Committee has cooperated by obtaining criticisms from the various interested industries of proposed specifications of the Federal Government before the specifications are finally adopted by the Board. To date, the Board has adopted approximately ninety specifications, and the Committee has secured criticism of industry on about the same number. From these systematic efforts to bring governmental purchases in line with the best commercial practice, important economies both to industry and government are resulting.

The Division of Simplified Practice of the Department of Commerce continues to exert a most stimulating influence of the standardization movement, particularly in emphasizing the efficiency results of standardization to the business man.

Through the organization of the American Marine Standards Committee, work has been initiated in this important industry. Very little in this field has heretofore been done in this country, although very considerable activity has been going on for some time in Germany and Great Britain.

The most striking aspect of the movement for industrial standardization is the development of standardization on a national scale. More than 150 undertakings now have official status before the American Engineering Standards Committee, the national clearinghouse for standardization. Fifty standards have received final approval by the Committee, twenty-two of which were approved during 1923. The importance of the broadly democratic methods followed in this clearing-house work in receiving increasingly widespread recognition. In it all parties concerned with any standard, producers, consumers, and representatives of the public and government, participate (1) in deciding whether the work should be undertaken at all, (2) in formulating the standard, and (3) in its ultimate approval.

Thus the industries are developing and using such standards as best fits their needs, without danger of such technical industrial matters becoming subject to legal enforcement or to government pressure. Is it not probable that many other of our important industrial problems will find their solutions by closely analagous methods?

In July, the second conference of the national industrial standardizing bodies was held in Switzerland, where thirteen of the more important industrial nations of Europe and America were represented. Important progress was made in developing co-operation between the various national bodies, particularly in regard to the early release to each other of information on work in progress. Information on the status of all projects in hand is now regularly interchanged between the various bodies. Provision was made for continuing the work of the conference on the many problems of common interest through a continuing loose-knit organization.

There are now national industrial standardizing organizations in sixteen countries: Australia, Austra, Belgium, Canada, Czecho-slovakia, France, Germany, Great Britain, Holland, Hungary, Italy, Japan, Norway, Sweden, Switzerland, and the United States. Of these the work in Great Britain, Germany and the United States is the most extensive, as would be expected from the scale of the industrial development in these countries.

The extensive standardization work going on in Germany continues to present many interesting phases. Some of these were out-lined in a recent bulletin of the American Engineering Standards Committee. Practically every important manufacturing concern in that country is actively engaged in the work, and more than a thousand companies have formal standardization organizations within their own works. Approximately seven hundred national German standards have been approved by the central national standardizing body. These are only standards in which several industries are concerned. Standardization engineering is now a recognized profession in Germany. Some of the consulting engineering firms specialize on standardization work. Through their work on trade catalogs, these consulting engineers, among other things, are introducing standardization into sales policies and sales organizations.

Of interest not only in its relation to international standardization, but also on account of its bearing on the use of specifications in foreign trade, is the resolution passed by the last conference of the Pan American Union, where it was decided "That a conference on standardization of specifications of materials, tools, machinery and supplies be held * * * with a view to reaching agreements which may be embodied in Inter-American conventions on this subject." This projected movement will be watched with great interest by American industries.

Standardization continues to play a more and more important role in the activities of trade associations. The subject is treated at length in the book on "Trade Association Activities" issued by the Department of Commerce during the year. It is of more than passing interest that the Supreme Court in a recent decision in regard to trade associaton activities, explicitly recognized standardization as being in the public interest.

U. S. PLEDGES AID TO HOME BUILDERS

American home-builders have been pledged the backing of the government.

After a conference of lumber interests with the Departments of Commerce and Agriculture, federal officials are cooperating to put into effect reforms that will save house builders vast sums, and reduce materially the forest devastation.

Officials declared that beginning July 1 sizes of lumber used in house construction would be reduced by 60 per cent, and that specifications would be so simplified that the average builder would know just what is "going into his house."

Homebuilding Urged

"Maintaining a high percentage of individual home-owners is one of the most searching tests that now challenges the people of the United States," Secretary of Commerce Hoover said:

"The present proportion of families owning homes is both the foundation of a sound economic and social system and a guarantee that our society will continue to develop rationally as changing conditions demand. It is but essential that the cards should not be stacked against the homeseeker."

Referring to handicaps of homebuilders, believed to have been eliminated by the government agreement agreement with the lumber interests, Secretary Hoover said:

Hoover Makes Statement

"The thinness of lumber that has been going into speculative and jerry-built houses is a public scandal. Regional interpretations of sizes, permitting the use of an astonishing variation of one-inch boards,' the smallest of which was scarcely three-sixteenths of an inch thick, left our whole home-building society without protection."

Residential building increased about 15 per cent this year over 1922, and a still further increase is anticipated during 1924, officials declared.

For nearly two years, representatives of the lumber industry and the Department of Commerce have been working on specifications for lumber going into houses. An agreement was reached recently when lumbermen conferred with Secretary Hoover, whereby home-builders may purchase lumber assured of protection against inferior sizes of quality.

SEEKING COLORED ROCK FOR PAINT MATERIALS

Sacramento may soon become the center of a big mineral paint industry, as well as of rock-crushing plants to turn out colored rock for stucco, roofing material and mosaic work, according to Manager Bert F. Hews of the department of mines and mining, Chamber of Commerce, who has been in touch for several weeks with E. W. True of Grass Valley, who considers locating such an industry in Sacramento.

At the present time, deposits of hard, non-absorbent rock, which grind either green, blue, red, pink or yellow, are urgently wanted by True. His company has orders for crushed rock in these colors and the demand is steadily increasing. True informs Hews that he wants deposits large enough so that the rock can be shipped by the carload. In all, he desires 200 tons a month of the various colored rock. These deposits must be reasonably convenient to a railroad. Those located near Sacramento will be crushed in a central plant to be established at that point, but those more remote will be treated in unit mills to be erected at the deposits.

Stockton City Hall Suits Decided In Council's Favor

The council of the city of Stockton was legally within its rights last summer in rescinding the resolution awarding city hall contracts to Howard S. Williams, San Francisco contractor, and Edward L. Gnekow, Stockton contractor.

This was set forth in a decision handed down by Superior Judge George F. Buck in which he sustained the city's demurrer to a petition for a writ of mandamus forcing the mayor to sign then contract in question Judge Buck sustained the demurrer without granting leave to amend the petition.

Attorneys for Williams and Gnekow stated that in all probability, the case would be carried to the supreme court on appeal. Therefore, the final determination of the case may be postponed for a year or more and, in the meantime, the city will not be in a position to proceed with the letting of new contracts for the new city hall.

Judge Buck's decision is considered a sweeping victory for the city, according to City Attorney J. Leroy Johnson and Attorney Clarence A. Grant, who assisted him in the case.

"The decision means that the city need not go ahead with the proposed contracts with Williams and Gnekow," said Johnson after the demurrer had been sustained. "Those contracts would have consumed all of the bond funds without providing for all the purposes which were set forth in the bond proposal on which the people voted.

"The city council is to be congratulated for its action in rescinding the awards and thereby making it possible for the bond money to furnish all the things for which the people voted the money.

"Judge Buck has never been reversed by the supreme court, and we are confident this decision, if appealed to the supreme court, will in no way blemish his splendid record."

In summing up its findings, Judge Buck said:

"I will make my decision, really, upon the ground, that the awarding of contract for public work is a legislative act and, being a legislative act, it is subject to reconsideration before the petitioner has obtained any final vested rights."

The court also found 'that the petitioner obtained no vested rights until the contract in pursuance to the provisions of the charter, was reduced to writing and singed by the mayor."

"Therefore," he said "the mayor cannot be compelled by mandate to sign a contract when the resolution authorizing the contract has been revoked and rescended."

The petitioners claimed that they had certain vested rights by reason of the original resolution awarding the contracts, and that by reason of these alleged vested rights they had proceeded to let subcontracts and to incur expenses in connection with the proposed construction work.

The court, however, held that the petitioners could not bind the city for liability incurred under the proposed contracts until the mayor had actually signed them, and he further held that it was the petitioners' duty to see that the contracts were so signed before they proceeded to incur expenses in furtherance of the said contracts.

Judge Buck explained that, in view of the fact that the petition fully stated the facts in the cast, he would not grant leave to amend the petitions unless counsel for Williams and Gnekow, in good faith, stated particulars in which they could properly amend. Gilbert L. Jones, counsel for petitioners, made no response, and the decision stood "without leave to amend."

California Lumber Consumption Large

The California Retail Lumbermen's Association of San Francisco reports the lumber consumption in California during 1923 will reach tremendouse totals, which, however, can only be estimated on minimum basis of water shipments taken from port records, as no figures are available of the very considerable rail shipments.

The following statistics are of special interest and indicate that California is the biggest customer of the Douglas fir mills.

Port records of lumber received in California for period January 1 to November 17, 1923:

Santa Barbara and San Diego:

Fir Ft	Redwood Ft.	Total Ft.
1,647,135,000	227,740,000	1,874,875,000

San Francisco and Oakland:

455,115,000	155,795,000	610,910,000
2,102,250,000	383,535,000	2,485,785,000
84 pct.	16 pct.	100 pct.

(Thus approximately 3,000,000,000 feet will be used in 1923 in California)

Production of lumber during 1921, compiled by Forest Service. (1922 not yet published):

(000 omitted)

	Fir	Other species	Total
Washington	2,889,543	942,258	3,831,801
Oregon	1,528,198	494,021	2,022,219
California	123,344	1,227,095	1,350,438
Total	4,541,084	2,663,374	7,204,458
	63 pct	37 pct	100 pct.

Estimate of total cut in 1922 (Timberman):

Washington	5,200,000,000
Oregon	3,100,000,000
California	1,600,000,000
Total	9,900,000,000

FEDERAL RESERVE REPORT

Sound and substantial economic progress characterized the year 1923 in the Twelfth Federal Reserve District, despite irregularity in a few fields, notably agriculture. Complete returns for eleven months and partial returns for December indicate that the year has been one of record activity in production and business, while bank credit for growing, harvesting, and marketing the district's crops, as well as for financing commerce and industry, has been continuously available at moderate cost.

Production in the major industries of the district attained high levels during the spring months of the year and, except for seasonal declines, was generally maintained during later months. The following comparisons of November, 1923, with November, 1922, illustrates the situation:

Lumber Production	**20%**	**increase**
Mineral Production*		
Copper	**28%**	**increase**
Silver	**5%**	**increase**
Petroleum Production	**59%**	**increase**
Flour Production	**17.5%**	**increase**
Building Activity	**15%**	**increase**

***October, 1923, compared with October, 1922.**

Newspaper Ass'n Membership, No. 6424

"Though the mills of God grind slowly, yet they grind exceedingly small!" has been quoted in connection with a thousand causes. Not often is it applicable to roads, but in at least tighter.

Two friends lived across a county line from each other; in the one county was good roads, connecting with the nearby county seat, in the other was opposition to good roads, and no good connection with the county seat.

The two friends had many an argument on the subject, he of the good roads county exulting in what the good roads did for him, he who had poor roads being glad at the smallness of his taxes.

There seemed no winning the argument for either. The one had a definite saving in hauling and time, the other had much smaller taxes.

Then the farm house and the barn where lived the opponent of good roads caught fire. He telephoned instantly to his county seat, meanwhile his friend was also crying "fire" to his county seat, over his telephone!

The fire engines from the up-to-date county seat arrived and put out the fire before those from the poor road county were seen!

Of course the poor-road advocate had to pay the cost of that fire run; it was not in his county! And of course the cost was much more than a road tax would have been. But he paid it cheerfully.

"Either we get good roads next election, or I'm going to move across the line!" he said.

Adequate fire protection is just one of hundreds of reasons why any other kind of a road than a hard road is uneconomic, expensive, unreasonable, and foolish!

Motor transport should come under Federal supervision, like rail and water carriers. Highways should be developed in response to needs, so says a report submitted by a special committee to the United States Chamber of Commerce.

The personnel of the committee includes railway traffic officials, officers of farm and labor organizations, representatives of the motor industry, motor haulage companies, water carriers, and the shipping public.

The committee believes that—

"The best interests of the public and the carriers lie in cooperation between the various agencies of transportation.

"The greatest opportunity for cooperation is at the points where the capacity of the railroads is most limited; that is, in the terminal areas of our great cities.

"Store door delivery by motor truck is undoubtedly the greatest contribution which can be made to the solution of the terminal problem.

"Outside of the terminal areas, motor trucks and busses should be used to supplement the facilities of existing common carriers.

"It is to the public interest, as well as to the interest of the respective carriers, that the economic limitations of each type of carrier be recognized; that the railroads be permitted to discontinue unprofitable service, to which the motor is better suited, and that the motor abandon its efforts to handle general traffic over excessive distances."

TRADE NOTES

California Redwood Lumber Co. in addition to 1826 acres of timber it now owns at Gazos creek, Santa Cruz county, has taken over 2162 acres of timber from the Peninsula Farms Company and is already in the active work of constructing a railroad into the timber. The railroad will be two miles long and from the mill to Pigeon point, from where the lumber will be shipped.

The Richmond Sanitary Co. of Southern California, principal place of business as San Francisco, has filed articles of incorporation with Secretary of State. Capital stock is rated at $500,000, divided into 5000 shares, subscribers being: E. F. Euphrat, E. Steinberg, Alex Whitten Middleton, Etta Helen Euphrat and Walter E. Drobisch, 1 share each.

California Door Co. announces the removal of its Berkeley office from 2127 University avenue to 1926 Shattuck avenue, near Berkeley Way. The company manufacturers a complete line of sash, doors and blinds. Berkeley representatives are G. B. Warner and W. H. Hansen.

The Chain Belt Company, Milwaukee, Wis., manufacturers of chains, concrete mixers and conveyors, has opened a branch sales factory at 1040 Sixth Ave. South, Seattle. Another branch has been opened at Portland. The Seattle branch is the fifteenth to be opened by this company.

Eicher & Bratt, Colman Bldg., Seattle, have been appointed distributors in the state of Washington for Fire-Tite, a plastic furnace lining used in steam plant construction. The product is produced by the A. P. Green Fire Brick Co. of Mexico, Missouri.

Wm H. Lowe, general manager of the paint, roofing and floor covering division of the Paraffine Companies, Inc., has returned from Europe, where he spent three months visiting France and England to study business conditions.

E. K. Wood Lumber Co has purchased block bounded by Rose, West, Hopkins streets and Santa Fe tracks in Oakland, as a site for a yard and planing mill. The plant will employ about 200 men.

Golden Gate Tile & Mantel Co., operated by Ed. Reilly and C. H. Enloe, has opened quarters at 3042 Pine street, San Francisco, and will operate as contractors and repairers of such products.

Vitreous Tile Products Co. of Los Angeles has been incorporated with a capital stock of $75,000. Hellman Hardware Co. of the same city has incorporated with a capital stock of $250,000.

American River Building Materials of San Francisco has been incorporated with the following directors: H. R. White, J. E. Cook, A. B. Dunne, H. J. Finn and E. S. Taylor. The company is capitalized at $75,000.

The Columbia Terra Cotta Company is one of the new industries opening in Vancouver, Washington.

PUBLICATIONS

The General Electric Company, Schenectady, New York, has published Catalog 6001A listing products of the company and including information of supplies and merchandise. The catalog comprises 1125 pages of valuable information and illustrations of General Electric products, among them, turbines, wire and cable, transformers, arresters, voltage regulators, air circuit breakers, motors, switching devices, meters, and wiring accessories. All subjects, such as motor applications, industrial control, illumination, and industrial heating are described minutely.

The best methods of harvesting national forest timber in the Sierra forests of California is the subject of Department Bulletin, No. 1776, just issued by the United States Department of Agriculture, entitled "Some Results of Cutting in the Sierra Forests of California." This bulletin, which is free, as long as the supply lasts, may be secured by writing to the District Forester, San Francisco, Calif., or to the United States Department of Agriculture, Washington, D. C.

The National Plastic Relief Manufacturing Company, 907 Evans street, Cincinnatti, Ohio, has issued a second edition of Catalog No. 1, illustrating floor and table lamps, candle sticks, and lighting fixtures of composition material. A supplement to this booklet has also been published showing a number of exclusive lighting fixtures for theatres, banks, and public buildings.

The ninth edition of the Shape Book, published by Carnegie Steel Co., is now off the press and available to users of steel. The new edition is the result of a thorough check and revision of all the sections rolled by Carnegie Steel Co. on its shape, rail, bar and plate mills, and while no important changes have been made in the regular sizes of structural and bar mill sizes of beams, channels, angles, tees and zees, a number of changes have been made in the large number of special sections rolled by that company, such as concrete reinforcement bars, window and casement sections, automobile rim sections and other miscellaneous bar mill sections. Certain rails and splice bar sections, which have become obsolete since the issue of the preceding eighth edition, have been eliminated in the present issue.

ORGANIZATION NEWS

(Continued from Page 12)

IDAHO A. A. E. TO MEET

Engineers from Idaho and neighboring states will attend the convention of the Idaho chapter of the American Association of Engineers at Pocatello, January 21 and 22.

Papers on technical and popular subjects will be read, there will be discussions of association affairs, and visits of inspection to engineering projects in Pocatello and vicinity. The Idaho Power company has invited the engineers to visit the new hydroelectric plant at American Falls, and to inspect the new substation which is now in course of construction at Pocatello.

R. R. Wooley, hydraulic engineer of the United States geological survey will give an illustrated talk on "Boating Through the Rapids and Canyon Gorges of Green River." The trip was made to study irrigation and power possibilities of the river.

Building News Section

APARTMENTS

Plans Being Prepared.
APARTMENTS Cost, $20,000
SAN FRANCISCO, Fulton St. near Fillmore St.
Three-story and basement frame and stucco apartment house (6 3-room apts.)
Owner—Withheld.
Architect & Contractor—A. M. Hardy, 518 24th Ave., San Francisco.

Plans Being Prepared.
APARTMENT Cost, $25,000
SAN FRANCISCO, Scott St. near Union.
Two-story and basement frame and stucco apt. (8 3-room apts.)
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Contract Awarded.
APT. HOUSE Cost, $10,000
OAKLAND, W Webster St. 75 N 35th St.
Two-story 10-room frame apt. house.
Owner—Mrs. A. H. Hall, 350 35th St., San Francisco.
Contractor—H. L. Hayden, 351 12th St. Oakland.

Contract Awarded.
APT. HOUSE Cost, $12,000
OAKLAND, S 40th St. 90 E West.
Two-story frame 16-room apt. house.
Owner—V. A. Dunn, Pantages Blvd., Oakland.
Contractor—J. E. Sprague, 4518 Edgewood Ave., Oakland.

To Be Done By Day's Work.
APARTMENTS Cost, $15,000
SAN FRANCISCO, N Market St. 60 W Castro.
Three-story & basement frame (5) apts
Owner—Thos. Hamill, 6140 Geary St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $25,000
BERKELEY, Alameda Co., Cal. No. 2741-43-45 Garber St.
Two-story frame apartment house (19 rooms).
Owner—H. C. Sieghold, 5944 Claremont Ave., Oakland.
Architect—None.
Contractor—Jos. Coward, 5429 Shafter Ave., Oakland.

Contract Awarded.
APARTMENTS Cost, $—
SAN JOSE, Vine St. near Park Ave.
Two-story and basement frame and stucco apts. with tile roof (8 3-rm. apartments).
Owner—Louis Carriene.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—Jorgensen & Twomey, San Jose.

Segregated Figures To Be Taken This Week.
APT. BLDG. Cost, 45,000
SAN FRANCISCO, S Chestnut St. W Van Ness Ave.
Three-story frame and stucco apartment building (12 2 & 3-rm. apts.)
Owner—Wm. Hoffman.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Prepared—To Be Done By Day's Work.
APT. HOUSES Cost, $50,000 each
SAN FRANCISCO, Van Ness Ave. bet. Chestnut and Francisco Sts.
Two 3-story and basement frame and stucco apt. houses.
Owner—Axel Johnson, 47 Belvedere St. San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Sub-Figures To Be Taken In a Few Days.
APARTMENTS Cost, $48,000
SAN FRANCISCO, E Franklin S Chestnut.
Three-story and basement frame and tapestry brick veneer apartments (4 3-room, 2 2-room apts.)
Owner—Max Weismann.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $17,000
OAKLAND, E Warfield Ave. 200 N Cottage.
Two-story 16-room apts. and garage.
Owner—W. H. Williams.
Contractor—Harry C. Knight, 388 12th St., Oakland.

LOS ANGELES, Cal.—Archt. Lester T Squiers, 607 S Oxford Ave., has completed plans for 2 apt. bldgs., to be erected cor. of Los Feliz Blvd. and Rodney Dr., for the Security Realty Co. Two-story, frame and plas. constr., 119x45 ft., tile and comp. rfg., gas rads., aut. water htrs., tile baths and drainboards, hardwood fls., pine trim, wall bed; $80,000. Owners will take segregated bids.

SANTA MONICA, Los Angeles Co., Cal.—A. C. Blumenthal, Loew State Theatre Bldg., Los Angeles, has purchased from the Adolphus Busch Estate a piece of property, 430x336x211 ft. on the ocen front at Marguerita St., Santa Monica, and will erect a 13-story Class A apartment and hotel building. It will contain not less than 300 rooms and will cost about $1,500,000.

SEATTLE, Wash. — Peerless Const. Const. Co., 232 Henry Bldg., Seattle, takes general and sub-contract bids shortly for 5-story and basement, 120 by 60 ft., masonry construction apartments to be erected at 1315 Ninth Ave., Seattle; est. cost $110,000.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. **Fold-up-Dors,** Ti-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co., Kansas City, Mo.

SASH OPERATING DEVICES

T. J. Callahan Co., Dayton, Ohio.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-shipping flooring. — Irving Iron Works Co., New York.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET

Sutter 5907 San Francisco

LOS ANGELES, Cal.—Viking Constr. Co., 4592 Sunset Blvd., has the contract to erect a 54-room, 24-apt. bldg. on Virgil Ave. near Sunset Blvd., for G. Eidsvig. Three-story, 116x40 ft., frame and plas. constr., comp. rfg., pine trim, oak and pine fls., wall beds, comp. baths, water htrs., gas rads.; $40,000.

LOS ANGELES, Cal.—L. T. Mayo, 531 Black Bldg., has the contract to erect a 36-room, 17-apartment bldg. on Kenmore Ave., bet. Beverly Blvd. and 1st St. for Magdalena Kastle. Two-story 57x95 ft., frame and plas. construction, tile and comp. rfg., pine trim, oak and pine fls., tiled baths, water htrs., gas rads., wall beds; $45,000.

LONG BEACH, L. A. Co., Cal.—Arthur T. Hesse, 320 Union Oil Bldg., has completed plans and has the contract at $1,000,000 to erect a 13-story class A apartment bldg. on Ocean Ave. near Lime St., Long Beach, for L. V. Mayell; it will contain 100 apartments, for L. V. Mavell; it will contain 100 apartments of 2, 3 and 4 rms. each, 4 shops, offices, large lobby and ballrm., cafe, dining-room, kitchen and storage space for 154 automobiles. Reinf. conc. constr., 13-story and basement, 100x200 ft., glazed brick exter., terra cotta trim., comp. rfg., steel beams and girders, steel sash, plate and wire glass, tiled baths and drainbds., steam htg. sys., vacuum cleaning sys., incinerators, wall beds, refrigerating sys., marble fl. and base in lobby, elec. elevators, ornam. iron work, metal store fronts, etc.

LOS ANGELES, L. A. Co., Calif. — Architects Dodd & Richards, 905 Frack-Shops Bldg., are preparing plans for a 6-story and basement class A apt. house to be erected at s.e. cor. of 6th St. and Benton Blvd. for L. A. Income Properties, Inc., Pac. Finance Bldg. Reinf. conc. constr., dimensions, 123x125 ft., marble and tile work, hardwood and pine trim, tiled baths, elevators, steam htg., vacuum cleaning; $400,000.

LOS ANGELES, Cal.—L. A. Income Properties, Inc., Pac. Finance Bldg., has secured a long-term lease on the site at n.w. cor. of 6th St. and Westmoreland Ave. and will erect a 4-story class C apt. and hotel bldg. to cost $200,000. The site is 170 by 100 ft.

LOS ANGELES, Cal.—Roy L. Jones, 311 S Western Ave., has prepared plans for a $65,000 2-story and basement 41-unit, frame apt. bldg. to be erected on Menlo St. by L. C. Adams, 1217 W Santa Barbara Ave., for himself. Stucco exterior, comp. rf., hardwood fls., tile baths, disap. beds, gas rads., general hot water system, basement laundry.

BEVERLY HILLS, L. A. Co., Cal. — Chisholm, Fortine & Meikle, 509 S Western Ave., have prepared preliminary plans for a $300,000 3-story brick bank, store and apt. bldg. to be erected by the firm at Wilshire Blvd. and Reeves Dr., Beverly Hills, for the John A. Vaughan Corp., 5930 Wilshire Blvd., L. A. The bldg. may contain a theatre if leasing is arranged. Dimensions 108 by 150 ft.

BONDS

SALINAS, Monterey Co., Cal—County supervisors sell $105,000 bond issue for premium of $2811; proceeds are to finance construction of two grammar schools, plans for which are being prepared by Architect J. J. Donovan, Tapscott Bldg., Oakland, and Davis-Heller-Pearce Co., Delta Bldg., Stockton, associated.

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SAN BERNARDINO, San Bernardino Co., Cal.—Until 11 a. m., Jan. 7th, bids will be received by county supervisors for the purchase of bonds of the San Bernardino High School Dist., in the sum of $300,000; $1000 ea, 5% interest. Cert check or cash $1000. Harry Allison, clerk.

CHURCHES

Plans Being Prepared.
CHURCH. Cost, $50,000
SAN LEANDRO, Alameda Co., Cal. Estudillo Avenue.
Church.
Owner—Presbyterian Church.
Architect—Tuttle & Tuttle, 351 12th St, Oakland.

Construction Started Under Supervisor of Architect.
CHURCH Cost, $30,000
FRESNO, Fresno Co., Cal.
One-story and basement brick and frame church.
Owner—Northside Christian Church.
Architect — Swartz & Ryland, Rowell Bldg., Fresno.

Contract Awarded.
CHURCH Cost, $12,000
OAKLAND, SE 90th Ave. and Holly St.
One-story frame church.
Owner — Elmhurst Baptist Church, premises.
Contractor — F. A. McCausland, 502 Dowling St., San Leandro.

ONTARIO, San Bernardino Co., Cal.—F. W. Edwards, Ontario, has been awarded the contract at $75,000 to erect a new church auditorium at Ontario for the First Christian Church. It will have a seating capacity of 800 people with a social hall. Robert H. Orr, 1300 Corp. Bldg., archt. Brick and conc. constr., 70x100 ft., pres. brick exterior, cast stone trim, hardwood and pine fls. and trim, art and stained glass, gas htg., comp. rfg.

FACTORIES AND WAREHOUSES

Excavating Started—Sub-Figures Being Taken.
FACTORY ETC. Cost,, $250,000
SAN FRANCISCO, Mariposa, Alabama, Florida and 17th Sts.
Reinforced concrete factory, office and warehouse.
Owner — Lyons Cal. Glace Fruit Co., 535 Folsom St., S. F.
Designer & Contractor—Geo. Wagner, 251 Kearny St., S. F.
The excavating is being done by Sibley Grading & Teaming Co.

Contract Awarded.
WAREHOUSE Cost, $15,085
EMERYVILLE, Alameda Co, Cal. 64th and Doyle Sts.
One-story reinforced concrete warehouse.
Owner—Detroit Steel Products Co., 251 Kearny St., San Francisco.
Architect—W. J. Miller, 417 Market St., San Francisco.
Contractor—R. W. Littlefield, 357 12th St., Oakland.
Roofing awarded to Bender Roofing Co., at $1404.

Member S. F. Builders' Exchange
Phone Sutter 6700
ALBERT DEAN
Random Variegated Colors Slate Roofing
and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

Contract Awarded.
FACTORY Cost, $12,000
OAKLAND, SE 61st & Lowell Sts.
One-story tile factory.
Owner—W. C. Marshall.
Contractor—Marshall & Bricks, Bacon Bldg., Oakland.

Contract Awarded.
LOFT BLDG. Cost, $22,000
SAN FRANCISCO, Clementina St., near 5th.
Two-story brick loft bldg.
Owner—Louis R. Lurie.
Lessee—The Turner Co.
Architect—O'Brien Bros. 315 Montgomery St., San Francisco.
Contractor—Wm. Martin, 180 Jessie St. San Francisco.
The electrical work and plumbing will be done by the Turner Co.

Contract Awarded.
FACTORY Cost, $26,487
OAKLAND, SW 3rd and Oak Sts.
Two-story reinf. concrete and frame factory.
Owner—Pacific Furniture Co., foot of Madison St., Oakland. (Rep. of Bemis-Riddell Fibre Co. of Sheboygan, Wis.)
Architect—E. W. Cannon, Central Bank Bldg., Oakland.
Contractor—Mellin & Taylor, 351 12th St., Oakland.

Plans Being Figured.
LOFT BLDG. Cost, $60,000
SAN FRANCISCO, S Mission bet. 8th & 9th streets.
Three-story and basement reinforced concrete class B loft bldg.
Owner—F. J. Klenck.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Figures are being taken for a general contract.

Plans Being Figured—Bids Close Jan. 5, 1924.
WAREHOUSE Cost, $——
SAN FRANCISCO. Second and Deboom Streets.
One-story and mezanine frame warehouse.
Owner—Howard Realty Co.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.
Figures are being taken for a general contract.

Contract Awarded.
ALTERATIONS Cost, $45,623
SAN FRANCISCO. Islais Grain Terminal.
One and two-story frame and corrugated iron extension to storage shed.
Owner—State Board of Harbor Commissioners, J. L. Phelps, Secy., Ferry Bldg., San Francisco.
Engineer—Frank G. White, Chief Engineer, Ferry Bldg., San Francisco.
Contractor — Grant & Hart, 571 42nd Ave., San Francisco.

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LOS ANGELES

ALHAMBRA, L. A. Co., Cal.—Carling Shoe Mfg. Co. (F. G. Carling, pres.), is planning to erect the first unit of a shoe factory at Mission Rd. and South Palm Ave. Proposed cost, $80,000. The company is incorporated in California, and is capitalized at $500,000.

LOS ANGELES, Cal. — The Western Wholesale Drug Co., 200 S Los Angeles St., is taking bids for erecting a 6-sto. and basement class A bldg. on Los Angeles St. between 2nd and 3rd Sts., for themselves. Plans were prepared by the Milwaukee Bldg. Co. It will be 60x153 ft., reinf. conc. constr, plate glass, steel sash, elevators, etc.; cost $150,000.

LOS ANGELES, Cal. — Archt. E. J. Borgmeyer, California Bldg., has prepared plans for a 5-story class A ice storage bldg. to be erected on Jefferson St., bet. Main St. and Maple Ave., for Jefferson Ice Co. Dimensions, 148x100 ft., reinf. conc. constr., cork incubation; $95,000.

PHOENIX, Ariz.—T. B. Stewart Construction Co. has completed plans for and has started constr. of a 4-story and basement reinf. conc. wholesale bldg. and warehouse, 100x137½ ft., at the s.e. cor. of S. 4th and Jackson St., for O'Malley Invest. Co. Spanish style, reinf. conc. constr., stucco exter. on first story; ruff. brick above; white art stone trim, Spanish tile mansard roof, sprinkler system, plate glass, steel doors and sash.

POMONA, L. A. Co., Cal.—Meier and Bounetheau, 526 Title Insurance Bldg., have been commissioned to prepare plans for a 3-story department store bldg., to be erected at Pomona, for C. O. Bowen & Sons. Three-story and basement, 35x120 ft., brick walls, press. brick facing, tar and gravel rfg., struc. steel, sem. and hardwd. fls., passenger elevator, plate glass htg. undecided; $40,000.

REDONDO BEACH, L. A. Co., Cal.—Kroyer Tractor Co., operating a factory in Stockton and capitalized at $2,000,000, has selected a site in Redondo and will start work on a factory bldg. here to employ about 1000 men, for the manufacture of the Wizard tractor. The company is said to be entirely financed. J. M. Kroyer, pres., S. M. Foster and W. C. Currier, local representative, are the men behind the project.

BAKERSFIELD, Kern Co., Cal.—H. S. Mathews, of Los Angeles, is conferring with Chamber of Commerce regarding the establishment of a cotton mill in Bakersfield to manufacture goods from products grown in the San Joaquin valley and the Kern county section. It is proposed to remodel the Bakersfield Brewing plant as a first unit of the project. Other structures would be erected following the establishment of the plant.

FULLERTON, Orange Co., Cal. — Hamm & Grant, industrial Engrs., 607 Ferguson Bldg., are preparing plans and will erect a group of factory bldgs. at Fullerton for the Balboa Motor Corp. Bldgs. will include an office bldg., 80 by 100 ft., main factory, 168x280 ft., paint shop, 84x150 ft., and repair dept., 48x150 ft.; brick walls, steel sash, steel frame and roof trusses, saw-tooth roof constr., comp. rfg., cem. fls.; cost, $150,000.

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LONG BEACH, L. A. Co., Cal.—J. D. Sherer & Son, 1865 E. Anaheim Rd., Long Beach, have a contract for erect a $125,000, 3-story brick and concrete warehouse at 1500-06 W Anaheim Rd., Long Beach, for the American Wholesale Hardware Co. Found., 100x250 ft., comp. rfg., cem. fls.

BERKELEY, Cal.—The E. K. Wood Lumber Co. has purchased the entire block bounded by Rose, West and Hopkins streets and the Santa Fe tracks, and will establish a lumber yard and planing mill. Work on the plant will commence at once. When in operation the company will employ 200 men.

LOS ANGELES, Cal.—Archts. Morgan Walls & Clements, 1124 Van Nuys Bldg. are preparing plans for a 4-story class A factory bldg. to be erected on E First St. near Alameda St., for L. A. Soap Co. Dimensions, 130x130 ft., reinf. conc. constr., steel sash, metal skylights, steel rolling doors, elevators; $175,000.

PINEDALE, Fresno Co., Cal.—Minarets and Western Railway Co., is having plans prepared for a roundhouse and machine shop building here. Construction will be started shortly.

FRESNO, Fresno Co., Cal.—Sun Valley Packing Corp. of Fresno, capitalized at $500,000, has been incorporated. Company replaces two old firms, the Fruit Producers' Co. and the Klute-Fleming Co., and plants owned by these firms at Manteca and Sultuna will be enlarged and a new plant erected in Fresno.

FLATS

To Be Done By Day's Work.
FLATS Cost, $15,000
SAN FRANCISCO, S E Francisco and Laguna.
Two-story & basement frame (2) flats.
Owner—C. A. McKenzie, 508 Insurance Exchange Bldg., San Francisco.
Architect—None.

To Be Done By Day's Work.
FLAT BLDGS Cost, $8000 each
SAN FRANCISCO, E Octavia St. 25 to 150 N Chestnut St.
Six 2-story and basement frame flat bldgs. (2 flats each).
Owner — Sbarbaro, Detjen & Noonan, NE Chestnut and Octavia Sts., San Francisco.

Plans Completed.
FLATS Cost, $10,000
SAN FRANCISCO, E 14th St., bet. Alpine and Buena Vista.
Two-story & basement frame (2) flats.
Owner—R. Watson, 2429 Mission St., San Francisco.

Plans Completed.
FLATS Cost, $18,000
SAN FRANCISCO, W 14th Ave. betw. Fulton and Cabrillo Sts.
Two-story and basement frame and brick veneer residential flats.
Owner—Maurice Miller.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

GARAGES

Contract Awarded.
GARAGE Cost, $10,000
BERKELEY, 2065 Allston Way.
One-story class C garage.
Owner—W. E. Woolsey, Berkeley.
Contractor — T. P. Butterfield, 2488 Shattuck Ave., Berkeley.

Contractors Taking Glass & Painting Bids.
GARAGE Cost, $50,000
SAUSALITO, Marin Co., Water St.
Two-story and mez. floor reinforced concrete garage.
Owner—Clinton Mason, Sausalito.
Engineer—R. S. Chew, Rialto Bldg., San Francisco.
Contractor—John Spargo, Russ Bldg., San Francisco.

SANTA MONICA, L. A. Co., Cal. — Webster & Chrysler, 500 Markham Bldg Hollywood Blvd., near Cahuenga Ave., have prepared plans for a 1-story brick auto sales and garage bldg. to be erected at Euclid Ave. and Santa Monica Blvd., Santa Monica, for Frances and Herman McMahan, Western States Construction Co. has started work on the foundation, 150x135 ft. Cost, $55,000.

LOS ANGELES, Cal.—J. A. Kemp, 803 E 28th St., has the contract to erect a part one and part two-story garage and store bldg., cor. of 20th St. and Figueroa, for H. H. Cotton and C. C. Tatum. C. C. Rittenhouse, 449 Wilcox Bldg., archt. Part one and part two-story, 125x100 ft., brick walls, press. brick facing, steel beams, comp. rfg., gas unit htg., plate glass, cem. fls.; $42,000.

AUBURN, Placer Co., Cal. — W. B. Lardner, Jr., Auburn, at approx. $35,000 awarded contract by Central California Corporation to erect garage building, 100 feet square, at High and Reamer Sts. Will be leased to Verne M. Ford, auto dealer of Auburn.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for fur. and del. materials to Navy Yards, as follows; date for opening bids as noted at end of each paragraph.

Schedule 1711, for Puget Sound, 2000 tin cans, Jan. 8.

Schedule 1724, for Mare Island, 11,425 pounds monel metal, Jan. 15.

Schedule 1729, for Puget Sound, miscellaneous twist drills. Jan. 22.

Schedule 1732, for San Diego, 3000 ft. cotton fire hose, Jan. 8.

Schedule 1733, for various eastern and western yards, miscellaneous rotary converters and spares, Jan. 22.

Schedule 1736, for Puget Sound, 96 hose fittings, Jan. 22.

PUGET SOUND, Wash.—Puget Sound Bridge and Dredging Co., 811 Central Bldg., Seattle, at $48,750 awarded cont. by Bureau of Yards and Docks, Navy Department, for dredging at Puget Sound under Spec. 4708.

SAN DIEGO, Cal.—Until Jan. 9, bids will be rec. by Bureau of Yards and Docks, Navy Department, under Specification No. 4933 to construct storehouse, barracks, etc., at Marine Corps Base, San Diego.

SAN FRANCISCO.—Until Jan. 8, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5030, for fur. and del. Rio Vista Solano county: one 10-ton traveling crane without lifting blocks and tackle. Further information obtainable from above office.

PORTLAND, Ore. — Following bids rec. by U. S. Engineer Office to fur. and place 230,000 tons of rock for Umpqua Jetty:

Joplin and Eldon, $1.42 per ton.
A. D. Kern, $1.47 per ton.
Johnson Cont. Co., $1.47 per ton.
Miami Quarry Co., $1.57 per ton.
Recommendation made to Washington that contract be awarded low bidder.

KETCHIKAN, Alaska—Until Feb. 12, 2 p. m., bids will be rec. by Superintendent of Lighthouses, Ketchikan, for fur. and del. one gasoline hoist, 2-drum with derrick swinging gear, 30 h.p. and one stiff leg derrick for Cape Spencer light Station, Alaska. Spec. obtainable from above.

HUMBOLDT COUNTY, Calif. — Chief Engineer, Washington, D. C. has authorized U. S. Engineer Office, San Francisco, (First District) to ask bids for furnishing and delivering stone for jetty construction at entrance to Humboldt Bay.

PORTLAND, Ore.—Heath Engineering Laboratories, Inc., San Francisco, only bidder at $1296.75, awarded cont. by Lighthouse Supt., Portland, to fur. and install electric siren for Grays Harbor light station.

PORTLAND, Ore—C. V. Palmer, Tualatin, Ore., at $2115.50 awarded cont. by Lighthouse Supt., Portland, to fur. 200 spruce buoys logs. Other bids: Reig Ship Knee Co., Portland, Ore., $3635 and $3758.75; Niedermeyer-Martin Lumber Co., Portland, Ore., $4650; Lewis Lumber Co., Seattle, Wash., $6100.

PUGET SOUND, Wash. — Bureau of Yards and Docks, Navy Department, Washington, D. C., has completed Specification No. 4928 for barracks building for radio operators at Puget Sound Navy Yard and bids will be asked for shortly. Applications for plans may be filed with Bureau now.

PUGET SOUND, Wash.—Bureau of Yards and Docks, Navy Department, Washington D. C., is preparing Spec. 4928, for two-story and basement building with concrete foundations, basement walls, frame construction for floors and walls above basement, bevel siding, shingle roofing, plastered interior walls and ceiling and heating, lighting and plumbing system at the navy yard, Puget Sound.

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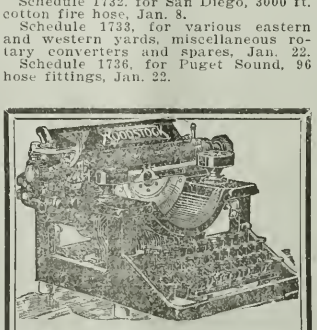

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SAN DIEGO, Cal. — Robt. J. Wright, 4581 Edgware Rd., San Diego, at $3,-0'8.75 time for completion 60 days, awarded cont. by Bureau of Yards and Docks, Navy Department, to construct scrub decks at Naval Operating Base, Marine Barracks, San Diego. Work under Specification No. 4925.

WASHINGTON, D. C. — Unofficial word has been received by this office from Washington that the following firms submitted the lowest bids on the heating, electric and plumbing. A complete list of the bids will be published shortly. The bids for the general contract was reported yesterday.

Plumbing to Latourrette-Fical Co., Sacramento, $79,000.

Heating to Thomas Plumbing & Heating Co., approx. $92,500.

Electrical work to M. E. Ryan, 259 Tehama St., S. F., $45,000.

WASHINGTON, D. C—The following bids were opened on December 29th, by the U. S. Veterans' Bureau, Arlington Bldg., Washington, for the construction of a group of twelve hospital buildings to be erected in Livermore, Alameda County. Plans were prepared by the Construction Division of the Bureau in Washington and call for buildings with stuccoed hollow tile walls, reinforced concrete floors, tile and composition roofs, of the Spanish style of architecture.

The bids were taken under advisement.

(Item 1)

Howard S. Williams, 180 Jessie St., San Francisco	$637,600
Reilly & Nemetz, 180 Jessie St., San Francisco	665,202
Robert Trost, San Francisco	669,921
Mahony Bros., San Francisco	678,000

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department Washington, D. C., for fur. and del. materials to Navy Yard as follows; date for opening bids as noted at end of each paragraph:

Schedule 1711, Puget Sound, 2,000 tin cans, Jan. 8.

Schedule 1713, various eastern and western yards, a miscellaneous quantity of globes, Jan. 8.

Schedule 1714, various eastern and western yards, a miscellaneous quantity of plastic fire brick material, Jan. 8.

Schedule 1718, Norfolk and Mare Island, 26,200 feet steel pipe, Jan. 15.

Schedule 1719, Hampton Roads, 228 reams emery cloth, Jan. 8.

Schedule 1720, Mare Island, 7625 lbs. money metal, Jan. 15.

Schedule 1721, Mare Island, 9000 composition nipples, Jan. 15.

Schedule 1722, Mare Island, a miscellaneous quantity of brass machine

LIVERMORE—See "Hospitals," this issue.

SAN FRANCISCO — The following bids were opened on Jan. 3rd by the Supervising Superintendent Post Office Building for plumbing at the U. S. Custom House:

Burnham Plumbing Co.	$195
Jas. H. Pinkerton	256
Lawson & Drucker	295
Fred W. Snook	291.50
Shepherd Bros.	365.00
Turner Co.	359.50
Frank J. Klimm	567.00

SAN DIEGO, Cal.—Following bids rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., for scrub decks at naval operating base, Marine Barracks, San Diego, under Specification No. 4925:

Robert E. McKee, P. O. Box 116, San Diego, Calif., $3461.

Robert J. Wright, 4581 Edgeware Rd., San Diego, Calif., $3,098.75.

DeWaard & Cobham, 207 Granger Bldg., San Diego, Calif., $4,900.

Great Western Building Co., 456 Spreckels Bldg., San Diego, Calif., $3,-977.

Universal Constr. Co., 316 W. De Wald St., Fort Wayne, Ind., $4929.

SAN FRANCISCO—Provision is made in Naval Omnibus Bill recently sent to Congress by Navy Dept., for a Marine Corps' Supply Depot for San Francisco. The structure would be erected on the old Sailors' Home site in Harrison St. The cost of the structure including the grading would not exceed $335,000.

WASHINGTON, D. C.—Representative Raker of Calif., has introduced Bill (H. R. 114) authorizing and directing the public printer to provide a pulp and paper mill or mills for the manufacture of print paper for the Government with a daily capacity of not less than 50 tons of paper and to be located on the Pacific Coast.

SAN FRANCISCO, Cal.—Bids will be received until Jan. 23, 1924 at 12 o'clock noon by the Supervising Superintendent, W. A. Newman, Post Office Bldg., 7th and Mission Sts., for repairs and painting of the Mint on S corner of 5th and Mission Sts.

HALLS AND SOCIETY BUILDINGS

HUNTINGTON PARK, L. A. Co., Cal. James C. Barr, 120 N Pacific Blvd., Huntington Park, has completed plans for a 3-story class A Masonic temple bldg. to be erected on S Pacific Blvd., Huntington Park, for the Masonic Building Corp., it will have 2 stores and lobby on first floor, 4 office studios and large hall on second floor and lodge rooms on third. Reinf. conc. and steel constr., press. fls., gas furnace htg., aut. elec. elevator, tiled toilets; $90,000.

KINO BAY, Sonora, Mex.—Kino Bay Townsite Co. is planning to expend approx. $100,000 on a club house at Kino Bay, where golf links, tennis courts, and other amusement interprises are under way. Tracts of land around the bay are being plotted into bldg. lots M. P. Carlock is pres. of the company. The Pearson Syndicate is said to be surveying a route for a railroad to traverse the state of Sonora, with its terminus at Kino Bay, touching Hermosillo and Poza en route. The Pearson Syndicate is an English corporation owning mining and timber interests in Sonora and other Mexican states.

TACOMA, Wash.—Tacoma Odd Fellows Temple Assn., recently organized, will erect a $100,000 lodge building at Fawcett and 6th Aves. Architect is yet to be selected.

PASADENA, L. A. Co., Cal.—Anton Johnson & Co., 1007 S Grand Ave., have been awarded the contract at about $85,000 to erect a new clubhouse at Pasadena for the Shakespeare Club. Allison & Allison, 1405 Hibernian Bldg., archts. English style, brick constr., slate rfg.; there will be an auditorium to seat about 900 people.

SACRAMENTO, Cal. — Eastern Star Hall Ass'n. of Sacramento has be n incorporated with a capital stock of $100,000 and will erect a $100,000 lodge hall. No architect has been selected as yet to prepare the necessary plans.

HOSPITALS

Figures to be Taken in Two Weeks.

HOSPITAL Cost, $150,000

SAN FRANCISCO SE Jacks n and Trenton Streets.

Four-story reinforced concrete hospital

Owner—Chinese Six Companies.

Architect—Alfred 1. Coffey, Humboldt Bank Bldg., San Francisco.

Contracts Awarded.

HOSPITAL BLDGS. $1,000,000 Approx.

LIVERMORE, Alameda Co., Cal.

Group of hospital buildings with stuccoed hollow tile walls, reinforced concrete floor, slabs, Spanish style, tile and composition roofing.

Owner—U. S. Veterans' Hospital.

Architect — Construction Division of the Bureau, Washngton, D. C.

General contract to Howard S. Wlliams 180 Jessie St., S. F., $757,740, 440 days.

Mechanical equipment awarded to Latourrette-Fical Co., 907 Front St., Sacramento, $213,800.

LIVERMORE, Alameda Co., Cal.—See "Government Work," this issue for bids on Veterans' Hospital.

VENTURA, Ventura Co., Cal.—Dr. J. H. Talbott, of Los Angeles, is in Ventura county inspecting sites near Fillmore and Santa Paula for a proposed $75,000 sanitarium. Dr. Talbott states he will undoubtedly select a site in Ventura county for his new project.

TALMAGE, Mendocino Co., Cal—Construction of a receiving building at the Mendocino state hospital, to cost approx. $144,000, has been ordered under construction by W. D. Wagner, director of the State Department of Institutions. Funds for the work were provided by the State Legislature.

LOS ANGELES, Cal. — The Jewish Orphans Home Society is negotiating for a site in the western section of Los Angeles and will erect a group of buildings for an orphans' home. They will be of masonry construction and the first units will cost $250,000. S. Tilden Norton and Frederick H. Wallis, 716 S Spring St., are the architects.

SALINAS, Monterey Co., Cal.—Supervisors contemplate erection of 4-room insane ward at county hospital grounds Plans will probably be prepared by Howard Cozzens, county surveyor.

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HOTELS

SANTA MONICA, Cal.—See "Apartments," this issue.

PT. LOMA, San Diego Co., Cal.—Architect Myron Hunt, 1107 Hibernian Bldg., is preparing plans for a Class A hotel building to be erected at Pt. Loma for Pt. Loma Hotel Co. It will be five-story irregular in shape and will contain 400 rooms; reinforced concrete construction. Cost, $1,500,000.

GLENDALE, L. A. Co., Cal.—Engineering Service Corp., 1316 Washington Bldg., Los Angeles, is preparing plans for a 3-story class A hotel bldg., to be erected near Verdugo Rd. and Colorado St. for the Hotel Sanitariums Co., James B. Ferguson, Sun Drug Bldg., Los Angeles, in charge; it will contain 110 rms. each with bath, lobby, kitchen and dining room. Reinf. conc. constr, 3-story and basement; there will be four wings, dimensions over all, 150x260 ft., press. brick and terra cotta facing, steam htg. system, tiled baths, marble and tile lobby, pine trim.

LOS ANGELES, Cal. — Archt. S. B. Birds, 310 Frost Bldg., has prepared plans for a 4-story hotel bldg. to be erected on Santa Monica Blvd. near Western Ave., for Wm. H. O. Dearing, 5540 Santa Monica Blvd. It will contain 96 rms., dimensions, 50x175 ft., bric kwalls, press. brick facing, plate glass, steel beams, comp. rfg., fire escapes, pine trim, tiled baths, steam htg.; $100,000.

ICE AND COLD STORAGE PLANTS

WENATCHEE, Wash.—Archts. Morrison and Stimson, Wenatchee and Spokane, Wash., has completed preliminary plans for proposed $400,000 cold storage and fruit warehouse to be erected for Morris, Lockenbeck and Pate; est. cost of bldg. $250,000, balance for equipment. Will be brick and tile construction, 3 stories high.

SEATTLE, Wash.—Seattle building corporation is planning the erection of a $300,000 combination auditorium and ice arena, it is announced by Pete Muldoon, manager of the Seattle Hockey Club of the Pacific Coast Hockey Assn. Structure would seat 5,000 for hockey with 2500 seated on the floor. Erection of the structure, however, depends on the proposed municipal auditorium for which Seattle contemplates voting bonds of $750,000 to finance. If the muny auditorium is erected, the private project will be abandoned.

POWER PLANTS

MODESTO, Stanislaus Co., Cal—Until Jan. 24, 10 a. m., bids will be rec. by C. S. Abbott, secy. Modesto Irrigation District to furnish labor and materials to complete electrical distributing system of district, as follows:

Rural Territory: Build 60 mi. of 3-phase, 4-wire line, and 160 miles single phase, 2-wire line.

City territory: Build 9-mi. 3-phase, 4-wire overhead line and 20-mi. single-phase, 2-wire overhead lines.

Schedule No. 1, 3200 butt treated poles.
Schedule No. 2, 1600 cross-arms.
Schedule No. 3, line hardware.
Schedule No. 4, metal and wood pines.
Schedule No. 5, insulators.
Schedule No. 6, wire.
Schedule No. 7, labor for constructing overhead system.

Separate bids are desired for labor and materials. Spec. obtainable from secretary of district, R. J. O'Connell, electrical engineer for district. **See call for bids under official proposal section in this issue.**

OLYMPIA, Wash.—Stone and Webster, engineers and contractors, file application with State Hydraulic Engineer seeking authorization to construct $600,000 hydro-electric power plant on

NOTE:—The third annual conference of the Pratt Building Material Co. was held in Sacramento and Prattrock (near Folsom) on Friday and Saturday, January 4th and 5th. Everybody from the office boy in the main office at San Francisco to Sandy Pratt, president, journeyed to Sacramento and met the superintendents, assistant superintendents and other employees of the sand producing plants at Marysville, Prattco (Monterey Co.), and Sacramento. Similar employees of the Pratt Rock & Gravel Co. (Sandy's new crushed rock company) were also present.

Talks by officials and employees of Sandy's two companies and by several prominent Rotarians from San Francisco and Sacramento were held during the two days conference.

Among those at the conference which was held at the sand-producing plant on the American River at Sacramento and the new rock and gravel plant at Prattrock on the Tahoe-Placerville highway, were (From San Francisco) Mr. and Mrs. Clarence F. Pratt, (Mr. Pratt is president of both companies—Pratt Building Material Co. and the Pratt Rock & Gravel Co.); Mr. and Mrs. Howard W. Senter (Mr. Senter is secretary of the new crushed rock company and credit man for both companies); Mr and Mrs. John B. Long (Mr. Long is salesmanager); Mrs. Violet E. Munday, cashier and Miss Dorothy Vallen, assistant cashier. (From Marysville) Mr. and Mrs. H. C. Cate, Mr. Cate is plant superintendent; (From Prattrock, near Folsom) Mr. and Mrs. Joseph W. Pike, Mr. Pike is plant engineer; Mr. and Mrs. R. O McGowan, Mr. McGowan is foreman; Mrs. E. A. Bunker, cashier. (From Prattco, Monterey Co.) Mr. and Mrs. L. H. Womack, Mr. Womack is plant superintendent; (From Sacramento) Mr. and Mrs. M. M. Albee, Mr. Albee is plant superintendent and district salesmanager; Mrs. Helen Kalar, cashier. A banquet, jinks and speeches at the Hotel Sacramento on Friday evening was the main event — Clarence Sand Pratt, January, 1924.

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ARE LIKE a large family.
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MOST OF the employees.
* * *
HAVE BEEN with.
* * *
THE PRATT Building Material Co.
* * *
FOR MANY years.
* * *
AND ALL of the people.
* * *
IN THE list of guests.
* * *
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* * *
AND SANDY Pratt, producer.
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* * *
THAT IF you wish.
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YOUR BUSINESS.
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TO BE more successful.
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MAKE YOUR employees stockholders.
* * *
IN YOUR company.
* * *
YOU GIVE better service.
* * *
AND MAKE more money.
* * *
FOR AS Rotarians preach.
* * *
"HE PROFITS most.
* * *
WHO SERVES best."
* * *
SPEAKING OF Rotarians.
* * *
MOST OF the speakers.
* * *
ON JANUARY 4th and 5th.
* * *
AT SANDY Pratt's Annual Conference.
* * *
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* * *
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WILL EXPLAIN how to sell stuff.
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"I THANK you"

Scene at the third annual conference of the Pratt Building Material Co. (Sandy Pratt, President) at Sacramento, January 4th and 5th, 1924. Mr. B. A. Sharprock of Prattrock, west of the Rocky Mountains, greets Miss I. C. U. R. Rockcandy of the main office in San Francisco. Miss Rockcandy was born in the "bed" of the Yuba River, where Sandy produces his Marysville sand. She likes Sanddabs, Rocky Ford Muskmelons, but not cantaloupe (can't elope).

Sultan river in Snohomish county, Wn., for Puget Sound Light and Power Co., to supply power to cities and towns in that country. Project involves const. of timber crib diversion dam, 15-ft. high, 200 ft. long with 1.6-mi. canal. Power plant will have working head of 100-ft. developing 4000 killowatts.

LODI, San Joaquin Co., Cal.—Western States Gas and Electric Co. rejects offer of city trustees to purchase for $7500 the lines of the company in newly annexed territory to Lodi. The trustees have ordered plans prepared for installation of its own lines.

CALIFORNIA—Directors of San Joaquin Light and Power Co., Fresno, vote to expend approx. $6,000,000 for extensions and general development work on its lines and those of subsidiary companies, which include the Midland Counties Public Service Corporation and the Fresno City Water Corp. The San Joaquin Light and Power Corporation's expenditures will be in excess of $5,500,000. The cost of additional distribution lines and services to supply new consumers throughout the valley is estimated at $1,300,000. More than $550,000 will be expended for improving present distribution lines and increasing substation capacities to handle the growth of the load. Enlargement of the ditches on the Crane valley system to provide more generating capacity, further development work on the Kings river project, new transmission lines and general improvements to the company's fourteen power plants will require an outlay of $500,000, such as new gas holders and mains in Selma and Merced, gas mains in Bakersfield and water mains in Selma, buildings and sundry betterments, will entail expenditures of $650,000. In addition to this construction work of $3,000,000, the corporation will expend $2,500,000 in labor and materials for the operation of its electric, gas, water and railway system. The Midland Counties public Service Corporation, operating in Coalinga and on the coast, plans extensions to its system to cost $300,000, of which $200,000 is to provide for lines and services to new consumers and $100,000 for improvements in substation and existing lines. A. Emory Wishon is general manager of the company.

PUBLIC BUILDINGS

Plans Being Prepared.
FIRE ESCAPES Cost, $1200
STOCKTON, San Joaquin Co., Cal.
Fire escapes for court house.
Owner—San Joaquin County.
Architect—Ralph P. Morrell, 41 S Sutter St., Stockton.

SEATTLE, Wash.—See "Ice and Cold Storage Plants." Ice rink and municipal auditorium planned.

RICHMOND, Contra Costa Co., Cal.—V. G. Electrical Co., 1314 Macdonald Ave., Richmond, at $375 awarded contract by city council to fur. and install electric fixtures in new public library. Other bids: Pioneer Electric Co., $415; Pacific Elec. Mfg. Co., $454; Boyd Elec. Co., $475.

SAWTELLE, Cal.—L. A. City Park Department, Exposition Park, has completed plans for a branch city hall bldg to be erected at Sawtelle by Los Angeles City. Two-story 106x106 ft., brick constr., cem. plas. and cast stone exter., clay tile rfg., pine trim, oak and pine fis., marble and tile work, metal lath, htg; $125,000. Work will be done by sub contract.

TULARE, Tulare Co., Cal. — W. A. Tuggle, Tulare, at $6749 awarded cont. by city trustees to remodel city hall. Other bids: H. J. Bebeau, $7147; Barkelew and Gould, $7347; P. A. Nicken, $8875. Tulare Plumbing Co., at $890 awarded heating contract. J. R. Henderson, of Tulare, is the architect.
(48785) 1st report Dec. 10; 2nd Dec. 22, 1923. 13

RESIDENCES

To Be Done By Day's Work.
RESIDENCES Cost, $3800 each
SAN FRANCISCO, W Winding Way N Naylor etc.
14 1-story frame residences.
Owner — Crocker Estate Co., Crocker Bldg., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $7500
OAKLAND, Excelsior Tract.
One-story frame and stucco residence with tile roof.
Owner—D. Hurley.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley .

To Be Done By Day's Work.
DWELLINGS Cost, $3000 each
SAN FRANCISCO, W Edgar 125 S Bruce etc.
Eight 1-story and basement frame dwellings.
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco.

Plans Completed.
DWELLING Cost, $10,000
BERKELEY, 1415 Hawthorne.
Two-story 8-room frame dwelling.
Owner—E. S. Riddell, 2327 Cragmont Ave., Berkeley.

To Be Done By Day's Work.
DWELLINGS Cost, $5000 each
SAN FRANCISCO E Westwood N Wildwood etc.
Six 1-story and basement frame dwlgs
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas F. Strothoff, 2274 15th St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $1000
BERKELEY, Hawthorne Terrace.
One-story frame and plaster residence.
Owner—Col. C. H. McNeil.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.

Contract Let.
RESIDENCE Cost, $12,000
FRESNO, Fresno Co., Cal.
Two-story frame and stucco residence.
Owner—Elmare Winkler.
Architect — Swartz & Ryland, Rowell Bldg., Fresno.
Contractor—Shorb & Neads, 1309 Linden St., Fresno.

Construction Started Under Supervision of Architect.
RESIDENCE Cost, $12,500
FRESNO, Fresno Co., Cal. Terrace and Van Ness Ave.
One-story brick and stucco residence (7 rooms and bath)
Owner—C. J. Ryland.
Architect — Swartz & Ryland, Rowell Bldg., Fresno.

Contractor Taking Sub-Figures.
RESIDENCES Cost, $5000 each
SAN FRANCISCO, E Twenty-second Ave. 175 to 275 N Irving St.
Five one-story and basement frame residences.
Owner—Jos. L. Licht, 1883 Fulton St., San Francisco.
Designer & Contractor — A. M. Hardy, 518 24th Ave., San Francisco.

Plans Being Prepared.
BUNGALOWS Cost, $6,000 each
SAN FRANCISCO, Richmond District.
Five one-story and basement frame and stucco bungalows.
Owner—Withheld.
Architect & Contractor—A. M. Hardy, 518 24th Ave., San Francisco.

Plans Completed.
RESIDENCE Cost, $15,000
SANTA ROSA, Sonoma Co., Cal., 4th St. opp. the end of McDonald Ave.
One and 2-story frame and stucco residence and garage.
Owner — Dr. and Mrs. Jos. H. Shaw, Hahman Bldg., Santa Rosa.

Completing Plans—Figures To Be Taken In Two Weeks.
RESIDENCE Cost, $—
SAN FRANCISCO, Santa Clara Ave.
Two-story frame and plaster residence (10 rooms, shingle roof).
Owner—De Witt Taylor.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.

Low Bidders.
RESIDENCE Cost, $20,000
SAN FRANCISCO, Monterey Blvd., St. Francis Wood.
Two-story frame and plaster residence
Owner—H. B. Holt of Bekin Van and Storage Company.
Architect—H. H. Gutterson, 278 Post St., San Francisco.
Low Bidders—Taylor and Jackson, 290 Tehama St., San Francisco.

Plans Completed.
RESIDENCE Cost, $12,000
SAN FRANCISCO, E 21st Ave. 100 N Lake.
Two-story and basement frame residence.
Owner—C. H. Peterson, 185 Stevenson, San Francisco.
Architect — August G. Headman, Call Bldg., San Francisco.

Figures To Be Taken In A Week.
RESIDENCE Cost, $12,000
SAN FRANCISCO, Windsor Terrace.
Two-story frame and stucco frame residence.
Owner—Withheld.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.

DURO
California Cedar Products Co.
All-Key Plaster Lath
(Patented)
100% Mechanical Key.
Plaster Wall Board
(Patent applied for)
The Last Word in Wall Board.
CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

Plans Being Prepared.
RESIDENCES Cost, $1500 each
SAN FRANCISCO, St. Francis Wood.
Two 2-story frame and plaster residences.
Owner—Garden Homes Co.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.

To Be Done By Day's Work.
DWELLING Cost, $11,000
SAN FRANCISCO, S Greenwich 175 W Larkin.
Two-story and basement frame dwlg.
Owner—J. L. Collins, 180 Jessie St., San Francisco.
Architect—W. G. Hind, Hearst Bldg., Francisco.

Completing Plans—Figures To Be Taken In Two Weeks.
RESIDENCE Cost, $12,000
STOCKTON, San Joaquin Co., Cal.
1½-story hollow tile residence with tile roof.
Owner—E. Campidonico.
Architect—Ralph P. Morrell, 41 S Sutter St., Stockton.

FRESNO, Fresno Co., Cal.—Pearl Investment Co., Fresno, is having plans prepared for twenty bungalows to be erected in the Ventura Addition. Each structure will contain four rooms and bath; est. cost $3000 each.

SCHOOLS

Plans Being Figured—Bids Close January 14, 1923, 4:30 p. m.
SCHOOL Cost, $92,000
OAKLAND, Alameda Co., Cal., Hawthorne School site, E 17th St. and 29th Ave.
Two-story reinforced concrete school 9 rooms, auditorium and principals office.
Owner—City of Oakland.
Architect — John J. Donovan, 1916 Broadway, Oakland.
This structure will replace the one recently destroyed by fire.
See call for bids under official proposal section in this issue.

Commissioned to Prepare Plans.
SCHOOL Cost, $180,000
COLMA, San Mateo Co., Cal.
Reinforced concrete school bldg.
Owner—Jefferson Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
NOTE—Bonds have been sold.

Plans Being Prepared.
ADDITION Cost, $11,000
STOCKTON, San Joaquin Co., Cal. Montezuma District, near Stockton.
Two-room frame addition to school.
Owner—Montezuma School District.
Architect—Ralph P. Morrell, 41 S Sutter St., Stockton.

Figures To Be Taken In About Two Weeks.
SCHOOLS Cost, $100,000
SALINAS, Monterey Co., Cal., Maple & California Sts. & Central Ave. and Capitol St.
Two 1-story concrete school bldgs.
Owner—Salinas School District.
Architect—John J. Donovan and Davis-Heller-Pearce Co., Delta Bldg., Stockton, associated.

YUBA CITY, Sutter Co., Cal.—Until Jan. 12, 10 a m., bids will be rec. by E. L. Davis, clerk, Barry Union School District, for fur. lumber. Cert. check 5% of amount bid payable to clerk req. Further information together with lists of materials desired obtainable from clerk by addressing Route 1 Yuba City.

LODI, San Joaquin Co., Cal.—Until Jan. 15, 10 A. M., bids will be rec. by Geo. F. Bancroft, Clerk, Woods School District, to fur. and install 400 auditorium chairs in school. Further information obtainable from clerk.

STOCKTON, San Joaquin Co., Cal.—R. W. Moller, Call Bldg., S. F., is taking bids for lumber for the group of buildings to be erected in Stockton for the College of the Pacific. Davis-Heller Pearce Co., Delta Bldg., Stockton, are the supervising architects.

LOS ANGELES, Cal.—Until 9 a. m., Jan. 18, bids will be rec. by the board of education for erecting gymnasium bldgs. at San Pedro high, Van Nuys high and San Fernando high school sites; date extended from Jan. 2. Plans were prepared by Archt. Albert C. Martin, Higgins Bldg.

SO. PASADENA, L. A. Co., Cal. — Archt. Myron Hunt, 1107 Hibernian Bldg., has been commissioned to prepare plans for a group of bldgs. to be erected at South Pasadena for the Boys and Girls Aid Society. Reinf. conc. fireproof constr.; the first units will cost $150,000.

LOS ANGELES, Cal.—J. F. Atkinson, 1102 Story Bldg., was awarded the general contract at $238,700 for erecting the new Belvedere junior high school bldgs. at Brooklyn Ave. and Records St. Edgar H. Cline, Ferguson Bldg., archt. Other contracts were awarded as follows: Plumbing to G. C. Sutton at $20,316; heating to Thos. Haverty Co. at $28,350; painting to H. H. Mann at $6556; and wiring to S. & H. Service Electric Co. at $11,997.50. The main bldg. will be 2-stories and part 3-story, 247x135 ft., with a 2-story domestic science and cafeteria bldg., 144x44 ft., and bldgs. for boys and girls locker rooms; brick constr., press brick and cast stone trim, clay tile and comp. rfg., pine trim, maple fls.

SANTA MONICA, L. A. Co., Cal.—Archts. Allison & Allison, 1405 Hibernian Bldg., L. A., are preparing working plans for additional bldgs. at Lincoln high school site at Santa Monica. The structures will include manual arts bldg., auditorium, cafeteria, girls' gymnasium and domestic science dept. Brick constr., clay tile rfg.; $230,000.

SANTA ROSA, Sonoma Co., Cal.—The Board of Trustees of the Santa Rosa Union High School District awarded a contract to W. H. Picard, 5656 College Avenue, Oakland, at approximately $44,000, for the plumbing, heating and ventilating for the new high school building. The contract was awarded on Propositions 3, 5 and 11 (Birchfield, oil burning equipment and foot warmers). Mr. Picard agreed to deduct one per cent from his original bids if awarded both contracts.

The electrical bids were taken under advisement as the architect, Mr. W. H. Weeks, considers them too high.

MARYSVILLE, Yuba Co., Cal.—I. N. Evans, Marysville, at approx. $20,000 awarded contract to erect new commercial department classroom building at Convent of the Notre Dame.

LOS ANGELES, Cal.—Until 9 a. m., Jan. 25, bids will be received by the board of education for erecting an addition to the Alexandria Ave. school, Alexandria Ave. near Oakwood Ave.; Loy L. Smith, archt. Bids will be taken separately on the general contract, plumbing, painting, heating and wiring. Two story, 11 rooms, brick constr.; $77,000.

FILLMORE, Ventura Co., Cal.—Until 1:30 p. m., Jan. 22nd, bids will be rec. on gen. contr. with htg. and vtg., elec. wiring, painting, plumbing and program clock separate for a new high school bldg., to be erected at Fillmore, for the Fillmore Union High School District. Norman F Marsh, 211 Broadway Central Bldg, archt. It will have 8 classrooms and auditorium to seat about 1200; auditorium will be of reinf. conc., skeleton with hollow tile curtain walls, bids will be taken for classrms. on reinf. conc. constr. with alternates for brick and hollow tile walls, tile and comp. rfg., hardwd. fls., etc.

REDWOOD CITY, San Mateo Co., Cal.—Until Jan. 15, 8 P. M., bids will be rec. by H. Steinberger, clerk, Redwood City School Disctrict, for alterations and additions to two school buildings. Norman R. Coulter, Architect, 46 Kearny St., San Francisco. **See call for bids under offical proposal section in this issue.**

LOS ANGELES, Cal.—Gillis & Shepard, 1417 Dana St., were low bidders at $30,660 for the general contract for erecting an addition to the Soto St. school bldg., n.e. cor. Soto and Atlantic Sts. Low bidders on the other contracts were: G. C. Sutton on the plumbing at $2740; Thos. Haverty Co. on the heating at $2975; H. H. Mann on painting at $690; and Peerless Electric Co. on wiring at $1065.

BAKERSFIELD, Kern Co., Cal—C. E. Teach, city supt. of schools, recommends $300,000 expenditure to finance school improvements during year 1924. Program includes erection of new school in Alta Vista tract; completion of the Lincoln and Hawthorne schools; unit additions to Franklin and Williams schools; class additions to McKinley, Roosevelt and Wm. Penn buildings and erection of auditorium at Emerson school.

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LOW PRICES
FRESH STOCK

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MAGNESITE must be sealed because of its porous, crystalline structure. Fuller Floor Preservative penetrates deeply and seals magnesite thereby making it non-porous, oil and water-proof without affecting its color.

But Fuller Floor Preservative does more than seal. By filling the voids between the particles of magnesite a continuous, durable surface is formed which resists wear and tear. It prevents grinding-in of dust and dirt which causes the dark stains so often seen on magnesite. The eggshell gloss surface of Fuller Floor Preservative is easily kept clean and can be waxed, painted or varnished if desired.

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An occasional application of Fuller Floor Preservative will keep wood or linoleum as well as magnesite floors looking their best and make them wear longer.

A generous sample of Fuller Floor Preservative will be sent without charge. Write on your letterhead to Dept. B-2.

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PAINTS Since 49 **VARNISHES**

301 Mission Street San Francisco, Calif.

LOS ANGELES, Cal.—J. F. Atkinson, 1102 Story Bldg., was low bidder at $238,700 on the general contract for erecting a new junior high school bldg. at Belvedere high school site, s.e. cor. of Records St. and Brooklyn Ave. Adgar H. Cline, Ferguson Bldg., archt. Low bidders on the other contracts were: G. C. Sutton on plumbing at $20,-316; Thos. Haverty Co. on heating at $28,530; H. H. Mann on painting at $6556, and S. & H. Service Co. of Alhambra on wiring at $11,997.50. The main bldg. will be part 2-story and part 3-story 247x135 ft., with a 2-story domestic science and cafeteria bldg., 144x44 ft., and bldgs. for boys' and girls' locker rooms; brick construction, press. brick and cast stone exterior, clay tile and comp. rfg., pine trim, maple flrs. The bids were: General Contract—J. F. Atkinson, $238,700; J. C. Bannister, $245,000; Salih Bros $247,-931; North Pacific Construction Co., $255,525; K. R. Bradley Construction Co $259,890; Darrell Condley Co., $261,977; J. F. Kobler, $268,941; Anton Johnson Co., $279,000; Barrett & Hilp, $273,000; John B. Dawson, $283,800; Los Angeles Planing Mill Co., $285,416; Macdonald & Driver, $289,563; J. A. Hill Construction Co., $286,890. Plumbing—G. C. Sutton, $20,316; Coker & Taylor, $20,793; Ashworth & Gallop, $20,949; Buffalo Plumbing Co., $24,946. Heating & Ventilating—Thos. Haverty Co., $28,530; Frank Davidson, $28,000; Hoagland-Lagin Co., $29,198; J. Hokom, $30,867; Western Engineering & Construction Co., $30,950; Midgley Bros., $32,800. Painting—H. H. Mann, $6556; Paul B. Johnston, $6650; R. E. Swan, $7220; Robert P. Tuttle Co., $7259; R. Rasmussen, $7300; E. Dradbaugh, $7330; Alhambra Wall Paper & Paint Co., $8300; Parker-Judge Co., $8845; E. A. Lindgreen, $9466; Arenz-Warren Co., $9991; Wiring—S. & H. Service Electric Co., $11,997.50; H. H. Walker, $12,260; Newbery Elec. Corp., $12,300; Peerless Elec. Co., $12,800; American Electric Construction Co., $12,460.95; Graham Electric Co., $15,888.

TACOMA, Wn.—Bd. of Educ. has $2,-400,000 available for school bldg. construction in 1924. Preliminary plans for 2-story and base., brick, $120,000 Lincoln-Logan school have been approved. Bullard and Mason, architects. Tacoma. The Madison, Arlington and Dash Point schools, each to cost $20,-000, will be designed by Architects Hill, Mock and Griffin, of Tacoma. Each building will be one-story brick construction.

BANKS, STORES & OFFICES

Contract Awarded.
STORE BLDG. Cost, $17,000
FRESNO, Fresno Co., Cal., 604 Blackstone Ave.
Store building.
Owner—H. Baker.
Contractor — Valley Bldg. & Inv. Co., Fresno.

Bids Opened.
STORE FIXTURES Cost, $—
SAN FRANCISCO, 47 Kearny St.
Store fixtures.
Owner—Conn San Francisco Co.
Architect—V. W. Houghton, 275 Post St., San Francisco.

Fred Titt, San Francisco	$3412
Mullen Mfg. Co., S. F.	3450
Home Mfg. Co., S. F.	3487
Mayer Mfg. Co., Oakland	3550
Fred Poharty, S. F.	3700
Fink & Schindler, S. F.	3875
Muller & Peterson, S. F.	4041

ENGINEERING, INDUSTRIAL, TECHNICAL & SCIENTIFIC BOOKS
TECHNICAL BOOK COMPANY
Mills Building -- San Francisco
Phone Garfield 19
REPRESENTING
D. Van Nostrand Co.
John Wiley & Sons, Inc.
J. B. Lippincott Co.
Longmans, Green & Co.

Contract Awarded.
STORE Cost, $10,230
OAKLAND, W San Pablo Ave. 77 N Stanford Ave.
One-story brick store.
Owner—J. Marani 5819 San Pablo, Oakland.
Contractor—Fred Peters, 184 Ridgeway Ave., Oakland.

Store Fixture Bids Being Taken—Other Bids To Be Taken By Owners.
DEPT. STORE Cost, $—
SAN FRANCISCO, W Mission St. near 22nd St.
Three-story frame and concrete department store.
Owner—Keil Estate. Lessee, Wm. R. Davis Co.
Architect for Bldg. — F. W. Quandt, Humboldt Bank Bldg., S. F.
Architect for Interior—Fred Whitton, 369 Pine St., S. F.
Supt. Con Constr.—Chas. Stockholm & son, Monadnock Bldg., S. F.
Bids are being taken now for the store fixtures for the 2nd & 3rd floors. Later bids will be taken by the owners for glass, tile, brick work, copper work, painting, sidewalks, etc.
the following contracts were recently awarded:
Electrical work to Collonan Elec. and Mfg. Co., 3211 Mission St.
Heating to H. Williamson, 1376 Mission Street.
Sprinkler system to Automatic Fire Extinguisher Co.

Contractors, Builders, Engineers, You Can Now Protect Your Checks right on the job if you have a
"Security CHECK PROTECTOR FOUNTAIN PEN"
The Steel Cutting Wheel on the end perforates and forces a red acid proof ink into the fibre of the paper, protecting the amount, payee's name date, number of check, and all kinds of negotiable papers
NEW FROM END TO END
Most perfect writing instrument made.
PRICES
$3.50 to $7.00
COUNTY and GENERAL AGENTS WANTED
SECURITY SALES CO.
253 MONTGOMERY STREET
San Francisco, Calif.

Plans Being Figured.
BANK Cost, $55,000
SAUSALITO, Marin Co., Cal.
One-story and mezzanine floor reinforced concrete bank 55x83.
Owner—Bank of Sausalito.
Architect—H. H. Winner Co., Sharon Bldg., San Francisco.
Figures are being taken for all work except the concrete work which has been completed by days labor under the supervision of the architects.

Working Drawings Being Prepared.
Contract Awarded.
STORE BLDG. Cost, $25,000
SAN ANSELMO, Marin Co., Cal.
One-story reinforced concrete store building with T & G roof (6 stores)
Owner—J. P. Raaf and Milton Esberg.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—Frank Howard Allen, San Anselmo.

Contract Awarded.
ALTERATION Cost, $10,000
SAN FRANCISCO, 253 Geary St.
Alter for show store.
Owner—Frank Werner Co., 253 Geary St., San Francisco.
Architect—Ward & Blohme, 454 California St., San Francisco.
Contractor—Fink & Schindler Co., 226 13th St., San Francisco.

Contract Awarded.
STORE Cost, $11,350
SAN FRANCISCO, W Fillmore 110 S Ellis.
One-story and mez. floor concrete store
Owner—Marion Leventrett.
Architect—G. A. Lansburgh, 140 Montgomery St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

LOS ANGELES, Cal.—Larsen-Siegrist Co., 924 Bartlett Bldg., have been awarded a contract at $390,000 for all work complete except elevators for erecting a 12-story and basement class A store and loft bldg. on the east side of Broadway bet. 8th and 9th Sts., for the Wurlitzer Co. Walker & Eisen, 330 Pac. Finance Bldg., L. A., archts. Dimensions, 51x150 ft., reinf. conc. constr, press. brick and terra cotta facing, plate glass, marble and tile work, fire escapes, steel sash, metal skylights, elevators, steam heating.

SANTA ROSA, Sonoma Co., Cal. — E. L. Finley, College & Slater Sts., Santa Rosa, contemplates erection of second story addition to present building occupied by Press Democrat, daily newspaper, which would be occupied by the latter for editorial and mechanical departments. A portion of the ground floor would be remodeled for 4 stores.

BEVERLY HILLS, Cal.—See "Apartments," this issue.

LOS ANGELES, Cal. — Archts. John Parkinson and Donald B. Parkinson, 420 Title Insurance Bldg., have been commissioned to prepare plans for a 12-story class A bank and office bldg. to be erected for Pacific Southwest Trust & Savings Bank adjoining the present bldg. at 6th and Spring Sts. Dimensions, 60x160 ft., steel frame constr. terra cotta facing, metal store fronts. plate glass, marble and tile work, elevators, steam htg.; $800,000.

SAN DIEGO, Cal.—Architects John and Donald B. Parkinson, 420 Title Insurance Bldg., are preparing plans for a 12-story and basement Class A office and store building to be erected at San Diego; owner's name withheld. Dimensions, 100x200 ft., steel frame and brick construction. Cost, $1,500,000.

WANTED
4000 sq. ft. 14 inch removable steel forms with 20 inch base for concrete joists.
M. JUUL HVORSLEV
1216 Clay Street, San Francisco
Phone Prospect 989

LOS ANGELES, Cal.—Archt. Chas. F. Plummer, 1108 Story Bldg., is completing plans for a 2-story top addition to 4-story mercantile bldg at 525 S Broadway, for Hinz & Landt. The work will include struc. steel frame, brick walls, terra cotta front, plate glass, new footings, comp. rfg., freight and passenger elevator, deepening basement, tile and marble work, ornam. iron, hardwood and cement fls., etc. Bids now being taken on struc. steel work.

SAN BERNARDINO, San Bernardino Co., Cal.—Archts. Howard E. Jones and DeWitt Mitcham, associated, have been commissioned to prepare plans for the new junior high school bldg. The proposed bldg. will be built in the shape of an "L" 225x250 ft., of Spanish or classical design (to be selected from tentative designs), 2-story, containing about 42 rms, including a large study hall, laboratories, etc. It is expected that the cost will run a trifle over 20c sq. ft. Work on the plans has started.

THEATRES

EL SERENO, L. A. Co., Cal.—A. S. O'Neil, 256 Wilcox Bldg., L. A., has the contract to erect a two story theatre, office and store bldg. on Huntington Drive ,El Sereno, for M. Gates. J. T. Payne, 426 Western Mutual Life Bldg., archt. Two-story, 50x150 ft, brick walls press. brick facing, comp. rfg., lobby, cement and hardwood fls., plate glass, ornam. iron, kind of heating and ventilating not decided; $35,000.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 228 Higgins Bldg., is preparing plans for a theatre and store bldg. to be erected at n.e. cor. of Washington St. and Vermont Ave. for West Coast Theaters, Inc. The bldg. will be 250x190 ft. The front portion will be 2-story, brick construction, with stores in the first story and offices and hotel rooms in the second story. The auditorium will be reinforced concrete construction and will seat 2000 people. Cost, $200,000.

WHARVES AND DOCKS

SEATTLE, Wash.—Pacific Steamship Co. applies to city council for building permit to erect first unit of its proposed $2,000,000 terminal improvement program on the waterfront. First unit comprises a pier and freight shed 1000 ft. long, 160 ft. wide. Contract for construction awarded to Albertson, Cornell Bros. and Walsh, Tacoma, Wn. Henry Bittman, architect, Securities Bldg., Seattle.

LOS ANGELES, Cal.—Application has been made by S. A. Selover to U. S. Engineer Office to const. T-wharf adjoining boathouse now under construction in Alamitos Bay, Calif.

MISCELLANEOUS BUILDING CONSTRUCTION

SACRAMENTO, Cal.—Until Jan. 10, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to fur. one 10,000-gal. redwood tank. Cert. check 5% payable to City Comptroller req. with each bid. **See call for bids under official proposal section in this issue.**

Plans Being Prepared.
PARTITIONS ETC. Cost, $—
SAN FRANCISCO, Civic Auditorium.
Partitions etc. for auto show.
Owner—American Automobile Association.
Architect—Ward & Blohme, 454 California St., San Francisco.

Completing Plans.
TAVERN BLDG. Cost, $80,000
MT. TAMALPAIS, Marin Co., Cal.
One-story frame and stucco tavern bldg. with tile roof (dining rooms, lounging rooms, restaurant, etc.)
Owner—Mt. Tamalpais & Muir Woods Ry., Pacific Bldg., R. H. Ingram, manager.
Architect.— Bliss & Faville, Balboa Bldg., San Francisco.
Construction will be started as soon as the rainy season is over.

Plans Being Refigured.
ORPHANAGE BLDGS. Cost, $—
SAN RAFAEL, Marin Co., Cal., St. Vincents Orphanage Site.
Five 2-story reinforced concrete orphanage bldgs. (3 dormitories and a gymnasium and chapel).
Owner—Roman Catholic Archbishop.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Each of the dormitories will accommodate 30 boys and are built in the apartment style.

OROVILLE, Butte Co., Cal. — Until Jan. 31, 5 p. m., bids will be rec. by J. W. Gibson, city clerk, to construct barn and wagon shed in Safford st. Bond of 50% of amount bid req. of successful bidder. Plans obtainable from clerk, Rm. 7, 1st Natl. Bank Bldg., Cbico.

LONG BEACH, L. A. Co., Cal.—W. E. Babb, 1718 E Ocean Ave., Long Beach, building contractor, has taken a 99-year lease on a 50-ft. lot on e. side Pine Ave., bet. 1st. and Broadway, Long Beach, for the erection of a $75,000 class A bldg.

SAN DIEGO, San Diego Co., Cal. — Archt. Lincoln Rogers, 533 Spreckels Bldg., San Diego, has completed plans for a large bath house, to be erected at Mission Beach near San Diego. Brick and conc. constr., tile rfg., stucco exter. $300,000.

OAKLAND, Cal. — Until Jan. 8, 2:30 p. m., bids will be rec. by Henry F. Voegt., secy. Board of Park Directors, 407 City Hall, for fur. toilet fixtures for Dimond Park. Bond of $300 req. of successful bidder. Cert. check 10% req. with each bid. Specifications obtainable from secretary.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from the Domestic and Foreign Trade Bureau of the Chamber of Commerce, Merchants Exchange Bldg., San Francisco.

D-1002—San Francisco. Manufacturer of replacement parts for automotive industry, with substantial reputation and unique advantages of line, seeks eastern representation of substantial character.

D-1003 — San Francisco. Industrial chemical salesman well acquainted with California market desires position with local concern. $250 per mo.

D-1004 — Los Angeles, Calif. Party wishes to get in touch with some wood working establishment who has an Automotive Peterson or Wymouth wood-cutting lath for turning out small spinning toy tops in large quantities.

7747—San Juan, Porto Rico. Commission house desires to make connections with producers of mixed feeds, lumber, rice, and other products suitable for their market.

7748 — Osaka, Japan. Organization having an advertising department for the purpose of serving American manufacturers and exporters desiring to introduce their goods in that country, wish to get in touch with San Francisco houses desiring their services.

7749—Kobe, Japan. Firm desires to purchase Pacific Coast lumber from first-class exporters in this city.

7753—San Francisco, Cal. Gentleman recently returned from the Far East, having several years experience in Oriental export-import business wishes to locate with responsible concern. Good correspondent, good salesman, fine connections and first class references.

7754 — San Francisco, Cal. Samples and c. i. f. prices in San Francisco of absolutely waterproof and non-warping wall board, manufactured in Switzerland, on file with foreign trade bureau. Sole agency in San Francisco and trade territory is open.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Leads for Business

FURNITURE FACTORY—The Pacific Furniture Co. rep. of Benis-Riddell Fibre Co. or Sheboygan, Wis., will erect a factory immediately on the SW corner of Third and Oak Sts., Oakland. The production will include fibre chairs, tables, desks, ferneries, davenports, etc.

LEASES—Dec. 25, 1923—H. V. Rosewall to James Sherlock—2912 Clay St., 3 years, $3960.
Dec. 31, 1923—John and Pauline E. Tonningsen to O'Brien-Kiernan Investment Co. and Wm. H. Woodfield Jr.—W Mission 112-9 N 22nd S along W Mission 112-9 to ... 22nd W 125 N 36-10 W 125 to E Bartlett N alg E Bartlett 59-5 E 250-7 m or l to W Mission and pt. of beg., 99 years, $60,000.

ACCOUNTANTS—W. R. Fisher (public) 310 Sansome.

ATTORNEYS—J. A. Kilroy, 760 Market.

AUTOMOTIVE — Campbell & Dalton, Inc., ($25,000), W. C. Campbell, J. J. Dalton, C. E. McDermott, Ford Dealers, 2nd Ave. and Geary.

BEAUTY PARLORS — Honore Beauty Shop, 465 California.

CANDY—Coolidge Republican Club, 605 Market.

CHIROPRACTORS — M. S. Nakamura, 1529 Geary.

CONTRACTORS — Meyer Bros., (1534 Geary), 1 Montgomery.

DRAYAGE — G. W. Thomas Drayage Co. (160 First), 126 14th.

FINANCE—Fiscal Agency Corp., 256 Montgomery.

FURNITURE—Ideal Furniture Co (2nd hand), 1498 Ellis.

IMPORTERS—Union Trading Co. (Mrs. Tessie D. Peldheym), Hansford Blk.

LAUNDRY — New Western Laundry, 2159 Filbert.

MFRS. AGENTS—J. F. Rhodes, Rialto Bldg. to Sheldon Bldg.

MILLINERY — DuBarry-Down, 233 to 243 Post.

OPTICIANS—Rhine Optical Co., 251 to 150 Post.

PAINTS—Pacific Shellac Works (Geo. H. Dunlap) 935 Howard.

PUBLISHERS—MacMillan Co., recently burned 609 Mission to 350 Mission.

SHIPPERS—James C. Moore, 310 California.

SPORTING GOODS—Thos. E. Wilson & Co., 609 Mission to 155 9th.

TAILORS—S. T. Salopek, 390 to about 441 Eddy.

MISCELLANEOUS — Alterations being made to vacant store 208 O'Farrell
A. C. Kienly, 201 Sansome.

ADVERTISING—Tull-Grant Co., Russ Bldg.

APARTMENTS—Archts. Fabre & Hildebrand preparing plans $25,000 (8 3-room), apartment building, Scott near Union.

ATTORNEYS—J. C. Birnie, 220 Montgomery.

AUTOMOTIVE — Wiseman & Beaudet (shop) 902 Bush to 901 O'Farrell.

BAKERIES—Samuel Fried, 5128 Mission.

BOXES—W. J. Carter Box Co., 135 Tehama.

CHIROPRACTORS—Dr. S. Mueller, 821 Market to Hewes Bldg.

CIGARS—Frank Maddox, 625 Larkin.

CONTRACTORS — J. T. Thorpe & Son (brick) 461 Market to Lachman Bldg.

DRAYAGE — California Drayage Co., 672 Bryant.

ELECTRICAL — Dachner Electric and Equipment Co., 119 Jessie to Rialto Bldg.
Park-Presidio Elec. Co., (Mercier Electric Co.), 922 to 306 Clement.

ENGINEERS—Geo. L. Hurst (mechanical), 58 Sutter to 785 Market.

GROCERS—J. Lee, 2284 Bryant.

IMPORTERS—The Takoq Trading Co., 552 Mission.

INSURANCE — California Mutual Life Ins. Co. (S. D. Miller), 114 Sansome.

MACHINE WORKS—P. J. Labastarde, 132 Valencia to 1161 Golden Gate Avenue.

MFRS. AGENTS—Sefton Mfg. Corp., (J. E. Montague), 230 California.

MILLINERY — Claire's Millinery, 5406 Geary.

PLUMBING—H. E. Robbins, 1109 Mission.

PRODUCE — Coffin & Grimm (dairy), 1175 Market.

REAL ESTATE—Cutler Realty Co. Inc, 681 Market.
Geary Realty Co. (5600 Geary), 1265 9th Ave.

RESTAURANT — Entalla Restaurant, 915 Columbus.

SHADE FACTORY—W. A. Rapp & Co., Sacramento, to erect $15,000 factory.

SHOES—Mack & Breit, 60 6th.

TAILORS—Golden Gate Tailoring Co. to 1128 Fillmore.

MISCELLANEOUS — Coykendall Inc., 355 California to 215 Market.
Seales Syndicate, 564 Market.
Frederick von Schrader, 433 California.
St Ignatius Conservatory League (Rev. R. A. Gleeson), 760 Market.
Archt. H. H. Meyers, Kohl Bldg. to prepare preliminary sketches proposed $2,000,000 courthouse and hall of records building at Oakland.
Elmhurst Baptist Church erecting $12,000 church building, Oakland.
Pacific Gas & Electric Co. plan to erect $100,000 machine shop and car barn at Sacramento.

LEASES—Nov. 24, 1923—Wm. F Egan and Maggie Eagen to Shell Company of California—Comg at pt of intrsn of most N 14th & most E Valencia & rung N alg E Valencia 55 x E 100

LEASES—Jan. 1, 23—John D Siemers to C H Bruns—NE cor 22nd & Guerrero No 3396 22nd st 60 mos $5400.
Nov 26, 23—L G Eckton to Minna P Shaw and Caroline Zehring—Sutter Hill Apts 765 Sutter St S Sutter bet Jones & Taylor Sts 5 yrs $66,000.
Dec. 1, 23—A B and Mary E Harrison to Louise C Pflum and Minna P Shaw as Pflum & Shaw—S Sutter 50 W Leavenworth W 50 x S 129 4 years $49,200.
Dec. 14, 23 — Jacob and Bertha G Weissbein to Sue McGinnes — NW Polk & Clay Sts 1703 Polk St 3 yrs 11 mos $7050
Dec 31, 23—Mary Kuehler and Anita Nathorst to Henry P and Mary E Murphy—S California 165 E Hyde E alg S California 27-6 x S 137-6 5 yrs $18,000.

ASSIGNMENT OF LEASE—June 26, 23—Gerda Helene Callinan and William G Callinan to Martin A and Ida E Richard — King Edward Apartments 275 Turk St.

ACCOUNTANTS—W. R. Fisher (public) 310 Sansome.

ADJUSTERS—Henderson & Chase (insurance) 142 Sansome.

ARMY GOODS—Harry Pollak, 91 3rd.

ART NEEDLE WORK—The Royal Society (H. E. Verran Co., Inc.) 278 Post to 554 Mission.

ATTORNEYS—J. A. Kilroy, 760 Market.
G. S. Arnold, 1 Montgomery to 41 Sutter.

AUTOMOTIVE — Campbell & Dalton Inc. ($25,000) W. G. Campbell, J. J. Dalton, C. E. McDermott, Ford dealers, 2nd Ave. and Geary.
Dorris Motors, 1801 Van Ness Ave.
L. W. Downey (painting) 734 Octavia.
Otto Ryberg (supplies) 99 6th.
Pacific Nash Motor, branch 2589 Mission.

BAKELITE—Bakelite Corporation, 75 Fremont.

BEAUTY PARLORS — Honore Beauty Shop, 465 California.

BUILDING MATERIALS — Hayman Building Supply Co. (Quint and Custer), office 1 Montgomery.

CAMPAIGN HEADQUARTERS — Coolidge Republican Club, 605 Market.

CANDY—Mrs. L. Krause, 1428 Clement.
J. Dodgson, 156 Dorland.
Stanford Confectionery 2301 Webster
J. F. Clarkin, 455 Powell.

CHECK PROTECTION — Safe-Guard Check Writer Co., 114 Bush.

CHIROPRACTORS — Timothy McInerney, 2146 Mission to 560 Geary.
M. S. Nakamura, 1529 Geary.

CLEANING & DYEING—Star Cleaning Co., 2405 California.

CONTRACTORS—J. J. Leonard, Cortland and Ellsworth.
Meyer Bros. (5324 Geary), 1 Montgomery.

DELICATESSEN—Mrs. Zita Raffo, 1977 15th to 887 Valencia.

DISPLAY EQUIPMENT — J. R. Palmbergs Sons Inc., 11 First.

DRAYAGE — G. W. Thomas Drayage Co. (160 First) 126 14th.

DRUGS — Jorgensen's Pharmacy (625 Kearny) 2300 Fillmore.

ELECTRICAL—Vincent J. Baraco, 545 Broderick.

ELEVATORS—Enterprise Elevator Co 591 Jessie to Hewes Bldg.

L. A. PUBLICATION LAUDS S. F. "AMERICAN-PLAN"

The current issue of the Southwest Builder and Contractor, a Los Angeles publication, commenting upon the American Plan as carried out in San Francisco says:

"Opportunities for both labor and capital in San Francisco have been materially improved under the "American Plan," according to the Industrial Association of San Francisco, which has sponsored the movement. Formerly agreements were entered into by the contractors and the unions of the different crafts by which only members of local unions were to be employed and they in turn would work only for members of the local contractors' associations, it is claimed. This was discouraging to the outsider who contemplated engaging in business in San Francisco because he was not assured of being admitted to membership in an employers' association and he could not secure mechanics otherwise. Nor was a card from an outside union any assurance of a worker being admitted to any local union. In a statement recently issued the Industrial Association of San Francisco asserts that San Francisco is now "a free and open city to which any man may come and engage in any industrial enterprise without being interferred with by the union. An any mechanic may come—union or non-union—and go to work at his calling without obtaining permission from any local union."

There does not appear to be any doubt that the "American Plan" has been "eastablished" in San Francisco, although this is disputed by some advocates of the old system. Employers have not found the task of breaking away from the closed shop an easy one. They have had a hard fight and it has cost the business men of the community a large sum to put it over. They will have a continuous fight to maintain it. But they are pursuing the only policy for the future growth and advancement of San Francisco. The bay city is forging steadily ahead. It is keeping pace with many of the large cities in the east and middle west in building and industrial progress. Los Angeles is having a phenomenal growth, but that does not disparage or detect from what San Francisco is doing. Achievements of the latter city are something of which any community could feel justly proud."

Official Proposals

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

BIDS WANTED FOR REINFORCED CONCRETE SCHOOL

(City of Oakland—Hawthorne School)

NOTICE TO CONTRACTORS

Office of the Secretary of the Board of Education of the City of Oakland.

Sealed bids will be received by the Board of Education of the City of Oakland, City Hall, Oakland, California, until the **14th day of January, 1924, at 4:30 o'clock p. m.,** at which time said bids will be opened, for the erection and completion of the Hawthorne School Building of the Oakland School District, located on property described as Lots Nos. 1 to 13, also Lot No. 29, as said Lots are designated upon a certain map entitled "Map of Sanborn Tract, Brooklyn Township, Alameda County, State of California, 1909." Said property faces the intersection of east 17th Street and 29th Avenue, City of Oakland, County of Alameda, State of California. These bids to be received according to plans and specifications therefor on file in the office of the Secretary of the Board of Education, City Hall, or the Superintendent of Buildings, Chabot Hall, 11th and Jefferson Streets, Oakland, California.

On a deposit of Twenty-five ($25) Dollars, complete sets of plans and specifications may be had by any bidder, and in each case shall be returned within nine (9) days after securing same from the Superintendent of Buildings. If the plans and specifications are not returned by said time, or if mutilated, the said deposit may be retained by the said School District as agreed liquidated damages for said mutilation or detention.

Bids must be made on proposals obtained at the office of the Superintendent of Buildings, and be signed by the bidder, accompanied by a certified check, certified to by some responsible bank or banker, and made payable to J. W. Edgemond, Secretary of the Board of Education, to be retained by said School Districts as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall not exceed Five Thousand ($5000) Dollars, but for all bids of less than Fifty Thousand ($50,000) Dollars, said check shall be for at least ten (10%) per cent of the amount of the bid. Each bid shall be accompanied by an affidavit executed on a form that can be obtained from the Superintendent of Buildings.

Bids will be opened by the Board of said Districts on the 14th day of January, 1924, at 4:30 o'clock p. m., in the Board Room, 211 second floor of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

J. W. EDGEMOND,
Secretary of the Board of Education of Oakland, California.

NOTICE TO CONTRACTORS

(Redwood City School District)

NOTICE IS HEREBY GIVEN, by the Board of Trustees of the Redwood City School District, at Redwood City, Calif., that bids will be received by said Board for the erection and construction of changes and alterations to be made on two School Buildings in said District.

Plans and specifications may be obtained at the office of the Board of Trustees in the Central School or from the Architect, Norman R. Coulter, at 46 Kearny Street, San Francisco, Calif. A deposit of Ten Dollars, ($10.00) will be required for each set of plans.

All bids will be opened by the said Board of Trustees on the **15th day of January, 1924, at 8 o'clock P. M.,** at the Office of the Board in the Central School Bldg., and all bids must be delivered to the office of said Board in the Central School Building before that hour, enclosed in sealed envelope, and marked on the outside, "Bids for construction of changes and alterations on two school buildings at Redwood City for the Redwood City School District."

All bids must be accompanied by a Certified Check, cash, or a Certificate of Deposit equal to ten per cent (10%) of the amount of the bid; checcks or certificates of deposit to be made payable to the Board of Trustees and to be returned to the party or parties whose bid or bids are not accepted and to the party whose bid is accepted upon his entering into a contract with the said School District and giving such bonds as may be required by Law or said Board.

The Board of Trustees reserves the right to reject any or all bids.

H. STEINBERGER,
Clerk of the Board of Trustees of the Redwood City School District, Redwood City, California.

NOTICE TO BIDDERS

(Modesto Irrigation District—Electrical Distribution Line Extensions)

Sealed proposals will be received at the office of the Modesto Irrigation District, Modesto, Calif., until **January 24, 1924, at 10 o'clock a. m.,** for construction, materials and—or labor for the completion of its electrical distribution system, more fully described as follows:

RURAL TERRITORY

Building about 60 miles of 3-phase, four-wire line.

Building about 160 miles of single-phase, two-wire line.

CITY TERRITORY

Building about nine miles of 3-phase, four-wire overhead lines.

Building about twenty miles of single-phase, two-wire overhead lines.

SCHEDULES

Schedule No. 1—3200 Butt treated poles.
Schedule No. 2—1600 cross-arms.
Schedule No. 3—Line hardware.
Schedule No. 4—Metal and wood pins.
Schedule No. 5—Insulators.
Schedule No. 6—Wire.
Schedule No. 7—Labor for constructing overhead system.

Full plans and specifications may be seen on application at the office of the district at Modesto, Calif.

Separate bids shall be made for labor and separate bids for material.

Contract shall be let to the lowest responsible bidder, but the board of directors reserves the right to reject any or all bids.

The proposal must be accompanied by a certified check for 5 per cent of the amount of the bid, payable to the Modesto Irrigation District, as a guar- execute a contract and furnish a satisfactory bond of not less than 25% of the contract price for the faithful performance of the work, in accordance with the specifications, and a bond for fifty per cent for payment of labor and material, as provided in Chapter 203 of the Statutes of 1919 of the State of California, said bonds to be approved by said Board.

The proposal must be marked "Proposal for Electrical Distribution Line Extensions," and addressed Modesto Irrigation District, Modesto, Calif.

Done in pursuance of the order of the Board of Directors of the Modesto Irrigation District, this 24th day of December, 1923.

C. S. ABBOTT, Secretary.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

NOTICE TO BIDDERS

(City of Sacramento—Pipe Line)

Bids will be received by the City Council of the City of Sacramento, in the Council Chamber of the City Hall, on 1 Street, between 9th and 10th Streets, **between the hours of 8:15 and 9:15 o'clock P. M., on Thursday, January 10th, 1924,** for the furnishing of 2,000 feet of 5-inch riveted steel pipe, 16-gauge, for a water line at Camp Sacramento, in accordance with specifications adopted by the City Council at a meeting held on December 27th, 1923, and now on file in the office of the City Clerk.

All proposals must comply with requirements of the City Charter of the City of Sacramento, effective June 30, 1921, and bidders are hereby cautioned that no bid which fails to comply therewith can be considered.

Bids must be submitted upon printed proposal and affidavit form supplied by City Clerk without charge to prospective bidders.

A certified check made payable to the City Controller of the City of Sacramento as prescribed in Section 256 of the said Charter for not less than 5 per cent of the aggregate of the proposal, must accompany each bid, which must be enclosed in sealed envelope marked "Proposal for Riveted Steel Pipe," before filing with City Clerk.

The right to reject any and all bids is reserved to the City Council by provisions of said Charter.

H. G. DENTON,
City Clerk of the City of Sacramento.

REPAIRS AND PAINTING AT THE U. S. MINT BUILDING, SAN FRANCISCO, CALIFORNIA

OFFICE OF THE SUPERVISING SUPERINTENDENT, ROOM 402 U. S. POST OFFICE BUILDING, SAN FRANCISCO, CALIFORNIA

INVITATION FOR PROPOSALS

SEALED PROPOSALS will be opened in this office at 12 o'clock M. on Jan. 23, 1924, for repairs and painting at the U. S. Mint Building, San Francisco, California.

Specification may be obtained at this office, at the discretion of the Supervising Superintendent.

WM. ARTHUR NEWMAN,
Superintendent.

(Continued on Page 31)

Engineering News Section

BRIDGES

SANTA ANA, Cal.—County Rd. Commissioner J. L. McBride preparing plans for bridge to span Newport Bay, bet. Newport Blvd. and the Palisades. Cost bet. $60,000 and $90,000.

MONTEREY CO., Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until Jan. 14, 2 p. m., to const b.ridge 240 ft. long, 21 ft. wide bet. curbs, over San Lorenzo creek near King City, consisting of three 60-ft. and two 30-ft. rein. conc. girder spans supported on piers and bents, together with approx. 0.2-mi. of approaches to be graded. Project involv. 2900 cu. yds. roadway embankment; 515 cu. yds. A and 370 cu. yds. C Port. cem. conc.; 1000 hundredweight reinf. steel; 570 cu. yds. excavation for bridge structure. (Additional item) 150 cu. yds. additional excavation for bridge structure. R. M. Morton, state highway eng.

DREDGING, HARBOR WORKS AND EXCAVATIONS

BLYTHE, Cal.—Palo Verde Drainage District has rescinded notice to contractors to const. the West Side Drain, as previously advertised. The bids were to have been opened Dec. 29. D. W. Murphy, Hollingsworth Bldg., Los Angeles, consulting engr.

IRRIGATION PROJECTS

DANNER, Ore.—Until Feb. 4, 10 a. m., bids will be rec. by Jordan Valley Irrigation District to widen present lower feeder; raise Antelope dam and const. outlet; const. main canalls and laterals; build all structures and incidental work. Contract or to state whether he desires cash payments or will accept bonds of district in payment. District comprises approx. 25,000 acres of which 1200 acres is now under water. Bonds of $700,000 voted to improvements. Plans obtainable from Baar and Cunningham, engineers, Spalding Bldg., Portland.

MADERA, Madera Co., Cal. — State Eng. W. F. McClure announces Feb. 9 is date set for election to decide on formation of proposed San Joaquin Water Storage District, which will include portions of Madera, Merced, Fresno and Stanislaus counties. The district, if voters approve of its formation, will furnish water to thousands of acres in the four counties affected. A huge storage reservoir will be constructed at Millerton in connection with the project. Estimated cost of dam and other improvements is placed at $30,000,000.

MERCED, Merced Co., Cal. — R. V. Meikle, chief engineer for the Turlock Irigation District, has been appointed chief engineer of the Merced Irrigation District, succeeding R. C. Starrett, resigned. A. J. Wiley, who served as consulting engineer on the Don Pedro dam project, will act in a similar capacity on the Exchequer dam, to be constructed by the Merced district.

COLUSA, Colusa Co., Cal.—J. F. Mallon, trustee of Reclamation District No. 2047, is conferring with landowners with regard to bringing a large fertile dry land area of the Williams section under the canals of the Glenn-Colusa Irrigation District. Preliminary report on the project has been submitted by Fred H. Tibbitts, consulting engineer, Alaska Commercial Bldg., San Francisco.

LIGHTING SYSTEMS

SANTA BARBARA, Cal. — Property owners are organizing to secure ornam. lights for Carrillo St., bet. De La Vina and Canal Sts.

FRESNO, Fresno Co., Cal. — Lewis Electric Co., and Central States Electric Co., submit bids to city council to turnish all types of street lighting lamps during year 1924. Contract will run approx. $5000. Bids under advisement.

REDDING, Shasta Co., Cal. — City trustees contemplate installation of electrolier system in California. Standards will cost from $40 to $50 each.

MACHINERY & EQUIPMENT

SAN FRANCISCO—Until Jan. 8, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5030 for fur. and del. Rio Vista, Solano county: one 10-ton traveling crane without lifting blocks and tackle. Further information obtainable from above office.

KETCHIKAN, Alaska—Until Feb. 12 2 p. m., bids will be rec. by Superintendent of Lighthouses, Ketchikan, for fur. and del. one gasoline hoist, 2-drum with derrick swinging gear, 30 h.p. and one stiff leg derrick for Cape Spencer Light Station, Alaska. Spec. obtainable from above.

RAILROADS

SANTA CRUZ, Santa Cruz Co., Cal.—California Redwood Lumber Co. has purchased additional timber lands and wall start construction at once on a 2-mi .road from its mill on Gazos creek to Pigeon Point.

SAN BERNARDINO, Cal. — Double tracking of 40 miles of railroad between Hicks, 12 miles south of Barstow, and the summit of Cajon Pass, has been ordered by the Santa Fe Railroad Company. This is the last gap in the double track system between Winslow, Ariz. and San Bernardino.

E. D. BULLARD

announces that after October first, 1923, their Office and Salesroom will occupy

565 Howard St.

San Francisco

Telephones (Unchanged)

Douglas 6320

Douglas 6321

No change in the Los Angeles address,

130 SOUTH BROADWAY

KINO BAY, Sonora, Mex.—The Pearson Syndicate, an English corporation owning large tracts of mining and timber land in Sonora and other Mexican states, is having a survey made for a railroad to be constructed across the state of Sonora with its terminus at Kino Bay, a projected resort on the Gulf of Lower California. The proposed route will touch Hermosillo and Poza.

LAKEPORT, Lake Co., Cal.—W. W. Prather Lumber Co. wits construct a 3-mile railroad on Elk Mountain to haul logs from mountain sides to mill. Materials are being assembled. Road will be narrow gauge type, 36-lb. rail.

FIRE ALARM SYSTEMS

LOS ANGELES, Cal.—Until 9 a. m., Jan. 9, bids will be rec. by purchasing agent, 202 n. city hall annex, for (1) fire gongs under spec. 822, and (2) fire registers under spec. 823. Cert. check or bond 10% and affidavit of non-collusion in each case.

FIRE EQUIPMENT

WHITTIER, Cal. — American La-France Fire Engine Co., Seagrave Co. and the Pacific Fire Extinguisher Co. submitted identical bids at $12,500 each for fire engine for city. The only variation was an alternative bid of the American L France Co. for a demonstrator at $11,250. The bids were referred to the fire committee.

CORONA, Cal. — City council will purchase 250 ft. fire hose for the new fire engine.

PETALUMA, Sonoma Co., Cal.—Representatives of American La France Co. are conferring with city trustees regarding purchase of motor fire apparatus. Council proposes to call bond election to finance purchase of the equipment. Lyman Green, city clerk.

RESERVOIRS AND DAMS

KALAMA, Wash.—See "Waterworks" this issue. Seeks permit to appropriate water.

PIPE LINES, WELLS, ETC.

NEWPORT BEACH, Cal.—Until 7:30 p. m., Jan. 21, bids will be rec. by city trustees to const. wood stave pipe line, complete, for the municipal water dept. involv. 2640 ft. 14-in. wood stave pipe, 50 ft. head; 688.75 ft. 14-in. wood stave pipe, 75 ft. head; 751.50 ft. 14-in. wood stave pipe, 100 ft. head; 10 ft. 12-in. wood stave pipe, 100 ft. head; 4099.38 ft. 8-in. wood stave pipe, 75 ft. head; 72 ft. 8-in. wood stave pipe, 100 ft. head; 40 ft. 6-in. standard steel screw pipe; 8 14-in. cast iron ells; 3 8-in. cast iron ells; 1 12-in. standard gate valve; 1 8-in. standard gate valve; 2 6-in. standard gate valves; 2 4-in. crispin air valve for 14-in. pipe; 1 3-in. crispin air valve for 8-in. pipe; 2 14-in.x6-in. standard cast iron tees; 1 14-in.x12-in.x 8-in. standard cast iron tee; 1 8-in.x 8-in. standard cast iron tee; 10 8-in.x 4-in. standard cast iron tees; 7 manholes complete; 15 cu. yds. 1:3:6 concrete. Plans obtainable from Paul E. Kressly, consulting engr., 732 H. W. Hellman Bldg., Los Angeles. Cert. chk. or bond 10%. Alfred Smith, city clerk.

PORTLAND, Ore.—West Coast Iron & Steel Co., at $13,100 submits low bid to Port of Portland Commission for fur. 4000 ft. 30-in. slip joint shore pipe. Willamette Steel Pipe Co., at $12,700 low bidder to fur. 2000 ft. 30-in. inside dia. pontoon pipe.

SACRAMENTO, Cal.—Until Jan. 10, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to fur. 2000 ft. 5-in riveted steel pipe, 16-gauge for water line at Camp Sacramento. Cert. check 5% payable to City Controller req. with each bid. Spec. on file in office of clerk. Albert Givan, city eng. **See call for bids under officinl proposal section in this issue.**

SEWAGE DISPOSAL PLANTS

BEVERLY HILLS, Cal. — Salisbury, Bradshaw & Taylor, consulting engrs., Mortgage Guarantee Bldg., Los Angeles, and Henry E. Elrod, Santa Monica commissioned by the city trustees to design the proposed sewage treatment plant.

MORGAN HILL, Santa Clara Co., Cal. —Heafey-Moore-McNair, 2030 High St. Oakland, at $51,625.33 awarded cont. by town trustees to construct sewer system and sewage disposal plant. C. C. Kennedy, consulting eng., Call Bldg San Francisco. Merced Conc. Pipe Co., Merced, low bidder, at $51,328.39 but bid was considered irregular. Other bids follow:

L. L. Page	$64,400
F. C. McIntyre	52,958
T. F. Geary	56,423
C. J. Nystedt	56,827
Butte Electric Equipment Co.	62,377
Schultz Construction Co.	59,391
T. E. Clinch	53,547

SANTA ROSA, Sonoma Co., Cal.—City council sets April 1 as date to vote bonds of $165,000 to finance construction of sewage disposal plant. Clyde F. Smith, sanitary engineer, Berkeley, will prepare plans for the project.

MISCELLANEOUS CONSTRUCTION

FRESNO, Fresno Co., Cal.—A proposed bond issue for $2,500,000 includes a new storm sewer system, a municipal swimming pool, a civic center, and a fire alarm system.

LOS ANGELES, Cal.—City engineering dept. completes plans and spec. for the Ninth St. viaduce and the five other proposed viaducts over the Los Angeles river. The art stone rail design is not complete, but this work will probably be let later in separate contract. The const. of these bridges is awaiting completion of agreements betw. the city and railways affected. On the Ninth St. bridge, the parties to the agreement, regarding cost, grading, lowering of tracks, etc., are the Santa Fe Ry., Union Pacific, and the city. On the other bridges, the Pacific Electric and L. A. Ry. companies are added, owing to the rights-of-way for these roads being affected. The steam railways are said to desire to be parties to all agreements on all six bridges, as the bridges would involve, more or less problems relating to cost, their tracks, and rights-of-way. The electric railways wish to be parties to only those agreements involving bridges in which they are directly interested. The matter has been referred to the railroad commission by whom the matter will be decided. The apportionment of costs, estimated at $10,000,000 total, will be fixed by the commission. The city has already voted $2,000,000 to cover its estimated share in the work.

WATER WORKS

KALAMA, Wash. — City of Kalama applies to State Hydraulic Engineer for permit to appropriate waters of Woolford and Italian creeks, tributaries of Klamath river, for muny water supply. Involv. const. of dam, 50-ft. long, 20-ft. high, across each stream, furnishing 700,000 gals. daily; est. cost $70,000.

BURLINGAME, San Mateo Co., Cal.—Until Jan. 7, 5 p. m., bids will be rec. by City Engineer Carl Torello to const. two open concrete water ways. Specifications obtainable from city engineer.

OAKLAND, Cal.—City Attorney rules that city of Oakland cannot appropriate $610,000 to install water mains in accordance with an agreement made by the city council with the East Bay Water Company. The agreement provided that mains be installed at once by water company, the city to pay the cost in yearly installments.

TACOMA, Wash. — W. A. Kunigk, Supt. of Municipal Water Department, directed by council to prepare ordinance authorizing construction of Green river gravity water line; est. cost $260,000. Funds for the project are available.

LOS ANGELES, Cal.—Until 3 p. m., Jan. 25, bids will be rec. by public service comm., 207 S Bdwy., for bronze water meter connections. Spec. 701. Jas. P. Vroman, secy.

SACRAMENTO, Cal.—Until Jan. 10, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to fur. one 10,000 gal. redwood tank. Cert. check 5% payable to City Controller req. with each bid. Spec. obtainable from city clerk. **See call for bids under official proposal section in this issue.**

PLAYGROUNDS AND PARKS

EUREKA, Humboldt Co., Cal.—Until Jan. 15, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to fence both sides of state highway from Station 338 plus 60 to Station 371 plus 90, approx. 3330 ft. through lands of Loftus Gray. Division 1, Humboldt Co., Rt. 20, Sec. C.

Separate bids, same date, to fence both sides of state highway beg. at end of present fence at Station 998 plus and running to Station 1032 plus, 4440 ft., through lands of Hammond Lumber Co., at Stone Lagoon.

Cert. check 10% req. Plans on file in office of clerk. A. J. Logan, county surveyor.

FRESNO, Fresno Co., Cal.—City commissioners adopt ordinance authorizing immediate improvements of 40-acre addition to Roeding Park. Wm. Stranahan, city engineer.

SEWERS & STREET WORK

BAKERSFIELD, Kern Co., Cal. — W. S. Farley, consulting engineer, Monadnock Bldg., San Francisco, has completed plans and bids will be asked by Kern county supervisors about February 1, to imp. road incorporated in Rd. Dist. Imp. No. 25, involv. 95,000 cu. yds. grading, (old work); 42,000 cu yds. grading (new work); 610,000 sq. ft. 6-in. asph. conc. pavement, 2-course (new work), 463,000 sq. ft. 6-in. asph. conc. shoulder pavement; 162,000 sq. ft. 5-in. asph. conc. surfacing; 2,250,000 sq. ft. 4-in. asph. conc. surfacing; 1500 lin. ft. 18-in., 630 lin. ft. 24-in. and 135 lin. ft. 36-in. corru. iron culvert; 240 cu. yds conc in headwalls; 600 lin. ft. timber guard rails; 276 cu. yds. rein. conc. in bridges; 325 cu. yds. plain concrete in bridge abutments and walls. Work under 1907 Imp. Act.

NEVADA STATE — Dodge Brothers and Dudley, Fallon, Nevada, at approx. $217,500 submits low bid to State Highway Commission to const. 17.59-mi. of highway in Clark county bet. Mormon Mesa and Nevada-Arizona state line, involv. 222,000 cu. yds. unclassified excavation; 51,670 yd. sta. overhaul; 7.36 mi. prepare subgrade and shoulders; 390 cu. yds. load selected material for sub-base; 390 yd. mi. haul selected material for sub-base; 390 cu. yds. spread selected material for sub-base; 11,200 cu. yds. load and screen gravel; 29,400 yd. mi. haul gravel; 11,200 cu. yds. spreda gravel; 190 cu. yds. class A and BB conc.; 1290 lin. ft. 15-in., 1310 lin. ft. 18-in., 394 lin. ft. 24-in. and 215 lin. ft 30-in. corru. metal pipe; 676 cu. yds. dry rubble masonry; 4792 lin. ft. wood guard rail; 40 stand. monuments; 95 special galv. iron pipe monuments; 220 cu. yds. rip rap. Taken under advisement. Geo. W. Borden, state highway engineer.

NEVADA STATE — K. Hodgman, Winnemucca, Nevada, at approx. $104,000 submits low bid to State Highway Comm., to const 5.03 mi. highway in Lander Co., bet. Carroll Summit and Campbell Creek Ranch. Project involv. 58,300 cu. yds. unclassified excavation; 19,026 yd. sta. overhaul; 2.28 mi. prepare subgrade and shoulders; 1900 cu. yds. loading and screening selected material; 2540 yd. mi. haul selected material; 1900 cu. yds. spread selected material; 155 cu. yds. class A conc. 302 lin. ft. 15-in., 116 lin. ft. 18-in., and 28 lin. ft. 24-in. corru. metal pipe; 245 cu. yds dry rubble masonry; 1600 lin. ft. stand. wood guard rail; 2272 lin. ft. special wood guard rail; 1800 cu. yds. hand placed fill; 2350 cu. yds. rip rap; 71 special galv. iron pipe monuments. Taken under advisement. Geo. W. Borden, state highway eng.

SAN DIEGO, Cal. — Council declares inten. to imp. Union, Curlew and Brant Sts., involv. 175,549.39 sq. ft. paving with 1½-in. sheet asph. wearing surface on 2½-in. bitum. base; 5809.59 sq. ft. cem. conc. sidewalk; 1190.38 lin. ft. cem. conc. curb; 13 4-in. cem. conc. sewer laterals; 15 6-in. cem. conc. sewer laterals; 511 lin. ft. 6-in. cem. conc. sewer line; 266.3 cu. yds. earth excav.; 269.9 cu. yds earth embank.

Inten. declared to imp. San Marcos Ave., Maple St., Burlingame Drive, Laurel St., Dulzura Ave., Pamo Ave. and 32nd St., involv 188,079.84 sq. ft. paving with 1½-in. sheet asph. wearing surface on 4-in. Portland cem. conc base; 2344.6 sq. ft. cem. conc. sidewalk 489.76 lin. ft. cem. conc. curb; 23 4-in. cem. conc. sewer laterals; 12 6-in. cem. conc. sewer laterals; 294.59 cu. yds. earth excav; 8.86 cu. yds. earth embank F. A. Rhodes, city engr. A. H. Wright, city clerk.

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SAN FRANCISCO — Following contracts awarded by Board of Public Works:

P. Montague, 180 Jessie St., $.155 sq. ft. for 36,418 sq. ft. art. stone walks in Monterey Blvd. bet. Circular and Hamburg Sts.

City Const. Co., Call Bldg., at $5693 to imp. Bosworth St., bet. Hamerton and Burnside Aves., involv. 890 cu. yds. cut, $1.20 cu. yd.; 561 lin. ft. conc. curb $.99 lin. ft.; 474 sq. ft. art. stone walks, $.19 sq. ft.; 6 br. catchbasins, $115 ea; 140 lin. ft. 10-in. culvert, $1.50 lin. ft.; 6200 sq. ft. conc. pave, $.299 sq. ft.; 4406 sq. ft. asph. conc. pave, $.278 sq. ft.

P. Montague, 180 Jessie St., at $1446, imp. Bauer Ave., bet. Alemany and Capistrano Aves., involv. 1250 cu. yds. cut, $1.50 cu. yd; 2320 cu. yds. fill, $.01 cu. yd.

P. Montague, 180 Jessie St. ,at $3348 imp. Galvez Ave., bet. Lane and Keith, involv. 4000 cu. yds. cut, $.80 cu. yd.; 3700 cu. yds. fill, $.04 cu. yd.

M. J. Treacy, Call Bldg., at $693, imp. Green St. from Jones westerly, involv. 171 lin. ft. 8-in. sewer, $4 lin. ft.; 1 br. manhole, $120; 2 lampholes, $60; six 8-in. wye branches, $6.50.

SONOMA COUNTY, Calif.—Following bids rec. by State Highway Commission Dec. 31, to grade 11.5 mi. of highway in Sonoma county, bet. Beltane & Schellville and 7.2 mi. to be surfaced with gravel or broken stone and 4.3 mi. paved with Port. cem. conc. involv. 45,000 cu. yds. roadway embank. without classification; 76,800 sta. yds. overhaul; 3900 cu. yds. struc. excavation without classification; 13,120 cu. yds. crushed gravel or broken stone surface; 22,524 lin. ft. subgrade (preparing and shaping); 8975 cu. yds. class A Port. cem. conc. (pavement); 1425 cu. yds. class Port. cem. conc. (culverts and monuments); 967 hundredweights bar rein. steel in place; 39 lin. ft. 18-in., and 34 lin. ft. 24-in. corru. metal pipe; 1464 lin. ft. size 2-in. and 220 lin. ft. size 3-in. reinforced conc. culvert (type A or B or C); 160 haul and set monuments. Commission will furnish corru. metal pipe:

Galbraith & Janes, San Mateo	$274,260.61
Englehart Lord & Bishop, Napa	278,609.90
Blumenkranz & Vernon, Stockton	284,433.50
General Constr Co., S. F.	304,108.70
Kaiser Paving Co., Oakland	309,319.85
Wilson Ellis, Berkeley	310,802.50
Blanco & Taylor, Vallejo	316,482.93
Isbell Constr. Co., Fresno	319,921.80
Engineer's estimate	207,965.95

OAKLAND, Cal.—Until Jan. 10, 11 a. m., bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of Kirkham St., etc., involv. grade and pave; const. curbs, guters, catchbasins, conduits and manholes. 1911 Act. Cert. chk 10% payable to city req. W. W. Harmon city engineer.

PHOENIX, Ariz. — Plans are under way to const. 10 mi. on Buckeye and Hassayampa road bet. Phoenix and Yuma. The Buckeye committee has secured county aid for an 18 ft. roadway instead of 9 as originally planned.

SAN DIEGO, Cal.—George R. Daley, 4430 Boundary St., San Diego, awarded contr. by council at $26,281 to imp. Louisiana St., bet. pas and Lincoln Sts. Griffith Co. bid $27,385.43.

Griffith Co., 25 14th St., San Diego, awarded contr. at $42,419 to imp. 24th, 25th and B Sts.

G. R. Daley awarded cont. to pave Girard St. and Coast Blvd. at $35,467.

Griffith Co. awarded cont. to pave First, Second and Third Sts., at $55,540.

G. R. Daley awarded cont. to pave Maryland St., bet. Madison and Vanburen, at $20,943.

MILL VALLEY, Marin Co., Cal. — Town trustees, Will Falley, clerk, declare inten. to imp. portions of Corte Madera, Throckmorton Aves., Mill St., Lovell Ave., ets. etc., involv. grade and pave with 5-in. hyd. conc. portions to have shoulders of asph. cem. surfaced macadam; conc. curbs and gutters; corru. iron pipe culverts with conc. inlets; corru. iron arch culverts; conc. catchbasins; one tile culvert. 1911 Act and 1915 Act. Protests Jan. 8. J. C. Oglesby, town engineer.

LA JOLLA, Cal.—Until 10 A. M., Jan. 9th, bids will be rec. by La Jolla Properties, Inc., at the office of the engr., George A. Schwabland, Inc., 655 Spreckles Bldg., San Diego, to grade and pave streets in La Jolla, Hermosa Subdivision, incl. const. of concr. and corr. iron pipe culverts and appurtenances; also laying of cast iron water mains and appurtenances; also the constr. of sewer system complete: sewage disposal tank, etc. Plans obtainable from engr. upon deposit of $10. Cert. chk. or bond, 10%. B. W. Sinclair, pres. This will be a cash job and amount to approx. $140,000.

SAN JOSE, Santa Clara Co., Cal. — A. J. Raisch, 46 Kearny St., San Francisco, awarded cont. by council to imp. 2nd St., bet. Empire and Taylor, involv. grade; pave with 1½-in. "Durite" asph. conc. surface on 3-in. "Durite" asph. conc. base; hyd. conc. curbs and gutters; 2 br. catchbasins; 8-in. vit. pipe drains.

OLYMPIA, Wash.—Until Jan. 22, 10 a. m., bids will be rec. by State Highway Commission, for following projects:

(1) Clearing 10.1 mi. of Olympic highway from Lunch creek west in Grays Harbor and Jefferson counties.

(2) Clear 22.4 mi. of Olympic highway bet. Hoh river and north line of Quinault Indian reservation, Jefferson county.

(3) Surface with crushed rock 10 mi. of Inland Empire highway from Spangle north in Spokane county.

GLENDALE, Cal.—Cornwell & Henderson, 120 S Glendale Ave., Glendale, submitted low bid to council at $16,662 to imp. Concord St., Pioneer Dr., Fairmont Ave., etc., involv. 83,600 sq. ft. grading 2c ft; 2450 ft. curb 50c ft; 12,350 sq. ft. walk 17c ft; 150 sq. ft. gutter 20c ft; 59,935 sq. ft. 3-in. macad. 11c ft.; water pipe complete, $4940; culverts, $100.

W. J. Curren, Box 159 Glendale, low at 016,409 to imp. Windsor Rd., Garfield Ave., and Los Angeles St., involv. 91,550 sq. ft. grading 1c ft; 91,550 sq. ft. 5½-in. macad. 13.5c ft.; 2080 ft. 4-in. class B water pipe $3135 (lump sum).

E. L. Fleming, 324 W Dryden, Glendale, low at $6786 to imp. Thompson Ave., bet. Glenwood Ave. and Kenneth Rd., involv. 61,825 sq. ft. grading 25c ft; 2079 ft. curb 50c ft; 10,304 sq. ft. walk 17c ft; 4155 sq. ft. gutter 21c ft; 27,018 sq. ft. 3-in. macad. paving.

OAKLAND, Cal.—Heafey, Moore and McNair 2030 High St., Oakland, at $32,541 were awarded contract to imp. sts. in towns of Livermore and Pleasanton, involv. 4200 cu. yds. grading; 134,000 sq ft. sub-grade; 40 cu. yds. culvert excavation; 20 cu. yds. conc. in structures; 2000 lbs. reinf. steel; 100 lin. ft. 12-in. corru. pipe culvert; 130,000 sq. ft. 5-in. conc. pavement; 180 lin. ft. 18-in. corru iron culvert. Other bids were: Hutchinson Co., $33,183; Lopez, King & Jones, $33,790; Kaiser Paving Co., $35,430. Co. Surveyor Geo. A. Posey. Geo. E. Gross, county clerk.

PORTLAND, Ore.—Port of Portland Commission awards contract to Willamette Iron and Steel Co. at $25,400 to fur. 4000 ft. of pontoon pipe for 30-in. suction dredges. West Coast Iron and Steel Co., at $26,200 awarded cont. to fur. 8000 ft. 30-in. shore pipe.

TUCSON, Ariz.—Until 4 p. m., Jan. 10 bids will be rec. by council to imp. portions of various streets under res. of inten. No. 789 and known as the Southeast Grading Improvement. Bond 10%. G. H. Atchley, supt. of streets.

EL CERRITO, Contra Costa Co., Cal. —City trustees vote to improve Cutting Blvd. from west city limits to San Pablo Ave. City Eng. Ross L. Calfee is preparing estimates of cost to install sewers in the Moran and C. W. Boden tract.

ORANGE COUNTY, Calif.—As previously reported, bids will be rec. bf State Highway Commission, Forum Bldg., Sacramento, until Jan. 14, 2 p. m. for 8.2 mi. of highway in Orange county bet. Huntington Beach and Corona Del Mar, 8.2 mi. to be graded and 3.5 mi. to be paved with Port. cem. conc. Project involv. 111,100 cu. yds. roadway embankment without classification; 187,000 sta. yds. overhaul (two stations or less); 746,900 sta. yds. overhaul (greater than two (2) stations); 135 cu. yds. structure excavation without classification; 18,585 lin. ft. preparing and shaping subgrade (pavement); 7920 cu. yds. class A Port. cem. conc. (pafement); 80 cu. yds. class A Port. cem. conc. (structures); 55 hundredweights bar rein. steel in place (structures); 723 lin. ft. 18-in. reinf conc. pipe; 723 lin. ft 24-in. rein. conc. pipe, 136 each hauling and setting monuments. R. M. Morton, state highway engineer.

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SAN DIEGO, Cal.—George R. Daley, 4430 Boundary St., San Diego, submitted low bid to council to imp. Maryland St., involv. 73,692.8 sq. ft. 4-in. conc. paving with 1½-in. asph. wearing surface 21c sq. ft.; 31,174 sq. ft. 2½-in. bitum. base paving with 1½-in. asph. wearing surface 16.3c sq. ft.; 200.9 sq. ft. conc. walk 24c ft.; 297.5 ft. curb 70c ft; miscellaneous at $130.

Griffith Co., 25 14th St., San Diego, low bidder to imp. First, Second and Third Sts., involv. 31,200 sq. ft 4-in. cem. conc. paving with 1½-in. asph. surface 25.4c ft.; 173,086.88 sq. ft. 3-in. bitum. paving with 1½-in. asph. conc. wearing surface 17c ft.; 99,451.08 sq. ft. 2½-in. bitum base with 1½-in. asph. conc. surface 16.2c ft.; 674.42 sq. ft. walk 24c ft.; 1298.61 ft. curb 68c ft; 16 4-in. cem. conc. laterals $35 ea.; 8 6-in. cem. conc. laterals $40 each; miscellaneous at $150.

NEWPORT BEACH, Cal.—Gibbons & Reed Co., 905 S Olive St., Los Angeles, submitted low bid to city trustees at $133,654.75 to const. Balboa Island sewer system. Paul E. Kressly, 732 H. W. Hellman Bldg., Los Angeles, consulting engr. Other bids were: Bent Bros., $141,953.06; Thomas Haverty Co., $163,208.75; Chas. W. Schreath, $177,796.35; Engr's. est., $136,797.60. Project involv. 26,441 ft. 8-in. cem. pipe san. sewer; 2157 ft. 12-in. cem. pipe san. sewer; 274 std. drops, hse. connection (type G) 14 std. junc. chambers (type A); 5 std. junc. chambers (type B); 4 std. drop manhole (type C); 50 std. manhole (type D); 5 std. manhole (type E); 27 std. shallow flush tanks; 4 std. combination flush tanks and manholes; 1 std. manhole (type H); 2 pumping stations; siphon under Grand Canal; pressure line from Sta. 1 to septic tank; 1 septic tank sludge bed, complete.

WHITTIER, Cal.—Griffith Co., 502 L. A. Ry. Bldg., Los Angeles, awarded contract by city trustees at approx. $82,000 for imp. Bailey St., bet. east and west city limits, involv. sub-grade at 4c sq. ft., paving at 24.4c sq. ft., light curb at 55c ft., walks at 20s ft., catchbasin $300, culvert $9800.

EUREKA, Humboldt Co., Cal.—Until Jan. 15, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to fence both sides of state highway from Station 338 plus 60 to Station 371 plus 90, approx. 3330 ft. through lands of Loftus Gray, Division 1, Humboldt Co., Rt. 20, Sec. C.

Separate bids, same date, to fence both sides of state highway beg. at end of present fence at Station 998 plus and running to Station 1032 plus, 4440 ft., through lands of Hammond Lumber Co., at Stone Lagoon.

Cert. check 10% req. Plans on file in office of clerk. A. J. Logan, county surveyor.

TUCSON, Ariz. — Borderland Constr. Co., Tucson, awarded contr. by council at $158,726 to imp. Speedway, bet. Stone Ave. and the new city limits, by paving with warrenite-bitul. pavement, incl. curbs.

SAN FRANCISCO — Until Jan. 9, 3 p. m., bids will be rec. by Bd. Pub. Wks to sewer and pave Farallones St., bet. Plymouth and San Jose Aves., est. cost $12,000 .Spec. obtainable from Bureau of Engineering, 3rd floor, City Hall.

JUNEAU, Alaska—Until Jan. 23, 9 a. m., bids will be rec. by Dist. Eng. U. S. Bureau of Roads, Juneau, to improve Ketchikan-Wards Cove rd. in Tongass Natl. Forest, Alaska; grading and graveling approx. 6-mi. involving 6000 cu. yds. rock excavation; 3000 yds. common excavation; 204 ft. culverts and 8262 cu. yds. crushed rock. Quarry sites are located along road to be improved and Govt. has equipment to lease contractor. Plans obtainable from Eng. at Juneau and from C. H. Purcell, Dist. Eng of Bureau, Postoffice Bldg., Portland, Oregon.

SAN JOSE, Santa Clara Co., Cal. — City council, J. J. Lynch, clerk, declares inten. to imp. 4th St., bet. Jackson and Taylor, involv. grade; pave with 1½-in. Warrenite Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curb and gutter. 1911 Act and Bond Act. 1915. Protests Jan. 14. Wm. Popp, city eng.

HANFORD, Kings Co., Cal. — City trustees, D. C. Williams, clerk, declare inten. to imp. portions of Water and Irwin Sts., involv. grading and paving with 3-in. bituminous base with 1½-in. Warrenite-Bit. surface; cem. curbs and gutters. 1911 Act and Bond Act 1915. Protests Jan. 21. Ben Duffield, city engineer.

EUREKA, Humboldt Co., Cal.—Until Jan. 15, 2 P. M., bids will be rec. by Fred M. Kay, county clerk, to widen and gravel the Peninsula road from Samoa to Mad River slough bridge. Separate bids are desired for grading and graveling. Cert. check 5% res. with each bid. Spec. on file in office of clerk. A. J. Logan, county surv.

MONROVIA, Cal.—City trustees declare inten. to const. san. sewer in 6th Ave., bet. 40 ft. n of White Oak Ave. and Orange Ave; 1911 act. Lewis P. Black, city clerk.

YUMA, Cal.—Council declares inten. to const. brick, conc. and iron manholes, 8-in. vit. pipe san. sewer, and 4-in. vit. wyes and hse. sewers, in portions of Maiden Lane, and other sts.; F. S. Ming, mayor. S. F. Stanley, city recorder.

SAN FRANCISCO — Board of Public Works completes spec. to const. 5250 sq ft. art. stone walks in 39th Ave., bet. Cabrillo and Fulton sts. Est. cost $1000

VENICE, Cal.—City trustees declare inten. to imp. Linden Ct. bet. Milwood and Rialto Aves., etc., grade and pave with 4-in. cem. conc., const. curb and walks; 1911 act. T. H. Hanna, city clk.

SAN FRANCISCO—Board of Public Works completes spec. to imp. 28th Ave bet. Cabrillo and Fulton Sts., involv. 580 lin. ft. 8-in. vit. pipe sewer; 38 8-in. wye branches; 2 br. manholes; 1200 lin. ft. conc. curb; 24,000 sq. ft. asph. conc. pavement. Est. cost $10,600. M. M. O'Shaughnessy, city eng

LONG BEACH, Cal.—Council declares inten. to const. reinf. conc. and cem. conc. storm drain of from 12-in. to 42-in. dia. in portions of Termino Ave., bet. 11th and Anaheim Sts., etc. 1911 act. H. C. Waughop, city clerk.

FRESNO, Fresno Co., Cal.—Pearl Investment Co., Fresno, is having plans prepared to grade and oil streets in the Ventura Addition.

TULARE, Tulare Co., Cal.—New proceedings have been started to pave a number of streets and bids will be asked in the immediate future. The council will adopt the same paving program which was abandoned last year.

PORTERVILLE, Tulare Co., Cal. — City Eng. Fred Pease instructed to prepare spec. to pave approx. 30 blocks of streets. This is in addition to contract recently let for approx. 50 blocks.

SOUTH PASADENA, Cal.—City trustees declare inten. to imp. Pico Alley, easterly; grade; pave with 5-in. cem. conc., 1911 Act.

Inten. declared to imp. Edison Lane, bet. El Centro and Oxley Sts.; grade; pave with 5-in. cem. conc.!; 1911 act. Nettie A. Hewitt, city clerk.

LOS ANGELES, Cal.—L. A. Paving Co., 2900 Santa Fe Ave., submitted low bid to Bd. Pub. Wks. to imp. Elmwood Ave. bet. Wilton Pl and Van Ness Ave., involv. grading $800 (lump sum); 15,540 sq. ft. Warrenite-bitul. paving 29.5c ft.; 6 ft. curb 80c ft; 1197 sq. ft. gutter 32c ft.

PASADENA, Cal.—City directors declare inten. to const. san. sewer, with manholes, flush tank and wye branches, in La Loma Rd., bet. Laguna Rd. and San Rafael Ape.

Inten. declared to const. san. sewer, complete, in Marengo Ave., bet. Glenarm St. and Los Robles Ave.; 1911 act. W. C. Earle, city engr.

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. portions of Meadow St., involv. grade, $.04 sq. ft.; conc. curb, $.75 lin. ft.; conc gutter, $.28 sq. ft.; oil macadam pave, $.11 sq. ft; cem. walks, $.18 sq ft

Hutchinson Co. awarded cont. to imp. portions of 22nd Ave., involv. grade, $.03 sq. ft; conc. curb, $.70 lin. ft; conc. gutter, $.25 sq ft; oil macadam pave, $.105 sq. ft; cem. walks, $.16 sq. ft.

LONG BEACH, Cal.| — Council declares inten. to imp. under 1911 act:

Alley east of American Ave., betw. Rhea and 20th Sts. and portions of 20th St.; grade and pave with 4-in. ces. conc.; const. class A curb.

17th St., bet. Atlantic and California Sts., etc., grade and pave with 6-in. asph. conc.; const. conc. curb, walk, 18-in. gutter.

Alley east of Atlantic Ave., bet. State and 19th Sts., ets., grade and pave with 4-in. cem. conc.

St. James E., bet. Park Circle and Loma Vista Dr., grade and pave with 6-in. cem. conc.; const. 6-in. corru. iron pipe culvert.

Alley east of Freeman Ave., bet. 11th and Anaheim Sts.; grade and pave with 4-in. cem. conc. R. D. Van Alstine, city engineer.

SANTA BARBARA, Cal.—Council declares inten. to imp. Pedregosa St., bet. San Andreas and Gillespie Sts. Grade; const. cem. conc. driveways, com. conc. curb and 3-ft gutter; catchbasins; 8-in. conc. connecting drain; 1911 act.

Res. of inten. No. 468 adopted to imp. Alberta Ave., bet. Chino and Gillespie Sts. Grade; const. com. cem. concr. curb and gutter; concr. driveways. 1911 act. S. B. Taggart, city clk.

NEVADA STATE — Nevada State Highway Commission, Geo. W. Borden, state highway eng., is preparing plans for following units of system:

Across Mormon Mesa in Clark county 18-mi. gravel surfacing.

Winnemucca to Golconda in Humboldt county, 15.50 mi. of gravel surfacing.

Through city of Winnemucca, Humboldt County, 2.40-mi. gravel surfacing.

Through city of Las Vegas, Clark county, 3.20-mi. conc. and gravel surfacing.

Sparks to Hafed, Washoe county, 7.0 mi. conc. and gravel surfacing; Yerington to East County Line, Lyon county, 13-mi. gravel surfacing.

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818 Mission Street
San Francisco

OLYMPIA, Wash.—State Highway Commission announces 1924 program will include construction of 51 miles of concrete highway and grading and surfacing of 60 miles of roads, with all bridges, the total cost being approx. $6,470,000.

SEATTLE, Wash.—Until Jan. 21, 10 a. m., bids will be rec. by County Commission to const. Quartermaster-Dockton rd. on Maury Island; grade and gravel, 5.52-mi. rd. 18-ft. wide, 64,378 cu. yds. excavation; 24,500 yds. overhaul; 4607 cu. yds. gravel; 14 acres clearing and 9 acres grubbing. Plans obtainable from County Eng. Thos. R. Beeman, Seattle.

TORRANCE, Cal.—City trustees have started proceedings under 1911 act to pave Western Ave. to north city limits; engr was instructed to prepare an assessment district.

RENO, Nevada—City council, J. B. Reese, City Clerk, declares inten. to imp. streets in 1st, 2nd, 3rd, 4th, 5th and 6th wards, involv. grade and pave, or surface with 3½-in. asph. conc. base with 1½-in. asph. conc. surface with asph. finish coat. Jan. 7 is date set to hear protests. Harry Chism, city eng.

LOS ANGELES, ral.—Will F Peck, 4568 Finley Ave., submitted low bid to Bd. Pub. Wks. to imp. Vine St., bet. Melrose Ave. and Yucca St., involv. grading at $19,000 (lump sum); 1800 sq. ft. asph. paving, 35c ft.; 506,133 sq. ft. concr. paving, 27c ft.; 12,086 sq. ft. bitum. base paving, 12c ft.; 10,431 ft. curb, 65c ft.; 54,242 sq. ft. walk, 19c ft.; 521 sq. ft. concr. gutter, 25c ft.; storm drain complete, $132,000; san. sewer complete, $800; 834 ft. hse. sewers, $1.50 ft.; iron pipe lighting conduit complete, $8000.

BERKELEY, Alameda Co., Cal.—City council, E. M. Hann, clerk, votes to imp Addison St., bet. Shattuck Ave. and Oxford St.; will be paved with asphalt and widen 6-ft. by removing 6-ft. of sidewalks. C. L. Huggins, city eng.

FRESNO, Fresno Co., Cal. — City council votes to widen Belmont Ave. from Glenn to Forthcamp Aves., a distance of 6 blocks. City will pay (approx one-half) $25,500 of cost, the balance to be paid by property owners. Wm. Stranahan, city eng.

SAN BERNARDINO, Cal. — Council declares inten. to const. 8-in. vit. pipe sewer in A St., bet. 40 ft. s of city limits and 45 ft. s. of Anderson Alley, with 136 4-in. hse. sewers, five manholes, one flush tank, etc.; 1911 act.

Inten. declared to const. 8-in. vit. pipe sewer in Tenth St., bet. 40 ft. east of Alt. Vernon Ave. and 29 ft. west of I St., including 111 4-in. hse. sewers, four manholes, etc.; 1911 act. J. H. Osborn, city clerk. Protest, Jan. 7.

STOCKTON, San Joaquin Co., Cal.—City council, A. L. Banks, clerk, declares inten. to imp. portions of Charter Way, involv. grade; const. comb. conc. curbs and gutters; conc. walks; pave with 4-in. crushed rock base with 3-in. asph. conc. wearing surface. 1911 Act and 1915 Bond Act. Protests Jan. 21. W. B. Hogan, city eng.

ORANGE, Cal.—Until 1 p. m., Jan. 8, bids will be rec. by city trustees to const. Orange outfall to connect with the joint main outfall at Garden Grove. The line extends from the end of the present Orange system to Garden Grove, approx. 6 miles. Plans obtainable from City Engr. C. C. Bonebrake. Cert. check or bond 10%. W. A. White, city clerk. Bonds in the sum of $64,000 voted for this work.

NEWPORT BEACH, Cal.—Until 7:30 p. m., Jan. 21, bids will be rec. by city trustees to imp. Ocean Blvd., etc., involving approx. quantities: 19,010 cu. yds. excav. (sand); 91,707 sq. ft. 6-in. clay and gravel surface, incl. grading; 152,080 sq. ft. 6-in. conc. pavement, incl grading; 201,697 sq. ft. 8-in. conc. pavement, incl. grading; 18,932 lin. ft. conc. curb; 94,341 sq. ft. conc. walk; 15,115 lin. ft. ¾-in. dia. sheridized iron conduit with one No. 6 lead covered cable; 1000 lin. ft. 1½-in. dia. sheridized iron conduit, with two No. 6 lead covered cables; 99 granite conc. ornam. light posts complete; 4 conc. bases complete; 7660 lin. ft. 6-in. dia. standard steel pipe; 102 lin. ft. 10-in. dia. standard steel pipe; 34 6-in. standard gate valves with manhole; 12 5-in. fire hydrants, complete; 6940 lin. ft. 8-in. cem. pipe san. sewer; 5 standard junction chambers, type A; 13 standard manholes, type D; 1 standard lamphole, type F; 6 standard shallow flush tanks; 61 standard drops for house connections; 181 8x6-in. cem. pipe Y's; 795 6-in. dia. cem. pipe hse. connection sewers. Bids must be submitted for entire work. Plans obtainable from Paul E. Kressly, consulting engr., 732 H. W. Hellman B'dg., Los Angeles on deposit of $10. Cert. check or bond 10%. Alfred Smith, city clerk.

VENICE, Cal.—City trustees declare inten. to imp. Venice Blvd. and portions of Walgrove and Penmar Aves., etc., grade and pave with 1½-in. warrenite-bitul. paving on 3½-in. asph. conc.; const. conc. curbs, walks, curb returns, etc.; 4 conc. lighting posts; some macad. paving. 1911 act. T. H. Hanna, city clerk. Protests Jan. 1.

SOUTHGATE, Cal. — The railroad commission grants permit to city of Southgate, Los Angeles county to const const. Otis St., beneath track of S. P. Co., the city to pay 75 per cent of the cost and Southern Pacific Co. 25 per cent.

BAKERSFIELD, Kern Co., Cal. — Stroud Bros., Bakersfield, awarded cont. by council to const. sewers in District No. 483, involv. 10,845 lin. ft. 6-in. pipe at $1.05 ft.; 2 manholes at $75 each; 4 lampholes at $15 each. Other bids were: Dean & Stroble, $1.26 sewer; $50 manholes; $15 lampholes; F. W. Nighbert, $1.40 sewer; $85 manholes; $10 lampholes.

FRESNO, Fresno Co., Cal.—Until Jan. 10, 12 M., bids will be rec. by E. K. Sturgis, city clerk, to grade and pave const. curbs and gutters in portions of 12th, Kirkham Sts., etc., also catchbasins, conduits and manholes. 1911 Act. Cert. check 10% payable to city req. Plans on file in office of clerk. W. W. Harmon, city eng.

TORRANCE, Cal.—Braun, Bryant & Austin, 1680 4th St., Santa Monica, awarded contr. by city trustees at $32,000 to grade and pave 222nd St., bet. Cabrillo and Arlington Aves., etc., with 1½-in. National pavement on 2½-in. asph. conc. base.

H. G. Feraud, 1214 Detwiler Bldg., Los Angeles, awarded contr. at $20,600 to pave Martina Ave. bet. Carson and 218th Sts. with 1½-in. Willite pavement on 3-in. asph. conc. base.

NEWMAN, Stanislaus Co., Cal.—Roy Krueger, Gustine, awarded cont. by town trustees, W. R. Sherman, town engineer, for (a) 500 ft. 6-in. sewer pipe, incl. length of main barrel of Y joints, together with trenching and laying $.63; (b) 16 4-in. Y branches on 6-in. joint, extra for Y only, not including 6-in. joint $1.75; (c) 16 4-in. stoppers, $.10; (d) 1 6-in. stopper $.20; (e) 1 6-in. Y branch on 6-in. joint, or approved substitute structure, $3; (f) 1 6-in. 60° curve, $1.60; (g) 1 6-in. 45° curve, $1.60.

H. C. Meier, Newman, only other bidder at (a) $.79; (b) $1.30; (c) $.05; (d) $.05; (e) $1.30; (f) $1.30; (g) $1.30.

GLENDALE, Cal.—Excavation will be started shortly on the proposed new 700 ft. boulevard connecting the terminus of Sierra Ave. with the Linda Vista Dist. of Pasadena, and opening up the Glen Oaks Park subdivision in Scholl Canyon. The proposed roadway will be 30 ft., 1½ mi. in length, graded, with 12-in. water main laid the full length. Shovel work will be let to the firm of Ross & Brown, 350 Merrick St., Los Angeles. C. R. Sumner, H. W. Hellman Bldg., consulting engr., has charge of the project.

LOS ANGELES, Cal. — Fewel-Webb Co., Culver City, awarded contr. by Bd. Pub. Wks. for concrete aggregate for section No. 9, of the North Outfall Sewer, at $1.42 per ton for 3700 tons sand distributed along the line of the sewer; and $1.43 per ton for 5400 tons rock also distributed along the line. The freight charge is to be paid by the city.

MARYSVILLE, Yuba Co., Cal.—City council plans early paving of three districts embracing the sections west of A street, including 3rd, 7th, 11th, 12th, 10th, 9th, Orange, Pine Sts., etc. Will be known as Districts 18, 19 and 20. J. O. Wanzer is city manager.

OFFICIAL PROPOSALS

(Continued from Page 25)

NOTICE TO BIDDERS

(10,000-Gal. R. W. Tank)

Bids will be received by the City Council of the City of Sacramento in the Council Chamber of the City Hall, on I Street, between 9th and 10th Streets, **between the hours of 8:15 and 9:15 o'clock P. M., on Thursday, January 10th, 1924,** for the furnishing of one 10,000 gallon redwood tank in accordance with specifications adopted by the City Council at a meeting held on December 27th, 1923, and now on file in the office of the City Clerk.

All proposals must comply with requirements of the City Charter of the City of Sacramento, effective June 30, 1921, and bidders are hereby cautioned that no bid which fails to comply therewith can be considered.

Bids must be submitted upon printed proposal and affidavit form supplied by City Clerk without charge to prospective bidders.

A certified check made payable to the City Controller of the City of Sacramento as prescribed in Section 256 of the said Charter, for not less than 5 per cent of the aggregate of the proposal must accompany each bid, which must be enclosed in sealed envelope marked "Proposal for Redwood Tank," before filing with City Clerk.

The right to reject any and all bids is reserved to the City Council by provisions of said Charter.

H. G. DENTON,
City Clerk.

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BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
4729	Becker	Owner	3000
4730	Porter	Zinkand	13000
4731	Interdonato	Owner	7000
4732	Parkside	Owner	16000
4733	Licht	Owner	20000
4734	Nelson	Owner	10500
4735	Meyerstein	Fisher	25000
4736	Nelson	Owner	4500
4737	Meyers	Fisher	4000
4738	Klopstock	Spargo	15000
4739	Eureka	Owner	1500
4740	Costa	Owner	7300
4741	Stempel	Owner	9000
4742	Crichton	Dilks	3900
4743	Onstott	Adler	13000
4744	Callaghan	Barrett	2500
4745	Boudreau	Jones	1290
4746	Garcia	Johnson	13281
4747	Mt. Zion	Barrett	8900
4748	Same	Coleman	32176
4749	Same	Cohn	10400
4750	Same	Scott	22390
4751	Same	Tittle	8450
4752	Same	Speneer	5850
4753	Siegen	Petersen	18650
4754	Jordan	Wood	8500
4755	Dahl	Owner	4000
4756	Berg	Owner	5000
4757	Sbarbaro	Owner	43000
4758	Onstott	Adler	13000
4759	Crocker	Owner	7600
4760	Same	Same	7600
4761	Same	Same	3800
4762	Same	Same	2800
4763	Same	Same	3800
4764	Same	Same	4800
4765	Same	Same	7600
4766	Same	Same	2800
4767	Same	Same	3800
4768	Same	Same	7600
4769	Ballinger	Griscz	4000
4770	McCarthy	Arnott	3090
4771	Schindler	Finn	4000
4772	Pratt	Hansen	1000
4773	Nelson	Owner	4000
4774	Same	Same	12000
4775	Same	Same	5000
4776	Same	Same	5000
4777	Arnott	Owner	18000
4778	Same	Same	3000
4779	Same	Same	3000
4780	De Martini	Lindeman	12950
4781	Same	Same	12950
4782	Henry	Stevenson	4750
4783	Cohen	Leighton	3500
4784	De Mattei	Peterson	6800
4785	Backnon	Owner	9000
4786	Nelson	Owner	15000
4787	Peterson	Owner	12000
4788	Costello	O'Connor	10500
1	Watson	Owner	10000
2	Union	Honson	1400
3	Miller	Owner	8000
4	Hulett	Owner	4000
5	Anderson	Owner	9000
6	Hall	Owner	20000
7	Neuraumount	Harder	12200
8	Price	Adam	5700
9	Henry	Stevenson	4750
10	Rivers	Owner	4000
11	Collins	Lossing	1500
12	Young	Hamill	7000
13	Janssen	Owner	9000
14	Sullivan	Owner	3500
15	Passantino	Hamill	8000
16	Dummel	Malloch	6000
17	Selvaggi	Kramer	3000
18	de Coito	Owner	3000
19	Larson	Thulin	5000
20	McCarthy	Hamill	9000
21	Erickson	Owner	3950
22	Strand	Owner	7000
23	Hamill	Owner	15000
24	Tieso	Owner	2000
25	Western	Price	1000
26	Schwartz	Royal	6500
27	Minutole	Owner	6000
28	Collins	Owner	11000
29	Van Nuys	Hann	3253
30	Edmonds	Meyer	20716
31	Standard	Cahill	—
32	Dummel	Malloch	6223
33	Dito	Harder	10800
34	Lewis	Schwarz	5400

DWELLING
(4729) W FOURTEENTH AVE 56-2 S Irving. One-story and basement frame dwelling.
Owner—Alfred Becker, 168 Farallone St., San Francisco.
Architect—None. $3000

RESIDENCE
(4730) S PACIFIC AVE 150 W Baker. Two-story basement and attic frame residence.
Owner—Hugh Porter, 821 Balboa Bldg., San Francisco.
Architect—Erle J. Oshorne, 821 Balboa Bldg., San Francisco.
Contractor — Ed. Zinkand & Son, 434 10th Ave., San Francisco. $13,000

FRAME FLATS
(4731) N PRECITA 70 E Alabama. Two-story and basement frame (2) flats.
Owner—Paul Interdonato, 13440 Hampshire St., San Francisco.
Architect—None. $7000

DWELLINGS
(4732) W THIRTY-SECOND AVE 300, 327-1, 354-8 and 382 N Taraval. Four one-story & basement frame dwellings.
Owner — Parkside Realty Co., 617 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., S. F. $4000 each

DWELLINGS
(4733) E TWENTY-SECOND AVE 175, 200, 250 and 275 N Irving. Five one-story and basement frame dwellings.
Owner—Jos. L. Licht, 1883 Fulton St., San Francisco.
Designer—A. M. Hardy, 518 24th Ave., San Francisco.
Contractor—A. M. Hardy, 518 24th Ave., San Francisco. $4000 each

DWELLINGS
(4734) E WAWONA 55, 86 and 134 N Fourteenth Ave. Three one-story and basement frame dwellings.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park, S. F.
Architect—None. $3500 each

RESIDENCE
(4735) N BROADWAY 92-6 E Baker. Two-story and basement frame residence.
Owner—A. L. Meyerstein, 311 California St., San Francisco.
Architect—None.
Contractor—M. Fisher, 711 Mission St., San Francisco. $25,000

DWELLING
(4736) W FORESTSIDE 170 N Ulloa. Two-story and basement frame dwelling.
Owner—Fernando Nelson & Son, Inc., 2 West Portal Park, S. F.
Architect—None. $4500

DWELLING
(4737) S GARCIA 100 W Edgehill. One-story and basement frame dweuling.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Owner—A. L Meyerstein, 311 California St., San Francisco.
Architect—None.
Contractor—M. Fisher, 711 Mission St., San Francisco. $4000

ALTERATIONS
(4738) NO. 2422 MISSION. Remodel for stores and apartments; interior stairways, courts, vents, etc.
Owner—Klopstock Bros., 3320 18th St., San Francisco.
Architect—Samuel Lightner Hyman & A. Appleton, 821 Foxcroft Bldg., San Francisco.
Contractor—J. Spargo, 240 Montgomery St., San Francisco. $15,000

REPAIRS.
(4739) 1715 MISSION STREET. Repair engine house and boiler room, (fire damage).
Owner—Eureka Sash Door & Moulding Mills, 1715 Mission St., San Francisco.
Architect—None. $1500

REPAIRS.
(4740) 55 MERCHANT STREET. Replace floor joists and floors; electric work; install water pipes.
Owner—Josie Costa, 100 Montgomery St., San Francisco.
Architect—None. $7300

APARTMENTS.
(4741) W NINTH AVE., 325' S Geary. Two-story and basement frame (4) apartments.
Owner—R. J. Stempel, 5331 Geary St., san Francisco
Architect—None. $9000

DWELLING.
(4742) E PLYMOUTH AVE., 225' N Grafton. One-story and basement frame dwelling.
Owner—L. G. Crichton & H. A. Dilks, 258 Faxon Ave., San Francisco.
Architect—None.
Contractor—H. A. Dilks, 258 Faxon Ave San Francisco. $3900

APARTMENTS.
(4743) W TWENTY-SEVENTH AVE., 175' S Lake. Two-story and basement frame (4) apartments.
Owner—T. O. Onstott, ——.
Architect & Contractor—Klaus Adler, 493 22nd Ave., San Francisco. $13000

RUNWAY FOR GARAGE.
(4744) W TAYLOR 100' N O'Farrell. Construct runway for public garage.
Owner—Callaghan Estate, 1112 Market St., San Francisco.
Architect—R. W. Jenkins, 243 Diamond St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $2500

ALTERATIONS
(4745) 7139 GEARY ST. All work for alterations to building except electric and painting.
Owner — Amedee P. Boudreau, 7139 Geary St., San Francisco.
Architect—A. P. Boudreau.
Contractor—Thos. M. Jones, 3767 Army St., San Francisco.
Filed Dec. 27, 1923. Dated Dec. 20, 1923.
Payments of 75 %of all bills paid at first of each month.
TOTAL COST—Entire cost of labor and materials plus 10%.
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications, none.

RESIDENCE
(4746) W SANTA PAULA 120 N Yerba Buena being Lot 16 Blk 22 St Francis Wood Extn. No. 2. All work for 2-story and basement frame residence.
Owner—Leon C. Garcia.
Architect—H. C. Baumann & Edw. Jose 251 Kearny St., San Francisco.
Contractor—Edward A. Johnson, 1225 Lowell St., San Francisco.
Filed Dec. 27, 1923. Dated Dec. 24, 1923.
Wall & roof sheathing in place $3320
Brown coated 3320
Completed and accepted 3320
Usual 35 days 3321
TOTAL COST, $13,281
Bond, $6640.50; Sureties, Samuel W. Towle; Forfeit, None; Limit, 90 days; Plans and specifications filed.
Filed Dec. 27, 1923. Dated Dec. 24, 1923.

BUILDING
(4747) S SUTTER 163-8⅝ E Divisadero E 111-3⅜ S 130 W 85-6 N 30 W 25-9⅜ N 100. General work for 7-story class A bldg (nurses home)
Owner—Mount Zion Hospital, Post and Scott Sts., San Francisco.
Architect — Sylvain Schnaittacher and Samuel L. Hyman, 68 Post St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Filed Dec. 27, 1923. Dated Dec. 21, 1923.
5th day each month 75%
Usual 35 days 25%
TOTAL COST, $208,900
Bond, $208,900; Sureties, Hartford Accident & Indemnity Co.; Forfeit, none; Limit, 190 days; Plans and specifications filed.

PLUMBING
(4748) PLUMBING ON ABOVE.
Contractor — Alexander Coleman, 706 Ellis St., San Francisco.
Filed Dec. 27, 1923. Dated Dec. 21, 1923.
Payments same as above.
TOTAL COST, $22,470
Bond, $22,470; Sureties, Hartford Accident & Indemnity Co.; Forfeit, none; Limit, as soon as required; Plans and specifications filed.

PAINTING
(4749) PAINTING ON ABOVE.
Contractor—M. Cohn & Co., 1036 Golden Gate, San Francisco.
Filed Dec. 27, 1923. Dated Dec. 21, 1923.
Payments same as above.
TOTAL COST, $10,400
Bond, $10,400; Sureties, Hartford Accident & Indemnity Co.; Forfeit, none; Limit, 45 days after wood finish in; Plans and specifications filed.

HEATING
(4750) HEATING WORK ON ABOVE.
Contractor—Scott Co., 243 Minna St., San Francisco.
Filed Dec. 27, 1923. Dated Dec. 21, 1923.
Payments same as above.
TOTAL COST, $22,390
Bond, $22,390; Sureties, Hartford Accident & Indemnity Co.; Forfeit, none; Limit, as required; Plans and specifications filed.

(4751) ELECTRIC WORK ON ABOVE
Contractor—H. S. Tittle, 85 Columbia, San Francisco.
Filed Dec. 27, 1923. Dated Dec. 24, 1923.
Payments same as above.
TOTAL COST, $8450
Bond, $4225; Sureties, New Amsterdam Casualty Co.; Forfeit, none; Limit, as soon as possible; Plans and specifications filed.

(4752) ELEVATOR WORK ON ABOVE
Contractor—Spencer Elevator Co., 166 7th San Francisco.
Filed Dec. 27, 1923. Dated Dec. 21, 1923.
When guides installed.....25%
Engine delivered 25%
Engine installed 25%
Usual 35 days 25%
TOTAL COST, $5850
Bond, $5850; Sureties, Hartford Accident & Indemnity Co.; Forfeit, none; Limit, 60 days after hatchway ready; Plans and specifications filed.

BUILDING
(4753) SW HOWARD & ERIE W 112-152-7¼ N 115-11. All work for 1-story and mezz. floor class C concrete building.
Owner—Siegen Realty Co., Lick Bldg., San Francisco.
Architect—None.
Contractor—H. L. Petersen, Lick Bldg., San Francisco.
Filed Dec. 27, 1923. Dated Dec. 27, 1923.
5th each month 75%
Usual 35 days 25%
TOTAL COST, $18,650
Bond, Sureties, Forfeit, none; Limit, 60 days; Plans and specifications filed.

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RESIDENCE
(4754) E NINETEENTH AVE. 200 N Kirkham. All work for frame residence.
Owner—Abbie Lowell Jordan, Mill Valley, Cal.
Architect—None.
Contractor — W. E. Wood & J. Roy Wood, 1219 12th Ave., S. F.
Filed Dec. 27, 1923. Dated Nov. 10, 1923.
Lumber on ground $1000
Roof on 1125
House plastered 2125
Usual 35 days 2125
TOTAL COST, $8500
Bond, Sureties, Forfeit, none; Limit, 150 days; Plans and specifications filed.

DWELLING
(4755) W EIGHTEENTH AVE 225 N Kirkham. One-story and basement frame dwelling.
Owner—Emile Dahl, 1007 Divisadero St., San Francisco.
Architect—None. $4000

DWELLINGS
(4756) S JUDAH 82-6 and 107-6 W Twenty-fourth Ave. Two one-story and basement frame dwlgs.
Owner—Wm. D Berg, 1914 Judah St., San Francisco.
Plans by Owner. $2500 each

FLATS
(4757) E OCTAVIA 25, 50, 75, 100, 125 and 150 N Chesnut. Six two-story and basement frame (2 in each) flats.
Owner — Sbarbaro, Detjen & Noonan, NE Chestnut and Octavia Sts., San Francisco.
Architect—None. $8000 each

APARTMENTS
(4758) W TWENTY-SEVENTH AVE. 150 and 175 S Lake. Two two-story and basement frame apartments (4 apts.)
Owner—T. O. Onstott.
Architect—Klaus Adler, 493 22nd Ave., San Francisco.
Contractor—Klaus Adler, 493 22nd Ave., San Francisco. $13,000

DWELLINGS
(4759) N CHENERY 75 and 100 E Lippard. Two one-story and basement frame dwellings.
Owner — Crocker Estate, 525 Crocker Bldg., San Fransisco.
Architect—None. $3800 each

DWELLINGS
(4760) W CORDOVA 125 and 150 S Prague. Two one-story and basement frame dwellings.
Owner — Crocker Estate, 525 Crocker Bldg., San Fransisco.
Architect—None. $3800 each

DWELLING
(4761) N MUNICH 209 W Cordova. One-story and basement frame dwelling.
Owner — Crocker Estate, 525 Crocker Bldg., San Fransisco.
Architect—None. $3800

DWELLING
(4762) N MUNICH 183 E Naples. One story and basement frame dwlg.
Owner — Crocker Estate, 525 Crocker Bldg., San Fransisco.
Architect—None. $3800

DWELLING
(4763) S MUNICH 195 E Naples. One-story and basement frame dwlg.
Owner — Crocker Estate, 525 Crocker Bldg., San Fransisco.
Architect—None. $3800

DWELLING
(4764) N ROLPH 155 W Munich. One-story and basement frame dwlg.
Owner — Crocker Estate, 525 Crocker Bldg., San Fransisco.
Architect—None. $4800

DWELLINGS
(4765) S WINDING WAY 199 and 232 W Naylor. Two one-story and basement frame dwellings.
Owner — Crocker Estate, 525 Crocker Bldg. San Fransisco.
Architect—None. $3800 each

DWELLING
(4766) W WINDING WAY 137 N Naylor. One-story and basement frame dwelling.
Owner — Crocker Estate, 525 Crocker Bldg., San Fransisco.
Architect—None. $2800

DWELLING
(4767) S WINDING WAY 99 W Naylor One-story and basement frame dwelling.
Owner — Crocker Estate, 525 Crocker Bldg., San Fransisco.
Architect—None. $3800

DWELLINGS
(4768) W WINDING WAY 103 and 171 N Naylor. Two one-story and basement frame dwellings.
Owner — Crocker Estate, 525 Crocker Bldg., San Fransisco.
Architect—None. $3800 each

DWELLING
(4769) S ARLETA 386.73 W San Bruno 1½-story & basement frame dwlg.
Owner—Wm. V. Ballinger, 1830 Church St., San Francisco.
Plans by owner.
Contractor—F. C. Grisez, Box 156 San Bruno, Cal. $4000

DWELLING
(4770) S DE MONTFORD 25 E Faxon. 1-story and basement frame dwelling.
Owner — McCarthy Co., 316 Bush St., San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $3000

REMODEL
(4771) 955-957 FELL STREET. Remodel 3 flats for 10 apartments; change front; construct 4 private garages.
Owner—Mrs. Edith A. Schindler, 1120 Taylor, San Francisco.
Architect—None.
Contractor—Finn and Gans, 3930 Mission St., San Francisco. $4000

REMODEL
(4772) 1340 UTAH ST. Rearrange windows and doors for living quarters
Owner—Mr. and Mrs. Pratt.
Architect—None.
Contractor—Hansen, Roberts & Zumwalt, 4145 Bdwy, Oakland. $1000

DWELLING
(4773) W WESTWOOD 32 S Pizarro. 1-story and basement frame dwlg.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St, San Francisco. $4000

DWELLINGS
(4774) E WESTWOOD 285 325 & 365 N Wildwood. 3 1-story and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000 each

DWELLING
(4775) SW WESTWOOD DRIVE AND Pizarro. 1-story & basement frame dwelling.
Owner — Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $5000

DWELLING.
(4776) NW WESTWOOD DRIVE AND Elmwood Way. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $5000

DWELLINGS.
(4777) W EDGAR 125 150 175 200 225 and 250′ S Bruce. Six 1-story and basement frame dwellings.
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco.
Architect—None. $3000 each.

DWELLING.
(4778) E FAXON AVE., 125′ S De-Montford. One-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco.
Architect—None. $3000

DWELLING.
(4779) N STAPLES 100′ E Forester. One-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco.
Architect—None. $3000

APT. HOUSE
(4780) N CALIFORNIA 57-6 W 11th Ave. W 25 x N 100. All work for 2-story and basement frame apartment house.
Owner — Cesare & Frank De Martini, 619 27th Ave., S. F.
Architect—None.
Contractor—H. O. Lindeman, 619 27th Ave., S. F.
Filed Dec. 28, 1923. Dated Dec. 10, 1923.

One Hundred and Twelfth Half Yearly Report

The San Francisco Savings and Loan Society

(THE SAN FRANCISCO BANK)

SAVINGS COMMERCIAL

INCORPORATED FEBRUARY 10th, 1868.

One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco

526 CALIFORNIA STREET, SAN FRANCISCO, CALIFORNIA

DECEMBER 31st, 1923

Assets—

United States Bonds and Notes, State, Municipal and Other Bonds (total value $26,044,944.64) standing on books at	$24,363,134.03
Loans on Real Estate, secured by first mortgages	56,795,864.27
Loans on Bonds and Stocks and other Securities	1,266,771.45
Bank Buildings and Lots, main and branch offices (value $1,450,000.00), standing on books at	1.00
Other Real Estate (value $50,000.00), standing on books at	1.00
Employees' Pension Fund (value $430,275.37) standing on books at	1.00
Cash on hand and checks on Federal Reserve and other banks	6,748,695.82
Total	$89,174,468.57

Liabilities—

Due Depositors	$85,324,468.57
Capital Stock actually paid up	1,000,000.00
Reserve and Contingent Funds	2,850,000.00
Total	$89,174,468.57

GEO. TOURNY, *President* A. H. MULLER, *Secretary.*

Subscribed and sworn to before me this 31st day of December, 1923.
[SEAL] CHAS. F. DUISENBERG, Notary Public.

A Dividend to Depositors of FOUR AND ONE-QUARTER (4¼) per cent per annum was declared, Interest COMPUTED MONTHLY and COMPOUNDED QUARTERLY instead of Semi-Annually as heretofore,
AND MAY BE WITHDRAWN QUARTERLY

Deposits made on or before January 10th, 1924, will earn interest from January 1st, 1924.

Frame up and enclosed.....$3237.50
Rough plastered 3237.50
Completed and accepted ... 3237.50
Usual 35 days 3237.50
TOTAL COST, $12,950
Bond, Sureties, Forfeit, none; Limit, 120 days; Plans and specifications filed

APARTMENT BLDG.
(4781) N CALIFORNIA 82-6 W 11th Ave. W 25 N 100. All work for 2-sto and basement frame apt. bldg.
Owner—Cesare & Frank De Martini, 619 27th Ave., San Francisco.
Architect—None.
Contractor—H. O Lindeman, 619 27th Ave., San Francisco.
Filed Dec. 10, 1923. Dated Dec. 28, 1923. Payments same as above.
TOTAL COST $12,950
Bond, Forfeit, Sureties, none; Limit, 120 days; Plans and Specifications filed.

BUNGALOW
(4782) W TWENTIETH AVE., 375 N Taraval N 25xW120. All work for 1-story and basement frame bungalow.
Owner—Earl G. and Helen P. Henry, 275 San Jose, San Francisco.
Architect—None.
Contractor—L. H. Stevenson, 45 Worth, San Francisco.
Filed Dec. 28, 1923. Dated Dec. 24, 1923.
On execution of agrmt.....$ 750
Roof on 1000
Brown coated 1000
Completed and accepted 1000
Usual 35 days 1000
TOTAL COST, $4750
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and Specifications not filed.

DWELLING
(4783) E FORTIETH AVE 203-6 S Balboa. One-story and basement frame dwelling.
Owner—Helen Cohen, 623 23rd Ave., San Francisco.
Architect—None.
Contractor—Sam Leighton, 623 23rd Ave., San Francisco. $3500

FRAME FLATS
(4784) W GUERRERO 61 S Nineteenth Two-story and basement frame (2) flats.
Owner—Frank De Mattei and A. D Mattei, 703 Guerrero St., S. F.
Architect—None.
Contractor—Gustave Peterson, 683 9th Ave., San Francisco. $6800

DWELLINGS
(4785) NW HEARST AVE & GENESEE and N Hearst Ave 34 and 67 W Genesee. Three one-story and basement frame dwellings.
Owner—Backman Bros., 124 Forester St., San Francisco.
Architect—None. $3000 each

DWELLINGS
(4786) W TWENTY-EIGHTH AVE 65, 90 and 115 N Cabrillo. Three two-story and basement frame dwlgs.
Owner—Norman Nelson, 771 28th Ave. San Francisco
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $5000 tach

RESIDENCE
(4787) E TWENTY-FIRST AVE 100 N Lake. Two-story and basement frame residence.
Owner—C. H. Peterson, 185 Stevenson St., San Francisco.
Architect—Aug. Headman, Call Bldg., San Francisco. $12,000

DWELLINGS
(4788) W FORTY-SIXTH AVE 292-6 S Balboa. All work for two one-story frame dwellings.
Owner—Wm. Costello, 758 29th Ave, San Francisco.
Architect—None.
Contractor—John O'Connor.
Filed Dec. 29, '23. Dated Nov. 22, '23.
4 equal payments as follows:
Frame up .....
Brown coated .....
Carpenter work done.....
Usual 35 days.....
TOTAL COST, $10,500
Bond, limit, forfeit, plans and specifications, none.

FRAME FLATS
(1) E FOURTEENTH bet. Alpine and Bucna Vista. Two-story and basement frame (2) flats.
Owner—R. Watson, 2429 Mission St., San Francisco.
Plans by Owner. $10,000

ALTERATIONS
(2)) NO. 2325-27 BRYANT. Replace roof and other portions of residence destroyed by fire.
Trustee—Union Trust Co., Market and Grant Ave., San Francisco.
Architect—None.
Contractor—L. A. Hinson, 1228 Grove St., San Francisco. $1400

FRAME FLATS
(3) W FOURTEENTH AVE 162-6 N Fulton. Two-story and basement frame (2) ats.
Owner—Morris Miller, 1342 Cabrillo St, San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $8000

STORE, ETC.
(4) N JOOST AVE 50 E Lippard. Two-story and basement frame store and flat.
Owner—Esther A. Hulett, Premises.
Architect—R. R. Irvine, 736 Call Bldg., San Francisco. $4000

DWELLINGS
(5) W LISBON 125 150 and 175 S France. Three one-story and basement frame dwellings.
Owner—K. Anderson, 133 Bertita St., San Francisco.
Architect—None. $3000 each

DWELLINGS
(6) W TWENTY-SECOND AVE 100, 126, 152, 178 and 204 N Judah. Five one-story and basement frame dwellings.
Owner—C. A. Hall, 1301 4th Ave., San Francisco.
Architect—None. $1000 each

FRAME FLATS
(7) S FRANCISCO 112-6 E Gough S 137-6xE 25. All work for two-story and garage frame flats.
Owner—Justin R. and Lillie M. Nevraumont, 345 Battery St., S. F.
Architect—None.
Contractor—John Harder, 870 39th Ave., San Francisco.
Filer Dec. 31, '23. Dated Dec. 22, '23.
Frame up $3050
Brown coated 3050
Completed and accepted..... 3050
Usual 35 days..... 3050
TOTAL COST, $12,200
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUILDING
(8) SW HARRISON AND HARRIET. All work for one-story reinforced concrete building.
Owner — Merton J. Price, 850 Pacific Bldg., San Francisco.
Architect—Dodge A. Riedy, 850 Pacific Bldg, San Francisco.
Contractor—Adam Arras Co.
Filed Dec. 31, '23. Dated Dec. 24, '23
Excavating completed $1000
Concrete walls poured..... 2175
Completed and accepted..... 1100
Usual 35 days..... 1425
TOTAL COST, $5700
Bond, $2850. Sureties, J. S. Malloch & M. H. Gnecco. Limit, 40 days. Forfeit, none. Plans and specifications filed.

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones—the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert C. Samuels Co. JEWELERS
33 Kearny 895 Market

BUNGALOW
(9) W TWENTIETH AVE 375 N Taraval N 25xW 120. All work for one-story and basement frame bungalow.
Owner—Earl G. and Helen P. Henry, 279 San Jose Ave, S. F.
Architect—None.
Contractor—L. H. Stevenson, 45 Worth St., San Francisco.
Filed Dec. 31, '23. Dated Dec. 28, '23.
On execution of agreement....$ 750
Roof on 1000
Brown coated 1000
Completed and accepted..... 1000
Usual 35 days..... 1000
TOTAL COST, $4750
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING
(10) N ANZA 32-6 W Forty-third Ave. One-story and basement frame dwelling.
Owner—C. B. Rivers.
Architect—None. $4000

ALTERATIONS
(11) NO. 3 BRODERICK. Remodel flat for (2) apartments.
Owner—Josephine Collins, Premises.
Architect—None.
Contractor—Wm. E. Lossing, 88 6th St., San Francisco. $1500

FRAME FLATS
(12) S CABRILLO 25 E Thirty-fourth Ave. Two-story and basement frame (2) flats.
Owner—J. E. Young, 1162 Market St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $7000

DWELLINGS
(13) N CAMINO DEL MAR 40 and 60 E Twenty-sixth Ave. Two two-story and basement frame dwlgs.
Owner—E. A. Janssen, 402 Hearst Bldg, San Francisco.
Architect—None. $4500 each

ALTERATIONS
(14) S GRAFTON 25 W Plymouth. General alterations and additions for dwelling.
Owner—Jno. M. Sullivan, 119 Lexington Ave., San Francisco.
Architect—Leu M. Gardiner. $3500

DWELLING
(15) E GOUGH 87-6 N Union. Two-stor and basement frame dwelling.
Owner—I. Passantino, 6140 Geary St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $8000

DWELLING
(16) N HANCOCK 150 W Church. One-story and basement frame dwelling.
Owner—Frank J. Dummel, % Contractor.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.
Contractor—J. S. Malloch, 180 Jessie St., San Francisco. $6000

ALTERATIONS
(17) NO. 1245-47 KEARNY. Raise (2) flats 8 feet; concrete basement; stucco front; electric work; plumbing and general interior changes.
Owner—L. Selvaggi, Livermore.
Architect—None.
Contractor—N. W. Kramer, 415 Divisadera St., San Francisco. $3000

DWELLING
(18) N KEY AVE. near Railroad Ave. One-story and basement frame dwelling.
Owner — Jose Jeaquin de Coito, 1358 Galvez Ave., San Francisco.
Architect—Ed. Malloch, 1711 Oak St., San Francisco. $3000

SHOP, ETC.
(19) NW MARIPOSA AND FOTRERO Ave. One-story and basement frame studio aid shop.
Owner—O. F. Larson & Son, 178 Guerrero St., San Francisco.
Architect—None.
Contractor—A. L. Thulin, 120 Otis St, San Francisco. $5000

FRAME FLATS
(20) N MARKET 120 W Castro. Two-story and basement frame (2) flats.
Owner—Nellie McMarthy, 6140 Geary San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $9000

DWELLING
(21) E NEWTON 75 N Morse. One-story and basement frame dwlg.
Owner—Oscar L. Erickson, 4507 Mission St., San Francisco.
Architect—None. $3950

FRAME FLATS
(22) E TWELFTH AVE 75 N California. Two-story and basement frame (2) flats.
Owner—Strand & Strand, 4 Steiner St., San Francisco.
Architect—None. $7000

APARTMENTS
(23) N MARKET 60 W Castro. Three-story and basement frame (5) apartments.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $15,000

DWELLING
(24) W LUNDY LANE 50 S Esmeralda One-story and basement frame dwelling.
Owner—Frank Tieso.
Architect — A. W. Richardson, 941 Church St., San Francisco. $2000

ALTERATIONS
(25) SE MARKET AND SIXTH. Remove present and install new sidewalk lights.
Owner—Western States Life Insurance Co., Premises.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—L. H. Price, 180 Jessie St., San Francisco. $1000

ALTERATIONS
(26) NO. 749 MARKET. Install plate glass show windows; level sloped flooring; tile and concrete over present floor surface; erect stairs.
Owner—Schwartz-Kasser Improvement Co., 906 Pacific Bldg., S. F.
Architect—Royal Show Case Co.
Contractor—Royal Show Case Co., 759 McAllister St., S. F. $6500

DWELLINGS
(27) W NAPLES 100 and 125 N Seville Two one-story and basement frame dwellings
Owner—A. Minutole, 171 Newton St., San Francisco.
Architect—None. $3000 each

DWELLING
(28) S GREENWICH 175 W Larkin. Two-stery and basement frame dwelling.
Owner—J. L. Collins, 180 Jessie St., San Francisco.
Architect—W G. Hind, 711 Hearst Bldg., San Francisco. $11,000

BUILDING
(29) 806 BUCHANAN. Alterations to 2-story and basement brick bldg.
Owner—J. B. Van Nuys, Los Angeles.
Engineer—C. Heller, 57 Post St., S. F.
Contractor—C. C. W. & H. H. Haun.
Filed Jan. 2, 1924. Dated Dec. 28, 1923.
Elevator pit & concrete flooring over 1st or 2nd floor comp... $1000
Completed and accepted 1439
Usual 35 days ..... ——
TOTAL COST, $3253
Bond, Sureties, Forfeit, Limit, Plans & Specifications, none.

BUNGALOWS
(30) W THIRTY-SIXTH AVE. 200 N Balboa N 100 x W 120. All work for 4 1-story and basement bungalows.
Owner—J. W. Edmonds, 672 27th Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5324 Geary St. San Francisco.
Filed Jan. 2, 1924. Dated Nov. 28, 1923.
Side & roof sheathing in place $5179
Brown coated 5179
Completed and accepted 5179
Usual 35 days 5179
TOTAL COST, $20,716
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and specifications, none.

WAREHOUSE
(31) NW NINTH AND BRANNAN. All work for warehouse.
Owner — Standard Sanitary Manufacturing Co., 351 Sutter St., S. F.
Architect — Weeks & Day., California Insurance Bldg., San Francisco.
Contractor — Cahill Brothers Inc., 110 Sutter St., San Francisco.
Filed Jan. 2, 1924. Dated Nov. 19, 1923
Contractor to receive amounts of money paid for material and labor monthly and 5% of such amount as part payment of his fee on completion balance of fee due contractor.
TOTAL COST—Not to exceed $284,000 contractor to receive $15,000.
Bond, $269,000; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, 216 days; Plans and specifications filed.

RESIDENCE
(32) N HANCOCK 150 W Church. All work for 1-story and basement frame residence.
Owner—Frank J. & Marie C. Dummel, 1153 Guerrero St., San Francisco.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.
Contractor—J. S Malloch, 180 Jessie St. San Francisco.
Filed Jan. 2, 1924. Dated Dec. 26, 1923.
Roof rafters on $1555.75
White coated 1555.75
Completed and accepted..... 1555.75
Usual 35 days 1555.75
TOTAL COST, $6223
Bond, $3111.50; Sureties, Arthur Eloin and Adam Arras; Forfeit, none; Limit, 90 days; Plans and specifications filed.

BUILDING
(33) S BAY 150-9 E Franklin S 137-6 x E 25. All work for 2-story frame building.
Owner—Vincent & Grace Dito, 1247 Bay St., San Francisco.
Architect—None.
Contractor—John Harder, 870 39th Ave San Francisco.
Filed Jan. 2, 1924. Dated Nov. 17, 1923.
Frame completed $2025
Ready for lath & plaster 2025
Brown coated 2025
Completed and accepted 2025
Usual 35 days 2700
TOTAL COST, $10,800
Bond, Sureties, Forfeit, none; Limit, 95 days; Plans and specifications filed.

BUILDING
(34) E ELEVENTH 175 N Mission N 25 x 80. All work for 1-story brick building.
Owner—Edward & Henrietta Lewis 343 6th St., San Francisco.
Architect—Chas. Schwarz, 1444A Hyde St., San Francisco.
Contractor—Chas. Schwarz 1444A Hyde St., San Francisco.
Filed Jan. 2, 1924. Dated Jan. 2, 1924.
Brick walls up and ready for rafters $2025
Completed and accepted 2025
Usual 35 days 1350
TOTAL COST, $5400
Bond, $2700; Sureties, N. Andersen and A. A. Zelinsky; Forfeit, none; Limit, 60 days; Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Dec. 27, 1923—S LAKE 70 E Tenth Ave 25 frontage. Katharine P and W Shepard French to Thos A Cuthbertson .....Dec. 19, 1923

Dec. 27, 1923—SE EIGHTH AND Folsom. Galland Mercantile Laundry to Barrett & Hilp..Dec. 19, 1923

Dec. 27, 1923—N STILLMAN No. 172 Stillman. K and Grace Marthinussen to Otto Carson.....Dec. 27, 1923

Dec. 27, 1923—S BALBOA 45 W 34th Ave. Patrick Joyce to Thomas W Jones.....Dec. 12, 1923

Dec. 27, 1923—SE CAPP 186-7¾ NE Mission NE 25-11⅞ SE 47-5⅞ S 15-6¾ W 19-6¾ NW 54-1¾. Thos F Mitchell to whom it may concern.....Dec. 26, 1923

Dec. 27, 1923—N ARMY 210-2⅝ E Mission E 23-11¾ N 49-4⅝ W 19-6¾ th to left 30° 25' SW 36-3¼ SE 6¾ th to left 30° 25' SW 36-3¼ SE 39-3. Thomas F Mitchell to whom it may concern.....Dec. 26, 1923

Dec. 27, 1923—SE CAPP 162-7¼ NE from SE Mission SE 57-5⅝ NE 36-3¼ NW 54-1¾ th 24-9⅛ to beg. Thomas F Mitchell to whom it may concern.....Dec. 26, 1923

Dec 27, 1923—S CLEMENT 32-6 E Sixth Ave S 100xE 50. Wm Spreen to whom it may concern.Dec. 20, 1923

Dec. 27, 1923—N SIXTEENTH bet. Harrison and Alabama depth of 135. Richard Hellmann Inc to Harold Larsen.....Dec. 24, 1923

Dec. 27, 1923—E NINETEENTH AVE 175 S Judah S 25xE 120. John A Pereira to whom it may concern.. .....Dec. 17, 1923

Dec. 27, 1923—COM. AT PTS. 32-6, 57-6 and 82-6 W from W 31st Ave on S California running from each point N 25xS 100. Wm McDonald to Thos Hamill.....Dec. 26, 1923

Dec. 28, 1923—LOT 13 BLK 1. St. Francis Wood Extn No. 1. St. Francis Home Bldg. Co. to Wilson & Benson.....Dec. 21, 1923

Dec. 28, 1923—NW SWEENEY 75 NE Merrill NE 75 being Lots 29 and 21 Blk 205, Tract A Peoples Hd Assn. Louis Silverstein to James G Neish .....Dec. 26, 1923

Dec. 28, 1923—N TWENTY-FOURTH Ave 25 S Cabrillo S 25xW 95. Patrick J Feerick to whom it may concern.....Dec. 27, 1923

Dec. 28, 1923—SE SUTTER AND Taylor E 45-10xS 81-8. J S Morgan & Sons to Frederick W Snook Co and Barrett & Hilp.....Dec. 28, 1923

Dec. 28, 1923—N OAK 247-3 W Van Ness Ave W 63-9xN 120. The Young Mens Institute Hall Assn. to P H Jackson & Co and John F O'Brien.....Dec. 19, 1923

Dec. 28, 1923—S MISSION N 250 W Seventh W 28-8 S 85 W 4 in. S 75 E 25 N 160 The Lurie Co to Vukicevich & Bagge.....Dec. 28, 1923

Dec. 28, 1923—W POWELL 105-6 S Green W 60 m or 1 S 32 E 60 m or 1 N 32. Constantino and Adolph Figoni to John Harder..Dec. 22, '23

Dec. 28, 1923—W SEVENTEENTH AV 210 N Judah N 200xW 120. William F Altvater to Ward C Brown..... .....Dec. 27, 1923

Dec. 29, 1923—W LYON 102-8¼ N Sacramento N 25xW 112-6. Joseph Pasqualetti to whom it may concern.....Dec. —, 1923

Dec. 29, 1923—S BUSH 100 E Franklin E 64-6xS 120. Joseph Pasqualetti to whom it may concern.. .....Dec. —, 1923

Dec. 29, 1923—E TWENTY-FIFTH Ave 81 N Cabrillo 27x120. Wm Costello to whom it may concern.. .....Dec. 28, 1923

Dec. 29, 1923—E DOLORES 147 S 18th 29x112. Agnes Herman to Fred Miller.....Dec. 29, 1923

Dec. 29, 1923—N MISSION AND Ecker SW 47 NW 112-6 SW 47 NW 75 NE 94 SE 187-6. Lucy H and Edith W Allyne to Pacific Structural Iron Works and Alta Roofing Co.....Dec. 19, 1923

Dec. 31, 1923—N HAVELOCK 186 E from SE Arago E 27-6 N 179.60 SW 87.59 SE 15.88 S 94.88. Victor Bjorkman to whom it may concern.... .....Dec. 24, 1923

Dec. 31, 1923—N PACIFIC 137-6 E Hyde E 20xN 60. Otto F Husler to whom it may concern.Dec. 28, 1923

Dec. 31, 1923—NW BALBOA AND Twenty-third Ave N 25xW 110-11. Klaus and Rosa Adler to whom it may concern.....Dec. 31, 1923

Dec. 31, 1923—NW FOURTEENTH & Belcher W 50xN 100. Board of Trustees of First Norwegian Danish M E Church of City and County of S. F. to Joel Johnson & Sons

Dec 31, 1923—W SIXTEENTH AVE 100 N Balboa S 25x120; W Eleventh Ave 250 S Balboa S 25x120. Alfred T Morris to whom it may concern.. .....Dec. 28, 1923

Dec. 31, 1923—S FULTON 131-3 and 156-3 W Ashbury 25x120. Dr F A Gawthorne to whom it may concern .....Dec. 11, 192

Dec. 28, 1923—LOT 13 BLK "L" Mission Terrace. Walter E Hansen to whom it may concern..Dec. 28 '23

Dec. 31, 1923—NW BATTERY AND Sacramento W 275xN 119-6. Federal Reserve Bank of S. F. to Fred Medart Mfg. Co. Dec. 19, 1923; San Francisco Compressed Air Cleaning Co.....Dec. 27, 1923

Jan. 2, 1923—LOT 14 BLK 1, St. Francis Wood. Eugene Robinson to C F Parker.....Dec. 26, 1923

Jan. 2, 1924—S CALIFORNIA 32-6, 57-6, 82-6, 107-6 E Thirty-second Ave E 25 from each lot by 100. Wm McDonald to Thos Hamill Jan. 2, 1924
Jan. 2, 1924—LOT 29 BLK 6468-A Harder & Daniels Mission Tract. John Bjorkman to whom it may concern.....Dec. 18, 1923
Jan 2, 1924—NW CAMBRIDGE AND Felton 50 on Cambridge by 100. Joseph Winant to Ernest Swanson .....Dec. 27, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Dec. 27, 1923—SE CABRILLO AND Thirty-eighth Ave 25x82-6. E V Lacey vs Chas Haggans.....$151.50
Dec. 28, 1923—SE FRANKLIN AND Washington S 48-8x137-6 Marshall & Stearns Co vs Zerker Bros and E K Nelson $765
Dec. 28, 1923—N CLINTON PARK 117 W Guerrero W 25xN 75. H S Thompson vs Julia and Valentino Krysiak and Wm Remmers..$341.59
Dec. 29, 1923—NE WASHINGTON & Gough N 139-4½xE 130. E H Richardson vs Jcs Stewart and Monson Bros.....$234.59
Dec. 29, 1923—N CLAY 56-10½ W Walnut W 26-10½xN 100. Bay City Floor Co vs John A Osborne and George M Merritt.....$430
Dec. 31, 1923—NW FULTON AND Tenth Ave N 45 W 45 S 45 E 45. Mark Lally Co vs Kohler Plumbing & Heating Co and Josephine McDermott $271.64

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
Dec. 27, 1923—766 OR 312 N Greenwich 86 E Lyon E 29xN 75. M Stulsaft Co to Morris Blumberg.....
Dec 27, 1923—757 OR 246 N Greenwich 58-6 E Lyon E 29xN 75. E A McKellar to Morris and Fannie Blumberg .....
Dec. 27, 1923—757 OR 247 N Greenwich 58-6 E Lyon E 29xN 75. Wm McKellar to Morris and Fannie Blumberg .....
Dec. 31, 1923—SE GEARY AND 24TH Ave 32-6x100. American Trading Co to Costello & Angelina Pastore $410
Jan. 2, 1924—SE FRANKLIN AND Washington S 49-8¼xE 137-6. Lowry & Daly to Henry Ernst & Sons, Marshall & Stearns Co E K Nelson and Zerker Bros.....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Dec. 28, 1923-N NEW MONTGOMERY frontage of 160 and 145-11 on Minna and 146-11 on Natoma. The Pacific Telephone & Telegraph Co as to improvements on property...
Dec. 28, 1923—SE MARKET 112-5 SW Seventh SW 37-5xSE 165. Marian Realty Co as to improvements on property .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
6036	Gregg	Atterwall	5000
6037	Freeland	Spaulding	4000
6038	Lefholds	Owner	4500
6039	Perkins	Owner	3000
6040	Felt	Owner	4500
6041	Ervin	Owner	2000
6042	Noble	Owner	3500
6043	Tell	Owner	3200
6044	Steppens	Leonardo	4550
6045	Perry	Owner	3500
6046	Sanders	Owner	6000
6047	Mitchell	Dolan	6985
6048	Wilson	Foreman	2000
6049	Davis	Owner	3900
6050	Dahl	Owner	6000
6051	Carlson	Marshall	5800
6052	Farwell	Am. Bank	17735
6053	Bruzzone	Scott	14000
6054	Jackson	Adams	8940
6055	Cooper	Frostholm	8730
6056	Woolsey	Butterfield	10,000
6057	Brazier	Owner	4000
6058	Webber	Smith	4500
6059	Turner	Parks	2500
6060	Alderson	Henderson	2750
6061	Riddell	Owner	10000
6062	Neighbon	Brooks	6400
6063	Werner	Owner	2500
6064	Union	Tarlaul	1800
6065	Lovett	Butzback	8500
6066	Dunn	Sprague	12000
6067	Devlin	Glaser	1900
6068	Merchant	Goth	1400
6069	Glaser	Owner	3600
6070	Legris	Owner	6000
6071	Legris	Owner	3000
6072	Elmhurst	McCausland	12000
6073	Souza	Johnson	4000
6074	Powell	Bush	2260
6075	Campbell	Marquis	6000
6076	Marshall	Marshall	12000
6077	Hallquist	Owner	3000
6078	Davis	Owner	3000
6079	Hall	Hayden	10000
6080	Lax	Owner	2000
6081	P. G. & E.	Makin	2676
6082	Sims	Owner	9000
6083	Dunn	Owner	2800
6084	Arnold	Thomas	2250
6085	Keherline	Kennedy	5000
6086	Flittner	Owner	4000
6087	Morris	Morris	3500
1	Marquis	Owner	6000
2	Fratzke	Owner	2500
3	Peters	Owner	2400
4	Neary	Peters	2500
5	Pauska	Owner	3000
6	Thomas	Dilding	3500
7	Dubnoff	Owner	6250
8	Norglove	Owner	3600
9	Webb	Marcuise	11000
10	Wakefield	Heyer	300000
11	Howard	Owner	1800
12	Tweed	Carper	7000
13	Same	Same	3700
14	Gogstad	Foss	1700
15	Stringer	Owner	3000
16	Adams	Owner	3300
17	Cord	Owner	9000
18	Shephard	MacGregor	5889
19	Detroit	Littlefield	15085
20	Grosso	Owner	3000
21	Greunewald	Owner	5500
22	Gillis	Wieben	5400
23	Clark	Owner	3500
24	Perry	Owner	2000
25	Bowman	Kulchau	2000
26	Moore	Horton	2800
27	Heltman	Owner	1850
28	Marani	Peters	10230
29	Shell	Owner	3500
30	Corder	Schnebly	1500
31	Fuirrier	Denis	1500
32	Lundgrebe	Owner	3900
33	Grayhill	Owner	4000

DWELLING
(6036) NO. 639 THE ALAMEDA, Berkeley. One-story 6-room dwlg.
Owner—John Wm. Gregg, 907 Tulare St., Berkeley.
Architect—None.
Contractor—Atterwall Bros., 1911 Walnut St., Berkeley. $5000

DWELLING
(6037) NO. 2825 BUENA VISTA AVE., Berkeley. Two-story 6-room dwlg.
Owner—Leroy L. Freeland.
Architect—None.
Contractor—Wm. Spaulding, 1337 Grant St. Berkeley. $4000

DWELLING
(6038) NO. 928 COLUSA ST., Berkeley. One-story 5-room dwelling.
Owner—H. S. Lefholz, 1128 W-Seventh St., Los Angeles.
Architect—None $4500

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DWELLING
(6039) NO. 2415 EDWARDS ST., Berkeley. One-story 4-room dwelling.
Owned—Byron Perkins and P. Owens, 1105 Santa Clara Ave., Alameda.
Architect—None. $3000

DWELLING
(6040) NO 1030 SIERRA ST., Berkeley Two-story 6-room dwelling.
Owner—F. H. Felt, 2019 Carlton St., Berkeley.
Architect—None. $4500

DWELLING
(6041) NO. 2218 SACRAMENTO ST., Berkeley. One-story 4-room dwlg.
Owner—Harry A. Ervin, 1323 Addison St., Berkeley.
Architect—None. $2000

DWELLING
(6042) 5807 ADELINE ST., Oakland. 1-story 5-room dwelling.
Owner — G. H. Noble, 1336 Park St., Alameda.
Architect—None. $3500

DWELLING
(6043) E SIXTY-THIRD AVE. 180 N Camden, Oakland. 1-story 4-room dwelling.
Owner—John Tell, 3122 63rd Ave., Oakland.
Architect—None. $3200

DWELLING
(6044) 1425 EIGHTY-FIFTH AVE., Oakland. 1-story 5-room dwelling.
Owner—Gus Stephens, 1836 6th Ave., Oakland.
Architect—None.
Contractor—F. J. Leonardo, 1462 86th Ave., Oakland. $4550

DWELLING.
(6045) NW COR. PARK BLVD., AND Elsnore Walk, Oakland. One-story 5-room dwelling.
Owner—J. F. Perry, 376 Santa Clara Ave., Oakland.
Architect—None. $3500

DWELLINGS.
(6046) E EIGHTY-SEVENTH AVE., 125 165 S Plymouth, Oakland. Two 1-story 5-room dwellings.
Owner—T. P. Sanders, 2925 Shattuck Ave., Berkeley.
Architect—None. $3000 each.

DWELLING.
(6047) 1189 LAKESHORE AVE., Oakland. Two-story 6-room dwelling.
Owner—L. A. Mitchell, 2912 Russell St., Berkeley.
Architect—None.
Contractor—Leo J. Dolan, Syndicate Bldg., Oakland. $6985

DWELLING, STORE.
(6048) 1901 ONE HUNDRED AND Third Ave., Oakland. One-story 4-room dwelling and store.
Owner—A. K. Wilson.
Architect—None.
Contractor—H. S. Foreman, 4320 Pampas Ave., Oakland. $2000

DWELLING.
(6049) 2480 SIXTY-FIRST AVE., Oakland. One-story 6-room dwelling.
Owner—Geo. B. Davis, 3283 Hyde St., Oakland.
Architect—None. $3900

DWELLINGS.
(6050) 1925 1931 E TWENTY-SEVenth St., Oakland. Two 1-story 5-room dwellings.
Owner—E. W. Dahl, 2435 E 24th St., Oakland.
Architect—None. $3000 each.

DWELLING.
(6051) 816 E TWENTY-EIGHTH ST., Oakland. One-story 6-room dwelling and garage.
Owner—Alfred Carlson, 1633 Alcatraz Ave., Oakland.
Architect—None.
Contractor—A. F. Marshall Co., 1424 Franklin St., Oakland. $5000

STORES.
(6052) S EIGHTH ST., 150 W Webster St., Oakland. One-story brick stores.
Owner—O. M. Farwell, 435 Van Dyke Ave., Oakland.
Architect—A. W. Smith, American Bank Bldg., Oakland.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland. $17735

FLATS
(6053) NW COR. CONCORDIA ST. & Pacific Ave. W 83 N 142.48, Alameda. All work for 2-story flats.
Owner—Adelaide, Frank J., Mary, Jos. B., Emila and Domingo Bruzzone & Louisa Jost (Louis Bruzzone Estate), 1519 Central, Alameda.
Architect—M. V. Politeo, 1st Natl. Bk. Bldg., San Francisco.
Contractor—G. A. Scott, 351 12th St., Oakland.
Filed Dec. 27, 1923. Dated Dec. 22, 1923.
1st & 15th each month 75%
Usual 35 days 26%
TOTAL COST, $14,000
Bond, Sureties, none; Forfeit, $5 day; Limit, 110 days; Plans and specifications filed.

DWELLING
(6054) PORT PLOT 84 V & D PERalta Rancho, Berkeley. All work except painting for 2-story frame dwelling.
Owner—Mrs. Jessie Short Jackson, 602 Stockton St., San Francisco.
Architect—Archie T. Newsom, Nevada Bank Bldg., San Francisco.
Contractor—Elmo H. Adams, Oakland.
Filed Dec. 27, 1923. Dated Oct. 9, 1923.
Foundation completed 20%
Frame up 20%
Enclosed 20%
Completed and accepted 30%
Usual 35 days 10%
TOTAL COST, $8940
Bond, $4470; Sureties, N. C. Hopkins & S. A. Mellis; Forfeit, none; Limit, without delay; Plans and specifications, none.

DWELLING
(6055) SE FORTIETH LOT 25 BLK E Piedmont Vista Tract, Piedmont. All work for 2-story and basement frame dwelling and conc. barage.
Owner—J. S. Cooper.
Architect—Robert L. Holt.
Contractor—Harry M. Frostholm, 877 Lakeshore Ave., Oakland.
Filed Dec. 27, 1923. Dated Dec. 13, 1923.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $8730
Bond, $4365; Sureties, Mrs. Phennie Ringel & Frank A. Ringel; Forfeit, none; Limit, 100 days after Dec. 15; Plans and specifications filed.

GARAGE
(6056) 2065 ALLSTON WAY, Berkeley 1-story class C garage.
Owner—W. E. Woolsey.
Architect—None.
Contractor — T. P. Butterfield, 2488 Shattuck Ave., Berkeley. $10,000

DWELLING
(6057) 18 CLAREMONT CRESCENT, Berkeley. 2-story 6-room residence.
Owner—Jas. W. Brazier, 1912 Blake St., Berkeley.
Architect—None. $4000

DWELLING
(6058) 661 COLUSA, Berkeley. 1-story 6-room dwelling.
Owner—C. H. Webber, 1530 McAllister St., San Francisco.
Architect—None.
Contractor—J. Harry Smith, 508 Lexington, Berkeley. $4500

ALTERATIONS
(6059) 2517 BENVENUE AVE., Berkeley. Alterations.
Owner—E. W. Turner, premises.
Architect—None.
Contractor—H. G. Parks, 1046 Peralta Ave., Berkeley. $2500

DWELLING
(6060) 1718 BERKELEY WAY, Berkeley. 1-story 5-room dwelling.
Owner—F. S. Alderson.
Architect—None.
Contractor — E. F. Henderson, 5744 Keith Ave., Oakland. $2750

DWELLING
(6061) 1415 HAWTHORNE, Berkeley. 2-story 8-room dwelling.
Owner—E. S. Riddell, 2327 Cragmont Ave., Berkeley.
Architect—None. $10,000

FLAT & STORES
(6062) 1662-64-66 SHATTUCK, Berkeley. 2-story 6-room flat & 2 stores.
Owner—Neighbor Bros., 2395 Shattuck Berkeley.
Architect—None.
Contractor — Brooks Parker, 2026 Del Norte St., Berkeley. $6400

DWELLING
(6063) 2755 WALLACE, Berkeley. 1-story 5-room dwelling.
Owner—Chas. A. Werner, 2416 10th St. Berkeley.
Architect—None. $2500

OFFICE
(6064) SW COR. E-TENTH ST. and High St., Oakland. 1-story office.
Owner—Union Ice Co., 354 Pine St., San Francisco.
Architect—None.
Contractor—S. F. Taraul, 381 Euclid Ave., Oakland. $1800

APARTMENTS
(6065) NE COR. E-SEVENTEENTH St. and 27th Ave., Oakland. 2-story apartments.
Owner—Mrs. Sarah E. Lovett, 2318 E-21st St., Oakland.
Architect—None.
Contractor—G. A. Butzbach & Son, 1640 64th Ave., Oakland. $8500

APARTMENTS
(6066) S FORTIETH ST. 90 E West St., Oakland. 2-story 16-room apts.
Owner—V. A. Dunn, Pantages Blvd., Oakland.
Architect—None.
Contractor—J. E. Sprague, 4518 Edgewood Ave., Oakland. $12,000

STORES
(6067) 5919-21 FOOTHILL BLVD Oakland. 1-story 2-room stores.
Owner—J. J. Devlin, 48th Ave. & Foothill Blvd., Oakland.
Architect—None.
Contractor—W. N. Glaser. $1900

GARAGE
(6068) S GRAND AVE. 200 E Webster, Oakland. 1-story concrete garage.
Owner—A. H. Marchant.
Architect—None.
Contractor—T. R. Goth, 254 9th Ave., Oakland. $1400

DWELLING
(6069) 2407 HAVENSCOURT BLVD., Oakland. 1-story 5-room dwelling.
Owner—W. N. Glaser, 2847 61st Ave., Oakland.
Architect—None. $3600

DWELLINGS
(6070) E MARKET 50 & 75 S Aileen, Oakland. 2 1-story 5-room dwlgs.
Owner—C. A. Legris, 600 56th St., Oakland.
Architect—None. $3000 each

DWELLING
(6071) SE COR. MARKET & AILEEN Oakland. 1-story 5-room dwelling.
Owner—C. A. Legris, 600 56th St., Oakland.
Architect—None. $3000

CHURCH
(6072) SE COR. NINETIETH AVE. & Holly St., Oakland. 1-story church.
Owner — Elmhurst Baptist Church, premises.
Architect—None.
Contractor — F. A. McCausland, 502 Dowling St., San Leandro. $12,000

DWELLING
(6073) 5344 PRINCETON ST., Oakland 1-story 5-room dwelling.
Owner—M. Souza.
Architect—None.
Contractor—H. E. Johnson, San Leandro. $4000

DWELLING
(6074) N PORTER ST. 87 E 39th Ave., Oakland. 1-story 3-room dwelling.
Owner—Ida B. Powell, 1330 Bates Rd., Oakland.
Architect—None.
Contractor—W. H. Bush, 1330 Bates Rd Oakland. $2260

DWELLING
(6075) N STONEWALL ROAD 116 W Claremont, Oakland. 2-story 8-rm dwelling.
Owner—Donald L. & Jane B. Campbell
Architect—None.
Contractor—P. E. Marquis, 1023 Oxford St., Berkeley. $6000

FOCTORY
(6076) SE COR SIXTY-FIRST AND Lowell Sts., Oakland. 1-story tile factory.
Owner—W. C. Marshall.
Architect—None.
Contractor—Marshall & Burks, Bacon Bldg., Oakland. $12,000

DWELLING
(6077) E THIRTEENTH AVE. 150 N E-20th St., Oakland. 1-story 5-room dwelling.
Owner—Z. Hallquist, 2319 13th Ave., Oakland.
Architect—None. $3000

DWELLING
(6078) E VIOLA ST. 300 N Allendale Ave., Oakland. 1-story 5-room dwlg
Owner—A. L. Davis, 2626 Union St., Oakland.
Architect—None. $3000

APARTMENTS
(6079) W WEBSTER ST. 75 N 35th St. Oakland. 2-story 10-room apts.
Owner—Mrs. A. H. Hall, 350 35th St., Oakland.
Architect—None.
Contractor—H. L. Hayden, 351 12th St., Oakland. $10,000

DWELLING
(6080) W WEBSTER ST. 100 S 40th St., Oakland. 1-story 4-room dwlg.
Owner—John M. Lax, 91 Frisbie St., Oakland.
Architect—None. $2000

PLASTERING
(6081) W COR. LAND CONVEYED BY Robert Simpson to Pacific Reduction Works deed recorded Liber 96 Deeds page 40 SE 210.2 SW 339.83 NW 106.72 NE 409.29, Oakland. Exterior plastering on sub station.
Owner—P. G. & E. Co.
Architect—None.
Contractor—Wm. Makin, 351 12th St., Oakland.
Filed Dec. 28, 1923. Dated Dec. 14, 1923.
Completed and accepted 75%
Usual 35 days 25%
TOTAL COST, $2676
Bond, $1335; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 30 days; Plans and specifications filed.

DWELLINGS
(6082) E EIGHTIETH AVE. opp. Alder St., Oakland.
SE EIGHTIETH AVE AND HOLLY St., Oakland.
E EIGHTIETH AVE 35 S Holly St., Oakland. Three one-story 5-room dwellings.
Owner—Wm. H. Sims, 1940 42nd Ave., Oakland.
Architect—None. $3000 each

DWELLING
(6083) E EIGHTY-THIRD AVE 86 S Blanche St., Oakland. One-story 4-room dwelling.
Owner—Bertha E. Dunn, 1610 Central Ave., Alameda.
Architect—None. $2800

DWELLING
(6084) S MADELINE 40 E Hill View, Oakland. One-story 4-room dwlg.
Owner—W. E. Arnold, 3836 Midvale Ave., Oakland.
Architect—None.
Contractor—C. D. Thomas, 3836 Midvale Ave., Oakland. $2250

ALTERATIONS
(6085) SE NINETEENTH & BROADway, Oakland. Alterations.
Owner—Oliver Keherlin, SE. 15th and Franklin Sts., Oakland.
Architect—None.
Contractor—F. T. Kennedy, 434 9th St., Oakland. $5000

DWELLING
(6086) NO. 3637 E-SIXTEENTH ST., Oakland. One-story 6-room dwelling.
Owner—Jos. Flittner, 1700 35th Ave., Oakland.
Architect—None. $4000

DWELLING
(6087) NE THIRTY-EIGHTH AVE & Quigley, Oakland. One-story five-room dwelling.
Owner—Cecelia Morris, 649 Mariposa Ave., Oakland.
Architect—None.
Contractor—S. Morris & Son, 649 Mariposa Ave., Oakland. $3500

DWELLINGS
(1) NO. 1319 AND 1321 CARLOTTA, Berkeley. Two one-story 5-room dwellings.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $3000 each

DWELLING.
(2) NO. 1330 CARLTON, Berkeley. One-story 4-room dwelling.
Owner—C. C. Fratzke, 182 11th St., Oakland.
Architect—None. $2500

DWELLING
(3) NO. 1340 CARLTON, Berkeley. One-story 4-room dwelling.
Owner—L. A. Peters, 3485 Davis St., Berkeley.
Architect—None. $2400

DWELLING
(4) NO. 1336 CARLTON, Berkeley. One-story 4-room dwelling.
Owner—Wm. F. Neary, 122 Kempton Ave., Oakland.
Architect—None.
Contractor—L. A. Peters, 3485 Davis St., Oakland. $2500

DWELLING
(5) 1819 CURTIS, Berkeley. One-story 6-room dwelling.
Owner—J. E. Danska, premises.
Architect—None. $3000

DWELLING.
(6) 2410 PRINCE, Berkeley. One-story 4-room dwelling.
Owner—Chas. H. Thomas, 2507 Woolsey St., Berkeley.
Architect—None.
Contractor—Verne Dildine, 878 63rd St., Oakland. $3500

DWELLING.
(7) NW COR. ROSE AND MC GEE, Berkeley. Two-story 10-room duplex dwelling.
Owner — H. Dubnoff, 709 Lemon St., Vallejo.
Architect—J. H. Bernard. $6250

DWELLING.
(8) 2202 SACRAMENTO ST., Berkeley. One-story 5-room dwelling.
Owner—C. M. Norglove, 2220 Roosevelt Berkeley.
Architect—None. $3600

DWELLING.
(9) 1511 SCENIC, Berkeley. Two-story 10-room dwelling.
Owner—Helen Martin and Margaret Weber, 1324 Arch St., Berkeley.
Architect—Wm. E. Melwain.
Contractor—F. W. Maurice, 505 E 22nd St., Berkeley. $11000
NOTE—Recorded contract reported.

OFFICE BLDG.
(10) N SEVENTEENTH ST., 100 E Broadway, Oakland. Seven-story reinforced concrete office building.
Owner — Dr. W. H. Wakefield, Easton Bldg., Oakland.
Architect — McCall & Davis, Central Bank Bldg., Oakland.
Contractor—Chas. W. Heyer, Mills Bldg San Francisco. $500,000

ADDITION.
(11) S FIRST ST., BET. MYRTLE and Filbert, Oakland. Addition.
Owner—Howard Co., premises.
Architect—None. $1800

DWELLING.
(12) S HAMPEL 110 W Greenwood, Oakland. One-story 8-room frame dwelling.
Owner—Henry E. Tweed, 1208 Hampel. Oakland.
Architect—None.
Contractor — Orland D. Carper, 1124 Hampel St., Oakland. $7000

DWELLING.
(13) S HAMPEL ST., 70 W Greenwood, Oakland. One-story 5-room dwelling.
Owner—Henry E. Tweed, 1208 Hampel St., Oakland.
Architect—None.
Contractor — Orland D. Carper, 1124 Hampel St., Oakland. $3700

ALT. & ADDITION.
(14) 3526 KINGSLEY ST., Oakland. Alteration and addition.
Owner—A. Gogstad, premises.
Architect—None.
Contractor—C. C. Foss, 1242 1st Ave., Oakland. $1000

DWELLING.
(15) 4230 PORTER ST., Oakland. One-story 5-room dwelling.
Owner—T. Stringer, 3754 E-14th St., Oakland.
Architect—None. $3000

DWELLING.
(16) N PEARMAIN 282 E Plum, Oakland. One-story 5-room dwelling.
Owner—Adams & Hillis, 1502 55th Ave., Oakland.
Architect—None. $3300

DWELLINGS.
(17) 2551 SIXTY-SEVENTH AVE.; 2651 68th Ave.; 2507 64th Ave., Oakland. Three 1-story 5-room dwellings.
Owner—T. J. McCord, 4741 E-14th St., Oakland.
Architect—None. $3000 each.

DWELLING
(18) LOT 58 BLK 1 LAKESHORE Highlands, Oakland. All work for 1-story 8-room dwelling.
Owner—Edward A. & Ethel E. Shephard, Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland.
Filed Dec. 31, 1923. Dated Dec. 20, 1923
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $5889
Bond, $2945; Sureties, G. A. Scott and J. F. Smith; Forfeit, none; Limit, 90 days; Plans and specifications filed.

ADDITION
(19) SW COR. SIXTY-FOURTH AND Doyle Sts. W 460 S 107, Emeryville. All work for addition to factory.
Owner—Detroit Steel Products Co., 251 Kearny St., San Francisco.
Architect — Washington J. Miller, 417 Market St., San Francisco.
Contractor—R. W. Littlefield, 357 12th St., Oakland.
Filed Dec. 31, 1923. Dated Dec. 26, 1923.
1st and 15th day each month....75%
30 days after.....25%
TOTAL COST, $15,085
Bond, $7542.50; Sureties, Globe Indemnity Co.; Forfeit, $50 day; Limit, March 1, 1924; Plans and specifications filed.

DWELLING
(20) 1424 PARKE RST., Berkeley. 1-story 5-room dwelling.
Owner—James Grosso, 1422 Parker St., Berkeley.
Architect—None. $3000

DWELLING.
(21) 222-4 ADA STREET, Oakland. One-story 8-room 2-family dwelling.
Owner—Mrs. H. Greunewald, 317 51st St., Oakland.
Architect—None. $5500

GARAGE.
(22) N BOND ST., 300 E Vicksburg, Oakland. One-story brick and tile garage.
Owner—Mary C. Gillis, 2115 51st Ave., Oakland.
Architect—None.
Contractor—Alex C. Wieber, 839 Rosemont Road, Oakland. $5400

DWELLING.
(23) N FLORIDA ST., 450 W Maple Ave., Oakland. One-story 5-room dwelling.
Owner—Alder & Clark, 2907 Florida St., Oakland.
Architect—None. $3500

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Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

DWELLING.
(24) 4331 MASTERSON ST., Oakland. One-story 4-room dwelling.
Owner—August Perry, 1729 88th Ave., Oakland.
Architect—None. $2000

ALTERATIONS.
(25) NW COR. NINETEENTH AND Broadway, Oakland. Alterations.
Owner—Bowman Drug Co.
Architect—None.
Contractor—S. Kulchar & Co., 8th Ave. and E-10th St., Oakland. $2000

DWELLING.
(26) E SIXTY-EIGHTH AVE., 300 S Beck St., Oakland. One-story 4-room dwelling.
Owner—Mary Moore, 581 9th St., Oakland.
Architect—None.
Contractor—K. C. Horton, 581 9th St., Oakland. $2800

DWELLING.
(27) 1287 SIXTY-FIRST AVE., Oakland. One-story 4-room dwelling.
Owner—W. W. Heltman, 1751 68th Ave. Oakland.
Architect—None. $1850

STORES.
(28) W SAN PABLO 77 N Stanford Ave., Oakland. One-story brick stores.
Owner—J. Marani, 5819 San Pablo Ave., Oakland.
Architect—None.
Contractor—Fred Peters, 184 Ridgway Ave., Oakland. $10230

SERVICE STATION.
(29) E THIRTY-EIGHTH ST. AND Canon Ave., Oakland. Steel Service station.
Owner—Shell Co. of California.
Architect—None. $3500

ALTERATIONS.
(30) 515 THIRTEENTH ST., Oakland. Alterations.
Owner—T. W. Corder.
Architect—None.
Contractor — Schnebly & Hostrawser, 6th and Jackson Sts., Oakland. $1500

ADDITION.
(31) 5557 TAFT AVENUE, Oakland. Addition.
Owner—Geo. Fuirier.
Architect—None.
Contractor—Jack Dennis, 680 27th St., Oakland. $1500

DWELLING.
(32) 3926 WOODRUFF AVE., Oakland One-story 5-room dwelling.
Owner—W. W. Landgrebe, 2829 Minna Ave., Oakland.
Architect—None. $3900

DWELLING.
(33) S WALNUT 140 W Renwick, Oakland. One-story 6-room dwelling.
Owner—Wm. B. Graybill, 2203 9th Ave., Oakland.
Architect—None. $4000

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
Dec. 27, 1923—E LAUREL ST. 85 S Oak St. S 65 E 144.90, Berkeley. Harold C. Bryant to C. B. Crane .....Dec. 26, 1923
Dec. 28, 1923—NE TWENTY-SECOND and Adeline N 250 E 127 S 36-6 E 127 S 213-6 W 254, Oakland. John Breuner Co., to Frank A. Gottstein Dec. 19, 1923; Guilfoy Cornice Works .....Dec. 20, 1923
Dec. 28, 1923—(1) LOT 2 BLK 10; (2) Lot 1 Blk 11; (3) Lot 3 Blk 11; Hollywood, Oakland. S. Victor Davidson to R E Neikerk..... .....Dec. 28, 1923
Dec. 28, 1923—LOT 143 BLK 881 Crocker Highlands Tract, ——. Kathryn S Robinson to A Frederick Anderson.....Dec. 27, 1923
Dec. 28, 1923—339 SAN CARLOS AVE Piedmont. Frank C. Flashman to Martin Allan.....Dec. 26, 1923
Dec. 28, 1923—LOT 6 BLK B Map Grand Ave. Heights, Piedmont. Emma Cords to Alfred Cords.... .....Dec. 27, 1923

Dec. 28, 1923—N SEVENTEENTH ST 103 W Telegraph Ave., Oakland. A F Edwards to F A Muller.....Dec. 27, 1923

Dec. 28, 1923—NE MOSS AVE & New Broadway E 150 N 192 E 250 S 443 W 322.8, Oakland. Fabiola Hospital Association to J H Keefe Co.....Dec. 22, 1923

Dec. 29, 1923—PTN LOTS 3, 4 AND 5 Blk 2, Map Berkeley Square, Berkeley. Ray Simonds to Chas L Trow.....Dec. 22, 1923

Dec. 29, 1923—WATKINS ST., Estudillo Southern Pacific Co to Hutchinson Co.....Dec. 28, 1923

Dec. 29, 1923—LOT 6 BLK 1 —, Berkeley. D M Ayers to whom it may concern.....Dec. 28, 1923

Dec. 29, 1923—LOT 7 BLK 1711/C, Berry Bangs Tract, Berkeley. L R Fulmer to F Thaxter.. Dec. 27, '23

Dec. 29, 1923—W SUMMIT 276 N Orchard W 150xN 50, Oakland. W W Whitten to M E Hopper & Son.....Dec. 21, 1923

Dec. 31, 1923—LOT 3 View Tract, Oakland. S Victor Davidow to whom it may concern...Dec. 31, 1923

Dec. 31, 1923—NE TWENTY-SECOND and Adeline N 250 W 127 S 36-6 E 127 S 213-6 W 254, Oakland. John Breuner Co to W P Fuller & Co.....Dec. 21, 1923

Dec. 31, 1923—LOT 18 Map No. 2, Property William O'Neill, Oakland. Mary T Crane to Harold W Cane.....Dec. 28, 1923

Dec. 31, 1923—LOT 5 BLK 14, Map Regents Park Map No. 4, Albany. Mark Bristol and J E Williamson to whom it may concern..Dec. 24, 1923

Dec. 31, 1923—859 THE ALAMEDA, Berkeley. J Harry Smith to whom it may concern.....Dec. 30, 1923

Dec. 31, 1923—674 SANTA ROSA Ave., Berkeley. J Harry Smith to whom it may concern..Dec. 30, 1923

Dec. 31, 1923—LOT 9 Map Lakeland Tract, Oakland. Harold L Graham to whom it may concern..Dec. 22, '23

Jan. 2, 1924—SE SIXTY-EIGHTH AV 317.2 SW Hamilton SW 35xSE 100, Oakland. E H Cary to Foreman & Watson.....Dec. 12, 1923

Jan. 2, 1923—SE SIXTY-EIGHTH AV 352.2 SW Hamilton SW 35xSE 100, Oakland. E H Cary to Foreman & Watson.....Dec. 18, 1923

Jan. 2, 1924—SE SIXTY-EIGHTH AV meda) Ave 254.31 SW High St. th on arc of circle E 166.28 SW 47.57 arc of curve to right 232.97 SE 190.82, Oakland Wesley W Miller to W C Constable.....Dec. 26, 1923

Jan. 2, 1924—PTN LOTS 46 AND 47 Blk 17 Map North Cragmont, Berkeley. H H Gastman to whom it may concern.....Dec. 28, 1923

Jan. 2, 1924—PARKER ST., Berkeley. S. P. Co to Hutchinson Co.....Dec. 24, 1923

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Dec. 27, '23—LOT 200 MAP FOURTH Ave Terrace, Oakland. Nelson Lumber Co. vs G. Johanson & Fred J. & Mary England $684.33

Dec. 28, 1923—N SUNNYSIDE DRIVE 403 E E-14th St., E 40 N 181 59 W 40 S 181.56, San Leandro. Oakland Lime & Cement Co. vs. W H Little & L D Swift.....$141.15

Dec. 28, 1923—LOT 202 MAP Fourth Ave. Terrace, Oakland. J L & J Z Todd (Western Door and Sash Co.) vs. G Johansen, B and Madeline Galliano.....$285.85

Dec. 28, 1923—LOT 1 MAP OAKLAND being NE 3rd and Broadway 75x25, Oakland. Schuler & McDonald vs. Max Dubovsky $4192.18

Dec. 28, 1923 — SW PLOT D MAP Russell Homestead NE 221.36 for pt. begin NW 275.18 NE 50.06 SE 227.6 & SW 50, Hayward. James Willison & Rufus Gonsalves vs. Henry H and Lavonia C Fenneman $98.72

Dec. 31, 1923—LOT 202 Map 4th Ave Terrace Extension, Oakland. Maxwell Hardware Co vs G Johansen, B Galliano and M Galliano.....$65

Dec. 31, 1923—LOT 200 Map 4th Ave Terrace Extension, Okd. Rigney Tile Co vs G Johansen, Fred J and Mary England $135

Dec. 31, 1923—LOT 181 Map 4th Ave Terrace Extension, Oakland. Oakland Lime & Cement Co vs D Driscoll, C A Johnson and W J David $203.10

Dec. 31, 1923—LOT 102 BLK "B" Map Galindo Tract, Oakland. Pacific Mfg Co vs F and A Hammel..$388.15

Jan. 2, 1924—LOT 9 Peralta Park, Berkeley. Rhodes-Jamieson & Co vs S G Peterson & S A Reich..$242.50

Jan. 2, 1924—E MADERA AVE 238 S Birdsall, Oakland. Henry Cowell Lime & Cement Co vs W B Wilson $72.50

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

Dec. 27, 1923—PORT LOT 7 BLK 1 Map North Cragmont, Berkeley. G. R. Heath & G. H. Wendt (Heath & Wendt) to Laura V. & Eugene B. Klyce $3298.73

Jan. 2, 1924—LOT 23 Map Henry and Phillips Hract. Oakland. Zenith Mill & Lumber Co to Bertha Linders et al $347.19

Notice of Non-Responsibility

ALAMEDA COUNTY

Dec. 27, 1923—CEMENT MONUMENT on center line of west end Meldon Ave. SW 133.58 NW 240.5 NW 312.58 NE 307.9 SE 262.14 SW 232.27, Oakland. William Brannan as to improvements to property .....

Dec. 27, 1923—CEMENT MONUMENT on west end Meldon Ave. NE 215.7 NW 233.04 SW 176.4 NW 262.14 NE 176.4 SE 239.32, Oakland. William Brannan as to improvements to property .....

Dec. 27, 1923—CEMENT MONUMENT on center line western Meldon Ave. NE 215.7 NW 233.04 SW 408.67 SE 240.5 NE 133.5, Oakland. William Brannan as to improvements to property .....

Jan. 2, 1924—SE NINETEENTH AND Broadway 84x10, Oakland. Flora E Kramer, Geo C Bauer and Louise K Koenig as to improvements on property .....

EXTENDED BUILDING CONTRACT

Dec. 28, 1923—S. P. Co.; Hutchinson Co.; Globe Indemnity Co dated Nov. 30, 1923; contract made Aug. 8, 1923; time extended 60 days.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted

Dec. 27, 1923—LOTS 1 TO 4 BLK 3, New High School Addition, Fresno. Willis B Clarke to whom it may concern.....Dec. 26, 1923

Dec. 27, 1923—LOT 6 BLK 45, Sierra Vista Acres, Fresno. Lora A Hopper to J B Hopper.....Dec. 21, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount

Dec. 27, 1923—LOTS 20 AND 21 BLK 4, Terrance Terrace, Fresno. Routt Lumber Co Inc vs Geo E May and E G Gwynn.....$1055

Dec. 27, 1923—LOTS 35 & 36, Whitehouse Tract, Fresno. Fresno Sheet Metal & Roof Co vs B G Townsend $145

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING, one-story 5-room, $2500; No 5401 T St., Sacramento; owner, F. H. Greer, 3775 7th Ave., Sacramento.

INSTALL two 2200-gal. gasoline tanks, $2500; E of Sacramento River; owner, S. P. Co.; contractor, I. W. Baughman, 3015 I St., Sacramento.

COMPLETION NOTICES

SACHAMENTO COUNTY

Recorded Amount

Dec. 21, 1923—LOTS 3 AND 4, A, N-B, 15th & 16th Sts., Sacramento. Sacramento Pipe Works to whom it may it may concern.....

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

RESIDENCE, $5000; No. 219 N-Yosemite St., Stockton; owner, H. Miller.

BUILDING, $15,000; No. 932 Sutter St., Stockton; owner, Goold & Johns, 119 S-California St., Stockton.

BUILDING, $100,000; No. 400 N-Sutter St., Stockton; owner, First Christian Church, Lindsay & California St., Stockton.

MATELL shops, $7000; No. 530 S-Center St., Stockton; owner, W. S. G. & E. Company.

BUILDING, $4800; No. 1041 W-Vine St., Stockton; owner, Grace M. E. Church.

RESIDENCE, $5000; No. 1230 W-Flora St., Stockton; owner, M. A. Du Perin.

RESIDENCE, $6000; No. 2230 Crafton Way, Stockton; owner, Dr. Minerva Goodwin.

GARAGE, $2700; No. 1527 W-Flora St., Stockton; owner, J. E. Johnson.

RESIDENCE, $3600; No. 1433 Popular Ave., Stockton; owner, C. L. Schulz

BUILDING CONTRACTS

SANTA CLARA COUNTY

PALO ALTO UNION HIGH SCHOOL Dist. Palo Alto, Cal., at Embarcadero Rd. and State Highway. Installation of opera chairs in high school auditorium.
Owner—High School Ed. of P. A. Union High School Dist., Palo Alto.
Architect—Birge M. Clark, 600 Embarcadero, Palo Alto.
Contractor—Stewart School Supply Co., Rialto Bldg., San Francisco.
Filed —. Dated Nov. 20, 1923.
1st each month, certificate issued to the amount of work done..75%
Usual 35 days 25%
TOTAL COST, $4871.40
Bond, $6683.40; Suretics, Hartford Accident & Indemnity Co.; Forfeit, none; Limit, to be installed on or before Feb. 29, 1924; Plans and specifications filed.

DRAPED CONCERT OR CYCLORAMIC setting on above.
Contractor—Stewart School Supply Co., Rialto Bldg., San Francisco.
Filed —. Dated Nov. 30, 1923.
1st each month 75%
Usual 35 days 25%
TOTAL COST, $1320
Bond, $6683.40 Sureties, Hartford Accident & Indemnity Co.; Forfeit, none; Limit, none; Plans and specifications filed.

STAGE CURTAIN ON ABOVE.
Contractor—Stewart School Supply Co., Rialto Bldg., San Francisco.
Filed —. Dated Nov. 30, 1923.
1st each month 75%
Usual 35 days 25%
TOTAL COST, $492
Bond, $6683.40; Sureties, Hartford Accident & Indemnity Co.; Forfeit, Limit, none; Plans and specifications filed.

SCHOOL
HIGH SCHOOL BLDG., Los Gatos. All work except blackboards, plumbing, electrical work, window shades, linoleum, heating and ventilating for high school building.
Owner — Trustees of Los Gatos School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Herndon & Finnigan, 1814 17th St., Sacramento.
Filed Dec. 27, '23. Dated Dec. 20, '23.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $148,670
Bonds, $74,335 each. Surety, Fidelity & Deposit Co. of Maryland. Limit, 150 working days from Dec. 20, 1923 Forfeit, none. Plans and specifications filed.

ELECTRICAL WORK ON ABOVE.
Contractor—M. E. Ryan, Redwood City and 259 Tehama St., S. F.
Filed Dec. 27, '23. Dated Dec. 20, '23.
Payments same as above.....
TOTAL COST. $6854
Bonds, $3427 each. Surety, Fidelity & Deposit Co. of Maryland. Limit, 150 working days from Dec. 20, 1923 Forfeit, none. Plans and specifications filed.

INSTALL HEATING SYSTEM ON above.
Contractor—Scott Co., 243 Minna St., San Francisco.
Filed Dec. 27, '23. Dated Dec. 24, '23.
Payments same as above.....
TOTAL COST, $15,330
Bonds, $7665 each. Surety, New Amsterdam Casualty Co. Limit, 150 working days from Dec. 24, 1923. Forfeit, none. Plans and specifications filed.

INSTALL WINDOW SHADES AND metal guides on above
Contractor—D. N. & E. Walter & Co., 562 Mission St., San Francisco.
Filed Dec. 27, '23. Dated ——.
Payments same as above.....
TOTAL COST, $1467.20
Bonds, $733.60 each. Surety, United States Fidelity & Guaranty Co. Limit, 150 working days from Dec. 20, 1923. Forfeit, none. Plans and specifications filed.

RESIDENCE
LOTS 5, 6 AND 7 BLK "A" Pauline Tract, San Jose All work for one-story frame residence.
Owner—R. T. Geyer, Sunnyvale.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—J. W. Osborne and R. C. Knight, Mt. View.
Filed Dec. 21, '23. Dated Dec. 19, '23.
Frame up $1748.75
1st coat plaster on..... 1748.75
Completed 1748.75
Usual 35 days..... 1748.75
TOTAL COST. $6995.00
Bond, $3497.50. Surety, Leo H. Vishoot and P. R. Wightman. Limit, 90 working days from Dec. 19, 1923. Forfeit, none. Plans and specifications filed.

RESIDENCE
BLK 30 SECOND SEALE ADDITION to Palo Alto. All work for one-story residence.
Owner—Bertha and Edith Lovell, Burlingame.
Architect—Birge M. Clark, Palo Alto.
Contractor—Wells P. Goodenough, Palo Alto.
Filed Dec. 26, '23. Dated Dec. 26, '23.
Frame and chimney built and roof sheathed $1975.50
Plumbing and electrical work finished, mill work & brown coat plaster on..... 1975.50
On completion 1975.50
Usual 35 days..... 1975.50
TOTAL COST, $7902.00
Bond, none. Limit, 90 days from Dec. 27, 1923. Forfeit, none. Plans and specifications filed

ALTERATIONS, $1000; 16th and San Carlos Sts., San Jose; owner, Roy Hayward, 299 S-16th St., San Jose; contractor, H. M. Nelson, 716 E-Santa Clara St., San Jose.

PRIVATE garage, $1000; Orchard and Park Sts., San Jose; owner, Irving L. Ryder, 5 S-14th St, San Jose; contractor, W. J. Bigger & Son, 20th and Santa Clara Sts., S. J.
ADDITION, $1450; No. 269 S-23rd St., San Jose; owner, W. O. Furtwangler, Premises.
ALTERATIONS, $1035; No. 44 S-Eighth St., San Jose; owner, Geo. Griffin, Premises; contractor, J. G. Tedford, 751 E St. James St., San Jose.

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Dec. 15, 1923—PTN MILLER & LUX Fiar View Addition. Central Lumber Co vs J H Barr.....$130
Dec. 19, 1923—LOT 9. Linda Vista Park, San Jose. S A Snyder and W W Simpson vs Lillian R and W V Young $165
Dec. 22, 1923—LOT 15 Walsh Residence Tract No. 1. San Jose, Southern Lumber Co vs M W Silva.$1082.79

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
Dec. 13, 1923—PTN BLK 13. S. R. 6-W James Lick Homestead Tract. Chas Taylor, A S Du Cavic, J Boes, J H Roll and Robert Judson as Trustees Bldg. & Trades Council of San Jose, to Elmer Christian.....$22.80
Dec 14, 1923—BEG LOTS 19 AND 20, Alameda Villa Tract th S 50° 28' W along S line of Villa Ave 60 ft. S 43– 30' E 138 70 N 46° 40' E 60.70 N 43° 30' W 57 S 46° 40' W 6.95 th along line Lots 19 and 20 N 39° 32' W 78.10 to pt of beg. E E Arnott and Southern Lumber Co to Daisy R and S C Ziler.....$448.95
Dec. 15, 1923—S FRANKLIN ST. in University Grounds. Town of Santa Clara. Fiberstone & Roofing Co to Santa Clara College $430

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW
LOT 5 BLK 8. Burlingame Park. All work for bungalow.
Owner—Edmund E. Wilkins.
Architect—None.
Contractor—Daley Bros.
Filed Dec. 14, '23. Dated Dec. 11, '23.
Roof on $1350.50
Brown coated 1350.50
Completed 1350.50
Usual 35 days.....Balance
TOTAL COST. $5390.00
Bond, none. Limit, 120 working days Forfeit, none. Plans and specifications filed.

GARAGE
LOTS 23 AND 25 BLK 10, Section West of Railroad, Town of Baden. All work for public garage building.
Owner—Rene Gendot and Paul Donste.
Architect—H. E. Stewart.
Contractor — O. E. Carlson, 234 Joost St., San Francisco.
Filed Dec. 27, '23. Dated Dec. 24, '23.
Brick walls up.....$1603.75
Roof on 1603.75
Completed 1603.75
Usual 35 days..... 1603.75
TOTAL COST, $6415.00
Bond, $3207.50. Surety, Hartford Accident & Indemnity Co. Limit, 45 working days. Forfeit, plans and specifications, none.

DWELLING and garage, $4000; Lot 18, Blk J, 15th Ave., San Mateo; owner, V. A. Younger, Burlingame.
DWELLING, $7000; Lot 30, Rosewood, San Mateo; owner, S. A. Born Bldg. Co., Glazenwood.
DWELLING and garage, $7000; Lot S ½ Lot 178, Clark Drive, San Mateo; owner, Hammer & Hultberg
DWELLING and garage, $8000; Lot 178 Clark Drive, San Mateo; owner, Allen McIntyre, 446 Highland Ave., San Mateo.
DWELLING and garage, $3700; Lot 24 Blk R, 16th Ave., San Mateo; owner, Wallace Walterhouse, 66 Bellevue, San Mateo.
BUNGALOW and garage, $4000; Lot 3 Blk 53, Cortez Ave., Burlingame; owner, Wm. L Cottinier

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Dec. 26, 1923—LOT 16 BLK 2, Crocker Tract, Daly City. Charles Gust to whom it may concern....Oct. 21, 1923
Dec. 26, 1923—S PTN LOT 71, San Mateo Park, San Mateo. Louis A Murch to A D Irving....Dec. 24, 1923

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
Dec. 24, 1923—LOTS 11 AND 12 BLK 3, San Bruno Park, San Mateo. San Bruno Lumber & Supply Co to A Schmitt and Peter Gonzaus..$2213.05
Dec. 26, 1923—13.04 A W line Ralston Ave and W Eucalyptus Ave., San Mateo. Wm Bernstein to C Osgood Hooker et al.....$533.90

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $2500; E 40th St., bet. Clinton and Solano Sts., Richmond; owner, L. Hoffer, Cor. Richmond and Yosemite Sts., Richmond; contractor, K. J. Henning, Box 1671, Richmond.
DWELLING, one-story frame, $3600; E Eighth St., bet. Barrett and Ripley Sts., Richmond; owner, W. N. Bowyer, 615 Barrett St., Richmond; contractor, E. A. F. Carson, 542 4th St., Richmond.
DWELLING, one-story frame, $2000; N Garvin St., bet. 36th and 37th Sts., Richmond; owner, Wolfe Bros., Box 1412, Richmond.

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SAN FRANCISCO, CALIF., JANUARY 12, 1924

Published Every Saturday
Twenty-fourth Year No. 2

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Wall
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San Francisco Oakland
San Rafael

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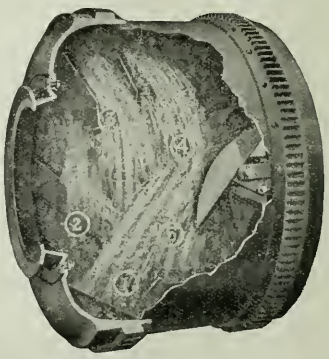

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

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Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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Building Expenditure in 1923 Totals Approximately $5,922,900,000

The Copper and Brass Research Association's annual survey of building construction, just made public, places the total expenditure during 1923 at $5,922,900,000; the largest single year in the history of the building industry, and bringing the total volume of construction for the pest two years to the astounding total of $11,000,000,000.

During 1923, the expenditure for residential buildings including, dwellings, apartments and hotels, amounted to $2,302,240,000, so that nearly 40 per cent of the total expenditure went to relieve the acute housing shortage which still existed at the beginning of the year.

As a result of the past two years of record-breaking construction, the shortage in all classes of building brought about by the war has been steadily reduced. July 1, 1921, saw an estimated building shortage of $8,084,-985,000; and construction during the remainder of that year reduced this figure to $6,363,835,000 on January 1, 1922. Construction in 1922 reached the total of $4,910,000,000; of which $3,125,000,000 represented the normal yearly demand for new construction, so that the shortage was relieved during 1922 by $1,785,-000,000.

Total construction of $5,922,900,000 during 1923 has contributed further to relieve this building shortage by a total of $2,617,900,000; leaving a shortage on anuary 1, 1924, of $1,960,945,000.

The total expenditure for building construction during 1924 is estimated by the Copper and Brass Research Association at $4,835,935,000, of which amount $3,125,000,000 represents the expenditure necessary for normal building requirements.

Construction in 1923 was divided among the different classes of building as follows:

Apartments .....$	947,670,000	16.00%
Churches	400,980,000	6.77
Dwellings	710,750,000	12.00
Hospitals	450,015,000	7.60
Hotels	643,820,000	10.87
Industrial Bldgs.	748,065,000	12.63
Office Bldgs.....	607,690,000	10.26
Public Bldgs.....	248,770,000	4.20
Schools	1,165,140,000	10.67
Total .....$	5,922,900,000	100.00%

A statement of shortage, normal yearly building requirements and yearly carry-over follows:

July 1, 1921, estimated shortage.....		$8,084,985,000
Construction, balance of 1921.....		1,721,150,000
Shortage, January 1, 1922.....		$6,363,835,000
Construction in 1922.....	$4,910,000,000	
Normal Increment, 1922.....	3,125,000,000	
Shartage Relieved in 1922.....		1,785,000,000
Shortage, January 1, 1923.....		$4,578,835,000
Construction in 1923.....	$5,922,900,000	
Normal Increment, 1923.....	3,305,000,000	
Shortage Relieved in 1923.....		$2,617,900,000
Shortage, January 1, 1924.....		$1,960,935,000
Normal Increment, 1924.....		3,125,000,000
Total Shortage		$5,085,935,000
Less Carry Over to 1924.....		250,000,000
Construction in 1924.....		$4,835,935,000

TIMBER SALE ADVERTISED

The largest state timber sale in the history of Washington, is advertised for Tuesday, February 5, with timber appraised at $600,416.23 offered, according to report of State Land Commissioner C. V. Savidge at Olympia.

In addition there is $10,326.55 worth of uplands and tide lands appraised at $40,264.17 being offered for sale. Total appraised value is $681,006.95.

The banner size of this state sale is the more remarkable in that this makes the third consecutive sale only two months apart instead of three, as usual. The timber lands applied for are in tracts well scattered about the state and indicate the general active demand for accessible stumpage in which the logging truck making small tracts available is playing an important part.

ELECTRICAL DEALERS ORGANIZE

Formed for the purpose of creating better co-operation, the Island City Electrical Contractors and Dealers Association of Alameda has elected Carl Strom as president. Other officers elected at the first meeting held by the new organization are F. W. Barton, vice president, and J. M. Ansel, secretary-treasurer.

$6,000,000 IS AVAILABLE FOR POWER CONSTRUCTION

Directors of the San Joaquin Light & Power Company of Fresno have voted to expend approximately $6,000,000 for extensions and general development on its lines and those of subsidiary companies, which include the Midland Counties Public Service Corporation and the Fresno City Water Corporation. The fund will be expended during the current year.

The San Joaquin Light & Power Corporation's expenditure, according to A. Emory Wishon, general manager, will be in excess of $3,500,000. The cost of additional distribution lines and services to supply new consumers throughout the valley is estimated at $1,300,-000. More than $550,000 will be expended for improving present distribution linesand increasing substation capacities to handle the growth of the load. Enlargement of the ditches on the Crane valley system to provide more generating capacity, further development work on the Kings river project, new transmission lines and general improvements to the company's fourteen power plants will require an outlay of $500,000, such as new gas holders and mains in Selma and Merced, gas mains in Bakersfield and water mains in Selma, buildings and sundry betterments, will entail expenditures of $650,000. In addition to this construction work of $3,000,000, the corporation will expend $2,500,000 in labor and materials for the operation of its electric, gas, water and railway system. The Midland Counties Public Service Corporation, operating in Coalinga and on the coast, plans extensions to its system to cost $300,000, of which $200,000 is to provide for lines and services to new consumers and $10,000 for improvements in substation and existing lines.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Discussing general business conditions, the Committee on Statistics and Standards of the Chamber of Commerce of the U. S., reports that "building and construction continue to be one of the important features of the situation and display an activity unusual for the season. This activity is almost entirely in the cities, and is one of the many evidences of the amazing growth of the great centers of the momentous and significant rate at which the country is losing population to the cities. Upon the whole, the general business situation seems healthy and sound, with conservatism strongly in evidence in all sections, and the general conviction that a continuation of the policy of "staying in the middle of the road" and proceeding along constructive ways is the surest road to progress in the near future."

The employment of three non-union men on the tubercular unit of the Springville hospital in Tulare County may cause a halt in construction, complaint having been filed with the Tulare and Kings County supervisors by the Tulare County Building Trades Council. The project is being financed by Kings and Tulare counties. Union men will be withdrawn from the job if non-union men are retained, union officials say.

In 52 weeks of the year 1923 production reported to the West Coast Lumbermen's association has been 5,884,617 feet; new business 5,265,913,008 feet; and shipments 5,351,425,647 feet. The 1922 production record was 8,715,763,000 feet; 1921 was 5,456,826,000 feet; and 1920 totaled 7,578,825,000 feet.

It is alleged that it costs about 5c each to lay brick in Columbus, O., based on 600 being laid in a day. Brick costs $18 per M, mortar between $5 and $6. The helper gets $5, the bricklayer between $11 and $1.50, depending on how much bonus the contractor has to pay to get him to work.

San Francisco Board of Supervisors contemplates election to vote bonds to finance construction of municipal distribution system for Hetch Hetchy power, and to include, probably, sufficient money to develop the Hetch Hetchy water project under the Raker Act.

Adoption of a five-year program for expenditure of $50,000,000 in construction of public buildings in Washington is recommended in a report of the Public Building Commission, presented to the Senate by Senator Smoot.

A regional meeting of the American Society of Mechanical Engineers will probably be held in Colorado some time in May or June. The Spring meeting of the society will be held in Cleveland in May.

Bill introduced to Congress provides for the following amounts for road improvements in California parks: Yosemite, $150,000; Sequoia over $500,000, Lassen Volcanic Park, $130,000; General Grant, $10,000; Muir Woods, $5000.

The War Department has sanctioned the plans of the Pacific Coast Steel Co., to establish a $15,000,000 steel plant in the Los Angeles harbor district.

Edwin C. Graff announces the formation of the Graff-Winlund-Graff Co. to handle building specialties in Oakland. The company has just imported 500 tons of asbestos cement shingles from Belgium. Graff is a past president of the Builders' Exchange of Alameda County and for the past twelve years engaged in the business of general contracting.

J. E. Cox, auto mechanic of Orcutt, San Luis Obispo, is reported to be in receipt of $2,000,000 cash, as part payment on patent rights to an oil process having to do with the removal of carbon in oil. A total sum of $7,000,000 is to be paid cox, it is said. The sale of the patent rights is said to have been consummated through Geo. Barton, Los Angeles attorney.

Condemnation proceedings have been instituted by the Department of Justice to obtain for the Veterans' Bureau a tract of 528 acres near San Francisco on which it is planned to erect a government hospital. The government considers $60,000 a suitable price for the land, while the owner, Volney Craig, seeks $100,000.

The New York bricklaying trade is reported to have adopted the so-called Cleveland plan of apprenticeship training under which the apprentice spends four hours a week in the classroom and the balance of his time on the job. It is estimated that nearly 1,000 apprentices will be in attendance at the schools.

Jas. M. Leonard, chairman of the Board of Directors of the Nevada State Highway Department, has been reappointed to serve another term of two years. Leonard has been a member of the board since its organization in 1918 and chairman for four years.

Mass meetings are being held in El Dorado county to secure the sentiment of the voters with regard to financing construction of a county road building program. The work will be financed through a bond issue or direct tax.

Arthur S. Bent of Bent Bros. Construction Company has been elected member of the Los Angeles Board of Education to succeed Frank O. Bristol, resigned.

Los Angeles Gas & Electric Co., has purchased an 8-acre site near Seal Beach and will erect a $15,000,000 steam plant for the generation of electricity.

Porterville city trustees order preparation of plans to pave thirty blocks of streets. The work is in addition to the fifty blocks of pavement for which contracts have already been let.

Ruggles & McKee, consulting architects and structural engineers of Oakland, urge the adoption of a comprehensive zoning system for Oakland.

Norman W. Farlow of the Holbrook, Merrill, Stetson Co. has been elected president of the San Francisco Mutual Business Club.

Central Pacific Railroad will construct a $100,000 steel bridge over the Calaveras river in San Joaquin county.

ALONG THE LINE

R. V. Meikle, chief engineer for the Turlock Irrigation District, has been appointed chief engineer of the Merced Irrigation District, succeeding R. C. Starrett, resigned. A. J. Wiley, who served as consulting engineer on the Don Pedro dam project, will act in a similar capacity on the Exchequer dam, to be constructed by the Merced district.

Directors of the San Joaquin Light & Power Co. vote to expend approximately $6,000,000 for extensions and general development work on its lines and those of subsidiary companies, including the Midland Counties Public Service Corp and the Fresno City Water Corp. The money will be expended during 1924.

Officers of the California State Automobile Association for the coming year will be elected Saturday, January 19, when the Association's board of 21 directors meet at the Palace Hotel in San Francisco. At this meeting three new directors of the Automobile Club will be inaugurated into office.

Howard Frost, president of Los Angeles Fressed Brick Company, was elected a director of the American Face Brick Association at the annual meeting held at French Lick Springs, Dec. 4-6. He will serve for three years. B. W. Ballou of Kansas City, Mo., was elected president of the association.

An offer of the Allied Architects' Association of Los Angeles to develop a definite plan for the new civic center of Los Angeles has been accepted by the joint committee representing the city and county and the Community Development Association. No fee is asked by the association.

Prof. Arthur H. Blanchard, a nationally known authority on highway transportation and highways, has accepted appointment as a member of the Research Council of the National Transportation Institute.

Chas. R. Detrick, San Francisco attorney and former secretary of the State Railroad Commission, has been named State Building and Loan Commissioner, succeeding Geo. W. Walker of San Jose who resigned.

Geo. C. Grubb, formerly construction engineer with the California Prune and Apricot Growers' Ass'n, has been appointed an assistant in the office of Wm. Popp, city engineer of San Jose.

H. L. Cunliffe, quantity surveyor and F. F. Weld, structural engineer, formerly located in the Globe Block have moved to larger quarters at 6150 Arcade Square, Seattle, Wash.

T. T. Godsey, building contractor of Visalia, has been appointed a member of the city council of that city.

Jerome E. Barleau of Auburn has been appointed city engineer of Colfax.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

ENGINEERS TO GATHER FOR WATER CONFERENCE

Many of the best known engineers of the state will be in Sacramento to attend the coming water conference, which has been called jointly by the state division of water rights and the Sacramento Chamber of Commerce for Jan. 25-26, according to Secretary Irvin Engler of the Sacramento chamber, and H. A. Kluegel, chief of the state division of water rights, who are working together on the program for the conference.

Among those who have already accepted invitations to be present and to speak at the conference are H. D. McGlashan, district engineer of the United States Geological Survey, of San Francisco; F. H. Tibbetts, consulting engineer, San Francisco; C. E. Grunsky, president of the American Society of Civil Engineers, of San Francisco, and Major U. S. Grant, III, United States Army district engineer.

The subjects chosen for discussion by these speakers are as follows:

H. D. McGlashan, The Water Supply of the Sacramento River and Its Tributaries.

F. H. Tibbetts, Actual Diversion Requirements for Irrigation of Rice from the Sacramento River.

C. E. Grunsky, Storage As a Means of Supplementing the Supply of the Sacramento River.

Major Grant, III, The Interests of the Federal Government on the Sacramento River and Its Relation to Irrigation.

ALAMEDA COUNTY EXCHANGE ADDS NEW MEMBERS

The Builders' Exchange of Alameda County is growing with the East Bay District, according to E. W. Shaw, Secretary of the organization, who announces that fourteen applications for membership were approved at the last meeting of the Membership Committee. The new members are: Norman MacCharleston, general contractor; Burton Chas. Allynn Jr., general contractor; Peter Peterson, general contractor; H L. Hayden, general contractor; Hansen, Robertson & Zumwalt, general contractors; Hall Gas Furnace Co., heating and ventilating engineers; Medical Service Company, industrial medical and surgical service; Campbell, O'Kell & Co., insurance brokers; Oakland Frame & Moulding Co., picture frames and mouldings; East Bay Iron Works, ornamental iron works; Forncrete Aggregate Vo., crushing and screening, roofing gravel, plaster, sand and cement products manufacturers; C. H. Brown, public accountant and auditor; Howard Schroder, architect.

MILITARY ENGINEERS ELECT

The Portland, Oregon Post, Society of American Military Engineers, has elected Captain Claude McKesson as its president. Captain Pierre Hines was chosen vice-president. F. C. Schubert was re-elected secretary, and O. E. Stanley chosen treasurer. Brigadier-General Joseph E. Kuhn, commandant of Vancouver Barracks, gave a talk in which he compared the engineering features of the Russo-Japanese war with those of the World War.

ELECTRIC MEN DINE

A spirited dinner meeting of the Santa Clara County Electrical Development League, composed of electrical dealers from all sections of the Santa Clara Valley, was held in the Gray Room of the Hotel Vendome, San Jose, Jan. 3. Fred Doerr, president of the league, presided and served as toastmaster.

Walter Price, an electrical equipment expert, delivered an interesting talk on electrical homes. R. A. Balzari spoke on courtesy, reciting many famous on courtesy to show that courtesy pays. Following Balzari's talk every member of the league signed up in the electrical industry's Courteous Service club, the slogan of which is "Always with a smile." Andy Anderson and B. A. Miller of the P. G. & E. Co. were appointed by President Doerr to solicit new members of the club.

E. J. Kingsley, of San Jose, chairman of the committee which featured the electrical exposition at San Jose recently, rendered a most interesting report. Pictures and articles concerning the exposition will appear shortly in national electrical magazines Kingsley stated. L. J. Brown was also a speaker.

SANTA CLARA COUNTY BUILDERS ELECT OFICERS

The annual election of officers for the Builders' Exchange of Santa Clara county, January 2, brought out the membership in numbers which were gratifying, as showing a deep interest in future building operations.

With few exceptions, the elections were almost unanimous. The vote showed the confidence in the following newly-elected officers:

J. A. Wagner, president; George Heath, vice president; Wm. F. Serpa, secretary; Wm. M. Herman, treasurer; J. C. Provenzano, sergeant-at-arms.

The speakers of the evening, president Morrison, Vice President Heath, R. O. Summers and Treasurer Wm. M. Herman, in reviewing the past year's activities and the possible future, expressed the unanimous views of the membership, that the principles of the exchange, because of the successes of the past, should be followed out in the future.

Routine business followed the election, which included the passing to print of the newly-revised constitution and by-laws, and the alphabetical and classified business directory.

Light refreshments followed adjournment.

HIGHWAY PATROLEMEN ELECT

T. M. Ryan of Sacramento was chosen president of the California Association of Highway Patrolmen for the coming year and Oakland was selected as the 1925 convention city, at the annual convention of the association held in Fresno recently. Other officers elected were: Ernest McCluskey of Madera, secretary; L. A. Manning of Oakland, first vice president; S. Bracken of San Diego, second vice president; F. C. Huss of Fresno, third vice president; M. H. J. Wessell of Larkspur, fourth vice president; J. P. Shoemaker of Stockton, sergeant-at-arms; S. A. Meek, Fresno, treasurer.

BRICKMAKERS' CONVENTION AT L. A. TO BE BIG AFFAIR

Brick manufacturers from all parts of the country to Los Angeles to attend the annual convention of the Common Brick Manufacturers' Association of America, Feb. 11 to 16, inclusive. Ralph P. Stoddard, secretary and manager of the association, is in Los Angeles helping the committees of the California Association to work out the details of the convention.

"A large amount of interest has been aroused and a large number of brick manufacturers from south and east of the Mississippi river have made their arangements to go in the special trains from Chicago and Kansas City provided by the association," says The Clay-Worker, official pulication of the National Association of Brick Manufacturers, writing about the Los Angeles convention.

"Two trains will leave Chicago at 11:30 o'clock on Saturday evening, Feb. 2, 1925, one over the Chicago, Rock Island & Pacific and the other over the Chicago, Burlington & Quincy railroad, both meeting at Denver on the morning of Monday, February 5. The special train, or special cars on the regular train, from Kansas City, will also arrive at Denver at practically the same hour. From there on the trains will be run in two or three sections as seems necessary for the balance of the trip. Over 300 reservations have been made from east of the Mississippi river and many more will join the train en route through Iowa, Kansas, Nebraska, Colorado, Utah and Northern California. Practically all of the brick manufacturers on the entire western coast have stated their intention of being at the convention in Los Angeles, and from all indications it is to be one of the largest conventions of brick manufacturers ever held on the west coast or any other section of the country.

STEEL MEN TO MEET

The annual meeting of the American Institute of Steel Construction will be held at the William Penn Hotel, Pittsburgh, January 23-24. A program of unusual interest to those engaged in the structural steel industry has been prepared and will include several addresses by prominent business men. The two day session will be devoted to a discussion of the principal problems confronting the industry and to consideration of a program to control the future activities of the institute. An important part of this program is devoted to a broad campaign to protect further the interests of manufacturers of structural steel and to extend the adoption of the institute's standard specifications.

BRICK MEN TO CONVENE

Ralph H. Stoddard, secretary of the Common Brick Manufacturers' Association, was a recent visitor to the San Francisco Builders' Exchange. Stoddard is conferring with brick manufacturers in this section regarding the program for the annual convention of the association to be held in Los Angeles next month. Stoddard maintains headquarters at Cleveland, Ohio.

ECONOMIC PROSPECTS FOR 1924

By Herbert Hoover, Secretary of Commerce

The important thing in formulating any judgment as to the economic future is an understanding of our present position and of the forces that are in motion for and against economic progress. The following summary is based on the annual review by the Department representatives throughout the world.

The economic outlook for our own country for the next year is bright. In general the world situation is hopeful. The general spirit of prudence, the absence of speculation, complete employment, high production, and the great financial strength and stability of the important states in the Western Hemisphere, together with the promise of the early conference for systematic consideration of constructive solution of the world's greatest economic menace — Franco-German relations — all create a hopeful foundation on which the New Year may build.

An economic weather chart of the world would show three distinct areas.

First, the Western Hemisphere, Asia, Australia, and Africa, which have made distinct economic progress during the past year, achieving a high degree of economic recovery.

Secondfi Russia. the Baltic, the Balkan States, the Near East, Italy and Spain, which are still struggling with afterwar political, social, currency, deft, and budget problems but yet yet show undoubted progress in the restoration of commerce and industry.

Third, an area of economic depression resulting from the occupation of the Ruhr and the collapse in Germany. While most acute in that country, it radiates its depressing influences strongly over Poland, Czechoslovakia, Switzerland, Hungary, Scandinavia, Holland, and Great Britain. France can well be placed in this group because the failure to secure reparations has contributed to an unbalanced budget and the resulting indirect inflation. This has concealed the true situation and has given an artificial and forced draught to the industrial activity. The other countries of the group are suffering from a distressing increase of unemployment.

The German collapse has in less degree affected every other part of the world. The decreased consuming power of Germany and of the states most affected has contributed to the low price levels of food products in the United States and other food exporting countries. The decrease in her steel and coal production at first gave some stimulus to the production of other countries, but this is now offset by decreased buying power of the depressed area for other commodities. One other effect of importance has been the undoubted substantial flight of capital from many of the states in this area of depression to the United States, resulting in further excessive accumulation of gold here. The economic world has not yet felt the full impact of the occupation of the Ruhr. Were it not for the hope inspired by the initiation of negotiations for settlement of the German problem the situation would be most unpromising for the future.

Even with settlement accomplished there will arise considerable problems in readjustment of trade through reentry of German coal and steel into the markets and through the possible (and to be hoped) return of capital which has sought refuge in the United States from many parts of Europe. During the whole year passed the exents of the depression area have at least served to inspire caution in the rest of the world and has contributed to the absence of speculation and, therefore, to their fundamental stability. If it be possible to reconstruct Germany's finances during the forthcoming year and to secure such assistance to France as will enable the stabilization of the franc, the world will have entered into a period of great hope and much promise of prosperity. Full consummation cannot, of course, be accomplished without a large measure of disarmament in Europe, for the armies today maintained by 170 million people there are upon a scale which if repeated in the Western Hemisphere, would mean 3,000,000 men under arms—a strain that would have made recuperation almost impossible on this side of the Atlantic, even with the economic strength which this Hemisphere possesses.

Russia is slowly making progress with the inch by inch abandonment of communism and socialism. War has ceased in the Near East. Greece and Turkey are turned toward progress. The eastern states of Europe are sensibly approaching sound projects for stabilization of budgets and currency. China is still disturbed politically, but her commerce is maintained despite of it. The apanese disaster has had less effect upon her economc stability than many anticipated and has furnished new proof of the great strength and courage of that country. Latin America is steadily increasing in productivity but currency conditions in some instances leave much to be desired. Except in Mexico there has been a steady increase in political and social stability

Our own country has shown a more freedom from depressing European economic influences than most others. The explanation lies in the fact that although our exports are of profound importance less than six per cent of our total productivity is exported and of this only about one half to Europe. The proportion of different products exported to Europe of course varies and European conditions, therefore, have a fluctuating influence upon different industries. As less than one per cent of our manufactured products find their market in Europe the direct effect upon these industries is more negligible than upon certain agricultural products which are much more dependent upon European consumption, such as wheat and pork products, and we enduce both economic and political reactions at home from this latter fact.

In 1923 the United States have witnessed the highest total productivity and movement of commodities since the war, with full employment, high real wages, greatly increased savings, large additions to home building, and the largest increase in railway equipment since the war. The whole has been accomplished by a remarkable absence of speculation, consequent over-accumulation of consumable goods or dangerous expansion of credit. As we are not in a boom we can expect freedom from a slump. Some secondary interrogations can be raised as to the effect of the expansion of installment buying of consumable goods, the acute suffering in the Northwest agricultural areas, the increase on stocks of some commodities, and decrease on some advance orders. These items are small compared to the whole industrial fabric. Taking the country as a whole we never in history have enjoyed a higher standard of living and comfort, nor so great a degree of commercial and industrial efficiency as today or so wide an understanding of the forces which control the ebb and flow of business. As severe as the situation is in the worst of the agricultural states yet the disparity between agricultural prices as a whole and industrial commodities is gradually lessening and the economic balance is tending to right itself.

A more detailed examination of our own situation based upon the first eleven months, and some later data, indicates that our foreign trade will show about $4,100,000,000 in exports and about $3,800,000,000 in imports — an increase of seven per cent in the former and twenty per cent in the latter over 1922. The merchandise balance will be about $300,000,000 in our favor. Net gold and silver imports will be about $260,000,000 or on the face of these figures almost a full liquidation of the trade balance. On the other hand our very large net expenditure upon tourists, emigrant remittances, and other current invisible items have been apparently liquidated by the very considerable flight of capital from Europe. Our publicly issued loans to foreign countries and enterprises have been about $300,000,000 net for the year, as compared to over $600,000,000 last year.

Our manufactured production taken together will show about ten per cent higher than 1920 and fifteen per cent higher than 1922. The 1923 production of coal and coke sows a great increase, but the strike in 1922 prevents any useful comparison with last year. Production for this year increased over 1922 by about forty per cent in iron and steel, about fifty per cent in copper, about sixty per cent in automobiles, about fifteen per cent in rubber tires, about ten per cent in lumber, about twenty per cent in cement, about twenty per cent in sanitary ware and about ten per cent in leather. Textiles were about the same as the year before.

In the agricultural products cotton production increased about three per cent; the total bushels of cereals show an increase of about three per cent; pork products about twenty per cent, beef about five per cent—with a slight increase in dairy produce.

In construction work the large additions to our railway equipment have enabled the railways to fully handle the traffic for the first time since the war, and marks a great achievement. In building there has been about the same floor space constructed but there has been a great shift from public construction to make way for private work, as indicated by the decline of over twenty per cent in public building construction, and an increase of about fifteen per cent in residential buildings compared to 1922. This shift from public to private constructon is also indicated by the fact that concrete road contracts declined about sixteen per cent while the output of cement, however, increased as above.

In transportation, car loadings were increased by about fifteen per cent. Cargo traffic through the Panama Canal doubled, it increased forty per cent in through Sault Ste. Marie and thirty per cent through the Erie Canal. The overseas tonnage was about the same.

Consumption is indicated by the increase in sales of mail order houses by about thirty per cent, in chain stores eighteen per cent and department stores about ten per cent over 1922. Postal receipts were ten per cent greater than 1922.

The stocks of goods generally at the end of this year are somewhat higher tan at the beginning of the year and unfilled orders for steel are lower, as are orders for railway equipment. But the large employment bids afir for large continued consumption of goods.

Price levels maintained comparative stability. Wholesale average prices of all commodities declined about three percent for the year and stand fifty-two percent above 1913. Average prices for ground crops increasd fifteen per cent while live stock declined about seven percent. Retail food prices increased during the year about four percent and the Labor Department Cost of Living Index would show an increase of about four percent.

The national debt has been reduced about one billion dollars during the year; bank debits to individual accounts remained the same in New York but increased about twelve percent in the rest of the country. The money in circulation apparently increased about six percent. Member banks show an increase of about six percent in loans and discounts. The reserve ratio is about the same as a year ago, that is about seventy-six percent. Savings increased ten percent and life insurance sales about twenty-two percent. The financial items, therefore, show a general parallel with increased production without inflation.

In summary, the world situation continues under the European cloud of the reparations dispute, unbalanced budgets, unsuitable currencies, and the political uncertainties of armies in the old allied states greater than pre war. Yet the realizaton of the necessity to constructive solution of reparations, the constructive aid to Austria and Hungary, and the projects for budget reorganization in other countries, all give hope that we have at last taken a turning.

Our own country has exhibited extraordinary strength and progress. The basis of healthy business activity lies in balanced budgets, stable currency, high production accompanied by proportionate consumption and savings with an absence of speculation, extravagance, and inflation. These things we have in the United States. We have even more in the hope of decreasing taxes. The odds are favorable to 1924.

LUMBER INDUSTRY PROSPEROUS

M. A. Wyman, secretary-treasurer of the Foester-Wyman Lumber Co. of Seattle, stoping at the Hotel Whitcomb, San Francisco, says that the Pacific Coast is the most prosperous section of the united States today. This assertion he based on a study of building conditions.

"Ninety per cent of the lumber cut in the Northwest is used west of the Cascade mountains, from Seattle to San Pedro," he said, "whereas, formerly that percentage used to be shipped to various points east. A billion and a half feet of lumber will be shipped to Japan yearly for the next five years from the Northwest."

Wyman has just returned from Southern California, where he has been looking over the lumber market.

Highway Commission Awards Contracts Totaling $1,312,874

The $15,000,000 road program of the California Highway Commission for 1924 was launched on a large scale when the commission, meeting at its headquarters in the State building at the San Francisco Civic Center, awarded contracts to a total of $1,312,874.81, one of the largest aggregate awards made by the present commission.

Primary construction on interstate connections in Shasta and Nevada counties, widening and thickening of existing trunk line highways in San Diego, and Sacramento counties, and construction work in Sonoma County were among the projects placed under contract. The Nevada County contract is for the first unit of the Truckee Canyon highway.

The list of awards is as follows:

On the Pacific Highway, in Shasta County, grading and widening from Bayha to Halfway Creek, 10 miles awarded to Nevada Contracting Company of Fallon, Nevada, for $480,862.

On the Coast Highway, in San Diego County, widening and thickening the existing pavement from San Diego to Oceanside, 16.2 miles, awarded to Jahn & Bressi of Los Angeles for $436,045.50.

In Sacramento County, paving of approximately two miles in the vicinity of Galt; awarded to the Kaiser Paving Company of Oakland on a bid of $53,-354.50.

Grading a section of the Victory Highway between Truckee and Boca, in Nevada County, 7.3 miles, awarded to Irey & Holden of Lodi for $67,852.20.

Grading and surfacing with gravel of 7.2 miles and paving of 4.3 miles of the state highway between Beltane and Shellville, in Sonoma County, awarded to Galbraith & Janes of San Mateo on a bid of $274,760.61.

All paving authorized will be twenty feet wide and is of Portland cement concrete.

With the exception of the Sonoma County award, the bids in each instance were under the engineer's estimates.

State Highway Engineer R. M. Morton declared the contracts were being awarded at a most opportune time as numerous bids had been received indicating an increased interest in state highway construction among contractors.

The awarding of a contract for grading between Truckee and Boca, on the Auburn-Verdi section of the Victory Highway, is particularly significent, it was pointed out by Chairman Harvey M. Toy, because it definitely and finally commits the commission and the state to the building of the Truckee River route as as connection with Nevada instead of the Dog Valley Grade, a controversy of many years standing.

Toy expressed gratification at the action of the commission because of his connection with the fight for the water grade through the scenic Truckee River canyon. The Truckee-Boca unit is the first section of the Truckee Canyon highway.

The commission also had before it for consideration the bid of George H. Oswald of Los Angeles for the grading of 13.06 miles and the widening and thickening of 11.65 miles of the existing pavement on the Coast Highway, in Los Angeles County, between Shoup Avenue and the westerly boundary; and bids for the construction of six small bridges on the eastside highway, in Tehama County, between Red Bluff and Los Molinos.

The aggregate of the bids on these two projects is approximately $440,000.

LOWER MATERIAL COSTS TO STIMULATE BUILDING

Buying is everywhere upon a conservative basis, owing to the tendency shown by most buyers to close the year with light reserve stocks of materials, according to 'Engineering News-Record," of New York.

While there has been no decline in building trades wages, some concessions are forthcoming in materials' prices. The lower prices in question are designed principally to induce a greater volume of winter building and also to give the dealers a chance to cover against the spring rush for building materials and consequent mill and transportation congestion.

There is evidence, however, of a slight upward tendency in prices of materials used in the latter stages of the construction of a building.

The lumber market is taking on a firmer tone in most centers, although telegraphic advices from San Francisco announce a drop of $3 per thousand feet in Douglas fir timbers.

Common brick are quoted at $20 per per thousand wholesale, alongside dock, New York, against $18 one week ago. The winter reserve stocks are low, with danger of navigation in the Hudson river being closed at any time by freezing weather. This would, of course, cut off the supply of Hudson common brick in the midst of a period of active demand. The unusual supply of used brick from building demolition, as well as importations have not as yet affected the price of first grade domestic brick.

ELECTRIC SERVICE STANDARDS CIRCULAR REVISED

A new edition of the Bureau of Standards Circular on Electric Service Standards has just been issued by the Department of Commerce. The material contained in the old edition has been revised when necessary and brought up to date. This first edition has been the basis for many of the rules for electric service which are now in force in many of the states, and which cover such subjects as the accuracy of meters and means for testing them, interruptions to service, variations in voltage on electric lines, safety provisions, methods of metering, etc. These rules for the various States are embodied in the Circular and recommendations are made for the framing of such rules where they do not already exist.

In collecting this material the Bureau of Standards sent its experts all over the United States to confer with commissions and engineers having to do with the regulation of public utilities. In twenty-one of the states electric service rules were found to be in force, while in forty there are laws giving a commission power to regulate the corporations furnishing public utility service.

This book is known as Circular 56, 2d Edition, of the Bureau of Standards, entitled 'Standards for Electric Service." It can be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. The price is 60 cents.

TRADE NOTES

J. J. McFarlane, successor to W. W. Montague & Co. and Eureka Stove & Appliance Co., stove repair specialists, has leased quarters adjoining the present plant at 14th and Stevenson streets, San Francisco, to meet the demand of increased business. The additional quarters, containing 1700 square feet, make the McFarlane plant the largest exclusive stove warehouse west of Chicago.

The International Sanitary Manufacturing Co., manufacturing "No-Noyse Valves," has established quarters at 1421 Forty-sixth avenue, Oakland, for the manufacture of the product which is based on a new principle of water toilet construction. The company declares the product to be absolutely sanitary, constructively leak-proof and reduces the water consumption 25% over ordinary types of valves.

Westinghouse Electric Co. has awarded a contract to the Dinwiddie Construction Co. of San Francisco, to erect a three-story reinforced concrete addition to its plant at Emeryville. addition will cost in the neighborhood of $300,000.

R. P. Holmes, formerly with the Consolidated Lumber Company of Los Angeles and at one time in business for himself, is now general manager of the Pelton & Levee Lumber Company's yard at Los Angeles.

F. A. Van Leer has opened an office at 620 San Fernando Bldg., Los Angeles, representing Cadwallader-Gibson Company, hardwood dealers of San Francisco.

Business Equipment Co. of Sacramento has been incorporated with a capital of $25,000 and will engage in the sale of office furniture and equipment.

San Francisco Builders, Inc., capitalized at $25,000 has been incorporated in San Francisco. Directors are: Charles J. Worden, Raymond E. Underwood and Clarence W. Morris.

The Cutter Mill & Lumber Co. of Sacramento has been incorporated with a capital stock of $200,000. Directors are: J. C. Carley, Curtis H. Cutter and L. E. Cutter.

J. C. Ellis succeeds O. A. Nelson as Los Angeles representative of the Santa Fe Lumber Company.

SITE FOR LOS ANGELES AUTO PLANT IS PURCHASED

The Paramount Motors Corp., of which Fred S. Lack, California Bank Bldg., Los Angeles, is president, has purchased a 160-acre site in Azusa, Los Angeles county, and will erect a number of structures for the manufacture of automobiles.

The main building, the first of the group to be erected, will be three stories in height of brick and steel construction. It will cover an area of 250 by 300 feet and will be equipped with latest equipment for such plants including overhead cranes and hosits, etc.

The plant when completed will represent an expenditure of approximately $1,500,000.

Business In Twelfth Federal Reserve District Is Reported

The December issue of the Monthly Review of Business Conditions, issued by the Federal Reserve Board, sums up activities in the Twelfth Federal Reserve District, as follows:

Building Activity

A seasonal decline in the number and value of building permits issued in 20 principal cities of this district occurred during November, 1923, but the volume of prospective building continued more than 15 per cent larger than one year ago. As compared wth the record month of October, 1923, the number of permits issued during November was less by 18.2 per cent, and the value of permits granted declined 24 per cent, the latter decline carrying these figures to the lowest point since February, 1923.

Percentage Increase or Decrease (—) in the Number and Value of Building Permits issued in 20 Cities

The principal declines during the month were in Fresno, Long Beach, Los Angeles, and Portland, cities where, in most cases, particularly heavy building programs have been carried on during the present year.

	Nov., 1923, compared with Nov., 1922	Nov., 1923, compared with Oct., 1923
Number of Permits Issued	18.0	—18.2
Value of Permits Issued	16.0	—24.0

The United States Department of Labor index number of building materials prices stood at 181 in November (1913 prices=100). This is 0.6 per cent less than a month ago, 2.2 per cent less than a year ago, and 11.3 per cent below the peak of April, 1923.

Building Permits

	November, 1923		November, 1922	
	No.	Value	No.	Value
Berkeley	227	$ 730,235	157	$ 331,980
Boise	79	26,359	58	26,916
Fresno	198	382,598	272	491,136
Long Beach	475	1,925,828	369	1,046,465
Los Angeles	5,595	13,512,042	4,614	11,355,710
Oakland	1,041	2,336,472	853	2,584,752
Ogden	38	93,625	19	65,050
Pasadena	329	1,668,641	319	548,707
Phoenix	59	80,397	51	297,713
Portland	1,191	1,672,145	1,006	1,858,550
Reno	21	46,650	20	40,275
Sacramento	312	464,476	211	445,770
Salt Lake City	102	526,650	74	276,690
San Diego	465	984,499	444	2,231,890
San Francisco	786	3,850,265	638	2,620,471
San Jose	93	204,370	78	161,575
Seattle	785	1,147,805	788	1,259,610
Spokane	160	181,563	187	161,927
Stockton	114	221,044	78	187,308
Tacoma	310	336,241	254	207,977
District	12,380	$30,391,905	10,490	$26,200,472

LUMBER

There was a slight seasonal decline in activity in the lumber industry of this district during November, as mills in some sectons closed down for the wnter season, but production and distribution, nevertheless, continued at record levels. Production, according to reports of mills in four lumber associations, was 4.4 per cent less than in October, 1923, but, excepting the latter month and the month of May, 1923, was greater than in any other month of which this bank has record. As compared with November, 1922, output of reporting mills increased 19.8 per cent. The volume of both shipments and orders declined from the preceding month, but continued at levels well above those of a year ago. Figures showing the activity of about 200 reporting mills follow (000 omitted):

	Nov., 1923 Board feet	Oct., 1923 Board feet	Nov., 1922 Board feet
Production	666,754	697,489	556,708
Shipments	574,877	591,241	430,555
Orders	572,967	602,939	482,248
Unfilled Orders	481,551	438,866	479,880

The domestic market for lumber was seasonally quiet during November, and prices for some grades of wood tended downward. In California, where building continued relatively active, normal seasonal amounts of lumber were sold. Middle western lumber dealers were reported to be increasing their purchases slightly, but prices in this large consuming area continued weak. A distinct seasonal decline in shipments to the Atlantic Coast was noted during November, but early December reports indicated that the market in that section was again active.

Export trade in lumber increased during November, due principally to the abnormal Japanese demand, and this trade was the chief element of strength in the lumber market for the month. Reports from one of the largest factors in the export field show that the volume of foreign orders was nearly trebled during November as compared with October, Japanese orders alone amounting to twice the total volume of export business accepted for all accounts during the earlier month. Large orders were also received from China and Australia. Shipments to foreign countries were extremely light, however, due to difficulties encountered in obtaining cargo space. This shortage of lumber carrying vessels temporarily checked export business, and in some sections, where mills had cut wood in excess of amounts previously sold, a surplus of export dimensions has accumulated.

Employment

A decline in employment, not wholly seasonal, was reported from several sections of the district during November. The demand for workers in the mines, which as late as last August was reported to be in excess of the supply, has decreased during recent months, partly as a result of actual curtailment of activity and partly as a result of increased operating efficiency made necessary by narrowing margins of profit on the metals produced. A slight surplus of mine workers in some sections has resulted. In the newer oil fields of Southern California a number of temporary workers were released during November, following the recent decline from the peak of flush production period, during which their employment was necessary. Employment in the lumber camps of the Pacific Northwest continued at high levels during November, even though some seasonal curtailment in log and lumber production was reported.

Many seasonal agricultural workers, until recently employed on the farms of the district, are now idle, but the number of these workers who have been unable to find winter employment is reported to be no larger than in former years of normal activity in trade and industry. In parts of the district in the building industry has, of necessity, been curtailed as the winter season advanced, and some building trades workers are temporarily unemployed.

Employment in manufacturing industries in four principal cities of the district increased during November, although slight declines were reported for San Francisco and Seattle. The following figures based on reports of 40 firms employing 501 or more men give a comparison of employment conditions in manufacturing industries during November, 1923, and 1922:

	Number of Firms	Number of Men on Payroll Nov., 1923	Nov., 1922	Per Cent Increase Nov., 1923, over Nov., 1922
Los Angeles	16	34,438	28,161	18.1
Portland	8	8,805	7,494	17.5
San Francisco	10	8,411	7,050	19.3
Seattle	6	2,360	2,331	1.2

Newspaper Ass'n Membership, No. 6424

From the fourteenth to the eighteenth of January there will be held in Chicago, the greatest exhibition of road machinery, materials, and methods ever staged in the history of road making.

It is difficult to estimate the importance of such a great exposition, either from the standpoints of the road builder or the road buyer. The intimate contact thus made possible between maker of machinery and maker of material can not but aid both to do better work. The bringing together of so many different ways of road making must be of incalculable value to the road buyer; the county and State engineer, the road supervisor, and the taxpayer.

But perhaps the greatest benefit from this mutual contact of the forces which are behind the good road, is in the laying before the country, the magnitude of the effort involved and showing forth to the world what progress has been made in the hard surface highway idea.

Twenty years ago, before the automobile was more than a toy, the road idea was dead. We didn't need roads. The roads we had were good enough. To spend money for roads was foolish. The railroads gave all the transportation necessary. Roads were merely an expense, a luxury, not an asset!" Such arguments were common. There were no road builders, there was no road building industry. Today there are thousands of engineers, hundreds of firms making hard road building machinery and products for hard road making, and there is not a State uninterested in modern highways, not a county which isn't talking good roads, not a farmer who doesn't realize the need of them.

This great road exposition is a reflection of the times, and the sentiment which is behind roads; hard roads, the sort of roads which minimize the hauling cost and give the maximum of speed and intercommunication.

The road exposition at the Coliseum, in Chicago, is more than an exhibit; it is a monument to the modern idea of transportation.

President Coolidge is backing the Secretary of Agriculture to the limit in his course towards the administration of Federal aid for roads in Arkansas, where Federal funds are being withheld pending the correction of certain conditions.

Secretary Wallace states, regarding the affair:

"It is estimated that road improvement districts in Arkansas have issued bonds to the amount of about $63,000,000. Of this only $11,000,000, about 17 per cent in round numbers, has been used in connection with Federal aid. The remainder has been used altogether on district projects, with which Federal aid has had nothing to do.

"Most of the Arkansas road districts, in connection with which there have been serious abuses and gross unfairness to the land-owning farmers, were created before Federal aid amounted to anything Many of them has practically exhausted local funds before Federal aid was called for.

"Because of the peculiar road distract system adopted in Arkansas Federal aid administration has been exceedingly difficult. In April, 1912, it was discovered that great injustices were practiced in these road districts, of which at that time there were more than 500, but in only 110 of which Federal aid had been granted. An engineer of the Department of Agriculture was sent into the State to make a careful investigation to secure information needed to administer Federal aid funds.

"He found many cases of bad management, careless handling and improper payments of local funds, excessive assessments on land owners, unbalanced and discriminatory assessments, inecconomic laying out of districts, and a general laxity in the organization to maintain the roads once they were built.

"The governor called a special session of the legislature to convene September 24. The legislature passed an act known as the Harrelson law. It is better than the old law. Under it no new improvement district can be created except by a majority vote of the people within the district, and the assessment which may be levied on adjacent land is limited.

"The department has no intention of making any further investigation in Arkansas except as it may be necessary to administer Federal aid funds justly and efficiently."

PUBLICATIONS

"The Stair Builders' Guide," by Morris Williams, explains the constructive details of the stairway and the fundamental elements of wreath rail construction. It is a treatise on the construction of straight flight, platform, cylindrical, and elliptical stairs, explaining the theory and the practice so that the average building mechanic may understand them and giving examples of work ranging from the simplest to the most complex forms. The guide is published by the U. P. C. Book Company, Inc., 239 W. Thirty-ninth street, New York City.

"Plan Reading and Quantity Surveying" is the title of a 200-page book by Charles F. Dingman. The volume is intended, insofar as it is practicable to do so in a book of moderate size, to delineate the methods to be used in scaling quantities from plans of projected buildings and in setting those quantities down in such form that they will be available for use by the estimator, whose function is to estimate the cost of the necessary materials and labor. McGraw-Hill Book Company, Inc., 370 Seventh Ave., New York City, are the publishers.

"Jobbing Work for the Carpenter, Builder and Handy Man," is the title of a 270-page book by Edward H. Crussell. There are a number of interesting chapters on the selection and the care of tools and their use, and instructions on the making of store counters, bookcases, paneled doors, window frames, contractors' ladders, and cabinets. Valuable hints are given for the handy man who wishes to make repairs, construct fences, or crate furniture and household goods.

The State Industrial Accident Commission, State Bldg., San Francisco, has issued an "Advisory Pamphlet on Organization of Safety Committeees in Industry." The publication is issued in an endeavor to stimulate interest in safety organization work and covers the following subjects: Necessity for Organization, the Work of an Organization, Form of Organization, and Optlines for Safety Organization adopted by the California Inspection Rating Bureau.

A Manual of Revolving Door Construction and architectural design with architects' standard specificatons is published by the Van Kannel Revolving Door Company, 250 W. Forty-fourth stdeet, New York City. Various features of the revolving door are explained, including capacity tests, construction features, designs, dimensions, equipment, economies, and benefits. Charts on operating and oiling are furnished.

"The Right Angle," published by the General Fireproofing Co., Youngstown, Ohio, is devoted in its December issue to the subject of winter construction. The entire issue deals with the advantages of winter building, fire-resistive properties of metal lath construction, and methods of safeguarding concrete poured in cold weather.

RECORD ATTENDANCE AT ROAD SHOW IS FORECAST

All indications point to a record breaking attendance at the Convention and Road Show of the American Road Builders' Association at Chicago, January 14 to 18. In various sections of the country special trains and special cars are being arranged for by groups of men identified with the highway industry who are planning to attend in a body. The highway builders of North Carolina will travel to Chicago on the Frank Page Special, which leaves Raleigh Saturday, January 12, at 11:30 P. M., over the Seaboard Airline. They will reach Washington at 8:45 A. M., on Sunday, January 13th and will leave over the Pennsylvania for Chicago at 10:55 A. M. arriving at Chicago at 8 A. M. on January 14th.

The New Jersey contractors and engineers will go out in special cars which will be attached to the Pennsylvania, Limited, leaving New York at 11:05 A. M. January 13th.

A group of public officials and contractors from Florida are arranging for a special car on the Dixie Flyer leaving Jacksonville at 9 P. M., on the 12th and an all-Denver car will bring the delegates from that city.

Other groups of delegates in various cities are making similar arrangements, and information in regard to them can be obtained from local railway offices.

The official headquarters of the American Road Builders' Association will be at the Congress Hotel and C. M. Upham, Convention and Show Manager, will be in general charge.

Arrangements have been made with the various railway passenger associations by which all who wish to attend the Convention and Road Show of the American Road Builders' Association January 14 to 18 and then remain in Chicago for the sessions of the Annual Convention of the Associated General Contractors of America the following week may obtain a reduced rate covering both conventions. This reduced rate consisting of one and one-half fares for the round trip can be obtained by procuring a Convention certificate at the starting point and then having the certificate properly validated at the Road Show. This rate also applies to dependents of those attending the Convention and Show.

HIGHWAY CONSTRUCTION IN SOUTHERN CALIFORNIA FOR 1923

During 1923 approximately 135 miles was added to the mileage of improved highways in southern California. Contracts awarded for highway construction during the year in the same territory aggregated $3,464,596, not including $425,767 spent on bridges. No city street work is considered in these estimates. Data collected by the engineers of the Automobile Club of Southern California show the distribution of road contracts in 11 of the 13 counties n southern California as follows:

	Miles	Amount
Los Angeles	50.00	$1,529,420.59
Kern	9.62	248,557.77
Mono	1.00	16,000.00
Orange	33.40	485,893.62
Riverside	9.01	101,097.80
San Bernardino	2.00	61,882.00
San Diego	28.35	684,984.15
San Luis Obispo	....	2,975.00
Santa Barbara	2.00	27,000.00
Tulare	10.00	158,304.30
Ventura	4.10	70,236.52
Totals	129.48	$3,386,551.75

1924 Marks Centennial Of Cement Industry—Product's History

Old records on file in the British patent office show that in 1824—just one hundred years ago—an English bricklayer named Joseph Aspdin was awarded a patent for a material he called "portland cement." At that time a number of men were engaged in experiments in an effort to produce a cement superior to the natural cements then in use. As far back as 1776 an English contractor named John Smeaton had discovered that an impure limenstone containing a certain amount of clayey matter possessed decided hydraulic properties when burned. Aspdin's contribution was his descovery of the value of taking proper proportions of different ingredients and then pulverizing and thoroughly mixing them before they were burned into clinker, which later was finely ground. He called his material "portland" cement because when it hardened it resembled a building stone quarried on the Isle of Portland.

Although Aspdin's invention was brought out in 1824, it was not until 1872 that the portland cement industry started in the United States. Of course natural cements had been used here for years, and in the late sixties imported portland cement was gaining a strong foothold in the American market. In 1872 David O. Saylor established a plant for the manufacture of portland cement at Coplay, Pennsylvania and so far as can be ascertained this is the first plant of its kind to be started in this country. Within a few years other plants were built at South Bend, Indiana, Kalamzoo, Michigan, and various parts of the east.

Many interesting stories are told in connection with the early efforts to produce portland cement in the United States. One man used a cookstove in which to burn rock while conducting his experiments. Another used a piece of sewer pipe as a kiln, and ground his materials in a coffee mill. Still another pressed a bent car-axle into service as a part of agrinding machine. For a number of years the reputation of imported cements was so strong that American manufacturers had a difficult time in securing a market for their product. It was not until the late nineties that the home product took its place on an equal footing with imported cement, and eventually won the market.

One hundred years after the invention of the material, the plants of the United States are producing more portland cement than the rest of the world combined. United States Geological Survey figures indicate that about 135,000,000 barrels were made in this country in 1923.

This development has necessitated the revolutionizing of methods of manufacture. Where the early pioneers used crude dome-like kilns for burning their raw materials a modern plant contains huge rotary kilns — steel brick-lined cylinders that may weigh as much as eight Pullman cars each. One of these great modern kilns will produce as much clinker in a day as one of the old kilns could turn out in a year. The old fashioned grinding machinery has been supplanted by a variety of crushers and centrifugal, hammer and ball mills, in which the raw material and clinker are reduced to a powder finer than flour.

The centennial of the invention of portland cement is an important date in industrial history, and as such will be fittingly observed by various organizations in the building field.

STEEL COMPANIES CHARGED WITH RESTRAINT OF TRADE

The Pacific Coast Steel Company, South San Francisco, is named among other California steel manufacturers in charges of maintaining a combination in restraint of trade, preferred by the Federal Trade Commission.

Following an investigation conducted by D. N. Dougherty of the commission, the steel companies are accused of monopolizing scrap metal and controlling the scrap market to the exclusion of other dealers.

It is alleged that these companies formed a million dollar purchasing company for this purpose, and that the purchasing company names its own prices for scrap and refuses to buy on any other terms.

The combination is alleged to have forced the price of scrap metal in California to from $5 to $8 a ton below the price in the East.

FORESTRY DELEGATES MEET

More than 100 delegates from Washington, Oregon, California, Montana and British Columbia were present at the fourteenth annual meeting of the Western Forestry and Conservation Association which met in Seattle recently. Problems relating to reforestation, control of insects and diseases, fire prevention, association policies and state and federal legislation were discussed. Outstanding things of the year according to delegates and speakers were the development toward a national forest policy, reform in forest taxation and less fire loss in 1923.

1923 BUILDING IN OAKLAND

Building operations in Oakland for the year 1923 totaled $27,628,175, according to figures compiled by the Oakland City Building Bureau. During the year 11,679 segregated permits were issued.

Construction during the year is segregated as follows:

Class	No. of Permits	Est. Cost
Frame	10,894	$19,204,156
Concrete	114	4,633,642
Brick	141	2,415,049
Tile	115	303,812
Steel	43	915,750
Miscellaneous	372	155,766

During the year 9,866 permits were issued for new construction totaling $26,561,096 and 1,813 permits for additions, repairs and alterations to standing structures costing approximately $1,077,079.

LIENS FILED AT WOODLAND AGAINST CONTRACTOR

Liens aggregating unwards of $30,000 have been filed at Woodland within the past few weeks against the Hart Construction Co. of Gerber, Calif. The firm is engaged in road construction for Yolo County.

Among the chief alleged creditors is the West Valley Lumber Co. of Woodland for $17,000. Other large creditors are the Yolo Gravel Co. for approximately $2500; the Henry Cowell Lime & Cement Co. and Coast Rock & Gravel Company. A number of smaller claims have also been filed, according to R P. Wallace, county auditor.

Building News Section

APARTMENTS

Plans Being Prepared—To be Done by Day's Work.
APARTMENTS Cost, $20,000
SAN FRANCISCO. SW Fifteenth Ave. and Anza Street.
Two and three-story frame and stucco apartment house (3 4-room and 1 6-room apt. with basement garage)
Owner—Withheld.
Architect—R. R. Irvine, Call Bldg., San Francisco.
Contractor Taking Sub-Figures.
APARTMENTS Cost, $90,000
SAN FRANCISCO — N Eddy St. 62-6 E Hyde St.
Six-story and basement reinforced concrete class C apartments and store building (30 2-room apts.)
Owner—Veyhle & Collins, 547 Brannan St., San Francisco.
Architect—E. E. Young, 2002 California St., San Francisco.
Contractor—M. A. Little, 535 Geary St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $14,000
OAKLAND, NW Mather and Gilbert Sts
Two-story 16-room frame apts and garage.
Owner—J. B. Muir, 5430 Thomas St., Oakland.
Contractor—J. B. Bishop, 811 Adams St. Albany.

Owner To Take Sub-Figures.
APT. HOUSE Cost, $45,000
SAN FRANCISCO, Filbert St. near Van Ness Ave.
Three-story and basement frame and stucco apt. house (3 2-room, 1 3-room and 1 4-room apts. on each floor).
Owner — Ben Liebman, 407 11th Ave., San Francisco.
Architect — Richard R. Irvine, Call Bldg., San Francisco.
Tile roof, steam heat, wall beds hardwood finish, etc.

Plans Being Figured.
APARTMENTS Cost, $50,000
RICHMOND, Contra Costa Co., Cal. NE Macdonald Ave. and Civic Center Street.
Three-story and basement frame and stucco apartments (21 2 and 3-rm. apts. T & G roof).
Owner—L. Loustau, San Francisco.
Architect — Fabre & Hildrebrand, 110 Sutter St., San Francisco.
Bids are being taken for a general contract from San Francisco and Richmond contractors and are on file in the Richmond Builders Exchange.

To Be Done By Day's Work.
APARTMENTS Cost, $30,000
SAN FRANCISCO, SW Chestnut and Polk Sts.
Three-story and basement frame (12) apartments.
Owner—Wm. Helbing, 1332 Lombard St San Francisco.
Plans by owner.

Contract Awarded.
RESTAURANT Cost, $30,000
SAN FRANCISCO, S Geary and Laguna Streets.
Four-story and basement concrete frame Chinese restaurant and apt.
Owner—Wong Bew.
Architect—W. R. Yelland, Perry Bldg. Oakland.
Contractor—Ira W. Coburn, 712 Hearst Bldg., San Francisco.

Contract Awarded.
APARTMENTS Cost, $13,500
OAKLAND, S E-14th St. 50 E 5th Ave.
Two-story 16-room frame apts.
Owner—Wm. R. Taylor.
Contractor — California Builders Co., 1534 Franklin, Oakland.

Plans Completed.
APARTMENTS Cost, $15,000
SAN FRANCISCO, S O'Farrell 114-3 E Leavenworth.
Three-story and basement concrete (4) apartments.
Owner — J. Fritsch, 825 Monadnock Bldg., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $17,000
BERKELEY, Alameda Co., Cal., 2131 Hearst Ave.
Two-story 20-room apts. and 4 garages
Owner—Carlos & Howat, 654 Oakland Ave., Oakland.

Contract Awarded.
APARTMENTS Cost, $10,500
OAKLAND, W PARK BLVD 70 S Portland Ave.
Two-story 12-room frame apartments.
Owner—Florence Lyon.
Contractor — H. W. McIntier, 1528 Franklin St., Oakland.

Plans Being Prepared.
APT. HOUSE Cost, $12,000
RICHMOND, Contra Costa Co., Cal, 13th and Bissell St.
Two-story frame and stucco apt. bldg. (2 3-room and 1 6-room apts.)
Owner—Dr. Carpenter.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
Plans will be ready for figures in about two weeks.

To Be Done By Day's Work.
APARTMENTS Cost, $10,000
SAN FRANCISCO, SW 15th Ave. and Anza Sts.
Two-story & basement frame (4) apts.
Owner—M. P. Storheim, 201 Caselli Ave San Francisco.
Architect—R. R. Irvine, 726 Call Bldg., San Francisco.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. Fold-up-Dors, Ti-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co., Kansas City, Mo.

SASH OPERATING DEVICES

T. J. Callahan Co., Dayton, Ohio.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-shipping flooring. — Irving Iron Works Co., New York.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET

Sutter 5907 San Francisco

Plans Being Prepared.
APT. HOUSE Cost, $90,000
SAN FRANCISCO, Franklin St.
Four-story and basement reinforced concrete apt. house 2 & 3-rm apts.
Owner—Withheld.
Architect—W. C. Mahoney, 892 Union, San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $30,000
SAN FRANCISCO, Francisco St. and Van Ness Ave.
Three-story and basement frame and stucco apts. (6 4-room apts.)
Owner—Withheld.
Architect—W. C. Mahoney, 892 Union St., San Francisco.

Owner Taking Figures.
APARTMENTS Cost, $18,000
SAN FRANCISCO, N Francisco 151-9 E Franklin.
Two-story and basement frame apts. (4 4-room apts.)
Owner—C. H. Hoffmeyer, 180 Jessie St. San Francisco.
Architect—W. C. Mahoney, 892 Union St., San Francisco.

Completing plans.
APARTMENTS Cost, $100,000
SAN FRANCISCO, Leavenworth near Union.
Five-story and basement reinforced concrete apt. house (64 rooms 2 & 3-room apts.)
Owner—Withheld.
Architect—W. C. Mahoney, 892 Union St., San Francisco.

Contract Awarded.
APARTMENTS $14,000 & $11,000
OAKLAND, SE Park Blvd & E-33rd St. and S E-33rd 60 S Park Blvd.
Two 2-story 16-room frame apartments
Owner—Wm. Retzel.
Contractor—Cal. Bldg. Co., 1534 Franklin, Oakland.

Permit Applied For.
APT. HOUSE Cost, $35,000
SAN FRANCISCO, SW 2nd and Cornwall Sts.
Three-story frame and brick veneer apt. house (9 3 & 4-room apts).
Owner—O. M. Oyen, 67 Carmel, S. F.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
The owner will take sub-figures.

To Be Done By Day's Work.
APARTMENTS Cost, $15,000
SAN FRANCISCO, SW 18th Ave. and California St.
Two-story and basement frame (4) apartments.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.

LOS ANGELES, Cal.—L. T. Mayo, 531 Black Bldg., has the contract to erect a 72-room apartment house on Union Drive near 5th St. for Erwing & Ballin. E. B. Rust 523 Black Bldg, archt. Three story, 60x128 ft., frame and plas. construction, comp rfg., pine trim, oak and pine fls., wall beds, tiled baths, gas rads., water htrs, electric elevator; cost, $86,000.

SEATTLE, Wash.—Archts. Stuart & Wheatley, Walker Bldg., complete plans for 6-story and base., concrete apartments to be at 418 Loretta Ave. Will contain 125 apartments, approx. 300 rooms in all, covering ground area of 160 by 108 ft. Est. cost $565,000. Work will be carried on by owner, Stephen Berg, 3402 Woodland Park Ave Seattle, who will let all sub-contracts.

SEATTLE, Wash. — John Hudson, general contractor, Empire Bldg., has started construction of 4-story 120 by 95 ft. brick and cast stone apartment house in Boren Ave.; est. cost $190,000. Will contain 114 rooms. W. E. Dwyer, architect, Empire Bldg., Seattle.

LOS ANGELES, Cal.—Thomas Jewell 425 Pac. Finance Bldg., is completing plans for a 3-story apt. bldg. to be erected on E Broadway, Eagle Rock Annex, for Will Mercer and Wesley Marsh; it will contain 40 single and double apts. Frame and plaster constr., 115x138 ft., L-shape, 3-story and part basement, tile and comp. rfg., pine fls., gas rads., aut. unit water htr., terrazzo fl. in lobby, wall beds, pine trim, tile baths and drainbds., metal lath.

LOS ANGELES, Cal.—H. B. Saunders, 503 Junior Orpheum Bldg., has prepared plans for a 59-room, 27-apartment bldg. to be erected on Pasadena Ave. near Ave. 49, for Max Kless, 4835 Pasadena Ave. Three-story 55x112 ft., frame and plas. construction, comp rfg, pine trim., oak and pine fls., tiled baths wall beds, water htrs., gas rads.; cost $60,000.

LOS ANGELES, Cal.—Archt. John J. Frauenfelder, 1116 Story Bldg., is preparing working plans for a 3-sto class D apt. house to be erected on Vermont Ave. near 1st St. for J. J. Warrick and Dr. C. M. C. Walters. Dimensions, 100x 150 ft., 82 apts.; frame and plas constr; comp. rfg., pine trim, oak and pine fls., tiled baths, water htrs., steam htg.; $125,000.

LOS ANGELES, Cal.—Architect Harry Genser, 208 Hibernian Bldg., is preparing plans for a 74-room apartment building to be erected in the Wilshire district for the Shapiro Constr. Co. Three-story, 50x125 feet, frame and stucco construction, composition roofing, gas radiators, automatic water heaters, tile baths and drainboards, hardwood floors, hardwood and O. P. trim, wall beds. Cost, $60,000.

BONDS

MERCED, Merced Co., Cal.—Until Feb. 5, bids will be rec. by county supervisors for purchase of $16,000 bond issue of Romero School District; proceeds of sale to finance erection of new school.

EUREKA, Humboldt Co., Cal.—Feb. 20 is date set to vote bonds of $450,000 to finance construction of junior high school, preliminary plans for which are being prepared by J. J. Donovan, architect, 1916 Broadway, Oakland

LEMOORE, Kings Co., Cal.—Bonds of $35,000 vote to purchase site and erect city hall.

SAN JUAN, San Benito Co., Cal. — Election held in San Juan School District to vote bonds of $20,000 to make alterations and additions to present school failed to carry.

SAN BERNARDINO, Cal.—The $300,000 bond issue of the San Bernardino High School District has been sold for premium of $5304; proceeds to finance school improvements.

GUSTINE, Merced Co., Cal.—Romero School District votes bonds of $16,000 to finance construction of new school.

SAN JOSE, Santa Clara Co., Cal. — County supervisors sell $760,000 san Jose High School District bond issue for premium of $8527.63, proceeds to finance school improvements. W. H. Weeks, 369 Pine St., S. F. and Binder & Curtis, Binder Bldg., San Jose, associated, archts.

SAN JOSE, Santa Clara Co., Cal.—Until Feb. 4, 11 a. m., bids will be rec. by supervisors for purchase of $92,000 5% bond issue of Willow Glen School District; proceeds of sale to finance construction of new school. Wyckoff & White, Growers Bank Bldg., San Jose are the architects.

WATTS, Los Angeles Co., Cal.—A petition is in circulation for the formation of a $275,000 high school district. More than half of the required signatures have been secured.

CHURCHES

LODI, San Joaquin Co., Cal.—Bethel Tabernacle, a religious organization which plans to construct a building and conduct services in the city of Lodi, hae been granted articles of incorporation. Trustees for the organization are R. J Stuck, J. C. Burson, Wilbur Caldwell, F. A. Lyon, Fred Veit, H. A. Goodman and F. W. Coblentz, all of Lodi.

ALAMEDA, Alameda Co., Cal.—Board of Education will call election to vote bonds to erect new Lincoln grammar school, to replace structure recently destroyed by fire. It is proposed to erect a 24-room building with 16 regular classrooms and 8 additional rooms for kindergarten and special rooms.

LOS ANGELES, Cal.—Archt. Harry L. Pearce, 603 Wright & Callender Bldg has completed plans for a $200,000 church to be erected in 3 units at Fairfax and Fountain Aves., West Hollywood, for the Crescent Heights Methodist Episcopal Church. The first unit will be built at present and will contain auditorium and balcony to seat 750 people, with Sunday school, frame and plaster constr., 70x115 ft., tile rfg, hardwood and O. P. fls., fan system of ventilation, gas rads., water htr., O. P. trim. Owners are taking bids from two contractors.

LONG BEACH, L. A. Co., Cal.—Trewhitt-Shields Co., 506 Western Mutual Life Bldg., L. A., has the contract to prepare plans and erect a new church at s.w. cor. of 7th St. and Cedar Ave., Long Beach, for the Second Church of Christ Scientist. The bldg. will contain an auditorium to seat 1400 people. It will be reinforced concrete construction. The site is 75x150 ft. Estimated cost $150,000.

PORTLAND, Ore.—Beth Israel Temple, recently destroyed by fire, will be rebuilt at the present location, 12th and Main sts., at a cost of approx. $300,000. Plans will probably be prepared by Archts. Sutton and Whitney, Lewis Bldg., Portland.

FACTORIES AND WAREHOUSES

Plans Being Prepared.
WAREHOUSE Cost, $45,000
SAN FRANCISCO SE Seventeenth & Mission Streets, 50x160.
Three-story and basement brick and concrete warehouse addition.
Owner — Redlick-Newman Furniture Co., 17th and Mission Sts., S. F.
Architect — Mel I. Schwartz, Nevada Bank Bldg., San Francisco.
NOTE—Figures will be taken in about a week.

Contract Awarded.
FACTORY Cost, $13,800
SACRAMENTO, Cal., 20th & G Sts.
One-story reinforced concrete factory.
Owner—W. A. Rapp & Co.
Architect—Hemmings & Starks, Ochsner Bldg., Sacramento.
Contractor—Herndon & Finnigan, 1814 17th St., Sacramento.

Contract Awarded.
WAREHOUSE Cost, $9500
SAN FRANCISCO, Second and Deboom Streets.
One-story and mezzanine frame warehouse.
Owner—Howard Realty Co.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.
Contract—Buschke & Brown, 180 Jessie St., San Francisco.

Plans Being Figured.
BLDG. ETC. Cost, $14,000
SAN FRANCISCO, Geary St. near 2nd Avenue.
One-story reinforced concrete storage bldg. and alter cottage.
Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
Bids are being taken for a general contract.

Pans Being Prepared.
ADDITION Cost, $15,000
FRESNO, Fresno Co., Cal. E Street.
One and 2-story reinforced concrete & brick addition to boiler room for creamery.
Owner—Danish Creamery Co., Fresno.
Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.

Contract Awarded.
LOFT BLDG. Cost, $18,990
SAN FRANCISCO, S Howard 85 W 2nd
One-story and basement C loft bldg.
Owner — R. D. Holabird, care Ohio Brass Co., Hobart Bldg., S. F.
Architect—B. G. McDougall, 393 Sacramento St., San Francisco.
Contractor—Lindgren & Swinerton Inc Standard Oil Bldg., S. F.

Contract Awarded.
ADDITION Cost, approx. $300,000
EMERYVILLE, Alameda Co., Cal.
Powell and Sixty-second Sts.
Three-story reinforced concrete addition to plant.
Owner—Westinghouse Electric Co.
Engineer—Bernard H. Prack, 62nd and Green Sts., Emeryville.
Contractor — Dinwiddie Constr. Co., Crocker Bldg., San Francisco.

Contract Awarded.
LOFT BLDG. Cost, $40,000
SAN FRANCISCO, 10th, Brannan and Division sts.
Four-story and basement class C loft building.
Owner—Richmond Sanitary Mfg. Co., 460 2nd St., San Francisco.
Architect—John H. Powers and John H. Ahnden, 460 Montgomery St., San Francisco.
Contractor—Cahill Bros., Sharon Bldg. San Francisco.

Plumbing and Elevator Contracts Awarded.
ADDITION Cost, approx. $300,000
EMERYVILLE, Alameda Co., cal. Powell and Sixty-second Sts.
Three-story reinforced concrete addition to plant.
Owner—Westinghouse Electric Co.
Engineer—Bernard H. Prack, 62nd and Green Sts., Emeryville.
Contractor — Dinwiddie Constr Co., Crocker Bldg., San Francisco.
Plumbing awarded to Lawson and Drucker, 450 Hayes St.
Elevators to Spencer Elev. Co., 166 7th Street.

OAKLAND, Cal.—Board of Education has arranged for purchase of property at 24th and Market Streets on which it will erect new general shops for the school department. The present shops in East Oakland will be abandoned, because of expiration of a lease on the property.

CORNING, Tehama Co., Cal.—Corning Steam Laundry, J. Souhirou, owner, will erect new laundry building in Solano street. Plans for the structure are being prepared.

BURBANK, L. A. Co., Cal.—William Tisch of Glendale, and J. J. Stalker are planning to erect a fireproof factory bldg., 50x150 ft., in the new Fawkes tract, for the manufacture of fiber boxes with patent corner fastenings. A site 100x300 ft. has been secured.

LOS ANGELES, Cal.—The War Department sanction of plans for the proposed $115,000,000 steel plant to be constructed by the Pacific Coast Steel Co., in the harbor district has been obtained.

LOS ANGELES, Cal.—Austin Co. of California, 737 Bart Bldg., is preparing plans and has the contract to erect a 1-story and mezzanine floor factory bldg. on Alameda St. near 9th St., for the Commercial Fixture Co. Brick walls, steel frame constr., 200 by 250 ft., O. P. fls., plate glass, metal skylights, steel sash, wire glass, offices; $75,500.

FRESNO, Fresno Co., Cal.—Peoples' Ice Co., 2035 So. Broadway, Fresno, has purchased 75 ft. and 150-ft. fronting on Broadway and Woodward Avenue and will construct additions to its present plant. J. R. Erskine is manager of the company.

LOS ANGELES, Cal.—Darrell Condley Co., 520 Marsh-Strong Bldg., has been awarded the contract at about $42,000 for erecting a 2-story class A bottling plant at 1920 N Main St. for Los Angeles Brewing Co. L. A. Parker, 495 Pac. Elec. Bldg., archt. Dimensions, 125x175 ft., reinf. conc. construction, brick filler walls, comp. rfg., steel sash elevator, cork insulation, roof ventilators, wire glass.

LOS ANGELES, Cal.—Pacific Pioneer Worsted Co. is seeking a location on the harbor for a warehouse to contain approx. 200,000 sq. ft. floor space. A representative recently appeared before the Los Angeles harbor commission in an endeavor to enlist the members' aid in securing a suitable location. The project is backed by the National Wool Growers' Assn. and it is said that local banks have agreed to advance 75% on warehouse receipts. The harbor commission has taken the matter of a location for the proposed warehouse under consideration.

LOS ANGELES, Cal.—The engineering department of the Union Pacific Railway Co., Pac. Elec. Bldg., is completing plans for a 2-story class A addition to the 1-story warehouse at 6th and Clarence Sts. for Pacific Southwest Distributing Co. Dimensions, 100 by 400 ft., reinf. conc. constr., steel sash, metal skylights, 4 automobile elevators.

HUNTINGTON BEACH, Orange Co., Cal.—W. A. Golden of Santa Ana is head of a newly formed company which proposes to build a $125,000 cotton mill in the beach city. About $55,000 has already been subscribed.

LOS ANGELES, Cal.—May & Grimwood, 719 Haas Bldg., have the contract to erect a 1-story and part 2-story factory bldg. on 27th St. near Santa Fe Ave. for the Republic Brass Mfg. Co. Brick and corrugated iron walls; it will contain a total of 69,000 sq. ft. and will have a 300 ft. frontage on spur track, sawtooth roof constr., steel sash, comp. and corrugated iron rfg., steel frame constr., press. brick facing.

LOS ANGELES, Cal—Archts & Engrs Frank D. Chase Co., Inc., 533 Title Insurance Bldg., are preparing plans and have the contract to erect a furniture factory in the Central Mfg. district for the White-Smith Mfg. Co., Walter Smith, pres. Brick walls, the main bldg. will be 60x560 ft. and there will be a dry kiln, boiler room and lumber shed bldg. 50x160 ft., comp. and corrugated iron rfg., 1-sto., steel sash, metal skylights, mill constr., bldg. designed for future story.

SAN DIEGO, San Diego Co., Cal. — Alfred Stahel & Sons and the Dohrman Commercial Co., affiliated, will start work this month on a 4-story loft bldg. (with foundations to carry 8-sto.) costing in the neighborhood of $200,000 at Seventh and C Sts. The land is being cleared and ground will be broken shortly. Alfred Stahel, Jr., mgr. of the company. Ashley & Evers Mortgage Guarantee Bldg., L. A., archts.

LOS ANGELES, Cal.—Mack International Motor Truck Corp., 1628 E 7th St., have purchased a 3½-acre industrial tract on Alameda St. near Washington Blvd. and will erect a large truck storage and service plant. The bldg. will cover the entire site and will be L-shaped, 963x272 ft., 1-story and part 2-story, reinf. conc. constr., comp. rfg., steel sash, metal skylights, conc. fls., sprinkler sys., overhead hoists and elevators; $300,000.

TULARE, Tulare Co., Cal. — Tulare Co-Operative Creamery Assn. and Riverdale Co-Operative Creamery Assn., announces a $75,000 powdered milk plant will be erected in Tulare. W. J. Higdon, Tulare, is a director in the companies which will finance the project.

LOS ANGELES, Cal.—Gay Engr. Co., 2650 Santa Fe Ave., has completed plans and has the contract to erect a class A ice storage bldg. on S Main St. near 59th Pl. for Kriker Ice and Cold Storage Co. Reinf. conc. constr., 43x43 ft., 40 ft. high, comp. rfg., cork insulation, steel roof trusses. J. Harold Weller, 318 Bank of Italy Bldg., has the contract for conc. work.

LOS ANGELES, Cal.—Richards-Neustadt Const. Co., Trust & Savings Bldg. has the contract to erect a four-story Class A storage warehouse on Western Ave., near 56th St. for Western Ave Storage Co. Dimensions, 60x80 ft. reinforced concrete construction, plaster exterior, composition roofing, hollow tile partitions, metal sash, elevator, steel rolling doors. Cost, $45,000. E. L. Mayberry, 427 Pacific Electric Bldg., is the architect and engineer. There will also be a frame and corrugated iron garage, 30x40 ft., at the rear of the main building.

LOS ANGELES, Cal.—Archt. O. M. Warner, 220 Stimson Bldg., is preparing plans for a two-story factory building to be erected on 59th St. near South Park Ave., for a local client. Two-story, 50x300 ft., frame construction, corrugated iron sheeting, composition roofing, stucco front, cement floors, metal window sash, hydro-electric elevator, offices.

FLATS

Pans Being Prepared.
FLAT Cost, $13,000
SAN FRANCISCO, Francisco St.
Two-story and basement frame flat & 2 6-room flats.
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Contract Awarded.
FLATS Cost, $12,500
SAN FRANCISCO, S Lake 82-6 E 27th Avenue.
Two-story & basement frame (4) flats.
Owner — E. J. Elkington and Victor Westerlund, 1291 33rd Ave. and 589 25th Ave., San Francisco.
Contractor—Geo. J. Ellington 1291 33rd Ave., San Francisco.

Contract Awarded.
FLAT BLDG. Cost, $13,400
SAN FRANCISCO, NE Filbert & Baker.
Two-story frame flat bldg.
Owner—John McClements, 1215 Filbert San Francisco.
Contractor—W. W. Rednall, 180 Jessie St., San Francisco.

To Be Done By Day's Work.
FLAT BLDGS. Cost, $9000 each
SAN FRANCISCO, W 18th Ave. 25 & 50 S California.
Two 2-story and basement frame flat bldgs., (2 flats each).
Owner—Thos. Hamill, 6140 Geary St., San Francisco.

GARAGES

Bids Opened.
GARAGE Cost, $—
SACRAMENTO, Cal., I St., betw. 7th & 8th Streets.
Two-story reinforced concrete garage (provision made in plans for additional stories).
Owner—John Rasmussen, Sacramento.
Architect—F. A. S. Foale, Sacramento.
Following is complete list of bids received:
Campbell Construction Co., (low bidder) Nicolaus bldg., Sacramento Calif. $47,240
Fred H. Betz 47,906
Holdener Construction Co..... 47,996
Davidson & Nicolsen, Stockton.. 48,430
Chas. S. Mabrey Co..... 49,000
Wm. Murcell 49,724
Cochrane-Boehm, San Francisco 53,500
Fred Engberg 56,972

Contract Awarded.
GARAGE Cost, $47,240
SACRAMENTO, Cal. I St., between 7th and 8th Streets.
Two-story reinforced concrete garage (provision made in plans for additional stories).
Owner—John Rasmussen, Sacramento.
Architect—F. A. S. Foale, Sacramento.
Contractor—Campbell Constr. Co., Nicolaus Bldg., Sacramento.

EUREKA, Humboldt Co., Cal.—Until Jan. 15, 12:30 A. M., bids will be rec. by Arthur Frisch, 231 E St., Eureka, to erect a garage building at 4th and C streets. Plans and further information obtainable from above.

LOS ANGELES, Cal.—L. A Gas & Electric Corp., 645 S-Hill St., has prepared plans and will erect a one-story brick garage on 6th St. near Santa Fe Ave. for themselves. Dimensions, 134x 134 ft., steel frame, brick walls, corrugated iron roofing, cement floors. Cost, $50,000.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO — The following bids were opened Jan. 8th in the Supervising Superintendent's office P. O. Bldg., for lighting fixtures to be installed in the Custom House, San Francisco:
Brass & Bronze Lighting Fixture Co., San Francisco. $1255
Thomas Day & Co., S. F..... 1687
B. R. Wolf & Co., San Francisco.. 1802
Kayline Co., Cleveland, Ohio.... 1995
Roberts Mfg. Co., San Francisco.. 2349
Bids were referred to Washington, D. C.

WASHINGTON, D. C.—Bids are being received by Bureau of Yards and Docks, Navy Department, for fur. and del. supplies to Navy Yards; date for opening bids as noted at close of each paragraph:
Schedule 1742, Mare Island, 2450 chamois skins, Jan. 22.
Schedule 1744, for Puget Sound, 2,700 bs. copper pipe, Jan. 29.
Schedule 1745, eastern and western yards, miscellaneous steel wire rope, Jan. 29.
Schedule 1746, for Puget Sound, 60 electric coffee percolators, Jan. 29.
Schedule 1749, for eastern and western yards, electrical supplies, Jan. 29.
Schedule 1750, eastern and western yards, miscellaneous wash deck and suction hose, Jan. 29.
Schedule 1751, for eastern and western yards, rubber hose, Jan. 29.

SAN DIEGO, Cal.—Until Jan. 30, under Specication No. 4916, bids will be rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., to construct 3 mooring masts at San Diego, Calif., Fort Worth, Tex., and Guantanamo, Cuba, including the installation of gasoline and water storage tank, winches, pump, motors, generators, concrete work, water and gasoline piping, electrical work and a machinery house having wood frame and galvanized corrugated sheet steel roofing and siding.

NORTH HEAD, Wash.—Until Jan. 23, bids will be rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., to costruct barracks, quarters and engine house at North Head, Wash., under Specification No. 4895.

DENVER, Colo.—Until Jan. 16, bids will be rec. by Bureau of Reclamation for fur. 5,000 lin. ft. machine bandage wood stave pipe, under Specification 346-D, for Yakima project, Wash.

CHILKOOT, Alaska — Constructing Quartermaster's Office, Fort Mason, San Francisco, is preparing plans for construction of water mains in Chilkoot Pass, Alaska.

SAN FRANCISCO — Constructing Quartermaster's Office, Fort Mason, is preparing plans for concrete retaining wall to be constructed in Lyon street near Green. Project will be financed by property owners and Government.

SAN FERNANDO, Cal.—Condemnation proceedings have been instituted by the Department of Justice to obtain for the Veterans' Bureau a tract of 528 acres near San Fernando, on which it is planned to erect a Government hospital. The government considers $60,000 a suitable price for the land while the owner, Volney Craig, asks $100,000.

HALLS AND SOCIETY BUILDINGS

Terra Cotta Contract Awarded — Bids To Be Taken Shortly For Plastering, Plumbing, Heating, Painting, etc.
STORE, ETC. Cost, $1,000,000
SAN FRANCISCO, N Post St., between Powell and Mason Sts.
Thirteen-story class A store and club building.
Owner—Elks' Club.
Architect — Meyers & Johnson, 742 Market St., San Francisco.
Engineer — C. H. Snyder, 251 Kearny St., San Francisco.
Contractor — R. McLeran Co., Hearst Bldg., San Francisco.
Terra cotta awarded to N. Clark & Son at approx. $20,000.

Segregated Figures Being Taken.
BUILDING Cost, $250,000
SANTA BARBARA, Santa Barbara Co., Cal., E Cabrillo.
Three-story reintorced concrete masonic Temple bldg.
Owner—Masonic Hall Association.
Architect—Carl Werner, Santa Fe Bldg
Figures are being taken as follows:
General contract.
Concrete work
Structural steel.
Heating and ventilating.
Plumbing.
Electrical work.
Painting.
Lathing and plastering.

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Repair or New Work of any kind
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SHAFTER, Kern Co., Cal.—Woman's Club of Shafter is having plans prepared for adobe club house with auditorium 42 by 60 ft., cloak rooms, kitchen, etc. Will be erected in Jastro Park.

LOS ANGELES, Cal.—Archt. Myron Hunt, 1107 Hibernian Bldg., L. A., has been commissioned to prepare plans for improvements to be made on a 6-acre tract at Venice and Sawtelle Blvds. for the Westward-Ho Club. Plans will be prepared for alterations and additions to be made to a large residence now on the property at a cost of about $60,000. There will also be a concert bowl, tennis courts, etc. Eventually the club plans to erect a class A clubhouse to contain 500 rooms and to cost $1,000,000

HUNTINGTON PARK, L. A. Co., Cal.—Archt. James Barr, Huntington Park, has completed plans for a 3-story Masonic temple, 50x150 ft., to be erected on S. Pacific Blvd., in the 200 block. The bldg. will contain one large store bldg., with offices, auditorium, stage, kitchen, lodge rm., etc., above. Brick and steel constr., Travertine stone trim., plate glass fronts. Considerable money will be expended on the interior decorations.

ORO GRANDE, San Bernardino Co., Cal.—Archts. Morgan, Walls & Clements, 1124 Van Nuys Bldg., are preparing plans for a clubhouse to be erected at Oro Grande, San Bernardino County One-story 120x75 ft., Spanish style, cem. brick walls, plas. exter., clay tile rfg.; it will contain club rooms and sleeping rooms.

HOSPITALS

WASHINGTON, D. C.—The following bids were received December 29 by the director, U. S. Veterans' Bureau, Arlington Bldg., Washington, for construction complete, including mechanical equipment, of the U. S. Veterans' Hospital, Livermore, Calif.:

Bid. 1 Howard S. Williams, 180 Jessie St., San Francisco.
2. Reilly & Nemetz, 511 Paul Bldg., San Francisco.
3. Robert Trost, 26th and Howard Sts., San Francisco.
4. Mahony Bros., San Francisco.
5. Christenson & Anderson, 167 Hamilton Ave., Palo Alto, Calif.
6 Antonc Lettich, 365 Fell St., San Francisco.
7. T. E. Thomas, Ogden, Utah.
8. William F. Bunce, Portland, Ore.
9. Latourrette-Fical Co., P. O. Box 849, Sacramento, Calif., alternate bid on items 2, 3, and 4, total for all $215,000; (a) $2,200; (b) $3,800; (c) $4,100; (d) $4,100; (e) $4,300; (f) $4,300.
10. Lawson & Drucker, 415 Hayes St., San Francisco, prices on items 2 and 3 are in combination.
11. Stephen J. Slattery, 400 Chamber of Commerce Bldg., Denver, Colo.
12. George A. Schuster, 1035 Elsinore Ave., Oakland, Calif.
13. John W. Danforth, 70 Ellicott St., Buffalo, N. Y.
14. Austin Engineering Co., 121 E. 42d St., New York City.
15. M. E. Ryan, Redwood City, Calif.
16. F. E. Newbery Electric Co., 381 Bush St., San Francisco.
17. Butte Electrical Equipment Co., 530 Folsom St., San Francisco.
18. Roberts Mfg. Co., San Francisco.
19. Turner Co., 217 Natoma St., San Francisco, alternate bid on items 2, 3 and 4, total, $247,000; (a) $4,140; (b) $4,360; (c) $3,880; (d) $3,940; (e) $4,100; (f) $3,960; transformer to be used, General Electric Co.; earth excavation, $1.25; rock excavation, $4.50.
20. Otis Elevator Co., Washington.
21. Baker Ice Machine Co., Los Angeles, Calif.
22. American Carbonic Machinery Co., Wisconsin Rapids, Wis.
23. York Corrugating Construction Co., 832 Folsom St., San Francisco.
24. Automatic Refrigerating Co., Washington.
25. Milwaukee Steam Appliance Co., Milwaukee.
26. Filter Mfg. Co., Milwaukee.
27. James T. Ludlow, 460 Montgomery St., San Francisco.
28. Frick Co., Waynesboro, Pa.
29. John V. Boland, 721 Olive St., St. Louis.

Construction

Item 1. Buildings 1, 2, 5, 6, 7, 8, 9, 10, 12, 13, 15, 16, 17, 18, 23, 24, 25 and 26—Bid (1) $627,600; (2) $665,202; (3) $669,921; (4) $678,000.

1a. Building No. 3—Bids (1) $26,940; (2) $28,465; (3) $29,545; (4) $28,000.

1b. Building No. 4—Bid (1) $23,340; (2) $24,580; (3) $25,405; (4) $27,500.

1c. Building No 11—Bid (1) $14,840; (2) $16,400; (3) $14,691; (4) $17,500.

1d. Building No. 14—Bid (1) $15,260; (2) $16,400; (3) $14,691; (4) $17,500.

1e. Buildings Nos. 19 and 22—Bid (1) $19,880; (2) $19,600; (3) $22,690; (4) $21,500.

1f. Buildings No. 20 and 21—Bid (1) $19,880; (2) $19,600; (3) $22,690; (4) $21,500.

Time—Bid 1, 440 days; 2, 500 days; 3, 400 calendar days; 4, 345 calendar days.

Alternates

Item 8. Deduct, flat roofs—Bid (1) $5,360; (2) $4,900; (3) $2,700; (4) $4,300.

9. Add, slate enclosures—Bid (1) $1,800; (2) $200.

10. Add, patent stucco—Bid (1) $5,000; (2) $2,500; (3) $1,000.

Water Softening Plant

Item 11. Modifications, deduct—Bid (1) $1,436; (3) $850; (4) $2,070.

Plumbing, Water Distribution and Sewerage

Item 2. Buildings in item 1—Bid (5) $137,710; (6) $124,625; (7) $85,000; (8) $104,900; (9) $79,000; (10) $98,500; (11) $122,828; (19) 101,300.

2a. Building No. 3—Bid 5, add $2,264; (6) $1,700; (7) $1,480; (8) $1,790; (9) $1,600; (10) $1,520; (11) $2,706; (19) $1,540.

2b. Building No. 4—Bid 5, add $1,665; (6) $1,340; (7) $1,180; (8) $1,350; (9) $1,200; (10) $1,140; (11) $1,974; (19) $1,160.

2c. Building No. 11—Bid 5, add $2,482; (6) $2,042; (7) $1,480; (8) $1,995; (9) 1,700; (10) $1,910; (11) $2,593; (19) $1,720.

2d. Building No. 14—Bid (5), add $2,482; (6)$2,042; (7) $1,480; (8) $1,995; (9) $1,700; (11) $2,601; (19) $1,720.

2e, Buildings Nos 19e and 22—Bid (5) add $2,964; (6) $2,630; (7) $1,970; (8) $2,498; (9) $2,100; (10) $3,325; (11) $3,158; (19) $2,220.

2f Buildings Nos. 21e and 20—Bid (5) add $2,964; (6) $2,780; (7) $1,970; (8) $2,515; (9) $2,100; (10) $3,325; (11) $3,158; (19) $2,220.

Heating

Item 3. Buildings in item 1—Bid (6) $128,434; (7) $92,930; (8) $119,181; (9) $97,000; (10) $98,500; (11) $137,197; (12) $111,900; (13) $119,320; (14) $159,777; (19) $109,300.

3a. Building No. 3—Bid 6, add $2,902; (7) $2,100; (8) $2,390; (9) $1,700; (10) $1,540; (11) $2,357; (12) $1,982; (13) $2,340; (14) $3,400; (19) $2,060.

3b. Building No. 4—Bid (6) add $2,271; (7) $1,900; (8) $1,780; (9) $1,400; (10) $1,285; (11) $2,342; (12) $1,136; (13) $2,045; (14) $3,000; (19) $1,540.

3c. Building No. 11—Bid 6, add $1,508; (7) $1,400; (8) $1,170; (9) $1,400; (10) $1,030; (11) $1,569; (12) $1,458; (13) $1,607; (14) $2,400; (19) $1,120.

3d. Building No. 14—Bid 6, add $1,508; (7) $1,400; (8) $1,170; (9) $1,400; (10) $1,030; (11) $1,713; (12) $1,458; (13) $1,708; (14) $2,400; (19) $1,200.

3e. Buildings No. 19e and No. 22—Bid (6) add $1,322; (7) $1,500; (8) $1,090; (9) $1,400; (10) $1,140; (11) $2,382; (12) $2,270; (13) $1,836; (14) $2,900; (19) $1,140.

3f. Buildings No. 20e and No. 21—Bid (6) add $1,437; (7) $1,500; (8) $940; (9) $1,400; (10) $1,140; (11) $2,172; (12) $1,088; (13) $1,812; (14) $3,800, (19) $1,080.

Electric System

Item 4. Buildings in item 1—Bid (9) $46,000; (15) $45,114; (16) $48,222; (17) $68,373; (18) $53,444; (19) $45,800.

4a. Building No. 3—Bid (9) add $1,100; (15) $540; (16) $1,186; (17) $1,056; (18) $1,112; (19) $665.

4b. Building No. 4—Bid (9) add $1,400; (15) $1,558; (16) $1,495; (17) $1,173; (18) $1,825; (19) $1,750.

4c. Building No. 11—Bid (9) add $1,200; (15) $1,125; (16) $1,218; (17) $818; (18) $1,276; (19) $1,150.

4d. Building No. 14—Bid (9) add $1,200; (15) $1,125; (16) $1,220; (17) $818; (18) $1,245; (19) $1,150.

4e. Buildngs No. 19e and No. 22—Bid (9) add $950; (15) $520; (16) $1,075; (17) $612; (18) $989; (19) $860.

4f. Buildings No. 20e and No. 21—Bid (9) add $95; (15) $520; (16) $1,075; (17) $612; (18) $989; (19) $790.

4g. Manufacturer of transformer—Bid (9) Westinghouse; (15) General Electric; (16) Westinghouse; (17) General Electric; (18) Westinghouse or General Electric; (19) General Electric

Elevators

Item 5. Building No. 1—Bid (20) $2,690.

5a. Building No. 2—Bid (20) $12,000.

5b. Building No. 2—Bid (2) $8,800.

5c. Buildings No. 1e and No. 2—Bid (20) $23,490.

Ice and Refrigeration Machinery

Item 6. Complete installation—Bid (21) $19,000; (22) alternate, using carbon dioxide, $13,100; (23) alternate, $14,910; (24) alternate bids for brine system, $15,500, direct expansion system, $13,250; (25) $14,990; (26) $12,170; (27) $9,000; (28) $14,600.

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Smokestack

Item 7. Reinforced concrete stack—Bid (29) $4,271.

7a. Brick radial stack, no bid.

Unit Prices

Item 12. Earth excavation per cu yd.—Bid (1) 90c; (2) $1.40; (3) $2.50; (4) $1.50; (7) $1; (8) $2.50; (9) $5; (10) $12; (13) $4; (14) $2; (19) $1.25.

12. Rock excavation, per cu. yd.—Bid (1) $2.50; (2) $2.50; (3) $7; (4) $4.25; (6) $5; (7) $8; (13) $9; (19) $4.50.

12. Type A concrete, per cu. yd.—Bid (1) $8.60; (2) $11; (3) $13.50; (4) $15; (13) $20; (14) $10.

12. Type B concrete, per cu. yd.—Bid (1) $9.45; (2) $12.50; (3) $23; (4) $28; (13) $25.

2. Reinforcing steel, per ton—Bid (1) $98; (2) $100 ;(2) $98; (4) $105; (13) $120.

12. Earth for filling, per cu. yd.—Bid (1) 90c; (2) $2; (3) $2.50; (4) 75c; (13) $2.

12. 12 in. tile wall, per sq. ft.—Bid (1) 70c; (2) 70c; (3) 65c; (4) 60c.

12. 10 in. tile wall, per sq. ft.—Bid (1) 63c; (2) 60c; (3) 55c; (4) 54c.

12. 8 in. tile wall, per sq. ft.—Bid (1) 45c; (2) 50c; (3) 45c; (4) 42c.

12. 6 in. tile wall, per sq. ft.—Bid (1) 34c; (2) 32c; (3) 35c; (4) 32c.

12. 4 in. tile wall, per sq. ft.—Bid (1) 21c; (2) 25c; (3) 32c; (4) 26c.

Plans Being Prepared.

HOSPITAL Cost, $—

ALAMEDA, Alameda Co., Cal., SW Clinton Ave. & Willow St.

Four-sto. reinforced concrete hospital.

Owner — Alameda Sanitarium (Miss Kate Creeden, Dr. W. B. Stephens, A. W. Hall).

Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco and Central Bank Bldg., Oakland.

MODESTO, Stanislaus Co., Cal. — Wieland Bros. and Wallace H. Hubbert have the contr. and have started work on a 1-story addition to McPheetre's Hospital at Tenth and L Sts. The addition will contain additional rooms, physicians' offices, X-ray room, two treatment rooms, and a laboratory.

OAKLAND, Alameda Co., Cal.—The Board of Supervisors of Alameda County opened bids on January 7th, for the construction of a four-story reinforced concrete and terra cotta administration building and for plastering the present six three-story units of the Highland Hospital group of the Alameda County Hospital at Fourteenth avenue and Vallecito Place in Oakland. Plans were prepared by Architect Henry H. Meyers, Kohl Building, San Francisco. The following two bids were the only ones received and the contract was awarded to the Clinton Construction Company, 923 Folsom Street, San Francisco.

Clinton Constr. Co., S. F. $483,800
West Coast Constr. Co., S. F... 521,295

REDWOOD CITY, San Mateo Co., Cal.—Bids will be asked at once, to be opened probably Feb. 4, by county supervisors to erect tuberculosis pavilion at County Community Hospital. W. H. Toepke, architect, Call Bldg., San Francisco. Mrs. Elizabeth M. Kneese, County Clerk.

MERCED, Merced Co., Cal.—R. W. Brown Constr. Co., Madera, at $6,750 submits low bid to supervisors to construct tubercular ward at county hospital. Other bids, all taken under advisement, were: C. R. Thompson, $7475 C. J. Droesch, $8190; W. H. Halverson, $7635; J. E. Fritz, $7440; J. W. Spagnoli $6919; John Beckman, $7400.

VISALIA, Tulare Co., Cal.—Bids will be asked shortly by supervisors to grade new county hospital site. Plans are being completed by County Surveyor Laurence A. Moye.

SAN FERNANDO, Cal.—See "Government Work and Supplies," this issue.

HOTELS

Plans Being Figured.

HOTEL Cost, $250,000

PALO ALTO, Santa Clara Co., Cal. Cor. Hamilton Ave. and Ramona St.

Three-story reinforced concrete hotel with cement exterior and tile roof (150 rooms).

Owner—Company of Palo Alto Businessmen, A. B. Peterson, Pres. O. L.

Architect—W. H. Weeks, 369 Pine St., San Francisco, & Birge Clarke, 600 Embarcadero, Palo Alto, Assoc.

Bids are being taken for a general contract, plumbing, heating and electrical work.

Pans Being Prepared.

HOTEL Cost, $—

LONG BEACH, Los Angeles Co., Cal.

Large fireproof hotel bldg.

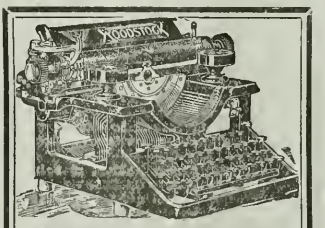
Owner—Long Beach Hotel Co.

Architect—Weeks & Day, San Francisco.

ALHAMBRA, L. A. Co., Cal.—William Grimes, pres. of the Community Hotel Corp., states that segregated bids will be taken on all contracts for the new hotel to be erected at 201 S Garfield Ave. It will contain 115 rooms. Willlam Lee Stoddart of New York and Robert B. Stacy of Hollywood are archts. for the structure, and will act as owner's agents during construction.

LOS ANGELES, Cal.—Archt. H. C. Deckbar, 1007 Wright-Callender Bldg., has completed plans and is taking bids for a 2-story class C store and hotel bldg. to be erected at Whittier Blvd. and John St. for M. Mednik; it will contain 7 stores, lobby and 70 rooms each with lavatory and 6 baths. Brick walls 93x143 ft., 2-story, tile and comp. rfg., pine and cement fls., gas rads., part basement, unit water htr., plate glass, struc. steel, rug. brick facing, roof ventilators, metal skylights, ornam. balconies; $63,000.

SAN PEDRO, L. A. Co., Cal.—Archt. Marshall R. Lawson is completing plans for a 200-room hotel, 4 stories in height, to be erected at Pacific Ave. and 11th St. Est. cost $250,000. The first floor will contain large lobby and stores. The B. O. McCormick realty Co. is financing the structure.



Mr. Architect or Builder

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(46951) 1st report June 13; 2nd Oct. 24, 1923. 10

LOS ANGELES, Cal.—Archts. Pierpont and Walter S. Davis and H. W. Bishop, assoc., Wilshire Blvd and Fairfax Ave., are completing revised plans for a 2-story and part 3-story class C hotel bldg. to be erected at Carthay Center for the J. Harvey McCarthy Co., H. W. Hellman Bldg.; it will contain 90 rooms each with bath, lobby, dining-room, kitchen, etc. Brick walls, 2-story and part 3-story, basement, tile rfg., steam htg. sys., water storage htr., plaster exter., O. P. and hardw. fls., tile baths, struc. steel, O. P. and hardw. trim. Bids will be taken in about 2 weeks.

HOLLYWOOD, L. A. Co., Cal.—Archt. S. B. Birds, 310 Frost Bldg., has completed plans for a 96-room class C hotel bldg. to be erected at 5542 Santa Monica Blvd. Owner's name withheld. Four stories, 175x50 ft., brick walls, press. brick facing, comp. rfg., ornam. iron work, elevator, vapor steam htg., hardwood and pine fls. and trim, 75% baths; $100,000. Owner arranging construction.

CALEXICO, Imperial Co., Cal.—Archt Albert C. Martin, 228 Higgins Bldg., L. A., is preparing plans for a three-story class A hotel and store bldg. to be erected at Calexico for W. A. Skinner. Dimensions, 136x145 ft., stores in first story, 100 hotel rooms, each with private bath or shower, in the upper stories; reinf. conc. constr., cem. plas. and cast stone exter., plate glass windows, marble and tile work, pine trim, steam htg.; $150,000.

LOS ANGELES, Cal. — Archt E. E. Rust, 623 Black Bldg., has prepared plans for a 4-story class C store, office and hotel bldg. to be erected at San Fernando for Munn & Poppleman. Dimensions, 50x90 ft., 4 stores, 12 offices, 26 hotel rooms and 13 baths; brick walls, cast stone and press. brick exter, plate glass, structural steel, comp. rfg., tiled baths, gas rads., water htr., elevator; $75,000.

FRESNO, Fresno Co., Cal. — R. M. Lesher of Los Angeles is reported to have acquired 80 acres of land and 17 lots at Miramonte, 40 mi. above Fresno, as the site for a mountain resort, including hotel costing $150,000, dam costing $15,000, boulevards, parks, dance hall, etc. Total expenditures planned, $350,000. The property was purchased from W. Harding of Los Angeles.

LOS ANGELES, Cal.—Archt. John J. Frauenfelder, 1116 Story Bldg., is preparing working drawings for a 6-story and basement class A hotel bldg. to be erected on Vermont Ave. near 1st St. for J. J. Warwick and Dr. C. M. C. Walters. Dimensions, 100x140 ft.; reinf. conc. constr., 125 rooms, press brick and terra cotta exter., marble and tile work, tiled baths, steam htg., elevators; $250,000.

Archt. John J. Frauenfelder, 1116 Story Bldg., is preparing plans for a group of bldgs. to be erected at Saboba Hot Springs, near San Jacinto, for J. B. Althouse. There will be a hotel, 225 ft. long, to contain 100 rooms; large bathhouse, and 20 cottages of 2 to 4 rms. each; constr. will probably be of hollow tile; $300,000.

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SANTA BARBARA, Santa Barbara Co., Cal.—Ole Hanson, Pacific Finance Bldg., A. C. Blumenthal, Loew State Theatre Bldg., H. H. Cotton, Merchants Natl. Bank Bldg., and assoc., have purchased the Ambassador grounds at Santa Barbara and will subdivide it, they also contemplate erecting a large hotel and several residences at once. They announce that a Santa Barbara archt. will draw the plans.

ANAHEIM, Orange Co., Cal.—C. W. Blattner of Anaheim, C. E. Price, and their associates, are planning a pretentious resort at Le Vida Hot Springs in Carbon Canyon. Plans include the erection of a large hotel, bath house, natatorium, and a series of cottages; total cost, $100,000. There is at present a hotel on the 20-acre property, and this will be remodeled, work to start at once.

POWER PLANTS

SAN FRANCISCO — Board of supervisors will set date shortly to vote bonds to finance construction of municipal distribution system for Hetch Hetchy power, and to include, probably sufficient money for the development of the Hetch Hetchy water project under the Baker Act. M. M. O'Shaughnessy, city eng.

SPOKANE, Wash. — Washington Water Power Co. will expend during 1924, approx. $2,000,000 for additional power lines and betterments to service. Program includes const. of new 110,000 volt transmission line to west from Long Lake power station, joining existing western lines at Stratford also for line from Neppel to Taunton, joining the existing high tension line to the west, known as Intermountain line. A third line will be constructed from Long Lake to Spokane.

SAN FRANCISCO. — Pacific Coast Steel Co., Rialto Bldg., submits low bid to Bd. Pub. Wks. to fur. and del. transmission line towers for Moccasin Creek Power House, Hetch Hetchy project. Moore Drydock Co., only other bidder. Referred to City Eng. M. M. O'Shaughnessy for report.

PUBLIC BUILDINGS

Sketches Being Prepared.
BUILDINGS Cost, $90,000
BERKELEY, Alameda Co., Cal., State Blind School.
Fireproof buildings.
Owner—State of California.
Architect—Geo. B. McDougall, Forum Bldg., Sacramento.

SELMA, Fresno Co., Cal.—Squire Cooper, Selma, at $9,175 awarded cont. by city trustees to erect city hall. J. R. Henderson, architect, Tulare, Calif.

LOS ANGELES, Cal.—Until 11 a. m., Feb. 4, bids will be received by the board of supervisors for furnishing and erecting the granite work for the new Hall of Justice building at Broadway and Temple Sts.

LOS ANGELES, Cal.—Llewellyn Iron Wks., Main and Redondo Sts., submitted low bid to county supervisors Jan. 7, at $193,750, for furnishing and erecting structural steel and iron work for Unit No. 1 of the Museum of History, Science and Art, at Exposition Park. The bldg. will have 3 stories and basemane, 150x200 ft. Other bids were: U. S. Steel Products Co., $213,778; W. B. Kyle, $219,800; Moore Dry Dock Co., $242,412; Baker Iron Works, $249,735.

RIVERSIDE, Riverside Co., Cal. — George Herz Co., San Francisco, was awarded gen. cont. at $71,786 to erect a 2-story class A Spanish city hall at cor. 7th and Orange Sts., Riverside, for the city of Riverside; it will contain bedside city offices, large room for civic museum. Howard E. Jones, 405 Katz Bldg., San Bernardino, archt. Reinforced concr. constr., basement, tile rfg., plaster exter., 80x70 ft., ornam. iron balconies. Other contracts awarded were: Plumbing, C. E. Stansell, Riverside, $3050.05; electric wiring, Field Elec. Co., San Bernardino, $7100; painting, Ruhnau, Riverside, $4550; gas htg. Pacific Gas Appliance Co., San Bernardino, $2638.

LOS ANGELES, Cal.—Chas. G. Willis & Son, 2119 E 25th St., were low bidders at $45,895 for rough grading and preliminary excavating on new central library bldg. on Normal hill site, Fifth St. and Grand Ave. The bids were: Chas G. Willis & Son, $45,895, (1) for extra work not mentioned $.75 per cu. yd.; (2) for stacking stone on site, $150; L. E. Edwards, $51,000; (1) 80c; (2) $1000; C. A. Edwards, $51,500; (1) 80c; (2) $100; Roth & Brown, $51,560; (1) 85c; (2) $500; Los Angeles Excavating Co., $52,175; (1) 80c; (2) no bid; J. R. McKnight, $68,227; (1) $1.03; (2) $2000. Bids taken under advisement.

SANTA ANA, Orange Co., Cal.—Until 11 a. m., Jan. 29th, bids will be received by county supervisors for the erection of a county jail, including heating and ventilating, electric wiring, plumbing, and jail equipment. Bids are to be submitted on the general contr. and on the other contracts mentioned above. Plans and spec. may be obtained from the architect, Frank Benchley, Fullerton, upon deposit of $25. Cert. check or bond 5%. J. M. Backs, county clerk, and clerk of the board. Est. cost $200,000.

SAN FRANCISCO—The State Board of Harbor Commissioners opened bids on Jan. 10th for furnishing materials and labor for the work of laying tile or marble floors in the first floor waiting rooms in the Ferry Building.

Bids were taken under advisement for a week. Following is a complete list of the bids:

P. Grassi, 1945 San Bruno Ave. San Francisco	$23,775
Rigney Tile Co.	24,409
Scott Co.	28,213
J. E. Back	30,115
Mission Marble Co.	31,541
Art Tile & Marble Co.	31,700
Jos. Musto Sons	32,968
Eisele & Dondero Marble Co.	34,553
American Marble & Mosaic Co.	41,200
Mallott & Peterson 60c, 62c and 79c per sq. ft.	
Mangrum & Otter $1.15 sq. ft.	

SAN BERNARDINO, San Bernardino Co., Cal.—Archt. Howard E. Jones, 405 Katz Bldg., San Bernardino, has submitted to the county supervisors plans for the new addition to the county court house. The board will approve plans and advertise for bids, but has promised to take no action until Feb. 17, the limit of the 60 days allowed the chamber of commerce to promote a bond issue for an entirely new court house.

LOS ANGELES, Cal.—Llewellyn Iron Wks., Main and Redondo Sts., was awarded contract by county supervisors Jan. 7, at $180,000, for furnishing and installing elevators in the new Hall of Justice bldg. at N Broadway, Temple and Buena Vista Sts. Bids were rec. on Dec. 3, when Burnett Mfg. Co. submitted low bid but upon advice of the county counsel that the board was permitted discretionary powers regarding the award, the board decided to award the contract to the Llewellyn Iron Works.

RESIDENCES

Contract Awarded.
RESIDENCE Cost, $11,000
BERKELEY, Alameda Co., Cal. NW Hawthorne Terrace and Vine Path.
Two-story 6-room frame residence.
Owner—Frederick McFarlan, Glengay Apts., Ridge Road & Le Roy Ave., Berkeley.
Architect—J. White, 35 Montgomery St., San Francisco.
Contractor—W. Livingston, 2918 Ellis St., Berkeley.

Plans Completed—Owner to Take Figures.
BUNGALOW Cost, $5,000
SAN FRANCISCO. Harper Street 75 S Randall Street.
One-story 5-room frame bungalow.
Owner—M. J. Kelly, 22 Harper St., San Francisco
Architect—R. R. Irvine, Call Bldg., San Francisco.

Plans Being Prepared.
BUNGALOW Cost, $6,000
SAN FRANCISCO. Richmond District.
One-story 5-room frame bungalow.
Owner—Mrs. J. E. Wilson, 1396 42nd Ave., San Francisco.
Architect—R. R. Irvine, Call Bldg, San Francisco.

Contract Awarded.
RESIDENCE Cost, $10,000
BERKELEY, SE Hilgard & Le Roy.
Two-story 9-room frame residence.
Owner—Alfred W. Benedict, Dwight Way, Berkeley.
Architect—Geo. Rushforth, 354 Pine St., San Francisco.
Contractor—Thos. A. Cuthbertson, 1766 12th Ave., San Francisco.

To Be Done By Day's Work.
RESIDENCE Cost, $12,000
SAN FRANCISCO, NW Santa Clara Ave and Terrace Drive.
Two-story and basement frame residence.
Owner—S. A. Born Bldg. Co., Monadnock Bldg., San Francisco.

Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
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JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

SCHOOLS

Plans Being Figured—Bids Close Jan. 18, 1923.
COLLEGE BLDGS. Cost, $200,000
SACRAMENTO, Cal., Y and 21st St.
Two 2-story concrete brick or hollow tile college buildings.
Owner—Christian Brothers, Martinez.
Architect—Christian Brothers College, Martinez.
Plans may be obtained from architect H. A. Minton, 852 Monadnock Bldg San Francisco.
Bids are being taken for a general contract for brick, concrete or hollow tile construction and will be opened at St. Marys College in Oakland on January 18th.

Bids Being Taken.
SCHOOL BLDG. Cost, $200,000
LIVINGSTON, Merced Co., Cal.
One-story reinforced concrete high school building with auditorium.
Owner—Merced Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Figures are being taken for a general contract. The date of opening bids will be announced later. Plans may be obtained from the architect.

Commissioned To Prepare Plans.
SCHOOL Cost, $—
WOODLAND, Yolo Co., Cal.
Brick and concrete high school (to replace structure destroyed by fire).
Owner—Woodland High School Dist.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Plans Being Figured—Bids Close Jan. 29, 1924.
REMODEL. Cost, $50,000
TAFT, Kern Co., Cal.
Remodel brick building for science bldg (tile work, glass, marble wk. etc.)
Owner—Taft Union High School.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Plans may be obtained from the architect.

BERKELEY, Alameda Co., Cal.—The Berkeley Board of Education received bids and awarded a contract to J. P. Michelsen, 1638 Alcatraz Ave., Berkeley, for the construction of a two-room school bungalow at the University Elementary School, situated on Rose and Walnut Streets. Plans by Architect Jas. W. Plachek.

J. T. Michelsen	$1750
Hugh Martin	1850
Conner & Conner	2050
A. Loprest	2265
Wm. Murch	2658

SAN FRANCISCO.—Until Jan. 23, 3 p. m., bids will be rec. by Board of Public Works for alterations to O'Farrell street police station in O'Farrell St., bet. Divisadero and Broderick Sts. General contract work estimated to cost $8000 and plumbing $2800. Separate bids are wanted. Plans obtainable from Bureau of Architecture, 2nd floor City Hall.

RIO VISTA, Solano Co., Cal.—Bids were received on January 3rd as follows by Geo. H. Lent, clerk, Rio Vista Joint School District to erect three additional classrooms at school site (frame and concrete construction). Dean & Dean, City Library Bldg., Sacramento, are the architects.
The contract was awarded to the Campbell Construction Co. of Sacramento.

Campbell Constr. Co., Sacto.	$11,376
Frank Lamb, Vallejo	12,220
F. H. Betz, Sacramento	12,458
Wm. Murcell, Sacto	12,628
A. Bitcon, Vallejo	12,977
Chas. Mabrey Co.	13,176
F. H. Warren, Vallejo	13,540
H. W. Robertson, Sacto.	13,598
Herndon & Finnigan, Sacto.	14,373
Holdener Constr. Co., Sacto.	14,952

PASADENA, Cal.—Board of Education has approved proposal to establish a junior college under State law passed in 1921.

CHICO, Butte Co., Cal.—Leon Williamson, Durham, Calif. at approx. $685 awarded contract for furnishing materials and labor for 2-acre irrigation system at Chico high school. Other bids: Valley Conc. Pipe Co., $1046 with alt. bid of $942; Valley Const. Co., $1985 Chas. Self, $1287; J. F. Orendorft, $1,138.40.

SAN FRANCISCO—Golden Gate Iron Works, general contractors, to furnish fabricate and erect steel and cast iron work for addition to High School of Commerce in North side of Fell St., bet. Van Ness Ave. and Franklin has sublet the structural steel to the U. S. Steel Products Co., and the Bethlehem Steel Co., and the cast iron bases to the Phoenix Iron Works.

SAN FERNANDO, L. A. Co., Cal. — Jas. W. Johnson, 811 S Orange Grove Ave., Pasadena, has the contract to erect a dormitory bldg. in the San Fernando Valley for the McKinley Home for Boys. Lymann Farwell, archt. The bldg. will be 2-story 120x46 ft., with end wings to accommodate 72 boys; hollow conc. wall constr., stucco exter, clay tile rfg., pine trim; $75,000.

MERCED, Merced Co., Cal. — Until Jan. 14, 10 a. m., bids will be rec. by C. G. Lane, clerk, Madison School District, to erect 4-room school on Lot 37 Ballico Townsite. Cert. check 10% payable to clerk req. Plans and further information obtainable from clerk of district, Box 75, Delhi, Calif.

TAFT, Kern Co., Cal.—Bids will be received on January 29th by the Board of Trustees of the Taft Union High School District for gymnasium equipment, stage curtain, equipment and chairs for the present gymnasium. Plans may be obtained from the architect W. H. Weeks, 369 Pine St., S. F.

SAN FRANCISCO—Until Jan. 21, 3 p. m., bids will be rec. by Leonard S. Leavy, city purchasing agent, Rm. 270 City Hall, for fur. and del. tables for school department. Specifications and further information obtainable from above.

LOS ANGELES, Cal.—Archts. Hudson & Munsell, 444 Douglas Bldg., have completed plans for an eight-room addition to the Murchison St. School, for the Board of Education. It will be brick construction. Cost, $64,000.

The third annual conference of the Pratt Building Material Company and the Pratt Rock & Gravel Company is to be held in Sacramento for two days, beginning tomorrow, it was announced today by Clarence F. Pratt, president of both companies.

Representatives of the companies from San Francisco, Sacramento, Marysville, Folsom and Monterey will be present, including superintendents, assistant superintendents and other office employes.

A banquet and jinks will feature the conference tomorrow night at the Hotel Sacramento, at which Sacramento and San Francisco Rotarians will be speakers. Among the speakers will be W. I. Elliott, president of the Sacramento Rotary Club; Joseph H. Stephens, R. D. Williams and Fred Conner of Sacramento, and Coleman Cox, Rotarian and author of San Francisco.—Sacramento Bee, January 3, 1924.

An optimistic outlook for 1924 building conditions in the State of California and especially in Sacramento, was the forecast of Clarence F. Pratt, president of the Pratt Rock & Gravel Company, which held its third annual conference banquet and jinx at the Hotel Sacramento last night. Pratt acted as toastmaster at the banquet, and before he introduced other speakers, gave his annual message to the members of the executive board who attended the meeting.

Today, the seventy people, who attended the conference, will go to the new $250,000 rock plant at Folsom. Following the inspection of the new plant, the executives will go to San Francisco.

Representatives of the organization from San Francisco, Marysville, Sacramento, Monterey and Folsom were present last night.—Sacramento Union, January 5, 1924.

READ THE above stories.
* * *
FROM THE Sacramento Bee.
* * *
AND THE Sacramento Union.
* * *
THE CONFERENCE was a success.
* * *
SANDY PRATT is sure.
* * *
THAT IT pays.
* * *
TO HAVE your employees.
* * *
SIT AROUND the table.
* * *
AND TALK about conditions.
* * *
KNOWN TO them only.
* * *
THEY BUILD your business.
* * *
AND MUCH of the success.
* * *
OF CLARENCE Sand Pratt, President.
* * *
OF THE Pratt Building Material Co.
* * *
PRODUCERS OF rock and sand.
* * *
IS DUE to the co-operation.
* * *
OF SANDY'S wonderful assistants.

SO NOW Sandy's company.
* * *
IS READY for another year.
* * *
OF ACTIVITY and business.
* * *
AND SANDY says.
* * *
TO ALL his co-workers.
* * *
"I THANK you."

Sandy Pratt, producer of clean, sharp rock and sand, and President of the Pratt Building Material Co. and the Pratt Rock & Gravel Co., making his annual address at the Hotel Sacramento. The "sand man" (Sandy Pratt) put them to sleep.

BANKS, STORES & OFFICES

Completing Plans—Ready For Figures In Three Weeks.
STORE BLDG. $30,000 to $40,000
RICHMOND, Contra Costa Co., Cal., NW Macdonald Ave. and 9th St.
Two-story and mezz. floor reinf. concrete and brick department store building.
Owner—J. Albert, of Alberts Inc., San Rafael and Richmond.
Architect—Jas. T. Narbett, 910 Masdonald Ave., Richmond.

Plans Being Prepared—Cont. Awarded.
STORE Cost, $250,000
OAKLAND, Downtown District.
Four-story and basement class C loft and store building.
Owner—Withheld.
Architect—Withheld for present.
Contractor—Chas. W. Heyer Jr., Mills Bldg., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $24,981
SAN FRANCISCO, 253 Geary St.
Alter for show store.
Owner—Frank Werner Co., 253 Geary St., San Francisco.
Architect—Ward & Blohme, 454 California St., San Francisco.
Contractor—Fink & Schindler Co., 226 13th St., San Francisco.

Granite Bids Being Taken.
OFFICE BLDG. Cost, $1,500,000
SAN FRANCISCO, SE Market & Beale streets.
Seventeen-story and basement class A brick, steel and concrete office building.
Owner—Pacific Gas & Electric Co.
Architect — Bakewell and Brown, 251 Kearny St., San Francisco.
Consulting Engineer — C. H. Snyder.
Consulting Mechanical Engineer — Hunter & Hunter.
Figures are being taken by Mr. Mahoney of the P. G. & E. Purchasing Department.

Plans To Be Prepared.
STORE & OFFICE Cost, $20,000
SAN FRANCISCO, N Market St. 45 W Van Ness Ave.
Two-story reinf. concrete store and office bldg.
Owner—W. G. McDiarimd, 3210 22nd St., San Francisco.
Lessee—Morrill Estate Co.
Architect—Not decided.

Contract Awarded
STORES & LOFTS Cost, $55,000
SAN FRANCISCO, 601 Mission St.
Repair fire damage to store and lofts.
Owner—H. Rosenthal, 180 Jessie St., San Francisco.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco.

Planned.
OFFICE BLDG. Cost $—
SAN FRANCISCO, not selected.
Large class A office bldg.
Owner—S. F. Chamber of Commerce.
Architect—Not selected.
The committee of 150 men are working on the preliminary details.

Plans Completed.
EXCAVATE ETC. Cost, $9000
SAN FRANCISCO, 222 Powell St.
Excavate for basement; install posts; piers; construct flooring; new store front; cement plastering, etc.
Owner—"Worths" care architect.
Architect—Bernard J. Joseph, 74 New Montgomery, San Francisco.

Plans Being Prepared.
ALTERATIONS Cost, $200,000
SAN FRANCISCO, NW 22nd and Mission Streets.
Alter 3-story store and office bldg. & erect a 1-story class B market bldg 150 by 75.
Owner — O'Brien-Kiernan Realty Co., Alexander Bldg., San Francisco.
Architect—A. H. Knoll, Hearst St., San Francisco.

Figures To Be Taken Next Week.
ALTERATION Cost, $25,000
OAKLAND, Alameda Co., Cal., Broadway, Franklin and Hobart Sts.
Alter 2-story class C store bldg.
Owner—Withheld.
Architect—A. H. Knowles, Hearst Bldg San Francisco.

Contract Awarded.
ALTERATION Cost, $11,000
OAKLAND, 517 14th St.
Alter 4-story and basement store bldg.
Owner — Mosbachers Cloak & Suit House.
Architect—Morrow & Garren, Dalziel Bldg., Oakland.
Contractor — Murch-Williams Constr. Co., Fox Bldg., Oakland.

DELANO, Kern Co., Cal.—See "Theatres," this issue.

SAN DIEGO, San Diego Co., Cal. — Archt. Ashley & Evers, 518 Mortgage Guarantee Bldg., and 58 Sutter St., San Francisco, are preparing plans for store and loft bldg. to be erected at s.w. cor. C and 7th Sts., San Diego, for the Dobrman Commercial Co. of San Francisco .Reinf. conc. constr., 4-story and basement, comp. rfg., press. brick facing, cement and hardw. fls., plate glass, elec. elevator, struc. steel, probably sprinkler sys., ornam. iron work, steel sash, metal skylights; $150,000.

SAN FRANCISCO — O'Brien & Kiernan Inv. Co., Alexander Bldg., S. F., have taken a 99-year lease on the property on the NW cor. of 22nd and Mission Streets and at the expiration of the present leases will erect a class A building. At present one of the stores will be altered for the "Buy For Less Market".

LOS ANGELES, Cal.—Archt. Albert C. Martin, 228 Higgins Bldg., is preparing plans for a 3-story and basement class C store and loft bldg. to be erected on Figueroa St. bet. 8th and 9th Sts; owner's name withheld. Dimensions, 50x160 ft; brick walls, press. brick and terra cotta facing, plate glass, steel beams, comp. rfg., fire escapes, steel sash, metal skylights, maple fls., 2 elevators, sprinkler system in basement.

LOS ANGELES, Calif. — Preston S. Wright Co., 3981 W 6th St., has prepared plans and will erect a 2-story brick store bldg. at s.w. corner of 7th and Carondelet Sts. Dimensions, 99x69 ft., brick walls, cem. plas. and cast stone exter., clay tile rfg., plate glass windows, steel beams, wood and cem. floors; $65,000.

LOS ANGELES, Cal.—Archt. Edward Cray Taylor and Ellis Wing Taylor, engr., 713 8th St., have completed preliminary plans for a 12-story class A store, office and loft bldg., to be erected on w side of N Broadway opposite Court St. for M. Lombardi and Chas. Picco; it will be known as the Law Bldg. and will contain 2 stores and barber shop on first fl. with offices and lofts above. Reinf. conc. or steel frame constr., 45x100 ft., press. brick and terra cotta facing, steam htg. sys., sidewalk lift and 2 elec. elevators, steel sash, meatl skylights, tiled toilets, comp. rfg., ets. It is planned to build 8 stories at once.

LOS ANGELES, Cal.—Edwards, Wildey & Dixon, 515 Black Bldg., were low bidders and will be awarded the contract to erect a 13-story class A office bldg. at the s.e. cor. 7th and Spring Sts. for Cahn McCabe Co. S. Tilden Norton and Frederick Norton and Frederick H. Wallis, 716 S. Spring Sts., archts. Steel frame constr., 58x135 ft., press. brick and terra cotta facing, 3 elec. elevators, comp. rfg., hollow tile partitions, tile and marble work, plate and wire glass, metal skylights, copper store fronts, steam htg. system, etc.

LOS ANGELES, Cal—Salih Bros. detwiler Bldg., have the contract at about $45,000 for a 1-story top addition to store bldg. at 635 S Broadway, for Harry Fink & Co. Rudolph Falkenrath, Jr 202 Detwiler Bldg., archt. Brick walls, 40x120 ft., comp. rfg., plate glass front, metal skylights, maple fls., struc. steel new elec. elevator, hollow metal sash, leaded glass, marble and tile wk, caen stone, decorating and plastering.

LOS ANGELES, Cal. — Archts. Kenneth Macdonald Jr., & Co., Brack-Shops Bldg., are preparing plans for a 12-story and basement class A store, loft and office bldg. to be erected on the s.w. cor. of 7th and Flower Sts., for a local syndicate which has secured a 99-year lease from Mrs. Mary Wilson Young. Dimensions, 110x165 ft., reinf. concrete construction, brick filler walls, press. brick and terra cotta exterior facing, plate glass, marble and tile work, hardwood trim, steam htg., elevators, vacuum cleaning; $1,200,000. Plans will be completed and ready for bids in 30 days.

LOS ANGELES, Cal.—See "Theatres," this issue.

SAN FRANCISCO — A. F. Rousseau has purchased a lot on S Market 225 E 7th St. and will erect a store and office building when the present leases expire.

THEATRES

Preliminary Plans Being Prepared.
THEATRE Cost, $120,000
SACRAMENTO, Cal., Corner 33rd St. & Sacramento Blvd.
Class A motion picture theatre.
Owner—M. Blumfield, San Francisco.
Contractor—Reid Bros., 105 Montgomery St., San Francisco.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 228 Higgins Bldg., is taking bids for the pipe organ and chimes to be installed in the new St. Vincent's church bldg. being erected at Figueroa and Adams Sts.

DURO
California Cedar Products Co.

All-Key Plaster Lath
(Patented)
100% Mechanical Key.

Plaster Wall Board
(Patent applied for)
The Last Word in Wall Board.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

LOS ANGELES, Cal.—Archt. John J. Frauenfelder, 1116 Story Bldg., is preparing working plans for a class A theatre and office bldg. to be erected on Vermont Ave. near 1st St., for J. J. Warrick and C. M. C. Walters. Three-story, 90x145 ft., seat 900; reinf. conc. constr; $350,000.

INGLEWOOD, L. A. Co., Cal.—Archt. Leonard L. Jones, 603 Grosse Bldg., L. A., preparing plans for a class C theater bldg. to be erected at Inglewood, for Arthur Bennett; it will have a seating capacity of 1200 people & 2 stores. Brick walls, 75x150 ft., press. brick facing, comp. rfg., ccm. and hardwood floors, plate glass, steam htg. and vtg. system, struc. steel, basement, etc.

MONTEREY PARK, L. A. Co., Cal. — Archt. Leonard L. Jones, 603 Grosse Bldg., L. A. is preparing plans for a class C theatre bldg. to be erected at Monterey Park for Mr. Campbell; it will have a seating capacity of 800 people and there will be 8 stores. Brick walls, press. brick facing, 210x116 ft., comp. rfg., wood roof trusses, plate glass, metal skylights, cement and pine fls., gas. htg., vtg. sys., steel sash, struc. steel.

DELANO, Kern Co., Cal.—Archt Chas Biggar, Bank of Italy Bldg., Bakersfield, has completed plans for a 1-story bank bldg., 75x150 ft., to be erected in Delano on lots adjoining the post-office for the Growers' Security Bank. There will be a theatre in the new bldg. The theatre has been leased to Frank Panero. Est. cost $50,000.

OCEAN PARK, L. A. Co., Cal.—Engineering Service Co., 1316 Washington Bldg., is preparing plans for rebuilding the pier, theater bldg. and dance pavilion which were recently destroyed by fire at Ocean Park for the West Coast Pier Co. The pier will be of creosoted pile constr. with conc. deck. Details of constr. of the bldgs. has not been determined. The cost will be about $500,000. Other constr. work will be decided upon shortly.

WHARVES AND DOCKS

SACRAMENTO, Cal.—City commissioners reject bid of Frederickson & Shannon, Cory Bldg., Fresno, to construct concrete decks for municipal wharf. Bids was $43,000. Est. of City Eng. Albert Givan. $37,500. Construction order by day labor under supervision of city eng.

MISCELLANEOUS BUILDING CONSTRUCTION

Preliminary Plans Being Prepared.
ADDITION Cost, $—
BERKELEY, Alameda Co., Cal., Channing Way near Shattuck Ave.
Four-story class C addition to exchange building.
Owner—Pacific T & T Co.
Architect—E. V. Cobby, 333 Grant Ave. San Francisco.

Plans Being Figured—Bids Close Jan. 15, 8 P. M.
FIREHOUSE Cost, $—
ALAMEDA, Alameda County Calif. Pacific Ave. and Grand St.
Frame and stucco bungalow firehouse.
Owner—City of Alameda, W. E. Varcoe city clerk.
Architect—Carl Werner, 605 Market St. San Francisco.
See call for bids under official proposal section in this issue.

Contract Awarded.
EXCHANGE BLDG. Cost, $70,000
RICHMOND, Contra Costa Co., Cal. MacDonald Ave. and 21st St.
Two-story steel frame and reinforced concrete exchange bldg.
Owner—Pacific Telephone & Telegraph 333 Grant Ave., S. F.
Architect—E. V. Cobby, 333 Grant Ave. San Francisco.
Contractor—W. G. Thornally, 351 12th St., Oakland.

Preliminary Plans Being Prepared.
ADDITION Cost, $—
ELMHURST, Alameda Co., Cal.
One-story brick and frame addition to exchange bldg.
Owner—Pacific T. & T. Co.
Architect—E. V. Cobby, 333 Grant Ave San Francisco.

Contract Awarded.
EXCHANGE BLDG. $100,000 approx.
SANTA ROSA, Sonoma Co., Cal., 2nd and B Streets.
Three-story and basement steel and reinforced concrete exchange bldg.
Owner—Pacific Tel. & Tel. Co.
Architect—E. V. Cobby, 333 Grant Ave. San Francisco.
Contractor—Monson Bros., San Francisco.

Bids In and Under Advisement.
EXCHANGE BLDG. $75,000 approx.
RICHMOND, Contra Costa Co., Cal. MacDonald Ave. and 21st St.
Two-story steel frame and reinforced concrete exchange bldg.
Owner—Pacific Telephone & Telegraph 333 Grant Ave., S. F.
Architect—E. V. Cobby, 333 Grant Ave. San Francisco.

LOS ANGELES, Cal.—The 1924 Budget of the Union Pacific Railway Co. includes appropriations for additional bldgs. at East Yard, east of Belvedere gardens. Work will include an 11-stall brick addition to roundhouse to cost $70,000; frame and corru. iron warehouse, 40x300 ft., to cost $18,000; frame and corru. iron bldg., 40x100 ft., to cost $10,000; frame and corru. bldg. for constr. depts. to cost $55,000; and lavatory bldg. to cost $11,000.

SAN FRANCISCO—Western Tallow Co., 1599 Evans Ave., files application with supervisors seeking permit to install 200-h. p. boiler and 2000-gal oil storage tank at NE Davidson and Lane Sts.

SAN BERNARDINO, San Bernardino Co., Cal.—John G. Willits will start work this month on a 2-story reinf. conc. bakery bldg., 75x150 ft., at Third and B Sts. for himself. Est. cost of bldg., $50,000. The property was bought through the F. E. Page Agency.

SAN FRANCISCO — Constructing Quartermaster's Office, Fort Mason, is preparing plans for construction of retaining wall in Lyon street near Green St. Project will be financed by property owners and Federal Government.

LOS ANGELES, Cal.—Archt. and Engineer Truesdell & Newton, 305 San Fernando Bldg., have completed plans for a war memorial statue to be erected in Pershing Square at 6th and Hill Sts.; it will be a large bronze figure of a doughboy mounted on a granite base 8 ft. square, 10 ft. high, with bronze tablet. Bids are now being taken on the granite base.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from Domestic and Foreign Trade Bureau of the Chamber of Commerce, Merchants Exchange Bldg., San Francisco:

D-1006—New York, N. Y. Engineering firm desires to secure sales representative in close touch with the building trades and who understands building construction, to handle their steel building specialties.

D-1007—New York, N. Y. Manufacturers representatives wish to represent local concerns in New York. Can furnish best references.

D-1008 — Madison, Wis. Sales company wishes to act as selling distributor or stock depot or both for local concerns, with high grade lines, in Wisconsin, Northern Illinois and Eastern Iowa.

D-1011—Seattle, Wash. Party desires to represent manufacturers in the Northwest and other territory, calling on jobbers and large retail trade.

D-1015—New Orleans, La. Firm desires quotations on costs, terms and freight rates from manufacturers of veneer panels.

D-108—New York, N. Y. Manufacturing concern wishes to secure San Francisco representative to handle ventadoor. Prefer agent who has some acquaintance with architects.

7756—Kobe, Japan. Large import-export house desires connections with importers of brushes of all kinds; momi chests and veneer chests. They wish to import from San Francisco lumber, machinery, iron and steel products.

7757—Great Britain. Firm of British manufacturers desires a market in this district for the sale of sanitary polishes, such as floor polish, motor car polish, boot polish, harness composition, furniture cream, etc.

7759 — Great Britain. British manufacturers desire to sell their stainless steel spurs in this district.

(Continued on Page 23)

MEDUSA
WHITE CEMENT

LOW PRICES
FRESH STOCK

Pacific Materials Co.
525 Market Street San Francisco

Leads for Business

ACCOUNTANTS—A. C. McCloskey, 259 Geary to 220 Montgomery.
ATTORNEYS—L. C. Rogers, 1 Montgomery to 79 Post.
AUTOMOTIVE — McGill & Woodman and Sunset Motor Equipment Co. (W. S. Lewis), 1416 Bush to 731 Polk.
Boyer-Brouillet Motor Co., (C. A. Boyer, Ray Brouillet), 1414 Van Ness Avenue.
BILLIARDS AND POOL—J. C. McCann 1st.
BOOKS AND STATIONERY — News stand 193 Eddy.
CANDY—Parisian Candy Factory, 258 to 312 Kearny.
CONTRACTORS—Clark & Henery Construction Co, main office from Stockton to 564 Market.
CORSETS—Crossett Corset Co. (Chicago), Mr. Stirton, 140 Geary.
DENTISTS—C. F. Schultheis and Chas. Albright, Elkin Gunst Bldg to 870 Market.
DRUGS—Shumate's, 2201 Fillmore.
ELECTRICAL—I. G. Perin, agent Elwell Parker Electric Truck and Dedetit Electric Co., Wells Fargo Bldg. to 200 Davis.
GROCERS — Claus Fell (succeeding John Jachens), 1534 Church, Dec. 10.
IMPORTERS — Gross, Mauley & Co., Dollar Bldg. to 417 Montgomery.
INCORPORATIONS — American River Building Materials Co. ($75,000) J. E. Cook, Sec. 719 Crocker Bldg.
LEASES—Store 696 Geary.
F. W. Woolworth Co. leased 151-163 Post.
MFRS. AGENTS — Graeme MacDonald Mfg. Co., 1169 Folso mto 16th and Utah.
MARBLE AND GRANITE — Mission Marble Works, 363 Guerrero to 209 Mississippi.
OSTEOPATHS—J. L. Henry, 166 Geary.
PLUMBING—W. E. Trousdale & Co., 1728 Sacramento to 422 Turk.
RESTAURANT — Parisian Grill, 2189 Mission.
SECURITIES—Phoenix Securities Corp. 1211 Van Ness Ave.
TAILORS—Ben Shafer succeeding Ben Goldberg, 1107 Geary, Jan. 10th.
TYPEWRITERS — Stone Typewriter Inspection Co., 516 to 572 Market.
MISCELLANEOUS—Pacific Coast Shoe Travelers Assn. (Sol Peiser Sec), 250 Pacific Bldg.
Peoples Mfg. Co. (Chicago) Mr. Brode 616 Dollar Bldg.
LEASES—Dec. 10, 23—Fink Investment Company to W F Gootee—NE Gough & Market No 16 Gough St 5 years $2580.
Sept 20, 23—Wm Mary A Ellen and Jane Deeney to R A Gamble—3224 22nd St 3 yrs $40 mo etc and option to renew.
Nov. 23, 23—John and Chas Easton as Telephone Market to Paul Gruner —1338 Polk St 5 yrs $9000.
Jan 3, 24—Isaac Ezra to Harry W Abrahams—495 14th Ave 1 yr $900.
Dec. 21, 23—Elizabeth Smiddy to M Saroff—SW Bryant & Boardman pl. W alg Bryant 53-6 x S 75 5 years $2400.
PAINTS—Pacific Shellac Works (Geo. H. Dunlap), 935 Howard.
PHOTOGRAPHERS—H. de Leon, 1810 Union.
PHYSICIANS—Dr. M. C. Mensor to 135 Stockton.
Dr. M. A. Glaser, 760 Market.

PRODUCE — MacMillan Co., recently burned 609 Mission moved to 350 Mission.
REAL ESTATE—Sheehan & Wooltrey, 129 Sutter.
R. Arthur Wallace, 1 Montgomery to 564 Market.
Federal Realty & Finance Corp., 605 Market to 201 Sansome.
RESTAURANT — Mrs. Albanie Soulie, 653 Clay.
Richmond Tamale Parlor, 2121 Clement.
SHIPPERS—James C. Moore, 310 California.
SPORTING GOODS—Thos. E. Wilson & Co., 609 Mission to 155 9th.
STOCKS AND BONDS—A. E. Lewis, 221 American Bank Bldg.
STUDIOS — Metaphysical Electronic Studios, 628 Montgomery.
John Pezzolo, 325 Columbus Ave.
TAILOR—H. A. Rayne, 668 Hayes to 407 Shrader.
A. C. Smith, 6251 California.
S. T. Salopek, 390 to about 441 Eddy.

TRANSPORTATION—Munson Steamship Line agency transferred Stanton & Berry, 461 Market to McCormick Steamship Co., Matson Bldg.
MISCELLANEOUS—Alterations being made to vacant store 208 O'Farrell.
Vocational Exchange, 155 Montgomery.
Star Can Opener Co., 465 California.
North Western Metal Ware Co, (Minneapolis), Rialto Bldg. to Sheldon Bldg.
A. G. Kienly, 201 Sansome.
ADVERTISING—Lord & Thomas (Mr. Cole), to open in Standard Oil Bldg.
ATTORNEYS—Adelbert Schapp and J. A. Koehl, 582 Market.
Geo. M. Lipman, 821 to 785 Market.
AUTOMOTIVE — A. B. Garage, 1565 Bush.
BILLIARDS AND POOL — California Billiard Parlor, 208 Columbus Ave.
CLOAKS AND SUITS—Cloak and suit business to open 780 Market.
CONTRACTORS — Clear Lake Construction Co., Flatiron Bldg.
DELICATESSEN—Dutch Delicatessen, 3254 23rd.
DRUGS—Levy & Emmett (Nub Pharmacy) 1 Gough.
ELEVATORS—California Elevator Co., 1847 Market to 1629 Jackson.
GROCERS—Owen Kelly 1448 Guerrero.
IMPORTERS—American-China Trading Co., Clunie Bldg., 519 California.
JUNK—Kobuchi & Stachnick, 57 Alabama.
MACHINERY—Stuart S. Smith Co., warehouse 19th and Indiana.
MFRS. AGENTS—Max Seiler, 660 Market to 22 Battery.
MILLINERY—Jos. English (supplies), 1157 Market.
PAVING—Union Paving Corp., 74 New Montgomery.
PRODUCE—L. Wallach (eggs), 1302 Scott.
PUBLISHERS — Lloyds Register, 454 California to 215 Market.
RESTAURANT—Ideal Restaurant, 1489 Mission to 354 11th.
SHEET METAL WORK—Bacigalupi & Dagneau, 2150 to 1837 Union.
TEXTILE—Fox Textile Corp. of Erie, Pa., (A. L. Miller), 840 Pacific Bldg.
Stroheim & Romann (upholstery materials), Frank A. O'Connell, Furniture Exchange Bldg. to 150 Post.
Olson & Otteson, (sailmakers), 148 Spear to Pier 5.
WALL PAPER—Winn & Lutz, 14 Valencia.
MISCELLANEOUS—Dana & Dempster, 444 California.
American Nut & Bolt Fastener Co., 320 to 625 Market.
Thrift Guarantee Corp., 142 Sansome.
Progress Shop, 11th and Folsom.
Fred Neuhoff's, 2 Pine.
McCandless & Co., 801 American Bk. Bldg.
FINANCE—Fiscal Agency Corp., 256 Montgomery.
FISH—S. Faraone, 609 to 498 Clement.
FLORISTS—O. J. Bianchini, 554 to 579 Columbus Ave.
FRUIT—Stamoules & Co., 514 Front.
FURNITURE—Ideal Furniture Co. (2d hand), 1498 Ellis.
Frederick & Kolhmann, 828 Geary.
IMPORTERS—Union Trading Co. (Mrs. Tessie D. Feldheym), Hansford Blk.
Pacific Overseas Corp., Matson Bldg.
INSURANCE — A. R. Faull (broker), 315 Montgomery.
Platen Life Co., Sherwood Blk.

(Continued on Page 23)

Contractors, Builders, Engineers, You Can Now Protect Your Checks right on the job if you have a

"Security CHECK PROTECTOR FOUNTAIN PEN"

The Steel Cutting Wheel on the end perforates and forces a red acid proof ink into the fibre of the paper, protecting the amount, payee's name date, number of check, and all kinds of negotiable papers.

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Most perfect writing instrument made.

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COUNTY and GENERAL AGENTS WANTED

SECURITY SALES CO.
253 MONTGOMERY STREET
San Francisco, Calif.

PACIFIC WAX-DYE CO.
Manufacturers of Specialties
Paints, Waxes, Dyes, Polishes
2886 16th St. San Francisco

WANTED
4000 sq. ft. 14 inch removable steel forms with 20 inch base for concrete joists.
M. JUUL HVOHSLEV
1216 Clay Street, San Francisco
Phone Prospect 989

Official Proposals

NOTICE TO BIDDERS

(City of Fresno—Roeding Park Piping)

PURSUANT TO RESOLUTION of the Commission of the City of Fresno, directing this notice, said Commission of the City of Fresno hereby invite sealed proposals or bids for the construction and installation of a piping system in Roeding Park as shown by plans and specifications on file in the office of the Commissioner of Public Works, all in accordance with ordinance No. 1041 of said City of Fresno.

All proposals or bids shall be accompanied by a check payable to the City of Fresno, certified by a responsible bank, for an amount, which shall not be less than ten per cent (10%) of the amount of said bid, or by a bond for said amount, and so payable, signed by the bidder and two sureties who shall justify, before an officer competent to administer oath, in double said amount and over and above all statutory exemptions.

Said sealed proposals or bids shall be delivered to the Clerk of the said Commission of Fresno, to-wit: to the Clerk of the City of Fresno, not later than **10:30 o'clock A. M. of the 17th day of January, 1924.** Bids will be opened on said day and hour.

The Commission reserves the right to reject any and all bids.

Dated: January 4th, 1924.
(Seal) H. S. FOSTER,
City Clerk and Clerk of the Commission of the City of Fresno, Calif.

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of The California Highway Commission, 515 Forum building, Sacramento, Cal., **Until 2 o'clock P. M., on February 4, 1923,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made of portions of State Highway as follows:

Santa Clara County, across Cedar Creek, about 18 miles east of Gilroy (IV-S.Cl.-32-B), a bridge composed of three 42-foot 4-inch reinforced concrete girder spans with concrete piers,abutments and wing walls, also: across North Fork Pacheco Creek, about 21 miles east of Gilroy (IV-S.Cl.-32-C), a bridge composed of three 50-foot and two 34-foot reinforced concrete girder spans on concrete bents.

Plans may be seen and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated: January 7, 1924.

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned until **1:30 p. m., January 30, 1924,** for constructing a portion of the State Highway System in Churchill County, between 5 miles south of Fallon and Grimes, work consisting of grading and construction of culverts.

Plans may be examined, and form of proposal, Contract and Specifications secured at the office of the undersigned; may also be examined at the County Clerk's Office in Fallon, the Division Engineer's Office in Las Vegas, Reno or Elko, and District Office of Bureau of Public Roads, Bay Building, San Francisco, California. Cash deposit of Fifteen Dollars ($15.00) with the undersigned required for copy of plans, which will be refunded on their return in good condition, provided they are returned within thirty (30) days after the opening of bids. Bids must be on proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5 per cent of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said specification, conditions for the fathful performance of the provisions of the Contract and Specification.

Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer,
Carson City, Nevada.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

NOTICE TO BIDDERS

NOTICE IS HEREBY GIVEN that sealed proposals or bids will be received by the Council of the City of Alameda up to the hour of **eight o'clock p. m. of Tuesday evening, January 15, 1924,** for the construction of a bungalow firehouse on the corner of Pacific Avenue and Grand Street, in said city, in accordance with the plans and specifications adopted therefor and on file in the office of the city clerk; provided, that alternate bids will be received for constructing said firehouse with eight inch hollow terra-cotta tile for exterior walls.

All proposals or bids shall be accompanied by a check payable to the city certified by a responsible bank for an amount which shall not be less than ten per cent (10%) of the aggregate of the proposal, or by a bond for said amount and so payable, signed by the bidder and two sureties, properly justified, or by a qualified surety company. Bids will be publicly opened and declared on said day and hour.

Copies of the plans and specifications may be secured from the Architect, Carl Werner, 605 Market St., San Francisco, Calif., upon the deposit of Twenty Dollars ($20.00) as security for their return.

By Order of the Council of the City of Alameda.

W. E. Varcoe,
Clerk of the City of Alameda and ex-Officio Clerk of the City Council.

NOTICE TO CONTRACTORS

(Oregon Trunk Railway)

1. Pursuant to the regulations of the Interstate Commerce Commission prescribed in its order dated October 6, 1919, as amended October 4, 1920, in Docket Ex Parte No. 54, the Oregon Trunk Railway hereby requests bids, and hereby gives notice that it will receive bids, for purchase of four thousand eighty-nine (4,089) tons of second-hand 90-lb. rail and accompanying angle bars, bolts and spikes.

2. Bids must be submitted and addressed to the undersigned, at his office, **by 12 o'clock Noon, Pacific Standard Time, on the 25th day of January,** 1924. Bids received after that time will not be considered.

3. Bids must be prepared and submitted on the forms prescribed in the regulations mentioned above, which forms will be furnished on request by the undersigned.

4. The successful bidder will be required to enter into and execute proposed contract Serial No. 1 containing, substantially, the general terms and conditions as follows:

Separate prices per gross ton, f. o. b. cars Fallbridge, Washington, to be quoted for rail, angle bars, bolts and spikes.

5. The right is reserved to reject any and all bids, and to accept any part of any one bid.

6. Every person, firm or corporation that may submit a bid shall accompany his, their or its bid with the tender of a bond in the penal sum of Ten Thousand Dollars ($10,000), with surety or sureties to be approved by the undersigned, conditioned upon the faithful and prompt performance of all the terms of said contract.

7. Complete specifications are now on file in the office of the undersigned, and said specifications can be inspected and examined free of charge during business hours on any business day by any persons who may desire or propose to submit bids, and upon request of any such persons copies of said specifications will be furnished and forwarded to them.

Dated this 8th day of January, 1924.
OREGON TRUNK RAILWAY,
Paul McKay, Purchasing Agent.
Room No. 925, Chamber of Commerce Bldg., Portland, Oregon.

NOTICE TO BIDDERS

(Oroville-Wyandotte Irrigation Dist.)

Sealed bids will be received by the Board of Directors of the Oroville-Wyandotte Irrigation District at the office of the Board, Oroville, California, **until 11 o'clock A. M., January 28th, 1924**, for the following works: Ditch, including about 1500 cubic yards of earth excavation; 2000 cubic yards of loose or soft rock excavation; 5500 cubic yards of solid rock excavation.

Contract will be let to the lowest responsible bidder. Plans and specifications can be seen at the office of the Board, Oroville, California.

W. J. MONRO,
Secretary, Oroville-Wyandotte Irrigation District.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO BIDDERS

(Modesto Irrigation District—Electrical Distribution Line Extensions)

Sealed proposals will be received at the office of the Modesto Irrigation District, Modesto, Calif., until **January 24, 1924, at 10 o'clock a. m.**, for construction, materials and—or labor for the completion of its electrical distribution system, more fully described as follows:

RURAL TERRITORY

Building about 60 miles of 3-phase, four-wire line.

Building about 160 miles of single-phase, two-wire line.

CITY TERRITORY

Building about nine miles of 3-phase, four-wire overhead lines.

Building about twenty miles of single-phase, two-wire overhead lines.

SCHEDULES

Schedule No. 1—3200 Butt treated poles.
Schedule No. 2—1600 cross-arms.
Schedule No. 3—Line hardware.
Schedule No. 4—Metal and wood pins.
Schedule No. 5—Insulators.
Schedule No. 6—Wire.
Schedule No. 7—Labor for constructing overhead system.

Full plans and specifications may be seen on application at the office of the district at Modesto, Calif.

Separate bids shall be made for labor and separate bids for material.

Contract shall be let to the lowest responsible bidder, but the board of directors reserves the right to reject any or all bids.

The proposal must be accompanied by a certified check for 5 per cent of the amount of the bid, payable to the Modesto Irrigation District, as a guar- execute a contract and furnish a satisfactory bond of not less than 25% of the contract price for the faithful performance of the work, in accordance with the specifications, and a bond for fifty per cent for payment of labor and material, as provided in CHapter 203 of the Statutes of 1919 of the State of California, said bonds to be approved by said Board.

The proposal must be marked "Proposal for Electrical Distribution Line Extensions," and addressed Modesto Irrigation District, Modesto, Calif.

Done in pursuance of the order of the Board of Directors of the Modesto Irrigation District, this 24th day of December, 1923.

C. S. ABBOTT, Secretary.

BUSINESS OPPORTUNITIES

(Continued from Page 20)

7760—Saigon. Producers and exporters of hardwoods wish to get in touch with importers of timber in this territory.

7764—Berlin, Germany. Manufacturers of batteries, cells, pocket lamps, colored lamps for decoration, motors for toys, vacuum bottles, and all electrical articles, seek a market in this territory. Would also consider appointing an agent.

7766—Calcutta, India. Firm of manufacturers' representatives are open to act as representatives for a firm manufacturing electrical and engineering supplies. Their principal lines are engineers' tools, lubricating oils and subsidiary lines. Solicit catalogs and price lists.

7768—Singapore, S. S. Firm having on hand a quantity of dynamical axes and marine motors seeks a market for same. Specifications and prices on file with foreign trade bureau.

7771—Tsingtau, China. Party has for export unlimited quantity of red granite, which they will cut to required dimensions. Can supply from 500 to 800 tons per month.

7773—Los Angeles, Calif. Gentleman, experienced in selling, general clerical and executive work, is anxious to enter the employ of some firm sending men to the Philippine Islands or to represent them there.

7774—San Francisco, Cal.—Man, thirty years of age, married, college graduate, 3 years in Orient, some knowledge acounting, bookkeeping, three years selling experience, speaks some Spanish an dRusslan, will go anywhere

7777 — San Francisco, Cal. Experienced importer and exporter, with good connections and several promising propositions, wants to form partnership with financially strong party.

7778 — Winnipeg, Canada. Parties having for sale large quantities of Al lumber at low price, located in the railway belt, desire to communicate with interested San Francisco firms.

LEADS FOR BUSINESS

(Continued from Page 21)

IRON AND STEEL—Parkersburg Iron & Steel Co., Rialto Bldg. to Sheldon Bldg.
LADIES' APPAREL — Mission Waist Shop, 1358 Fillmore.
LAUNDRY — New Western Laundry, 2159 Filbert.
Eastern Laundry, 2325 Pine.
LUMBER—Lumbermen's Exchange (R. F. Pray and R. H. Browne), 1 Montgomery.
MACHINERY—Prosperity Sales Co., (pressing), 1065 Mission.
MFRGS. AGENTS—J. F. Rhodes, Rialto Bldg to Sheldon Bldg.
MARKETS—Sunlight Market, 63 West Portal.
A. Vireno, 6198 Mission.
MILLINERY—F. J. Marks, Commercial Bldg.
DuBarry-Down, 233 to 243 Post.
MINING—R. D. Adams, Call Bldg. to 408 Stockton.
OIL—National Petroleum Products Co., 589 Bryant.
OPTICIANS—Rhine Optical Co., 251 to 150 Post.
LEASES—Dec. 27, 1923—Alfredo Castellino to Sebastiano Gazzera, Domenico Vachetta and Alfredo Castellino—W 3rd 276-9 S 20th S 32xW 100, 3 years, $1440.
Dec. 27, 1923—Mercantile Trust Co. of California to J. K. Karavas C. Banos and S. Morris—No. 4541 Mission St., 1 year 8 months 19 days, $1045.
Jan. 3, 1924—Morrill Estate Inc. to J. K. Karavas, C. Banos and S Morris—4541 Mission St., 2 years, $1440
ACCOUNTANTS — Henry L. Klein & Staff, 1484 California.
ADVERTISING—Harold C. Wurts, 681 Market to 420 Hearst Bldg.
ART STORE—Dorothy Art Co., (picture frames), 1833 Clement.
ARTISTS—Pacific Art Studio, 630 Pacific Bldg.
ATTORNEYS—H. S. Ridgely, 220 Montgomery.
Lent & Humphrey, Mills Bldg. to Standard Oil Bldg.
AUTOMOTIVE—Sickles Truck & Auto Repair Shop, 319 Mendell.
Ever Ready Auto Top Co. Inc, Chronicle Bldg.
A. R. Johnson (shop) 100 Van Ness
CEMENT—Old Mission Portland Cement Co., Mills Bldg. to Standard Oil Bldg.
DRUGS — Whitcomb Pharmacy, 1217 Market.
FOOD PRODUCTS—Williams Food Co. 110 Market.
FRUIT—Cohn Fruit Market, 1017 Clement.
FURNITURE—Newart Furniture Refinishing Co., 302 Hyde.
GROCERS—D. Brown, 1253 Divisadero.
INVESTMENTS—West American Finance Co., (E. N. Pearson, Jr. and F. R. Tousey), 486 California.

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Engineering News Section

BRIDGES

SANTA CLARA CO., Cal.—Until Feb. 4, 2 P. M., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. in Santa Clara county, over Cedar Creek, about 18 mi. east of Gilroy, a bridge composed of three 42 ft. 4 in. rein. conc. girder spans with conc. piers, abutments and wing walls; also across North Fork Pacheco Creek, about 21 mi. east of Gilroy, a bridge composed of three 50 ft. and two 34 ft. rein. conc. girder spans on conc. bents.

R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

ASTORIA, Ore.—Until Jan. 14, 1:30 P. M., bids will be rec. by J. C. Clinton, County Clerk, to const. rein. conc. bridge over Necanicum river at Broadway, Seaside, Ore., involv. 1,000 cu yds. rein. conc.; 62,600 lbs. steel; 197 piles; 100 cu. yds. common excavation. To be completed May 1; penalty $10 a day. Plans obtainable from City Eng. L. C. Rodgers, Seaside or County Eng. Astoria, Ore., on deposit of $25.

SAN DIEGO, Cal.—City Eng. is preparing plans for bridge to be const. across Canyon at First St.

SANTA ANA, Cal. — County Road Commissioner J. L. McBride announces plans for bridge across Santa Ana river, and another across channel of Newport Bay, bet. Newport Beach and the Palisades. On the latter, two types of bridges are to be submitted to the army engr. and the state highway commission. One will be of trestle constr. with a 60 ft. movable span in the center, and will cost approx. $60,000. The other will be of concr. constr. and cost approx. $90,000. The bids will be called for as soon as a contract on the Huntington Beach-Balboa state Highway stretch is let, bids for which are to be opened by the commission at Sacramento Jan. 14.

EUREKA, Humboldt Co., Cal.—County supervisors approve plans of John B. Leonard, civil engineer, 57 Post St., San Francisco, for proposed highway bridge over Van Duzen river to replace steel truss bridge. Will be concrete, 22 ft. wide with 3 spans. Plans are yet to be approved by the State Highway Commission.

NEVADA STATE—Bids will be asked shortly by State Highway Commission, G. W. Borden, state highway eng., to construct Rose Creek overhead concrete crossing in Humboldt county and another in Eureka county at Shoshone point. Plans have been completed for a concrete and steel overhead railway crossing at Deeth in Elko county.

STOCKTON, San Joaquin Co., Cal.—Central Pacific R. R. Co., granted right of way by supervisors to construct spur track running to Calaveras river. The track will be used in tra nsporting materials to site where company will construct $100,000 steel railway bridge.

SEATTLE, Wash.—Until Jan. 11, bids will be rec. by Bd. Pub. Wks. to const. W-Spokane St. bridge viaduct; est. cost, $190,000. Will be conc. and steel construction; 40 ft. roadway with 10 ft. walk on north side; at east end road will be elevated 34 ft. above ground and will slope westward toward surface level at grade of 1.3%. Rein. conc. supporting columns will be spaced 28 ft. apart. Steel contract has already been awarded to Bethlehem Shipbuilding Corp. and will be ready for delivery within two months.

LOS ANGELES, Cal.—County supervisors order constr. of 30-ft. bridge over the flood control channel at Willow St. near Long Beach.

LODI, San Joaquin Co., Cal.—See "Sewers and Street Work," this issue.

DREDGING, HARBOR WORKS AND EXCAVATIONS

OROVILLE, Butte Co., Cal—Until Jan. 28, 11 A. M., bids will be rec. by W. J. Monro, Sect'y., Oroville-Wyandotte Irrigation District to const. ditch involv. approx. 1,500 cu. yds. earth excavation; 2,000 cu. yds. loose or soft rock excavation and 5,500 cu. yds. solid rock excavation. Plans obtainable from secretary at Oroville. **See call for bids under official proposal section in this issue.**

GLOBE, Ariz.—Until 7:30 p. m., Jan. 15, bids will be rec. by council to construct McCormick Wash flood control project. Plans obtainable from city eng upon deposit of $10. Wilson T. Wright, city clerk.

IRRIGATION PROJECTS

KETTLE FALLS, Wash.—Until Jan. 28, 2:30 P. M., bids will be rec. by J. M. Williams, Sect'y., Fruitland Irrigation District, Kettle Falls, to reconst. irrigation system, involv. rebuilding existing flumes, excavation of canals to replace certain flumes, placing of concrete lining in canals, and laying of wire wound wood stave pipe laterals. For the flumes, alternative bids are called for on wood box, semi-circular wood stave, and metal construction. The principal approximate quantities are: 16,000 cu. yds. ditch excavation, classification mixed; 3500 lin. ft. canal lining; 6700 lin. ft. flume, alternative types; 860 lin ft. continuous wood stave pipe in place; 12,500 lin. ft. wire wound pipe in place. Spec. obtainable from Engineers Baar & Cunningham, Spalding Bldg., Portland, Ore., on deposit of $10, returnable if bids are submitted. Bids will be taken on basis of contractor taking in payment, valid bonds of dist. at rate of $1 in bonds for each 90c estimated valuation of work.

SEATTLE, Wash. — Engineers of State Department of Conservation and Reclamation will report on feasibility of plan of Skynomish Reclamation Company, an organization of Skagit County ranchers, who plan to reclaim 9000 acres at Padilla Bay, an arm of Puget Sound. Work estimated to cost $1,300,000. State engineers will determine whether the project is entitled to state financial aid. Plans provide for construction of an enclosing dyke, 8 miles long, 5 to 20 ft. high and 335 ft. wide at base. Frank Waldron, Seattle, is general manager of the company.

E. D. BULLARD

announces that after October first, 1923, their Office and Salesroom will occupy

565 Howard St.

San Francisco

Telephones (Unchanged)

Douglas 6320

Douglas 6321

No change in the Los Angeles address,

130 SOUTH BROADWAY

LIGHTING SYSTEMS

REDLANDS, Cal.—Southwest Elec. Co. awarded contr. by city trustees at $1800 to const. ornam. lighting system in E. State St., bet. 6th and Church Sts., involv. 24 posts. Other bids were Russell Elec. Co., $1920; H. C. Young, $2112.43.

H. C. Young submitted low bid at $1604.50 on the W. Fern Ave. system, involv. 22 posas. Other bids were: Russell Elec. Co., $1760; Southwest Elec. Co., $2090.

SACRAMENTO, Cal.—City council, H. G. Denton, clerk, declares inten. to establish Electrolier District No. 14 (37th street). Resolution provides for installation of c. i. octagonal street lighting standards with sq. base and one 100-watt, type C, Mazda lamp, etc. Protests will be heard Jan. 24. Albert Givan, city engineer.

LOS ANGELES, Cal. — Council declares inten. to construct ornam. lighting systems in following streets:

Arden Blvd., bet. Third St. and Wilshire Blvd., involving 28 conc. posts, conduits, etc., complete; 1911 act.

Brooklyn Ave., bet. Evergreen Ave. and 2 ft. w from Kearny St., involving 120 conc. ornam. posts, conduits, etc., complete; 1911 act.

57 pressed steel and cast iron reinf. ornam. posts, conduits, etc., complete; 1911 act.

SACRAMENTO, Cal.—Until Jan. 17, 9:15 p. m., bids will be rec. by H. G. Denton, city clerk, to const. 73 ornamental electroliers includ. foundations, lamps, globes, switches, wiring, conduits and laying conduit system in Electrolier District No. 13. (Streets adjacent to Heilbron Oaks Sub-division). Cert. check 5% payable to City Controller req. Plans on file in office of clerk. Albert Givan, city eng.

OROVILLE, Butte Co., Cal.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, has appropriated $40,000 to reconstruct street lighting system. New poles will be installed and the system almost completely rewired.

PASADENA, Cal.—City directors start proceedings for ornam. lights on Park View Dr., Lewis St., Banyan St. and Laurel St.

ANAHEM, Cal.—City trustees declare inten. to const. ornam. lighting system on east side N. Los Angeles St., bet. East Cypress St. and East North St.; etc. 1911 act. E. B. Merritt, City Clerk.

LOS ANGELES, Cal.—Council declares inten. to const. ornam. lighting system in Hoover Ct. bet. Washington and Adams Sts., involv. 57 pressed steel and cast iron reinf. ornam. posts, etc.; 1911 act.

LOS ANGELES, Cal.—C. W. Sparks, 103 Henne Bldg., Los Angeles, awarded contr. by Bd. Pub. Wks. at $41,632 to const. ornam. lighting system in Jefferson St., bet. Main St. and 3.5 ft. west of Vermont Ave.

MACHINERY & EQUIPMENT

DOS RIOS, Cal.—See "Railroads," this issue.

SAN JOSE, Santa Clara Co., Cal.—Until Feb. 4, 11 A. M., bids will be rec. by Henry A. Pilster, county clerk, to fur. and del. at Gilroy, one or more Cletracs. Spec. and further information obtainable from Robt. Chandler, county surveyor.

OAKLAND, Cal.—Until Jan. 10, 12 m. bids will be rec. by E. K. Sturgis, city clerk, to fur. 2-ton motor truck. Bond of $2000 req. of successful bidder. Further information obtainable from clerk.

REDWOOD CITY, San Mateo Co., Cal—Until Jan. 15, 8 p. m., bids will be rec. by Henry Steinberger, clerk, Redwood City School District, to fur. 40-passenger auto school bus. Bidder to furnish specifications. Further information obtainable from clerk.

BEVERLY HILLS, Cal.—City trustees of Beverly Hills are preparing to purchase $25,000 worth of street machinery for which bonds have been voted. Equipment will include rollers, graders, tractors, rooters, scarifiers, road kettles, mechanical brooms. J. C. Albers is city engineer.

RAILROADS

DOS RIOS, Mendocino Co., Cal.—The Carbon Co., 312 Henshaw Bldg., Oakland, now operating a small coal mine at Carbon Camp, near Dos Rios, Mendocino county, is planning to extend operations within the next few weeks. A 500-ft. drift tunnel now being operated will be abandoned and a several thousand foot double shaft will be sunk, equipped with the necessary hoists, steam power plant, cars, cables, blacksmith equipment, etc. A 7-mile railroad will also be constructed to connect with the Northwestern Railroad at a point near Dos Rios. It is proposed to construct the railroad by day labor, under the supervision of Chief Engineer A. N. Massey. A. L. Fisher, 312 Henshaw Bldg., Oakland, general manager of the Carbon Coal Company.

ALAMEDA, Alameda Co., Cal.—Oakland Traction Co. (S. F. Oakland Terminal Rlwys. Co.), 22nd and Grave Sts., Oakland, will double track Park St. bet. Santa Clara and San Jose Ave.; est. cost $40,000. Seven inch girder rails weighing 122 lbs. to yd. will be laid on conc. base with asph. surface.

SAN BERNARDINO, Cal.—Santa Fe Ry. has crew of engrs. 40 mi. of Santa Fe double tracks betw. Hicks, 12 mi. s. of Barstow, and Summit, which the railway will being sometime this month. Est. cost, $5,000,000.

SEATTLE, Wash.—Until Jan. 11, 10 a. m., bids will be rec. by C. B. Bagley, secy. Board of Public Works, to fur. 5000 6x8-in. 7-ft. No. 1 select fir ties for Street Rlwy. Dept. Further information on request to above.

YUMA, Ariz—So. Pac. Ry has awarded contracts for the grading of a 3-mi. branch line from Ivalon, Ariz., to connect with the recently constructed $400,000 bridge over the Colorado river. The cost of the new line is estimated at $660,000. This is part of a $1,000,000 improvement program which provides for the building of a new track system and the strengthening of levees for flood protection from the Colorado river.

PORTLAND, Ore. — Oregon Trunk Railway, Paul McKay, purchasing agt., 925 Chamber of Commerce Bldg., Portland, Ore., will receive bids undtil Jan. 25, 12 M., for the purchase of 4089 tons of second-hand 90-lb. rail and accompanying angle bars, bolts and spikes. **See call for bids under official proposal section in this issue.**

TURLOCK, Stanislaus Co., Cal.—Eng. Dept. of Southern Pacific Co. preparing spec. for spur tracks to be constructed at 40-acre site of California Sweet Potato Corp. Est. cost, $48,000.

FIRE ALARM SYSTEMS

CABLE, Cal.—Standard Underground Cable Co., 319 Citizens National Bank Bldg., submitted only bid to Bd. Pub. Wks. at $384,769.10, for fur. cable under spec. 806, for fire alarm system for city, to be installed under the 1922 fire dept. bond issue. R. H. Manahan, city electrician, has charge of this work. The bid specifies ½ of 1% disc. for cash payment within 10 days from date of shipment; shipment from Oakland factory; 1st carload 120 days after contract date, continuing thereafter at approx. uniform rate until completed within 365 days, after contract date. The bid was as follows:

(1) 13,000 ft. cable having 6 twisted pairs, 13 3-10c per ft.
(2) 257,000 ft. cable having 10 twisted pairs, 16 5-10c per ft.
(3) 64,000 ft. cable having 15 twisted pairs, 21 3-10c per ft.
(4) 122,000 ft. cable having 20 twisted pairs, 28 9-10c per ft.
(5) 58,000 ft. cable having 30 twisted pairs, 39 2-10c per ft.
(6) 20,000 ft. cable having 35 twisted pairs, 42 9-10c per ft.
(7) 32,000 ft. cable having 40 twisted pairs, 46 7-10c per ft.
(8) 25,000 ft. cable having 45 twisted pairs, 49 9-10c per ft.
(9) 30,000 ft. cable having 50 twisted pairs, 53 2-10c per ft.
(10) 48,500 ft. cable having 55 twisted pairs, 56c per ft.
(11) 25,100 ft. cable having 60 twisted pairs, 59 2-10c per ft.
(12) 21,000 ft. cable having 70 twisted pairs, 66 2-10c per ft.
(13) 28,000 ft. cable having 80 twisted pairs, 73 1-10c per ft.
(14) 12,200 ft. cable having 85 twisted pairs, 76 2-10c per ft.
(15) 9400 ft. cable having 95 twisted pairs, 82 4-10c per ft.
(16) 5300 ft. cable having 100 twisted pairs, 85 5-10c per ft.
(17) 3000 ft. cable having 110 twisted pairs, 96 5-10c per ft.
(18) 20,500 ft. cable having 150 twisted pairs, $119 2-10c per ft.
(19) 5600 ft. cable having 160 twisted pairs, 131 4-10c per ft.
(20) 7600 ft. cable having 180 twisted pairs, 143c per ft.
(21) 47,500 ft. cable having 200 twisted pairs, 154 3-10c per ft.

FIRE EQUIPMENT

FRESNO, Fresno Co., Cal.—Until Jan. 17, 10:30 a. m., bids will be rec. by H. S. Foster, city clerk, to fur. one 750-gal. triple comb. pumping engine. Cert. check 10% payable to city req. Spec. obtainable from Chief Eng. of Fire Dept., 724 Van Ness Ave., Fresno.

RESERVOIRS AND DAMS

GLENDALE, Cal.—Kinne & Westerhouse, 636 H. W. Hellman Bldg., Los Angeles, awarded contr. by council at $78,560 to const. 15,000,000-gal. reservoir. The bids involved excavating and lining at $61,650 and roof at $16,540.

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LOS ANGELES, Cal.—Wm. J. Mitchell, 501 Hobart Bldg., S. F., submitted low bid to supervisors at $16,500 for core and test drilling, for the testing of the underlying formations for a dam site, the location for which is just below the confluence of the west fork of the San Gabriel river with the main San Gabriel river, 11 mi. north of Azusa and about 33 mi. n.e. from Los Angeles. Other bids were: Diamond Drill Contracting Co., $17,300; Foley Bros. and D. A. Foley, $21,000; Continental Diamond Drilling Co., $22,950; Pennsylvania Drilling Co., $25,350; Cannon Bros., $28,905; E. A. Longyear Development Co., $30,200.

ALAMEDA COUNTY, Calif. — East Bay Water Co., Oakland, files plans and specifications with State Railroad Commission for proposed Upper San Leandro reservoir; est. cost $3,000,000. Will have capacity of 16,000,000,000 gals, earthen construction, 185-ft. 15-of mi. tunnel will be constructed in connection with project. Geo. H. Wilhelm, vice president and general manager of company.

OROVILLE, Butte Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, will construct new reservoir in hills east of Highland Park. Est. cost $50,000.

PIPE LINES, WELLS, ETC.

DENVER, Colo.—Until Jan. 16, bids will be rec. by Bureau of Reclamation for fur. 5000 lin. ft. machine bandaged wood stave pipe, under Specification 346-D for Yakima project, Washington.

OROVILLE, Butte Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, has appropriated $10,000 to install mains in outlying portions of city.

LOS ANGELES, Cal.—Crane Co., 319 E 3rd St. awarded cont. by public service comm. for pipe fittings under spec W-182 at the following prices (f. o. b. 510 E 2nd St.): 200 pcs. 3-in. std. black wrought steel couplings at 35.32c; 300 pcs. 4-in. std. black wronght steel couplings at 58.86c; 100 pcs. 3-in. std. black steel couplings for welding at 35.32c; 200 pcs. 4-in. std. black steel couplings for welding at 58.86c; 100 pcs. 6-in. c. i. banded 90 deg. elbows at $1.57; delivery immediately; disc. 2% 10th prox.

LOS ANGELES, Cal.—N. O. Nelson Mfg. Co., 724 Terminal St., awarded contr. by public service comm. for lead service pipe under Spec. W-181, f. o. b. 510 E 2nd St., as follows: $9.54 per 100 lbs.; percentage of purity, 99.99; delivery, 30 days.

LOS ANGELES, Cal.—Until 3 p. m., Jan. 15, bids will be rec. by public service comm., 207 S Bdwy., for standard, dipped bell and spigot cast iron water pipe, f. o. b. cars, as follows: 750 pcs. 10-in. class C (12-ft. lengths) of 850 lbs. per length; 500 pcs. 8-in. class C (12-ft. lengths) of 625 lbs. per length 5000 pcs. 6-in. class C (12-ft. lengths) of 430 lbs. per length; 5000 pcs. 4-in. class C (12-ft. lengths)) of 280 lbs. per length. Total tonnage to be delivered at track, Aqua Siding, Los Angeles. Proposals will also be considered on the equivalent footage to be furnished in 16-ft. lengths. Alternative bids will also be considered on De Lavand centrifugal cast iron pipe of class 250, or equal the thickness of shell for the respective diameters, as follows: 6-in. 0.39-in., 8-in., 0.46-in.; 10-in., 0.51-in. Adv. 701-A. Jas. P. Vroman, secy.

PASADENA, Cal.—City Mgr. C. W. Koiner announces bids will be asked in two weeks for water pipe to be used during 1924 in the water dept's expansion program. S. B. Morris, chief engr. dept.

LOS ANGELES, Cal.—Until 3 p. m., Jan. 15, bids will be rec. by public service comm., 207 S Bdwy for 2-in. cast iron pipe, in 5-ft. lengths, in accordance with spec. under P. A. Adv. No W-192. Jas. P. Vroman, secretary.

FRESNO, Fresno Co., Cal. — Until Jan. 17, 10:30 a. m., bids will be rec. by H. S. Foster, city clerk, to install piping system in Roeding Park. Cert. chk. 10% payable to city req. Spec. obtainable from Wm. Stranahan, Commissioner of Public Works. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—American Cast Iron Pipe Co., 439 E 3rd St., awarded cont. by public service comm. for c. l. fittings f. o. b. 510 E 2nd St. as follows: (a) 4-in. fittings at $84 per ton; (b) 6-in. to 12-in. fittings at $74 per ton; (c) 14-in. to 20-in. fittings at $84 per ton; (d) 4-in. tapped plugs at $104 per ton; (e) 6-in. and larger tapped plugs at $94 per ton. (Prices on machined fittings shown under items (d) and (e).

McWane Cast Iron Pipe Co., 1007 Central Bldg., awarded cont. for 2-in. c. l. pipe under Spec. W-185, as follows: 400 pcs. B & S (5-ft. lengths) at 28c ft; 250 pcs double B (5-ft. lengths) at 33c ft; 150 pcs. double thread (5-ft. lengths) at 33c ft; 225 pcs. bell and thread (5-ft. lengths) at 33c ft; all f. o. b. 801 N Alameda St.; delivery 30 days.

SAN LEANDRO, Alameda Co., Cal — Pacific Gas & Electric Co., 445 Sutter St., San Francisco, appropriates $32,414 to install approx. 20,000 ft. of 6½ in. high pressure gas line from end of present main in San Leandro to Infirmary road, in addition to other sections. W. Lucio is San Leandro manager for company.

PASADENA, Cal. — City directors have formally applied to county supervisors for permit to const. pipe line from the city farm to the Rio Hondo to carry clarified effluent from the activated sludge plant in operation.

SANTA BARBARA, Cal.—A. A. Lemmon, Santa Barbara, submitted low bid to council to lay 8000 ft. of 12-in water mains connecting Sheffield reservoir with Barker Pass Rd., as part of the proposed Montecito dist. water system.

PASADENA, Cal.—Contracts for pipe and fittings for municipal power plant have been awarded as follows: Pacific Pipe & Supply Co., $4679 for piping for 250 lb., 200 deg. superheat main steam line from boiler to turbine-Van Stone joints; forged steel flanges and cast steel fittings and semi-steel and fittings and pipe for boiler feed line. Chalmers Valve & Mfg. Co., $2850 for gate valves, and Crane Co., $644.40 for globe valves for the foregoing equipment. This comprises about 80% of piping and valves required. Bids are in for remainder.

MISCELLANEOUS CONSTRUCTION

LOS ANGELES, Cal.—Until 10 A. M., Jan. 21 blds will be rec. by Bd Pub. Wks. to const. pedestrian subway under Sunset Blvd. at Golden Gate Ave. Plans on file at office of city engr., 405 S. City Hall Annex.

FRESNO, Fresno Co., Cal.— First Ward Rate and Taxpayers' Assn., has appointed committee to circulate petitions seeking opening of Monterey St., across S. P. tracks by the construction of a subway. The city planning commission will be asked to include in its plans for permanent improvements the construction of a tunnel under the railroad crossing at Monterey street, to come under the proposed bond issue.

WHITTIER, Cal.—City fails to vote bonds to finance purchase of lands and lay-out of four parks, a sewer extension proposal and a $100,000 water works extensions measure.

WATER WORKS

SAN DIEGO, Cal.—See "Government Work and Supplies," this issue.

SAN FRANCISCO — Joshua Hendy Iron Works, 75 Fremont St., at $26,728 submits low bid to Bd. Pub. Wks. to fur. and del. butterfly valves for Moccasin Creek Power Plant of Hetch Hetchy project. Other bids were:

Pelton Water Wheel Co.	$27,930
Union Machine Co.	30,000
Bethlehem Shipbuilding Corp.	41,000
S. Morgan Smith Co.	46,300
Allis Chalmers Co.	53,900

CHICO, Butte Co., Cal.—Leon Williamson, Durbam, Cal. at approx. $685. awarded contract for furnishing materials and labor for 2-acre irrigation system at Chico high school. Other bids: Valley Conc. Pipe Co., $1046 with alt. bid of $942; Valley Const. Co., $1,955; Chas. Self, $1287; J. F. Orendorff, $1138.40.

SEATTLE, Wash. — Jahn & Bressi, Thompson Bldg., Seattle, and 618 Laughlin Bldg., Los Angeles, submitted lo wbid to Bd. Pub. Wks. at $1,210,759 to const. Lake Youngs Development Project. Other bids were: Goetz & Brannan, Beattle, $1,226,471; D. A. Foley & Co., Los Angeles, $1,287,208; Olympic Constr. Co., Seattle, $1,310,714 J. H. Tillman Co., Portland, $1,429,438; Henry & McFee, Seattle, $1,635,991.

SAN FRANCISCO—Board of Supervisors will call election shortly to vote bonds to finance construction of municipal distribution system for Hetch Hetchy power, and to include, probably sufficient money for the development of the Hetch Hetchy water project under the Raker Act. M. M. O'Shaughnessy, city eng.

LEMOORE, Kings Co., Cal. — Bonds of $15,000 voted to finance extensions to water works system.

LOS ANGELES, Cal.—Boyle-Dayton Co., 5190 Santa Fe Ave., awarded contr by public service comm. at $1249.20 for gasoline pump system involving 2 pumps at $759.20 (lump sum) and 2 tanks at $275 and $255 ($510); delivery approx. 13 days. Price f. o. b. N Alameda St.

WHITTIER, Cal. — See "Miscellaneous Engineering Construction," this issue.

MISSOULA, Montana.—Burns & McDonnell Engineering Co., Kansas City and Los Angeles, Calif., estimate cost of new wood pipe distributing system for water plant at $872,247. Line will bring water from Cold Springs to Missoula. Petitions are being circulated seeking bond election for $900,000 to finance project.

MODESTO, Stanislaus Co., Cal. — Sterling Pump Co., Stockton, awarded cont. by Modesto Irrigation District, to install four 15-h.p. pumps and motors at $590 each and four 10-h.p. pumps and motors at $540 each.

VERONIA, Ore.—H. D. Fowler, Pioneer Bldg., Seattle, representing Pittsburg-Des Moines Steel Co., awarded cont. to install 100,000-gal. steel tank and tower for Oregon-American Lumber Co. Tank will set on 50-ft. steel tower; tower to be 24-ft. dia. 31-ft. high.

CHILKOOT PASS, Alaska — Constructing Quartermaster's Office, Fort Mason, San Francisco, is preparing plans for the construction of water mains in Chilkoot Pass, Alaska.

PLAYGROUNDS AND PARKS

RICHMOND, Contra Costa Co., Cal.—City council takes under advisement bids to prepare soil and plant trees and shrubbery in Nichol Park. Bidders were: MacRorie and McLaren, $2900 with alt. bid allowing reductions totaling 287.50; West Coast Nurseries Co $4497.

SACRAMENTO, Cal.—Bids are being rec. by H. G. Denton, city clerk, to construct tennis courts at Southside Park Cert. check 5% payable to City Controller req. Further information obtainable from clerk. Albert Givan, city eng.

SACRAMENTO, Cal. — F. N. Evans, city supt. of parks, is completing specifications for beautification of the grounds at the new high schools, 34th and Y Sts.

FRESNO, Fresno Co., Cal. — Until Jan. 17, 10:30 a. m., bids will be rec. by H. S. Foster, city clerk, to install piping system in Roeding Park. Cert. check 10% payable to city req. Plans obtainable from Commissioner of Public Works, Wm. Stranahan. **See call for bids under official proposal section in this issue.**

SAN LUIS OBISPO, Cal.—Chamber of Commerce recommends bond issue to finance purchase of lands and improvements for parking areas and playgrounds.

BERKELEY, Alameda Co., Cal. — Until Jan. 15, 9 a. m., bids will be rec. by E. M. Hann, city clerk, to resurface 2 tennis courts at San Pablo Park. Cert. check 10% payable to city req. Spec. on file in office of clerk.

WHITTIER, Cal. — See "Miscellaneous Engineering Construction," this issue.

SEWERS & STREET WORK

SALINAS, Monterey Co., Cal.—Clark & Henery Constr. Co., Hearst Bldg., San Francisco, at $37,175 awarded cont. by council to imp. portions of Main St., involv. 110,980 sq. ft. removal of present bituminous pavement including grading; 1225 tons asph. conc. binder course; 110,980 sq. ft. Warrenite-Bit. surface pavement a nd portions of North Main and Market Sts.; 55,326 sq. ft. grading; 55,326 sq. ft. Warrenite-Bit. surface pavement; 4365 sq. ft. Portland cem. conc. gutters; 336 lin. ft. Portland cem. conc. curbs; 500 tons base rock. Other bids: San Jose Paving Co., $40,891; R. Crummey Co., $43,241; Municipal Improvement Co., $45,636. Eng. est. $35,510.

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COLFAX, Placer Co., Cal.—Jerome A. Barieau, Auburn, has been named city engineer of Colfax. City trustees contemplate paving of streets to connect with state highway.

LOS ANGELES, Cal. — Geo. H. Oswald, 366 E 58th St., submitted low bid to supervisors to imp. Western Ave., bet. Clarke Ave. and Rosecrans Ave., etc., 1.26 mi., involv. (1) 660 cu. yds. excav. 80c yd; 3272 tons asph. conc. top $6.20 ton; 26,632 sq. ft. conc. shoulders at 36c ft; 26,632 sq. ft. 3-in. conc. sand cushions 3c ft. Other bids were:

Griffith Co.—(1) $2, (2) $6.50, (3) 32c (4) 2.5c.

Geo. R. Curtis—(1) $2; (2) $6.50; (3) 35c; (4) $2c.

SAN DIEGO, Cal.—Council declares inten. to imp. A, Ash, Dale, 30th, Fern sts., etc., 144,384.69 sq. ft. paving with 1½-in. sheet asph. on 4-in. cem. conc. 496,58794 sq ft paving with 1½-in. sheet asph. on 2½-in. bitum. base; 21,-610.24 sq. ft. cem. conc. sidewalk; 4564.31 lin. ft. cem. conc. curb; 22 4-in. cem. conc. sewer laterals; 19 6-in. cem. conc. sewer laterals; 118.5 lin. ft. 8-in. 16-gauge corru. iron pipe; 20 lin. ft. 12-in. 16-gauge c. i. pipe; 146 lin. ft. 14-in. d. s. conc. pipe; 232 lin. ft. 18-in. d. s. conc. pipe.

Inten. declared to imp. Columbia Laurel and Maple Sts., involv. 31,719.73 sq. ft. paving with 4-in. cem. conc; 72,-027.68 sq. ft. paving with 2-in. asph. conc. on 3-in. bitum. base; 199,607.79 sq. ft. paving with 1½-in. asph. conc. on 2½-in. bitum. base; 12,703.4 sq. ft. cem. conc. sidewalk; 5145.02 lin. ft. cem. conc. curb; 250 lin. ft. of 6-in. cem. conc. sewer main; 23 6-in. cem. conc. sewer laterals; 19 4-in. cem. conc. sewer laterals; 319 cu. yds. earth embank; 48 lin. ft. 14-in. double strength conc. pipe.

Inten. declared to imp. Woolman Ave and N St., involv. 206196.1 sq. ft. paving with 1½-in. Warrenite-bitul. wearing surface on 3-in. bitum. base; 7816.98 sq. ft. cem. conc. sidewalk; 1571.02 lin. ft. cem. conc. curb; 82 lin. ft. 12-in. d. s. conc. pipe; 22 lin. ft. 14-in. d. s. conc. pipe. F. A. Rhodes, city engr.

SACRAMENTO COUNTY, Calif. — Following bids rec. by State Highway Commission, Forum Bldg., Sacramento, Jan. 7, to pave with Port. cem. conc. 1.9-mi. in Sacramento county bet. south boundary and r.r. crossing near Galt, involv. 4000 cu. yds. roadway embankment without classification; 75 cu. yds. structure excavation without classification; 9990 lin. ft. subgrade (preparing and shaping); 3980 cu. yds. class A cem. conc. (pavement); 30 cu. yds. class A cem. conc. (culverts and monuments) 20 hundredweights reinforcing steel in place; 574 lin. ft. 12-in., 86 lin. ft. 15-in. and 67 lin. ft. 18-in. corru. metal pipe; 14 monuments. Commission will furnish corru. metal pipe.

Kaiser Paving Co., American Bank Bldg., Oakland	$53,354
Lord & Bishop, Napa	59,705
Tibbets-Percival & Cress, Sacramento	59,845
Frederickson & Shannon, Fresno	60,196
Banco & Taylor, Vallejo	60,698
W. A. Dontanville, Salmas	62,520
Skeels & Hudson, Auburn	64,903
General Constr. Co., S. F.	73,039
Isbell Const. Co., Fresno	79,717
Engineer's Estimate	62,269

SAN FRANCISCO—J. A. Costello Jr., 1083 Shotwell St., San Francisco, at $70,528.50 submits low bid to city trustees to pave approaches to state highway leading to Grass Valley, Sacramento and Colfax. Spec. provides for 2-in. Willite plastic composition surface with 2½-in. asph. conc. base. Jerome A. Barieau, city eng.

LOS ANGELES, Cal.—Following bids rec. by State Highway Comm. Forum Bldg., Sacramento, Jan. 7, to grade 13.1 mi. and pave with Port. cem. conc. 11.6 mi. in Los Angeles county, bet. Shoup Ave. and west boundary, involv. 52,000 cu. yds. roadway excavation without classification; 2600 sta. yds. overhaul; 1200 cu. yds. structure excavation without classification; 2200 lin. ft. subgrade (preparing and shaping); 21,080 cu. yds. class A cem. conc. (pavement and shoulders); 385 cu. yds. class A cem. conc. (structures); 250 hundredweights rein. steel in place (structures); 37,970 sq yds. reinforcing steel in place (pavement); 146 lin. ft. 12-in. 210 lin. ft. 18-in., 294 lin. ft. 24-in., 102 lin. ft. 30-in. and 24 lin. ft. 36-in. corrugated metal pipe; 20 cu. yds. removal of broken concrete in existing base. Commission will furnish corru metal pipe and cast iron covers for drop inlet culverts.

Geo. H. Oswald, 366 E-58th St., Los Angeles	$388,785
Griffiths Constr., Co., L. A.	390,802
Ed Johnson & Son, Whittier	394,289
Dillon & Patterson & Downs, Los Angeles	417,328
Geo. R. Curtis, L. A.	423,062
Kaiser Paving Co., Oakland	434,579
Blumenkranz & Vernon, Stktn	436,782
Isbell Constr. Co., Fresno	444,095
Engineer5s estimate	415,423

LOS ANGELES, Cal.—Will F. Peck, 602 Hollywood Security Bldg., awarded cont. by Bd. Pub. Wks. at $316,938 to imp. Vine St., bet. Melrose Ave. and Yucca St, involv. grading at $19,000 (lump sum); 1800 sq. ft. asph. paving 35c ft.; 506,133 sq. ft. conc. paving 27c ft; 12,086 sq. ft. bitum. base paving 12c ft.; 10,431 ft. curb 65c ft.; 54,242 sq. ft. malk 19c ft.; 521 sq. ft. conc. gutter 25c ft; storm drain complete, $132,000; san sewer complete, $800; 834 ft. hse. sewers at $1.50 ft.; iron pipe lighting conduit complete, $8000. Engrs est., $339,922.35. Othe bids: Geo. R. Curtis, $324,063.36; Wm. Liddington, $336,-$35.81; Griffith Co., $344,226.38; Geo. H. Oswald, $355,830.25.

Wm. Liddington, 420 E 60th Street, awarded contr. at $154,783 to imp. Alvarado St., bet. Glendale Blvd. and Ocean View Ave., involv. grading at $14,990 (lump sum); 28,574 sq. ft. asph. paving 30c ft.; 447,856 sq. ft. 7-in. conc. paving 26.5c ft.; 18,559 sq. ft. 6-in. conc paving 23c ft.; 8000 sq. ft. bitum. base paving 12c ft; 870 ft. curb 70c ft; 485 sq. ft. conc. gutter 32c ft; 2412 ft. hse. sewers, $1.40 ft; storm drain, $350; san. sewer, $2748. Engr's est., $162,286.31. Other bids were: Griffith Co., $158,-868.32; Geo. R. Curtis, $160,126.93; Geo. H. Oswald, $161,173.78.

NEVADA STATE—Until Jan. 30, 1:30 p. m., bids will be rec. by State Highway Commission, Geo. W. Borden, chief eng., to grade and construct culverts in Churchill county, bet. 5-mi. south of Fallon and Grimes. **See call for bids under official proposal section in this issue.**

OAKLAND, Cal.—Until Jan. 17, 12 M bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of 6th St., involving grade and pave; const. curbs, gutters, catchbasins, conduits, manhoes, sewers and lampholes and storm water inlet.

Separate bids, same date, to imp. Kansas St., bet. 35th and Midvale Ave. involv. grade and pave; const. curbs, gutters and walks.

1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city engineer.

BERKELEY, Alameda Co., Cal.—Until Jan. 15, 9 a. m., bids will be rec. by E. M. Hann, city clerk, to resurface 2 tennis courts at San Pablo Park. Cert. check 10% payable to city req. Plans on file in office of clerk.

LOS ANGELES, Cal.—Until 11 a. m., Jan. 21, bids will be rec. by supervisors to imp. First St., etc., involv. 2506 cu. yds. excav. incl. shaping; 3311 lin. ft. conc. curb; 8855 sq. ft. conc. walk; 6095 sq. ft. conc. gutter; 6402 sq. yds. conc. pavement (County Imp. No. 46). Est. contract price, $21,246. Average haul from Downey on So. Pac. Ry., ¼ mile.

BURBANK, Cal. — Council declares inten. to imp. 5th St., bet. Magnolia and Verdugo Aves., grade and pave with oil and rock macad., 3-in. thick; const. curbs, curb returns, and cem. walks; 1911 act. F. S. Webster, city clerk.

SALEM Ore.—Members of Marion County Court vote to pave 25 mi. of roads in 1924; longest stretch of pavement will be 5 mi., other stretches ranging from that to ¼ mi. in length. W. J. Culver is County Road Master.

PORTERVILLE, Tulare Co., Cal — City Eng. Fred Pease preparing spec. to pave 30 blocks of streets, includ. Orange from Hain to J; E ½ of J from Orange to Olive; E from Futnam to Cherry; Cherry from E to F; F from Cherry to Morton; East Belleview from Second to Sunnyside; Morton from El Granito to Palm; Dorris from Sunnyside to Second; Second from Dorris to present pavement.

PLACERVILLE, El Dorado Co., Cal. —Mass meetings are being held throughout the country to secure the sentiment of voters regarding financing of county road building program. The work will probably be finanoed through a bond issue or direct tax.

GLENDALE, Cal.—E. L. Fleming, 324 W. Dryden St., Glendale, submitted low bid to council at $12,780 to imp. Irving Ave. bet. 4th St. and San Fernando Rd., involv. 99,000 sq. ft. grading 1c ft.; 3450 ft. curb 50c ft.; 54,480 sq. ft. 3-in. macad., 11c ft.; 16,890 sq. ft. walk, 17c ft.; water pipe, $1200.

WOODLAND, Yolo Co., Cal.—County Surveyor Asa G. Proctor completing surveys for 10 mi. of highway bet. Madison and Winters. Bids will probably be asked at the February session of the supervisors.

NEVADA STATE—As previously reported, Dodge Bros. and Dudley, Fallon, Nevada, at $217,536.60 submits low bid to State Highway Commission to const. 17.59 mi. of highway in Clark county, bet. Mormon Mesa and Nevada-Arizona state line. John Ross, Yerington, Nevada, only other bidder at $220,-608.30. Taken under advisement. Project involv. 222,000 cu. yds. unclassified excavation; 51,670 yd. sta. overhaul; 7.36 mi. prepare subgrade and shoulders; 390 cu. yds. load selected material for sub-base; 390 yd. mi. haul selected material for sub-base; 390 cu. yds. spread selected material for sub-base; 11,200 cu. yds. load and screen gravel; 23,400 yd. mi. haul gravel; 11,-200 cu. yds. spread gravel; 190 cu. yds. class A and B conc.; 1290 lin. ft. 15-in., 1310 lin. ft. 18-in., 394 lin. ft. 24-in. and 215 lin. ft. 30-in. corru. metal pipe; 676 cu. yds. dry rubble masonry; 4762 lin. ft. wood guard rail; 40 stand. monuments; 95 special galv. iron pipe monuments; 220 cu. yds. rip rap. Geo. W. Borden, state highway eng.

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NEVADA STATE—As previously reported, bids will be rec. by State Highway Commission to const. 5.08-mi. of highway in Churchill county, from 5-mi. south of Fallon to Grimes. Project involv. 25,800 cu. yds. unclassified excavation; 110 cu. yds. class A, and 4 cu. yds. class B concrete; 52 in. ft. 15-in. and 38 lin. ft. 24-in. corru. metal pipe; 200 lin. ft. wood guard rail. State will furnish sand and gravel for concrete. Geo. W. Borden, state highway engineer.

SAN JOSE, Santa Clara Co., Cal. — City council, J. J. Lynch, clerk, declares inten. to imp. Mastic St., bet. Willow and Goodyear and bet. Goodyear and south city limits, involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; 1 br. catchbasin with c. i. cover; 8-in. vit. pipe drains; 2 hyd. cem. conc. storm water inlets; hyd. cem. conc. curbs, gutters and walks. 1911 Act & Bond Act 1915. Protests Jan. 21. Wm. Popp, city eng.

VENICE, Cal.—City trustees declare inten. to imp. Glyndon Ave. betw. Carlton Way and Venice Blvd., grade and pave with 1½-in. National pavement on 2½-in. asph. conc. base, constructing curb, curb returns, cem. walks; 1911 act. T. H. Hanna, city clerk.

GLENDALE, Cal.—Charles Thompson and Charles U. Heuser, 1130 Loew State Bldg., Los Angeles, awarded contr. by council at $194,124 to pave Sycamore Canyon Rd., Lexington Dr., Verdugo Rd. and portions of other streets.

Cornwell & Henderson, 120 S. Glendale Ave., Glendale, awarded contr. at $13,642 to pave Watson Ct. and Elm Av.

NEVADA STATE — Ken Hodgman, Winnemucca, Nevada, at $103,947.52 awarded cont. by State Highway Comm to const. 5.03 mi. highway in Lander Co., bet. Carroll Summit and Campbell Creek Ranch involv. 58,300 cu. yds. unclassified excavation; 19,026 yd. sta. overhaul; 2.28 mi. prepare subgrade and shoulders; 1900 cu. yds. loading and screening selected material; 2540 yd. mi. haul selected material; 1900 cu. yds. spread selected material; 155 cu. yds. class A conc.; 302 lin. ft. 15-in., 116 lin. ft. 18-in., and 23 lin. ft 24-in. corru metal pipe; 245 cu. yds. dry rubble masonry; 1600 lin. ft. stand. wood guard rail; 2272 lin. ft. special wood guard rail; 1800 cu. yds. hand placed fill; 2350 cu. yds. rip rap; 71 special galv. iron pipe monuments. Other bids were: Tieslau Bros., Berkeley, Calif. $111,-735.92; Fred Coolidge, Fallon, Nevada, $114,058.22.

SAN DIEGO, Cal.—Until 10:30 A. M., Jan. 21, bids will be rec. by A. H. Wright, city clerk, to imp. State St., Reynard Way and Goldfinch St., involv. 40,066 sq. ft. paving with 2-in. sheet asph. on 4-in. cem. concr. base; 144,-737.77 sq. ft. paving with 5-in cem. concr.; five 6-in. cem. sewer laterals; 1 6-in. cem. sewer main 473 lin. ft.; 1 4-in. cem. concr. sewer lateral.

Separate bids to imp. 25th and Crosby Sts., involv. 321,381.76 sq. ft. paving with 1½-in. asph. concr. wearing surface on 2½-in. bitum. base; 485.27 lin. ft. curb; 2172.92 sq. ft. cem. sidewalk; three 4-in. cem. sewer laterals; 467.4 lin. ft. 16-in. concr. pipe; 90 lin. ft. 12-in. concr. pipe; 157.5 lin. ft. 18-in. con. pipe; 320 lin. ft. 24-in. concr pipe; 768.2 lin. ft. 30-in. concr. pipe; 381.73 lin. ft. 4 ft. r 4 ft. box section culvert

Separate bids to imp. Granada Ave., 29th St., Dale St., Palm St., etc., involv. 215,143.12 sq. ft. paving with 1½-in. sheet asph. wearing surface on 2¼-in. bitum. base; 9580.8 sq. ft. paving with 4-in. cem. concr. 1070.98 lin. ft. curb; 1103.03 sq. ft. cem. sidewalk; three 4-in. cem. sewer laterals. F. A. Rhodes, city engr.

SAN JOSE, Santa Clara Co., Cal. — Burns and McDonnell, consulting engineers of Los Angeles and Kansas City, has submitted proposal to city trustees to act as construction engineers for the proposed outfall sewers to be constructed under the recently voted $400,000 bond issue. Wm. Popp is city engineer.

SAN JOSE, Santa Clara Co., Cal.—Supervisors reject bids to resurface San Jose and Alviso road and County Surveyor Robt. Chandler instructed to proceed with same by day work.

SAN JOSE, Santa Clara Co., Cal.—Chambers & DeGolyer, Bacon Bldg., Oakland, at $1,100 awarded cont. by supervisors to const. sewer at county hospital, Infirmary Road. Other bids: Jim. Casley, $1,741; R. I. Meyerholz, $1,455. Surveyor's est., $1,590.

VENICE, Cal. — Braun, Bryant & Austin, 1680 4th St., Santa Monica, awarded contr. by city trustees at $28,-823 to imp. Grand View Ave., bet. Coeur d'Alene and Virginia Aves., etc., grade and pave with National pavement; construct curbs, driveway approaches conc catch basins, etc. Charles U. Heuser bid $29,823.25.

COMPTON, Cal.—Oswald Bros., 366 E 38th St., Los Angeles, submitted low bid to city trustees to imp. (1) Hickory St. and (2) Raymond St. The bids were

(1) Oswald Bros. — 63,440 sq. ft. grading 1.5c sq. ft.; 63,440 sq. ft. 5-in. conc. paving 20c ft; 15 ft. curb 60c ft; 60 sq. ft. walk 19c ft; 736 ft. 6-in. sewer $1 ft; 756 ft. 2-in. galv. service pipe $1.30 ft; 2089 ft. 4-in. wood stave pipe $1.20 ft.

(2) 35,597 sq. ft. grading 2.5c ft; 35,597 sq. ft. 5-in. conc. paving 20c ft; 2480 ft. curb 55c ft; 12,400 sq. ft. walk 19c ft; 1677 sq. ft. gutter 20c ft; 237 ft. 8-in. vit. sewer $1.20 ft; 478 ft. 6-in. vit. sewer $1 ft.; 267 ft. 2-in. galv. service pipe $1.30 ft; 6 manholes or junction chambers $100 each; 3 flush tanks at $175; reconst. manhole, $75.

BERKELEY, Alameda Co., Cal.—City council, E. M. Hann, clerk, declares inten. to const. conc. curbs and gutters and return curbs in portions of Addison St.; relay branch culverts; pave with 6-in. asph. 1911 Act and Bond Act. Protests Jan. 22. C. L. Huggins, city eng.

SAN JOSE, Santa Clara Co., Cal.—City Eng. Wm. Popp preparing spec. for sewers in 31st St. and McKee road. J. J. Lynch, city clerk.

SANTA ANA, Cal.—Supervisors declare inten. to imp. West Chapman Ave.; grade and pave with conc. or gravel base, 18-ft. wide. Work under R. D. I. No. 27. J. L. McBride, county road commissioner.

AUBURN, Placer Co., Cal.—J. A. Costello, Jr., 1083 Shotwell St., San Francisco, at $70,528.50 awarded cont. by city trustees to pave approaches to state highway leading to Grass Valley, Sacramento and Colfax. Spec. provides for 2-in. Willite plastic composition surface with 2½-in. asph. conc. base.

SAN DIEGO, Cal.—Until 10:30 a. m., Jan. 21, bids will be rec. by city clerk to const. reinf. conc. storm drain with intake headwall, inlets, outlets, clean-outs, conc. piers, intake pipes, and all other appurtenances in Canyon St., bet. Yell St. and mean high tide line. Plans obtainable from city eng Wright, city clerk.

PLACERVILLE, El Dorado Co., Cal. —Petitions will be presented to the county supervisors seeking 20 cent tax levy for county road improvements. Petitions were circulated by El Dorado County Chamber of Commerce.

OREGON CITY, Ore.—Until Jan. 21, 11 a. m., bids will be rec. by County Court, to grade Woodcock hill, a section of Pipe Line Rd., involv. 200 cu. yds. solid and 1500 cu. yds. loose rock excavation; 10,000 cu. yds. earth excavation; 300 ft. 42-in., 200 ft. 12-in. and 250 ft. 9-in. culvert pipe. Plans obtainable from County Eng. at Oregon City.

PHOENIX, Ariz.—Bids will probably be opened Jan. 20 by state highway department to const. 7 mi. of Phoenix-Wickenburg road. Work will consist of grading and constructing concrete drainage and other structure. W. W. Lane, asst. state engineer.

MERCED, Merced Co., Cal. — City trustees order spec. prepared to pave with asph. conc. 6 blocks in 26th and 27th Sts., north of the Santa Fe R.R. Plans also ordered to pave M St. bet. 27th and 28th and 6 blocks in 13th St. bet. M and G Sts.

SAN FRANCISCO—Until Jan. 23, 3 p. m., bids will be rec. by Bd. Pub. Wks. to imp. Rhode Island St., bet. Mariposa and 19th Sts. Est. cost $18,-000. Low bid for this work, under last, was submitted by Jas. M. Smith, as follows: 40,000 sq. ft. conc. pave, $.325 sq. ft.; 14,052 sq. ft. asph. conc. pave., $.305 sq. ft.; 1600 lin. ft. conc. curb, $1 lin. ft; 264 lin ft. granite curb, $.50 lin. ft.; 9 br. catchbasins, $60 each. Plans obtainable from Bureau of Engineering, 3rd floor, City Hall.

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LOS ANGELES, Cal. — Butterfield-Sears Co., 410 6th St., San Pedro, submitted low bid to supervisors at $93,598 to imp. Pacific Ave., Hanford Ave. and other streets, in Tract No. 38, involving (1) 69,422 cu. yds. excav. at 50c yd; (2) 25,791 ft. curb at 60c ft; (3) 104,066 sq. ft. walk at 20c ft; (4) 452,000 sq. ft. oil and screenings wearing surface at 5c ft. Other bids were:

J. G. Beckjord—(1) 57c; (2) 65c; (3) 23c; (4) 4.4c; total, $100,157.

Francisco & Ellington—(1) 60c; (2) 70c; (3) 25c; (4) 4.5c; total, $106,063.

W. D. McCray—(1) $35c; (2) 75c; (3) 25c; (4) 6.5c; total, $140,890.

Griffith Co., 502 L. A. Ry. Bldg., Los Angeles, low bidder at $21,871 to imp. Washington Blvd., bet. Vineyard Ave. and Los Angeles city limits, (City Boundary Imp. No. 4) involv. (1) 2316 cu. yds. excav. at $1 yd; (2) 1798 ft. curb at 75c ft; (3) 6517 ss. ft. gutter at 33c ft; (4) 4235 sq. ft. walk at 25c ft; (5) 5125 sq. yds. conc. base at $2.20 yd; (6) 5125 sq. yds. asph. conc. top at 54c yd; (7) 1890 lin. ft. curtain wall at 50c ft.

Geo. H. Oswald bid (1) $1.25; (2) 75c (3) 33c; (4) 23c; (5) $2.34; (6) 63c; (7) $23,591.

MARYSVILLE, Yuba Co., Cal.—Supervisors reject bids to const. portion of rd. extending from Sanford's Gate to Rose Cottage on Marysville-Nevada City stage road and work will be done by day labor under supervision of County Surveyor J. R. Meek. Bids Harlan and North, $11,970; Charles Harlowe, Jr., $13,800 and Lowry, Haldlew and O'Connor $12,625.

COLUSA, Colusa Co., Cal.—Bids will be asked by supervisors to construct 26-mi. of county highway; bids to be taken on 3 type of pavement, port. cem. conc.; asph. conc. and Willite. The units will consist of Colusa-Princeton, Grimes-Colusa & Grimes-Prize stretches, 26-mi. in all. J. M. Felknor is county road engineer.

SAN DIEGO, Cal.—Following bids rec by council to imp. Falcon and Lewis Sts. and Fort Stockton Dr., involving (a) 113,393.96 s q. ft. paving with 1½-in. asph. conc. on 2½-in. bitum. base; (b) 3308 sq. ft. cem. sidewalk; (c) 672.34 lin .ft. 8-in. curb; (d) 240.08 lin. ft. 6-in. curb; (e) 429.08 lin. ft. 10-in. curb; (f) two 6-in. cem. sewer laterals, (g) three 4-in. cem. sewer laterals; (h) installation of 3 ornam. light standards with full equipment, complete. Bids as follows: G. R. Daley 4430 Boundary St., (a) 16.7c, (b) 23c, (c) 65c, (d) 60c, (e) $1425, (f) $38.50, (g) $32.50, (h) $550. Griffith Co., 25 14th St., (a) 17.4c, (b) 23c, (c) 65c, (d) 60c, (e) $1450, (f) $40, (g) $35, (h) $600. California Const. Co., Union Bldg., (a) 18.8c, (b) 25c, (c) 75c, (d) 70c, (e) $2200, (f) $40, (g) $35, (h) $650.

Bids to imp. Sutter St., involv. (a) 87,777.39 sq. ft. paving with 1½-in asph conc. on 2½-in. bitum. base; (b) 105.75 sq. ft. cem. sidewalk, (c) 310 lin. ft. 6-in. conc. sewer main with appurtenances compl., (d) five 6-in. cem. sewer laterals, (e) three 4-in. cem. conc. sewer laterals, follow: G. R. Daley, 4430 Boundary St., (a) 16.7c, (b) 23c, (c) $680, (d) $38.50, (e) $32.50. Griffith Co., 25 14th St., (a) 17.4c, (b) 24c, (c) $1000 (d) $38.50, (e) $35. California Constr. Co., Union Bldg., (a) 18.3c, (b) 25c, (c) $1200, (d) $40, (e) $35.

SACRAMENTO, Cal.—Bids are being rec. by H. G. Denton, city clerk, to construct tennis courts at Southside Park. Cert. check 5% payable to City Controller req. Further information obtainable from clerk. Albert Givan, city eng.

OROVILLE, Butte Co., Cal.—Collins and Seppi, Berkeley, at approx. $15,357 ($1.13 cu. yd.) awarded cont. by supervisors to const. 5.1-mi. of Oroville-Miner's Ranch road. Other bids: C. W. Manteca, $1.62 cu. yd; J. A. Huntington Oroville, $1.60 cu. yd; Heafy, Moore & McNair, $1.61 cu. yd. Est. of County Rd. Eng. Harry H. Hume, $1.16 cu. yd.

LOS ANGELES, Cal.—Pac Clay Products, Inc., 600 Amer. Bank Bldg., submitted only bid to Bd. Pub. Wks. at $184 per M. for 55,000 vit. clay sewer lining blocks of model C for Section 9 of the North Outfall sewer.

RICHMOND, Contra Costa Co., Cal.—Property owners have signified their intention of co-operating with city council in construction of highway on west side of hills at Point Richmond, commencing at municipal tunnel and connecting with Kosy Kove Park. H. B. Chapman, city eng.

SAN MATEO, San Mateo Co., Cal.—City council request county supervisors to proceed with construction of proposed highway connecting San Mateo and Burlingame. The county has provided for a $20,000 tax in this year's levy to construct the road. Geo. A. Kneese, county surv.

POMONA, Cal.—City council plans to add $200,000 to proposed school bond issue election this month. The issue would finance extension of W 2nd St., and W Holt Ave., widen and resurface E Holt Ave. and S Garey Ave., and pave 13 other streets. W 2nd St. will be 6-in. conc., 46-ft. wide, with curbs. W Holt 68 ft. wide. Approx. one-half of the cost will be paid by property owners, making the proposed paving program involve about $400,000.

STOCKTON, San Joaquin Co., Cal. — County supervisors petitioned to imp. Eight Mile Road between Jack Tone and Waterloo road. Referred to County Surveyor F. E. Quail for report.

LOS ANGELES, Cal.—Francisco and Ellington, Inc., 1232G W 5th St., submitted low bid to supervisors at $93,000 for work in Rd. Imp. Dist. No. 181, Las Flores Canyon Rd. and Hume Rd., (graded roadway 16 ft. wide, roll and oil), involv. 91,600 cu. yds. earth excav. 21,418 lin. ft. shaping roadbed; clearing and grubbing; 38,076 sq. yds. oil and sand surface; 154 ft. 12-in., 35 ft. 18-in., 155 ft. 24-in. and 75 ft. 36-in. corru. iron pipe culv. Est. contr. price, $65,876. Other bids were: Donovan & McNamee, $94,650; J. G. Beckjord $115,000; Ross Constr. Co., $139,000; W. D. McCray, $148,000.

SOLANO COUNTY, Calif. — State Highway Commission will widen state highways in Contra Costa county from 15-ft. to 30-ft. R. M .Morton, state highway eng.

VISALIA, Tulare Co., Cal.—Bids will be asked shortly by supervisors to grade new county hospital site. Plans are being completed by County Surveyor Laurence A. Moye.

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LOS ANGELES, Cal.—Geo. J. Bock, 1250 S Gramercy Pl., Los Angeles, submitted low bid to Bd. Pub. Wks. to imp. Lucretia Ave., bet. Avalon St. and Echo Park Ave., involv. grading at $13,650 (lump sum); 609 sq. ft. conc. paving 35c ft.; 31,815 sq. ft. oil and roll 7c ft; 3062 ft. light curb 65c ft; 13,706 sq. ft. walk 23c ft; 6060 sq. ft. gutter 35c ft; san. sewer complete, $1400.

Wm. Liddington, 420 E 60th St. low bidder to imp. first alley s of 43rd Pl., bet. first alley west of Western Ave. and St. Andrews Pl., involv. grading, $400 (lump sum); 6396 sq. ft. conc. paving 24c ft.; 4.5 ft. curb 70c ft.

LOS ANGELES, Cal.—Baker & Kinsman, 739 H. W. Hellman Bldg., submitted low bid to Bd. Pub. Wks. to imp. 14th St., bet. Wilson and Alameda Sts., involv. grading at $1498 (lump sum); 745 sq. ft. conc. paving 30c ft; 50,658 sq. ft. oil and roll 6c ft; 2356 ft. light curb 55c ft; 11,074 sq. ft. walk 19.7c sq. ft.; 6411 sq. ft. conc. gutter, 30c ft. Other bids were:

Calif. Paving Co.—$1587 grading; 30c paving; 6.5c oil; 55c curb; 21c walk 32c gutter.

Joe Grabovich—$1008 grading; $298 sq. ft. conc. paving; 6.5c oil; 64c curb; 22c walk.

SANTA ANA, Cal.—Steel Finley, Santa Ana awarded cont. by city trustees to imp. Fairview Ave. involv. 106,213 sq. ft. regrading and 6-in. conc. paving 23c ft.; 1512 ft. 4-in. branch house sewers 60c ft., and 3670 ft. curb 60c ft.

Finley awarded contr. to imp. E 4th St., involv. 1338.9 sq. ft. regrading and 5-in. conc. base 50c ft. and 1½-in. asph conc. top 30c ft.

Oglesby & Dahl, Santa Ana, awarded cont. to imp. Spurgeon St., involv. 36,560 sq. ft. regrading and 5-in. conc. paving 21½c ft.; 114 ft. curb 50c ft.; and 84 ft. 4-in. branch house sewers at 50c ft.

HERMOSA BEACH, Cal.—Until 8 p. m., Jan. 15, bids will be rec. by city trustees to imp. Ocean View Ave., from Fifth St. to its southerly end; grade, pave with 5-in. conc; const. conc. curbs and 4-ft. walks.

Bids, same date, to grade and pave Longfellow Ave., bet. Camino Real & East Railroad Dr., with 5-in. cem. conc. B. F. Brown, city clerk.

SPOKANE, Wash. — Mitchell Bros., Spokane, at $119,380 awarded cont. by Spokane county commissioners to grade and surface with crushed rock 17.2-mi. of Elk-Chattaroy and Big Meadow road.

Triangle Construction Co., Spokane, at $63,473 awarded cont. to grade and surface with crushed rock 5.57-mi. of Medical Lake-Tyler extension of Medical Lake road.

SHASTA COUNTY, Calif. — Nevada Contracting Co., Fallon, Nevada, at $480,862 awarded cont. by State Highway Commission to grade and surface with crushed gravel or broken stone, 9.9 mi. of highway in Shasta county bet. Bayha and Halfway Creek, the project involv. 401,500 cu. yds. roadway excavation without classification; 134,000 sta. yds. overhaul; 2500 cu. yds. structure excavation without classification; 19,400 cu. yds. crushed gravel or broken stone surface; 740 cu. yds. class A Port. cem. conc. (culverts and monuments); 751 hundredweights reinf. steel in place; 500 cu. yds. rubble masonry (retaining walls); 4484 lin. ft. 18-in., 1280 lin. ft. 24-in. and 654 lin. ft. 30-in. corru. metal pipe; 360 monuments. Comm. will furnish corrugated metal pipe.

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. portions of Castro St., involv. grade, $.03 sq. ft.; conc. curb without steel guard, $.70 lin. ft.; conc. curb with steel guard, $1.10 lin. ft.; conc. gutter, $.30 sq. ft.; 2-in. Warrenite-Bit surface on 6-in. Port. cem. conc. base pave, $.30 sq. ft; 10-in. vit. pipe conduit, $2.80 lin. ft.; catchbasins, $85 each.

Oakland Sewer Const. Co., 1003 85th Ave., Oakland, awarded cont. to sewer in portions of Taft Ave., 18-in. vit. pipe, $2.50 lin. ft.; 16-in. $1.90 lin. ft.; 14-in. $1 lin. ft; catchbasins, $75 ea; brick junction chamber, $25 each.

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SAN DIEGO, Cal.—G. R. Daley, of 4430 Boundary St., awarded cont. by council at $15,677 to imp. Sutter St.

Daley awarded cont. at $22,452 to imp Falcon St., Lewis St. and Fort Stockton Dr.

SAN DIEGO COUNTY, Calif.—Jahn & Bressi, McLaughlin Bldg., Los Angeles at $436,045 awarded cont. by State Highway Commission to pave with Port. cem. conc. 16.2 mi. in San Diego county bet. San Diego and Oceanside, project involv. 44,000 cu. yds. excavation without classification; 150,000 sta. yds. overhaul; 12,220 cu. yds. class A Port. cem. conc. (pavement and shoulders, poured 20-ft. wide at a time); 15,280 cu. yds. class A Port. cem. conc. (pavement and shoulders, poured 10-ft. wide at a time); 2210 cu. yds. class A Port. cem. conc. (shoulders); 3730 hundredweights reinforced steel in place; 580 cu. yds. removal of broken conc. in existing base.

SONOMA COUNTY, Calif.—Galbraith and Janes, San Mateo, at $274,260.61 awarded cont. by State Highway Commission to grade 11.5 mi. of highway in Sonoma county, bet. Beltane and Schellville and 7.2 mi. to be surfaced with gravel or broken stone and 4.3 mi. paved with Port. cem. conc. involv. 45,000 cu. yds. roadway embank. without classification; 76,800 sta. yds. overhaul; 3900 cu. yds. struc. excavation without classification; 13,120 cu. yds. crushed gravel or broken stone surface; 22,524 lin. ft. subgrade (preparing and shaping); 3975 cu. yds class A Port cem. conc. (pavement); 1425 cu. yds. class Port. cem. conc. (culverts and monuments); 967 hundredweights bar rein. steel in place; 39 lin. ft. 18-in., and 34 lin. ft. 24-in. corru. metal pipe; 1464 lin. ft. size 2-in. and 220 lin. ft. size 3-in. reinforced conc. culvert (type A or B or C); 160 haul and set monuments. Comm. will furnish corrugated metal pipe.

NEVADA COUNTY, Calif.—Irey and Holden, Lodi, at $67,852 awarded cont. by State Highway Commission to grade 7.3-mi. in Nevada county, betw. Truckee and Boca, project involv. 56,650 cu. yds. roadway excavation without classification; 3600 sta. yds. overhaul; 900 cu. yds. structure excavation without classification; 145 cu. yds. class A Port. cem. conc. (culverts and monuments); 69 hundredweights rein. steel in place; 2082 lin. ft. 12-in., 356 lin. ft. 15-in., 598 lin. ft. 18-in., and 220 lin. ft. 24-in. corrugated metal pipe; 220 cu. yds. rubble (retaining walls); 158 monuments. Comm. will furnish corru. metal pipe.

SONORA, Tuolumne Co., Cal.—City Eng. W. C. Terry has completed spec. to grade Dewey St. from William to Sonora St., thence east on Sonora to Lawton St., approx. 1,262 ft. City trustees have approved spec. to extend Shepherd St. from Elkin St. north through Cowan property, thence west to Holden St.; the portion to be graded is 500 feet.

SAN FRANCISCO—City Const. Co., 112 Lyon St., at $12,355.90 submits low bid to Bd. Pub. Wks. to imp. Parallones St., bet. Plymouth and San Jose Ave., involv. (a) 225 lin. ft. 8-in. sewer, $3.50 lin. ft; (b) 17 8-in. wye branches, $1.50 each; (c) 2 br. manholes, $110 each; (d) 2091 lin. ft. conc. curb, $1 lin. ft.; (e) 1 br. catchbasin, $100; (f) 25 lin. ft. 10-in. culvert, $1.50 lin. ft; (g) 31,360 sq. ft. asph. conc. pave, $.29 sq. ft. Other bids:

Raisch Imp. Co., (a) $3.50; (b) $2.50; (c) $150; (d) $1; (e) $100; (f) $2.50; (g) $.295. Total, $12,634.70.

Eaton & Smith, (a) $3; (b) $2; (c) $140; (d) $1; (e) $140; (f) $2; (g) $.30. Total $12,678.

SANTA MONICA, Cal.—City commissioners will readvertise for bids to const. sidewalks in Fairview Hts. Previous bid was too high. Grading and const. of walks will be separated in the new call. Howard Carter, City Eng.

WHITTIER, Cal.—See "Miscellaneous Engineering Construction," this issue.

SACRAMENTO COUNTY, Calif. — Kaiser Paving Co., American Bk. Bldg., Oakland, at $53,354 awarded cont. by State Highway Comm. to pave with Port. cem. conc. 1.9-mi. in Sacramento county bet. south boundary and r.r. near Galt, involv. 4000 cu. yds. roadway embankment without classification; 75 cu. yds. structure excavation without classification; 9990 lin. ft. subgrade (preparing and shaping); 3980 cu. yds. class A cem. conc. (pavement); 30 cu. yds. class A cem. conc. (culverts and monuments); 20 hundredweights reinforcing steel in place; 574 lin. ft. 12-in., 86 lin. ft. 15-in. and 67 in. ft. 18-in. corru. metal pipe; 14 monuments. Comm. will furnish corru. metal pipe.

OAKLAND, Cal.—Bates and Borland, Bank of Savings Bldg., awarded cont. by council to imp. portions of Bartlett and Lynde Sts., involv. grade, $.035 sq. ft; conc. curb, $70 lin. ft.; conc. gutter, $25 sq. ft.; oil macadam pave, $.095 sq. ft.; cem. walks, $.16 sq. ft.; 8x24-in. corru. iron and conc. culvert, $4.80 lin. ft.; c. i. handhole, $25 ea.

Salvatore de Guarda, Oakland awarded cont. to sewer portions of Laurel and Maple Aves., etc., involv. 8-in. vit. sewer, $2.05 lin. ft. manholes, $150 ea; 8-in. lamphole, $50; 12-in. lamphole, $50 drop connection, $10 each; standpipe, $5 each; wye branch, $2 each; deepen manholes $25 each; remove existing sewer, $.01 lin. ft.

BURBANK, Cal.—City trustees declare inten. to imp. Lincoln St., bet. Central Ave. and San Fernando Blvd. Grade and pave with 1½-in. National pavement on 3½-in. asph. concr. base, 24 ft. wide; const. 6-in. water pipe line; 1911 act. F. S. Webster, city clerk.

VENTURA COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, for 15.1-mi. of highway in Ventura county bet. south boundary and Camarillo; 15.1-mi. to be graded and 9.8-mi. to be paved with Port. cem. conc. Project involv. 32,000 cu. yds. roadway excavation without classification; 6100 sta. yds. overhaul (two stations or less); 211,500 sta. yds. overhaul (greater than two stations); 1000 cu. yds. structure excavation without classification; 21,750 cu. yds. class A Port. cem. conc. (pavement & shoulders); 400 cu. yds. class A Port. cem. conc. (structures); 357 hundredweights bar reinf. steel in place (structures); 45,680 sq. yds rein. steel in place (pavement); 90 lin. ft. 12-in., 282 lin. ft. 18-in., 208 lin. ft. 24-in. and 26 lin. ft. 36-in. corru. metal pipe; 150 cu. yds. removal of broken concrete in existing base. Commission will furnish corrugated metal pipe and cast iron covers for drop inlet culverts. R. M. Morton, state highway engineer.

SAN DIEGO, Cal.—City Eng. F. A. Rhodes completes spec. to imp. Landis St., bet. Alabama and Pershing Aves., involv. 5190.19 cu. yds. earth excav.; 2212.02 cu. yds. earth embank; 16,055.38 sq. ft. cem. conc. sidewalk; 3295.13 lin. ft. cem. conc. curb; 1911 Act.

MONROVIA, Cal.—Until 7:30 p. m., Jan. 21, bids will be rec. by city trustees to imp. Orange Ave., bet. Mayflower and 5th Aves; grade; pave with oil tamped pavement, const. conc. curbs gutters, swales, reinf. conc. intake with steel grating, reinf. conc. culvert, etc.; 1911 act. Lewis P. Black, city clk.

LODI, San Joaquin Co., Cal.—Lodi Chamber of Commerce has appointed a committee to investigate the feasibility to construct a road through the island section west of Lodi. The road will reduce the distance to Oakland to 79 miles. In all approx. 56-mi. of new road would be constructed. Three bridges or ferries are included in the project. Sacramento county has announced its intention to construct the bridge across Andrus Island if the project goes through.

LONG BEACH, Cal.—Pernel Barnett, 630 E Washington St., Orange, low bidder at $6622 to const. conc. pipe sewer with brick manholes in Frontenac Ct. from Broadway to Ocean Ave.

SAN BERNARDINO, Cal.—Until 7:30 p. m., Jan. 14, bids will be rec. by council to imp. Main St., bet. G and H Sts.; grade and pave with 5-in. cem. conc., const. 2-ft. walks, conc. curbs, corru. iron culverts; 1911 act. J. H. Osborn, city clerk.

OAKLAND, Cal.—City council, E. K. Sturgis, Clerk, declares inten. to imp. following streets:

Ninth Ave. bet. E-14th St. and D St., involv. grade and pave; const. curbs, gutters, corru. iron and conc. culverts; one wood culvert; sewer with lamphole.

A St., bet. 82nd and 93rd Aves., involv. grade and pave; const. curbs, gutters; sewers.

92nd Ave. and adjacent right of way bet. E-14th and G Sts., involv. grade and pave; const. curbs, gutters; 3 corru. iron and conc. culverts with handholes and one corru. iron and conc. culvert without handholes; one wood culvert; inlets and conduits.

B St., bet. 83rd and 92nd Aves., involv. grade and pave; const. curbs and gutters.

Crossings of 22nd Ave. with E-28th and E-29th Sts., involv. grade and pave const. curbs, gutters and walks; corru. iron and conc. culvert with handholes.

All under 1911 Act Protests Jan. 31. W. W. Harmon, City Eng.

SAN RAFAEL, Marin Co., Cal.—J. A. Johnson, warden of San Quentin Prison, petitions county supervisors to const. new road connecting Greenbrae to San Rafael-San Quentin Ferry at San Quentin. Convict labor will probably construct the road.

PETALUMA, Sonoma Co., Cal.—Until Jan. 21, 7:30 p. m., bids will be rec. by Lyman Green, city clerk, to const. 6-in. ironstone pipe sewer in Walnut St. from manhole in Kent St. to manhole in Oak St. 1915 Bond Act. Cert. check 10% payable to city req. Plans obtainable from clerk.

SALINAS, Monterey Co., Cal. — City Eng. Howard Cozzens preparing spec. to pave Gabilan St., bet. Salinas and Capital. Petition to pave Central Ave. bet. Main and Villa Sts., taken under advisement by council.

EL SEGUNDO, Cal. — C. W. Sparks, 103 Henne Bldg., Los Angeles, awarded cont. by city trus. to imp. Maple Ave bet. Main and Virginia Sts., involving grading 2.5c sq. ft., curb 70c ft., walk 23c ft., 5-in. oil macad. 15c ft.

GLENDALE, Cal. — The $1,600,000 sewer bond issue carried; issue will provide funds for both a city sewerage system and an outfall, which is to connect with the Los Angeles outfall near the Santa Fe Station, Los Angeles. The internal sewer system for the city of Glendale comprises nine mains, estimated to cost $277,966. These mains will be of pipe varying from 8-in. to 24in. dia. The main outfall, which will have a total length of 49,744 ft., will begin at Aviation Dr. and end at 6th and Utah Sts. The nine mains will tap it at points as follows: Main No. 1, Tyburn and Hollydale Dr.; Main No. 2 at Parkdale Ave.; Main 2-A and No. 3 to connect with No. 2; Main No. 4 at Colorado St.; Main No. 5 joins with Main No. 4; Main No. 6 at Aviation Dr; Mains Nos. 7 and 8 connect with Main No. 6. The outfall line will contain 5480 ft. 42-in. 5740 ft. 45-in., 28,905 ft. 48in., 1910 ft. 51-in. and 7709 ft. 54-in. pipe. The type selected will be chosen by competitive bids. The engineering work is being done by the firm of Burns & McDonnell, 415 Marsh-Strong Bldg., Los Angeles, Chester A. Smith, in charge.

PASADENA, Cal. — E. H. Walters, Box 154, Covina, awarded contr. by city directors to imp. East St., bet. El Molino St. and Oak Knoll Ave., involv. 2-in. macad. 13c sq. ft., walk 21c sq. ft., grading 25c lin. ft., curb 60c lin. ft., gutter 31c sq. ft.

RIVERSIDE, Cal. — E. P. Aseltine, Corona, awarded contr. by supervisors at $6875 to haul and spread crushed rock, under direction of Wm. S. Conner, road supt. Chas. Hair, Riverside, bid $10,347.56.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
35	Curia	Erickson	3500
36	Lang	Owner	6000
37	Gonzales	Owner	2000
38	Filippo	Owner	1500
39	Hurlihy	Christiansen	8000
40	Frankenau	Scvhwarz	4300
41	Leventrett	Barritt	11350
42	R C Archbishcp	Irwin	5750
43	Lacey	Owner	7500
44	Brown	Hallgren	6000
45	Priolo	Simpson	2000
46	Hawkins	Door	2000
47	Bruzza	Owner	6000
48	Mangels	Mangels	8000
49	Richmond	Cahill	40000
50	Liebman	Owner	20000
51	Werner	Fink	9800
52	Elkington	Ellington	12500
53	Price	Arras	5700
54	Stiener	Thomas	8650
55	Quinn	Weismann	490
56	Veyhle	Little	60,000
57	Swenson	Wengard	6325
58	Callahan	Owner	5000
59	Costello	Owner	9000
60	Craigmile	Leigh	5000
61	Halabird	Gingren	18990
62	Werner	Fink	25981
63	Standard	Cahill	284000
64	Helbing	Owner	30000
65	Cutler	Owner	6000
66	Kinread	Kinread	7000
67	Foon	Owner	1500
68	Western	McClintock	2000
69	Hoing	Rasori	1000
70	Fritsch	Owner	15000
71	Worths	Owner	9000
72	Signa	Owner	3000
73	McKenzie	Owner	12000
74	Wilkins	Barbee	1000
75	Bienfield	Owner	5000
76	Johnson	Owner	40000
77	Weisman	Ownerf	45000
78	Hooper	Owner	21000
79	Bah	Coburn	29408
80	Sixth Church	Coburn	6976
81	Same	Michel	882
82	Hamill	Hamill	10000
83	Chalmers	Hamill	6000
84	Warden	Hladik	21000
85	Hemminga	Owner	12000
86	Boe	Owner	4000
87	Boe	Owner	4000
88	Voorhies	Owner	20000
89	Candies	Hitchner	1950
90	Barrett	Barrett	5000
91	Gray	Owner	4000
92	Beigel	Owner	3000
93	Knox	Knox	8000
94	Calif.	Owner	1600
95	Janssen	Owner	8000
96	Krupps	Halsen	4400
97	Brown	Hallgren	8000
98	Battaglia	Larsen	5000
99	Horn	Kronquist	4000
100	Dobert	Owner	6000
101	Akerson	Owner	3000
102	Wesendunk	Owner	7600
103	Anchor	Owner	2000
104	Bernstein	Universal	4125
105	Burroughs	Owner	1000
106	Fetana	Owner	7500
107	Storheim	Owner	10000
108	Hoffmeyer	Owner	18000
109	Parmalee	Owner	1000
110	Johnson	Owner	3500
111	Fitzhugh	Mallott	3473
112	Hcise	Haggans	12500

DWELLING
(35) E PLYMOUTH 200 W Grafton. One-story and basement frame dwelling.
Owner—Nicola Curia, 1825 Church St., San Francisco.
Architect—None.
Contractor — Henry Erickson, 1825 Church St., S F. $3500

DWELLING
(36) E PACHECO 450 N Castenada. Two-story and basement frame dwelling.
Owner—Lang Realty Co., 1st National Bank Bldg., San Francisco.
Architect—H. Stoner, 1st National Bk. Bldg., San Francisco. $6000

DWELLING
(37) NW RUSSIA AND LA GRANDE Ave. One-story and basement frame dwelling.
Owner—Demetrio Gonzales, 250 Dublin St., San Francisco.
Plans by Owner. $2000

GARAGE
(38) SW YOSEMITE AND THIRD. One-story brick private garage.
Owner — Maria Filippo, 5524 3rd St., San Francisco.
Architect—None. $1500

FRAME FLATS
(39) W BAKER 50 N Filbert. Two-story and basement frame (4) flats.
Owner—W. B. Hurlihy.
Architect—None.
Contractor — Christiansen Bros., 518 28th Ave., San Francisco. $8600

BUILDING
(40) NE FOURTH 55 NW Stillman NW 25xNE 75. All work for one-story brick building.
Owner—Dorothy Frankenau, 3152 Washington St , San Francisco.
Architec — Charles Schwarz, 1444-A Hyde St., San Francisco.
Contractor — Charles Schwartz, 1444-A Hyde St., San Francisco.
Filed Jan 3, '21. Dated Jan. 3, '24.
Brick walls ready for ceiling joists $1613
Completed and accepted..... 1612
sual 35 days 1075
TOTAL COST, $4300
Bond, $2156. Sureties, N. Anderson & A. A. Zelinsky Limit, 60 days. Forfeit, none. Plans and specifications filed.

STORE
(41) W FILLMORE 110 S Ellis. One-story and mezzanine floor concrete store.
Owner—Marion Leventrett, St. Francis Hotel, San Francisco.
Architect—G. A. Lansburgh, 140 Montgomery St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., S. F. $11,350

OFFICE
(42) E MISSION 35 S Crescent Ave. One-story frame office.
Owner—Roman Catholic Archbishop of S. F., 1100 Franklin St., S. F.
Engineer—Purnett & Parez, 58 Sutter St., San Francisco
Contractor—Jas. J. Irwin, 801 Cabrillo St., San Francisco. $5750

APARTMENTS
(43) S PINE 43-6 W Polk. Three-story and basement frame (5) apartments.
Owner—E. V. Lacey, 180 Jessie St., San Francisco.
Architect—None. $7500

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

FRAME FLATS.
(44) N ARMY 121 E Church. Two-story and basement frame (2) flats
Owner—Ward P. Brown, 3582 17th St., San Francisco.
Architect—None.
Contractor — August Hallgren, 311 Hayes St., San Francisco. $6000

DWELLING.
(45) 734 CHENERY STREET. One-story and basement frame dwelling.
Owner—Paul Priolo, 732 Chenery St., San Francisco.
Architect and Contractor—Frank Simpson, 809 Bryant St., San Francisco. $2000

DWELLING.
(46) S VASQUEZ 100 E Laguna Honda. One-story and basement frame dwelling.
Owner — Hawkins Improvement Co., Mills Bldg, San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—A. D. Door, 366 8th Ave., San Francisco. $2000

FLATS.
(47) E BRYANT 129 N Twenty-fifth. Two-story and basement frame (2) flats.
Owner—P. Bruzza, 2679 Bryant St., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco. $6000

DWELLING.
(48) W SANTA CLARA 205 N St. Francis Blvd. Two-story and basement frame dwelling.
Owner—M. C. & W. J. Mangels, 4792 Mission St., San Francisco.
Architect—B. C. Corbett, 1720 Pacific St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco $8000

LOFTS.
(49) TENTH AND BRANNAN AND Division Sts. Four-story and basement Class C lofts.
Owner—Richmond Sanitary Mfg. Co., 406 2nd St., San Francisco.
Architect—John H. Powers & John H. Ahnden, 460 Montgomery St., San Francisco.
Contractor—Cahill Bros., Sharon Bldg., San Francisco. $40000

APARTMENTS.
(50) N FILBERT 100 W Van Ness. Three-story and basement frame (15) apartments.
Owner—Ben Liebman, 407 11th Ave., San Francisco.
Architect—R. R. Irvine, 736 Call Bldg., San Francisco. $20000

ALTERATIONS.
(51) 253 GEARY STREET. Remove partitions and install show windows—other alterations.
Owner—Frank Werner Co., 253 Geary St., San Francisco.
Architect—Ward & Blohme, 454 California St., San Francisco.
Contractor—The Fink & Schindler Co., 226 13th St., San Francisco. $9800

FLATS.
(52) S LAKE 82'6" E Twenty-seventh Ave. Two-story and basement frame (4) flats.
Owner—E. J. Elkington & Victor Westerlund, 1291 33rd Ave. and 589 25th Ave., San Francisco.
Architect—None.
Contractor—Geo. J. Ellington, 1291 33rd Ave., San Francisco. $12500

BUILDING
(53) SW HARRISON AND HOWARD. All work for one-story concrete bldg.
Owner—Merton J. Price, 850 Pacific Bldg., San Francisco.
Architect—Dodge A. Riedy, 850 Pacific Bldg., San Francisco.
Contractor—Adam Arras Co., 185 Stevenson St., San Francisco.
Filed Jan. 4, 1924. Dated Dec. 2, 1923.
Excavating completed $1000
Concrete walls poured 2175
Completed and accepted 1100
Usual 35 days 1425
TOTAL COST, $5700
Bond, $2850; Sureties, J. S. Malloch and M. H. Gnecco; Forfeit, none; Limit, 40 days; Plans and specifications filed.

BUILDING
(54) N GREENWICH 25 E Broderick N 87-6 x E 25. All work except painting, electric work, glass and glazing, light fixtures and shades for 1-story and basement frame building.
Owner—Jos. S. & Dora Steiner, 3006 Broderick St., San Francisco.
Architect—E. A. Neumarkel, 544 Market St., San Francisco.
Contractor — John C. Thomas, 5429 Geary St., San Francisco.
Filed Jan. 4, 1924. Dated Jan. 3, 1924.
Roof on 2162
Brown coated 2162
Completed and accepted 2162
Usual 35 days 2164
TOTAL COST, $8650
Bond, Sureties, Forfeit, none; Limit, 100 days; Plans and specifications filed.

ADDITIONS
(55) 4599 EIGHTEENTH STREET. Additions to building.
Owner—James Quinn, 35 Hattie St., San Francisco.
Architect—Nnoe.
Contractor—L. M. Weismann & Son 4067 18th St., San Francisco.
Filed Jan. 4, 1924. Dated Dec. 26, 1923.
Completed and accepted $490
TOTAL COST, $490
Bond, Sureties, Forfeit, none; Limit, 13 days; Plans and specifications, none.

APARTMENTS
(56) N EDDY 62-6 E Hyde. Six-story and basement Class C (32) apartments.
Owner—Messrs. Veyhle & Collins.
Architect—E. E. Young, 2002 California St., San Francisco.
Contractor—M. A. Little, 555 Geary St., San Francisco. $60,000

DWELLING
(57) E PLYMOUTH AVE 100 N Holloway. One-story and basement frame dwelling.
Owner—Morton S. Swenson, 380 Sixth Ave., San Francisco.
Architect—None.
Contractor—C. Wengard, 1286 34th Av., San Francisco. $6325

ALTERATIONS
(58) SW SPEAR 275 SE Mission. Reconstruct store front; install hydraulic elevator and 30 h. p. boiler
Owner—Garrett Callahan, 30 Fremont St., San Francisco.
Architect—W. H. Crim Jr. & Hamilton Murdock, 425 Kearny St., San Francisco. $4000

DWELLINGS
(59) W TWENTY-FIFTH AVE 25, 50 and 75 N Cabrillo. Three two-story and basement frame dwlgs.
Owner—Costello Bros., 821 34th Ave., San Francisco.
Architect—None. $3000 each

DWELLING
(60) W THIRTY-FOURTH AVE 60 S Cabrillo. One-story and basement frame dwelling.
Owner—Robt. Craigmile, 807 34th Ave. San Francisco.
Architect—None.
Contractor—David Leigh, 807 34th Ave., San Francisco. $4000

LOFT BLDG.
(61) S HOWARD 85 W Second 25 on Howard and 50 on Tehama. All work for one-story and basement Class C loft building.
Owner—R. D. Holabird, % Ohio Brass Co., Hobart Bldg., S. F.
Architect—R. G. McDougall, 393 Sacramento St., San Francisco.
Contractor — Lindgren & Swinerton, Standard Oil Bldg., S. F.

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Filed Jan. 5, '24. Dated Dec. 31, '23.
When building completed contractor to receive.....$1500
TOTAL COST, $18,990
Bond, $18,990. Surety, The Aetna Casualty & Surety Co. Limit, forfeit, none. Plans and specifications filed.

STORE FIXTURES
(62) S GEARY bet. Stockton and Powell No. 253 Geary. All work for store fixtures in building.
Owner—Frank Werner Co., Premises.
Architect—Ward & Blohme, 454 California St., San Francisco.
Contractor — The Fink Schindler Co., 226 13th St., San Francisco.
Filed Jan. 5, '24. Dated Jan. 3, '24.
On 1st and 15th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $24,981
Bond, $8000. Surety, Globe Indemnity Co. Limit, Feb. 18, 1924. Forfeit, $50. Plans and specifications filed.

WAREHOUSE
(63) NW NINTH AND BRANNAN. All work for warehouse building.
Owner—Standard Sanitary Mfg. Co., 551 Sutter St., San Francisco.
Architect—None.
Contractor—Cahill Mfg. Co., Sharon Bldg., San Francisco.
Filed Jan. 5, '24. Dathed Nov. 19, '23.
Payments as work progresse of amount of work done and material furnished as approved by architect .....
On completion, balance due....
TOTAL COST, $284,000
Bond, limit, forfeit, plans and specifications, none.
(Contractor to receive $15,000.)

APARTMENTS
(64) SW CHESTNUT AND POLK STS. Three-story and basement frame (12) apartments.
Owner—Wm. Helbing, 1332 Lombard St., San Francisco.
Plans by Owner $30,000

DWELLINGS
(65) W EDNA 25 and 50 S Staples. Two one-story and basement frame dwellings.
Owner—W. T. Cutler, 540 O'Farrell St., San Francisco.
Plans by Owner. $3000 each

FRAME FLATS
(66) E FIFTENTH AVE 225 N Irving. Two-story and basement frame (2) flats.
Owner — Catherine A. Kinread, 1667 Hayes St., San Francisco.
Architect—None.
Contractor—W. H. Kinread, 1667 Hayes St., San Francisco. $7000

ALTERATIONS
(67) NO. 564 GEARY. Remodel store for restaurant.
Owner—O. Foon.
Architect—None. $1500

ELECTRIC SIGN
(68) SE MARKET AND SIXTH. Erect electric clock sign.
Owner—Western States Life Insurance Co., Market and 6th Sts, S. F., ery St., San Francisco.
Contractor—O. B. McClintock Co., 139 Lyndale Ave. North, Minneapolis, Minn. $2000

REPAIRS
(69) SE OCEAN AVE AND JULES. General repairs for store; lower main floor and change front.
Owner—S. Honig, 410 Williams Bldg., San Francisco.
Architect—R. R. Irvine, 736 New Call Bldg., San Francisco.
Contractor—S Rasori, 410 Williams Bldg., San Francisco. $1000

APARTMENTS
(70) S O'FARRELL 114-3 E Leavenworth. Three-story and basement concrete (4) apartments.
Owner—J. Fritsch, 825 Monadnock Bldg., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco. $16,000

ALTERATIONS.
(71) NO. 222 POWELL. Excavate for basement; install posts; piers; construct flooring; new store front; cement plastering, etc.
Owner—"Worths," % Architect.
Architect—Bernard J. Joseph, 74 New Montgomery St., San Francisco. $9000

DWELLING
(72) E POMONA 250 N Thornton St. Two-story and basement frame dwelling.
Owner — Pierre Signa, 1436 Oakdale Ave., San Francisco.
Architect—G. A. Berger, 261 Valencia St., San Francisco. $3000

FRAME FLATS
(73) SE FRANCISCO AND LAGUNA. Two-story and basement frame (2) flats.
Owner—Chas. A. McKenzie, Insurance Exchange Bldg., San Francisco.
Architect—None. $12,000

ALTERATIONS
(74) NO. 735 THIRTY-SIXTH AVE. Enlarge kitchen; remodel for private garage quarters; add sun sun porch for dwelling.
Owner—E. O Wilkins, 3306-A California St., San Francisco.
Plans by Owner. $1000

DWELLING
(75) E THIRTIETH AVE 225 S California. Two-story and basement frame dwelling.
Owner—D. L. Bienfield, 447 21st Ave., San Francisco.
Architect—None. $5000

APARTMENTS
(76) W VAN NESS 82-6 and 122-6 S Francisco. Two three-story and basement frame (12 in each bldg.) apartments.
Owner—Axel A. Johnson, % Architect.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $20,000 each

APARTMENTS
(77) E FRANKLIN 52-6 S Chestnut. Three-story and basement frame (18) apartments.
Owner—Max Weisman, 1410 8th Ave., San Francisco
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—Not Determined. $45,000

FRAME FLATS
(78) E GOUGH 25, 50 and 75 S Chestment frame (2 in each building), flots.
Owner—J. M. Hooper, 33 Geneva St., San Francisco.
Architect—None. $7000 each

APARTMENTS
(79) SW GEARY AND LAGUNA. All work and three-story and mezzanine frame building (restaurant and apartments).
Owner—Huey Bah, 1542 Geary St., San Francisco.
Architect—W. R. Yelland, 414 13th St., Oakland.
Contractor—Ira W. Coburn, 712 Hearst Bldg., San Francisco.
Filed Jan. 7, '23. Dated Dec. 24, '23.
Frame erected $7352
1st coat plaster on..... 7352
Completed and accepted..... 7352
Usual 35 days..... 7352
TOTAL COST, $29,408
Bond, $14,704. Sureties, C. Sartorio & Geo. Rehn. Limit, May 10, 1924 Forfeit, none. Plans and specifications filed.

BUILDING
(80) SE DIVISADERO & CLAY 106-3 x S 127-8¼ W 25 N 25 W 81-3 N 102-8¼. Carpenter work except interior trim for 1-story and mezzanine and basement brick building.
Owner—Sixth Church of Christ Scientist.
Architect—W. H. Crim Jr. & Hamilton Murdock, 425 Kearny St., S. F.
Contractor—Ira W. Coburn, 712 Hearst Bldg., San Francisco.
Filed Jan. 7, 1924. Dated Jan. 3, 1924.
Roof completed $2616
Completed and accepted 2616
Usual 35 days 1744
TOTAL COST, $6976
Bond, $3488; Sureties, Geo. Rehn & C. Sartoris; Forfeit, $30; Limit, as fast as possible; Plans and specifications filed

(81) MISCELLANEOUS IRON WORK on above.
Contractor — Michel & Pfeffer Iron Works, 1415-1437 Harrison St., San Francisco.
Filed Jan. 7, 1924. Dated Jan. 3, 1924.
Completed and accepted $661.25
Usual 35 days 221.25
TOTAL COST, $882.50
Bond, Sureties, none; Forfeit $30, Limit as fast as possible; Plans and specifications filed.

STORES & FLATS
(82) S BALBOA 53-6 & 79-6 W 41st Ave. Two 2-story and basement frame stores and flats.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $5000 each

FLATS
(84) NW EIGHTH AVE AND JUDAH 2-story and basement frame (2) flats.
Owner—Harry Chalmers, 6140 Geary, San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $6000

APARTMENTS
(84) N WEIGHTH AVE. AND JUDAH Street, 3-story and basement frame (17) apartments.
Owner—Fred Warden, 1515 11th Ave., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco. $21,000

RESIDENCES
(85) E FORTY-FIFTH AVE. 120 145 170 S Geary. 3 2-story and basement frame residences.
Owner—Nick Hemminga, 705 22nd Ave. San Francisco.
Architect—None. $4000 each

DWELLING
(86) E GENESEE 100 N Hearst Ave. 1-story and basement frame dwlg.
Owner—Anders M. Boe, 730 Joost Ave. San Francisco.
Architect—None. $4000

DWELLING
(87) E GENESEE 75 N Hearst Ave. 1-story and basement frame dwlg.
Owner—Anders M. Boe, 730 Joost Ave., San Francisco.
Architect—None. $4000

APARTMENTS
(88) N JACKSON 35 E Baker. 3-story and basement frame (6) apts.
Owner—W. R. Voorhies, 12 Loyola Terrace, San Francisco.
Architect—None. $20,000

MARQUISE
(89) 2573 MISSION STREET. Erect Marquise for store.
Owner—Varellas Candies, premises.
Architect—None.
Contractor—Hitchner Bros., 200 9th St., San Francisco. $1950

COVER ROOF
(90) S O'FARRELL 68-9 E Taylor. Cover present roof with temporary roof (auto storage).
Owner—Lawrence Barrett.
Architect—R. W. Jenkins.
Contractor—Barrett and Hilp, 918 Harrison St., S. F. $5000

DWELLING
(91) N PARK 160 E Andover. 1-story and basement frame dwelling.
Owner — A. L. Gray, 4 Park St., San Francisco.
Architect—S. Tarbut. $4000

DWELLING
(92) N SILVER AVE. 50 W Congdon. 1½-story & basement frame dwlg.
Owner—Alex Beigel, 195 Silver Ave., San Francisco.
Architect—None. $3000

FLATS
(93) E TWENTIETH AVE. 225 N Balboa. 2-story and basement frame (2) flats.
Owner—Orrin Knox, 543 Balboa St., San Francisco.
Architect—None.
Contractor — Orrin Knox & Son, 543 Balboa St., San Francisco. $8000

SHOOTING GALLERY
(94) NW TURK & POLK STREETS. Erect shooting gallery in 5th floor of California Hall Building.
Owner — California Hall Association (San Francisco Schuetzen Verein), premises.
Architect—None. $1600

DWELLINGS
(95) N TURK 313-5½ 338-4½ E Arguello Blvd. 2 1-story & basement frame dwellings.
Owner—E. A. Janssen, 402 Hearst Bldg San Francisco.
Architect—None. $4000 each

DWELLING
(96) N ULLOA 57 E 24th Ave. 1-story and basement frame dwelling.
Owner—August and Annastatia Krupps 763 6th Ave., San Francisco.
Architect—None.
Contractor — Halsen and Sioblom, 37 Fair Ave., San Francisco. $4400

FRAME FLATS
(97) N ARMY 121 E Church E 25x 114 H A 59. All work for two-story and basement frame building (2) flats.
Owner—P. Ward Brown, 3582 17th St., San Francisco.
Architect—None.
Contractor — August Hallgren, 311 Haye St., San Francisco.
Filed Jan. 8, '24. Dated Jan. 3, '24.
Roof on $2000
Finish coat plaster on..... 2000
Accepted 2000
Usual 35 days..... 2000
TOTAL COST, $8000
Bond, $4000. Sureties, Alpheus Duffie and Wm. F. Dockey. Limit, forfeit, none. Plans and specifications filed.

DWELLING
(98) W ALABAMA 200 S Precita. One-story and basement frame dwelling.
Owner—Salvatore Battaglia, — Alabama St., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.
Architect—Axel R. Larson, 516 Sunnyside Ave., San Francisco. $5000

DWELLING
(99) N JOOST AVE 100 E Edna. One-story and basement frame dwlg.
Owner — Henry Horn, 319 17th Ave., San Francisco.
Architect—A. J. Kronquist, 725 Elizabeth St., San Francisco.
Contractor—Kronquist & Jacobson, 725 Elizabeth St., S. F. $4000

DWELLINGS
(100) W MADRID 200 AND 225 N Avalon. Two one-story and basement frame dwellings.
Owner—Henry Dobert, 402 Avalon Ave San Francisco.
Architect—None. $3000 each

ALTERATIONS
(101) SW O'FARRELL & WEBSTER. New roof; minor repairs and changes for apartments and stores
Owner—A. Akerson, 14 Isis St., San Francisco.
Architect—None. $3000

DWELLINGS
(102) SW ONONDAGA 100 and 125 NW Cayuga. Two one-story and basement frame dwellings.
Owner—A. A. Wesendunk, 1747 Dolores St., San Francisco.
Plans by Owner. $3800 each

ALTERATIONS
(103) NO. 11 AND 13 STEUART. Construct steps from 2nd floor to basement; install fire escapes; electric work, etc.
Owner — Anchor Packing Chain, Inc., 402 Humboldt Bank Bldg., S. F.
Architect—None. $2000

ALTERATIONS
(104) NO. 46 THIRD. General alterations and repairs to restaurant.
Owner—M. Bernstein, Premises.
Architect—M. J. Lyon, 916 Kearny St., San Francisco.
Contractor—Universal Constr. Co., 916 Kearny St., S. F. $4125

ALTERATIONS
(105) SW BRYANT AND RINCON STS. Erect shelving and partitions in repair shop.
Owner—Burroughs Adding Machine Co. 38 Stevenson St., San Francisco.
Architect—None. $1000

ALTERATIONS
(106) NO. 421 EIGHTH AVE. Replace present stud walls with reinforced concrete walls; colums; tar and gravel roofing and other repairs.
Owner—D. Fontana, Premises.
Architect—A. H. Knoll, Hearst Bldg., San Francisco. $7500

APARTMENTS
(107) SW FIFTEENTH AVE. AND Anza St. Two-story and basement frame (4) apartments.
Owner—M. P. Storheim, 201 Caselli Ave., San Francisco.
Architect—R. R. Irvine, 736 Call Bldg., San Francisco. $10000

APARTMENTS
(108) N FRANCISCO 151' 9" E Franklin Two-story and basement frame (4) apartments.
Owner—C. H. Hoffmeyer, 180 Jessie St. San Francisco.
Architect—W. C. Mahoney, ——. $18000

ALTERATIONS, ADDITION
(109) 1530 FILLMORE STREET. Construct mezzanine floor and erect partitions — minor additions for store and factory.
Owner—Parmalee Art Co., premises.
Architect—None. $1000

DWELLING
(110) S LAKE 90' W Twenty-second Ave. ; One-story and basement frame dwelling.
Owner—J. Johnson, 308 28th Ave., San Francisco.
Architect—None. $3500

STORE BUILDING
(111) N POST 137.6 W Stockton W 37.6 N 137.6. All work for composition flooring, 3-story and basement store building.
Owner—Mr. M. and Mary E. Fitzhugh.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—Mallott & Peterson, 2412 Harrison St., San Francisco.
Tenth day each month.....75%
Usual 35 days 25%
TOTAL COST, $3473
Bond, $1737; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit none; Limit, 20 days; Plans and Specifications filed.

ALTERATIONS
(112) SE MARKET 43 SW Noe SW 62-2¾ S 88-4¼ S 80 N 42-9¼ W 32-8 N 86-0¾ M B 115. All work for alterations and additions to one-story frame building.
Owner—W. L. Heise, Rm. 711, 110 Sutter St., San Francisco.
Architect—Albert W. Burgren, 110 Sutter St., San Francisco.
Contractor—Chas. Haggans, 50 Stanton St., San Francisco.
Filed Jan. 9, '24. Dated Dec. 12, '23.
Floor raised and roof on.....$3125
White coated 3125
Completed and accepted..... 3125
Usual 35 days..... 3125
TOTAL COST, $12,500
Bond, $6250. Sureties, O. C. Holt and E. K. Nelson. Limit, 90 days. Forfeit, $10. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
Jan. 3, 1924—NE VALLEJO AND Octavia E 50xN 137-6. A Nardini to John Morton Co.....Dec. 29, 1923
Jan. 3, 1923—N SACRAMENTO 130-6 W Montgomery N 119-6 W 22-11½ S 59-8 E 0-5 S 59-10 E 22-6¾. Mergenthaler Linotype Co to Francis O'Reilly, Atlas Electric Co and Scott Co.....Dec. 26, 1923
Jan. 3, 1924—W JONES 77-6 N Turk N 60xW 68-9. Hugo F Ramacciotti to John Morton Co.....Dec. 31, 1923
Jan. 3, 1924—W MASONIC AVE 92 and 118 N Fulton. W R Voorhies to whom it may concern....Jan. 2, 1924
Jan 3, 1924—S SUTTER 115-6¼ W Webster W 21-11¾xS 137-6. Lucius L Solomons to whom it may concern.....Dec. 31, 1923
Jan. 3, 1924—E HARRISON 25 S Twenty-sixth. Mrs. J C Formosa to A R Larsen.....Jan. 2, 1924
Jan. 3, 1924—NO. 3535 WASHINGTON. Charles Hirshfeld to Gas Heating Co.....Dec. 31, 1923
Jan. 3, 1924—S 10 FT. LOT 17 and N 40 ft. Lot 16 Blk 3251, Balboa Terrace. O M Hueter to Boxton & Zwieg.....Jan. 2, 1924
Jan. 3, 1924—N SACRAMENTO 130-6 W Montgomery N 119-6 W 22-11½ S 59-8 E 0-5 S 59-10 E 22-6¾. Mergenthaler Linotype Co to Arthur Elvin; California Artistic Metal & Wire Co.; W Heidt Cornice Works; Frederick W Snook & Co; Cobbledick Kibbe Glass Co and California Mill Co.....Dec. 26, 1923
Jan. 3, 1924—W TWENTY-SEVENTH Ave 75. 50 and 25 N Ulloa N 25x 97-6; NW 27th Ave and Ulloa, 25x 97-6; N Ulloa 97-6 and 127-6 W 27th Ave W 30x100; W Twenty-seventh Ave 200 S Taraval S 25x120 Parkside Realty Co. of S. F. to whom it may concern.....Jan. 2, 1924
Jan. 4, 1923—N FULTON 94 W 41st Ave W 25xN 100. Jack B Nichols to Meyer Bros.....Dec. 24, 1923
Jan. 4, 1924—W FORTY-FIRST AVE 27-6 N Fulton N 23-9xW 95. Jack B Nichols to Meyer Bros. Dec. 24, 1923
Jan. 4, 1924—W FORTY-FIRST AVE 225 N Fulton N 25xW 120. Jack B Nichols to Meyer Bros..Dec. 24, 1923
Jan. 4, 1924—W FORTY-FIRST AVE 250 N Fulton N 25xW 120. Norma Potter to Meyer Bros...Dec. 24, 1923
Jan. 4, 1924—W FORTY-FIRST AVE 150 N Fulton N 25xW 120. Thos J Draffin to Meyer Bros...Dec. 24, 1923
Jan. 4, 1924—W FORTY-FIRST AVE 75 N Fulton N 25xW 95. Geo J Steiger Jr to Meyer Bros. Dec. 24, '23
Jan. 4, 1924—W FORTY-FIRST AVE 51-3 N Fulton N 23-9xW 95. John E Hanson to Meyer Bros..Dec. 24, '23
Jan. 4, 1924—W FORTY-FIRST AVE 175 N Fulton N 25xW 120. John E Meyer Bros.....Dec. 24, 1923
Jan. 4, 1924—W FORTY-FIRST AVE 125 N Fulton N 25xW 120. Thomas J Draffin to Meyer Bros.....Dec. 24, 1923
Jan. 4, 1924—N TARAVAL 35 W 18th Ave 25x100. Annie F Swift to C T Magill.....Jan. 2, 1924
Jan. 4, 1924—E BRUSSELS 175 N Burrows N 25x120. Dr. Adeline Williams to whom it may concern .....Jan. 2, 1924
Jan. 4, 1924—LOT 3 BLK 29, Amended Map Ingleside Terraces. Gordon W and Linnie Morris to whom it may concern.....Dec. 20, 1923
Jan. 4, 1924—S GEARY 137-6 E Leavenworth E 36-6xS 137-6. Matilda A Feeley to C P W Jensen.....Nov. 17, 1923
Jan. 4, 1924—W FORTY-FIRST AVE 100 N Fulton N 25xW 120. Geo J Steiger Jr to Meyer Bros..Dec. 24, '23
Jan. 4, 1924—E JONES 100 S Sutter S 37-6xE 107-6. Angelo J and Erminia Ferroggiaro to whom it may concern.....Jan 3, 1924
Jan. 4, 1924—NW TWENTY-FIRST Ave and Cabrillo N 100xW 32-6. Nick Hemminga to whom it may concern.....Jan. 4, 1924
Jan. 4, 1924—E EIGHTEENTH AVE 260 N Judah. Ernest Bortfeld to D W Ross.....Jan. 3, 1924
Jan. 4, 1924—SW CABRILLO AND Thirty-fifth Ave S 75 W 95 S 25 W 25 N 100 E 120. Harry Wissman to Meyer Bros.....Jan. 2, 1924
Jan. 4, 1924—COM. 32-6 W Twenty-sixth Ave and California — 25xS 100. Panagiotis and Evadokis Evergitis to A M Hardy..Dec. 27, '23
Jan 4, 1924—N CHESTNUT 219-9 W Van Ness Ave W 27-6xN 137-6. Anna L Cole to Meyer Bros. .....Jan. 2, 1924
Jan. 5, 1924—E ASHTON AVE 275 N Grafton Ave N 25x112. Carl Olson to whom it may concern.**Jan. 29, 1923**
Jan. 5, 1924—W GOLDEN GATE AVE 90 W Laguna No. 1013 Golden Gate Ave. Realty Buyers & Sellers Inc. to whom it may concern.Dec. 14, 1923
Jan. 5, 1924—E FIFTEENTH AVE 115 S Judah E 82-7½ S 25-1½ W 85-1½ N 25. H and Margaret E Connatt to John E McCarthy.....Jan. 3, 1924
Jan. 5, 1924—S SUTTER 217-7 E Montgomery E 57-6 S 119-4½ m or l S W71-10½ m or l N 159-9⅞. Provident Securities Co to J P Fraser.....Dec. 10, 1923
Jan. 5, 1924—E FIFTH AVE 125 S Cabrillo 25x120. Karl H Holmgren to whom it may concern.....Jan. 3, 1924
Jan. 5, 1924—E TWENTY-SEVENTH Ave 200 N Geary N 25 E 124-11⅝ m or l S 25-1⅝ m or l W 127-7 m or l tobeg. Max and Regina Taylor to H O Lindeman.....Jan. 3, 1924
Jan. 5, 1924—E TWENTY-SEVENTH Ave 225 N Geary N 25 E 122-4¼ m or l S 25-1⅝ m or l W 124-11⅝ m or l to beg. Max and Regina Taylor to H O Lindeman.....Jan. 3, 1924
Jan. 5, 1924—E CASTRO 89 N 24th N 25xE 55. Theresa Gibeau to whom it may concern....Jan. 3, 1924
Jan. 7, 1924—E WEST PORTAL AVE Lot 24 Blk 2979-A bet. Ulloa and Vicente Sts. Milton H Lees to Morrow & Garren.....Jan. 2, 1924
Jan. 7, 1924—N HOWARD 297 W 3rd. Molton H Lees to Morrow & Garren .....Jan. 2, 1924
Jan. 7, 1924—W ELEVENTH AVE 63-9 S Folsom 45x82 m or l. Samuel Schell to whom it may concern.. .....Jan. 2, 1924
Jan. 7, 1924—W THIRTY-THIRD Ave 125 N Cabrillo N 25xW 120. Dominic Tiscornia to whom it may concern.....Jan. 7, 1924
Jan. 7, 1924—140 E OF FOLK No. 166 Sacramento 30x118. Harry M. and Hazel M Payne to whom it may concern.....Jan. 7, 1924
Jan. 7, 1924—E TWENTY-SECOND Ave 130-3 S Irving S 26xE 120. Theodore Veyhle to whom it may concern.....
Jan. 7, 1924—E TWENTY-THIRD AV 225 N Irving 25x120. Arthur Stevens, C A and G W Stevens to whom it may concern...Jan. 7, 1924
Jan. 7, 1924—LOT 19 BLK 3136 Westwood Park. Hans and Esther E Nelson to whom it may concern .....Jan. 5, 1924
Jan 8, 1924—N PACIFIC 208 E Leavenworth E 23xN 60. Paul Jeanmare to F S Damante.....Jan. 8, 1924
Jan. 8, 1924—E CAPITOL AVE 225 N Lakeview Ave E 112-6xN 25 Lot 15 Blk 13, Lakeview. B F Johnson to Jas Arnott & Son.....Dec. 1, 1923
Jan. 8, 1924—E SEVENTH 55 S Bryant 25x80. Louis P Howe to Buschke & Brown.....Jan. 5, 1924
Jan. 8, 1924—SE BUSH AND Sansome 57x97 No. 60 Sansome. The Continental Ins Co and The Fidelity Phoenix Fire Ins Co of N. Y. to Leonard Constr Co..Dec. 29, 1923
Jan. 7, 1924—W SAN BRUNO AVE 100 S Silver Ave. Edward Trevett to James G Neish.....Nov. 23, 1923
Jan. 7, 1924—S JACKSON 82-6 E Broderick 30x127-6. John J Kingwell to J Frout.....Dec. 20, 1923
Jan. 9, 1924—E SEVENTEENTH AVE 100 S Geary S 25xE 120. Marguerite E Smith to David Leigh.....Jan. 8, 1924
Jan. 9, 1924—NE FULTON AND Twenty-fourth Ave N 100xE 32. Fred H Ohe to Nels P Johnson.....Jan. 5, 1924
Jan. 9, 1924—S ANZA 102 E 15th Ave. Ivar Bellman to Johnson & Anderson .....Jan. 9, 1924
Jan. 9, 1924—OAKLAND FERRY IN Ferry Bldg. Southern Pacific Co to W Heidt Cornice Works.....Jan. 5, 1924

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones—the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert S. Samuels Co. JEWELERS
33 Kearny 895 Market

Jan. 9, 1924—E TWENTY-SIXTH Ave 100 N Ulloa N 25x120. Wm Thompson to whom it may concern .....Dec 31, 1923
Jan. 9, 1924—NW GEARY AND 18th Ave N 150 W 120 S 50 E 32-6 S 100 E 87-6. Alex E Levin to G B Fasqualetti .....Dec. 15, 1923

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Jan. 3, 1924—N CLINTON PARK 117 W Guerrero W 25xN 75. George Godfrey vs Valentine and J Kryslak and Wm Remmers.....$450
Jan. 3, 1924—NE WASHINGTON AND Gough N 139-4½xE 130. Monson Bros vs Joseph L Stewart.$84,248.67
Jan. 4, 1924—SW PINE & BELDEN Place S 20xW 60 m or l to Kearny. G W Hansbrough vs J O'Hasse and C H Crocker.....$68.50
Jan. 5, 1924—W FORTY-SECOND AV 100 S Geary S 25xW 115. Reinhart Lumber & Planing Mill Co vs A G Bennett $1155.96
Jan. 8, 1924—S HAIGHT 105 W Broderick W 75xS 120. E W Hawkey, $90; J H Netherton, $51.50; E J Wood, $90 vs Imshenetsky and Geo Ballet .....
Jan. 9, 1924—W SAN BRUNO AVE 175 S 18th S 25xW 125. Sterling Electric Co vs L Salomon, John & Veronica Fugina $193
Jan. 9, 1924—S CHESTNUT 90.23 E Lyon E 25xS 137-6. James T Tobin vs P L and Caroline B Shuman.$280
Jan. 9, 1924—W SAN BRUNO AV 175 S Eighteenth S 25xW 125. N Abend vs John and Veronica Fugina and L Salomon $187.60
Jan. 9, 1924—S LINCOLN WAY 50 E Twenty-sixth Ave E 25xS 100. National Plumbing Supply Co vs Elizabeth and Wm Elmer, Emma Lutley, D J Beasley and W J McKellar $166

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
Jan. 3, 1923—W CLAYTON 110 N Frederick N 25xW 125. H A Chalmers to Jahn R and Margaret A Kelly and W Andeson.....$97.25
Jan. 7, 1924—NW STILLMAN 90 NE Third NE 135xNW 70. Robt F Smith to J R Chinn.....
Jan. 8, 1924—SW CLARION AVE & Mission S 23-4xW 60. Berger Mfg Co and Marshall & Stearns Co to Herman T Ludwig and Ernest Steffen .....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Jan. 7, 1924—N HAIGHT 55 E Octavia E 55xN 120. Jeannette and Paul G Mary as to improvements on property.....
Jan. 7, 1924—NO. 4541 MISSION ST. Morrill Estate Inc as to improvements on property.....
Jan. 8, 1924—E MISSION 185 N Twenty-first N 60xE 122-6. Mary Hefferman as to improvements on property .....
Jan. 9, 1924—SW VAN NESS AVE & Austin S 60xW 100. Ernest C Hueter Extr Est E L Hueter, dec'd. as to improvements on property..
Jan. 9, 1924—SE MARKET 400 SW Third SW 25 SE 100 NE 10 SW 70 NE 20 NW 70 SW 5 NW 100. Schwartz Kasser Imp Co as to improvement on property.....
Jan. 9, 1924—E GRANT AVE 77-6 S Fine E 60xN 77-6. Louise H Mahony as to improvements on property .....

RELEASE OF BLDG CONTRACT

SAN FRANCISCO COUNTY

Jan. 4, 1924—SW HARRISON AND Harriet. Merton J Price with Adam Arras Co.....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an Index for the contracts in this issue.

No.	Owner	Contractor	Amt.
33	Littlepage	Owner	1000
34	Suendemann	Owner	2000
35	Seighold	Coward	25000
36	Pfrang	Owner	7000
37	Gay	Henderson	2000
38	Glantz	Owner	4000
39	Rossi	Kulchar	3000
40	Johnson	Johnson	1200
41	Rinkert	Owner	3900
42	Williams	Dater	1380
43	Stahl	Owner	5000
44	Nyman	Owner	3900
45	Pinkert	Owner	3900
46	Saroni	Pond	12800
47	Russell	Owner	3000
48	Kessler	Vaughan	9500
49	City of Oakland	Faulkes	13000
50	Williams	Knight	17000
51	Dunscourt	King	7000
52	Nivola	Owner	1000
53	Hawkins	Owner	2800
54	Marquis	Owner	10000
55	Grubbs	McCord	4500
56	Morton	Henderson	5750
57	Townsend	Owner	4800
58	Secombe	Owner	8000
59	Union	Owner	3000
60	Wilson	Owens	3400
61	Hughes	Owner	6000
62	Morlan	Owner	2800
63	Muir	Bishop	14000
64	Lyon	Muller	1200
65	Shepherd	MacGregor	5950
66	Union	Owner	3100
67	Campbels	Falk	2000
68	Orton	Owner	3000
69	Banks	Gossett	11959
70	Holmes	Burns	3850
71	Armanio	Owner	5500
72	Dunn	Munroe	5000
73	Brown	Owner	4000
74	Brown	Owner	3500
75	Young	Owner	6000
76	Marczinzek	Owner	1000
77	Wakefield	Heyer	2100
78	Roth	Murch	40000
79	Etchsevory	Porter	9000
80	Ballantine	Thermolight	5000
81	Ballantine	Thermolight	2000
82	Berkeley	Owner	3500
83	Corty	Wise	2500
84	Dowling	Owner	10500
85	Heeseman	Oxford	1345
86	Hannigan	Owner	4750
87	Taylor	Calif.	13500
88	Ateerbury	Owner	3000
89	Da Pauli	Kelman	6000
90	Fisher	Owner	5000
91	Bolger	Owner	1400
92	Blasingame	Owner	3000
93	Griffith	Owner	2400
94	Dunian	Owner	1800
95	Berg	Owner	5000
96	Billett	Millin	26487
97	McFarlan	Livingston	7340
98	Williams	Owner	3500
99	Manner	Owner	2000
100	Carpenter	Owner	3750
101	Cropperd	Rose	1000
102	Schoening	Schoening	5000
103	Taylor	Owner	3000
104	Carlos	Owner	17000
105	Pestrober	Balliet	3000
106	Lapham	Lapham	4000
107	De Bruyn	Schroeder	4900
108	Mosbanhers	Owner	5000
109	Oakes	Owner	4500
110	Lyon	McIntier	10500
111	Owen	Owen	2875
112	Brennan	Flittner	3400
113	Whalln	Owner	4950
114	Mosbachers	Murch	11000
115	Brennan	Flittner	3700
116	Hunter	Ambruster	2500
117	Burns	Smith	5500
118	McFarlan	Livingston	11000
119	Suyer	Betz	7600
120	Moore	McDuffy	8000
121	Hess	Weismann	6000
122	Bacchio	Owner	1200
123	Simonson	Norlin	3750
124	Anderson	Anderson	3700
125	Porter	Gregor	1500
126	Cadey	Owner	1500
127	Walker	Owner	6000
128	Rechling	Bold	1800
129	Mattison	Owner	3200
130	Emery	Emery	3500
131	Henig	Bruck	1682
132	Watson	Owner	3800
133	Noble	Owner	3000
134	Rasmussen	Pederson	3700
135	Anderson	Owner	3100
136	Stenbeck	Loehr	6000
137	Hughes	Owner	3000

ADDITION
(33) NO. 1149 EUCLID AVE., Berkeley Addition.
Owner—J. C. Littlepage, Premises.
Architect—None. $1000

DWELLING
(34) NO. 1910 EIGHTH ST., Berkeley. One-story 5-room dwelling.
Owner—J. Suendermann, 921 University Ave., Berkeley.
Architect—None. $2000

APARTMENTS
(35) NO. 2741-43-45-47 GARBER ST., Berkeley. Two-story 19-room apartments.
Owner—H. C. Seighold, 5944 Claremont Ave., Oakland.
Architect—None.
Shafter Ave., Oakland. $25,000

DWELLING
(36) NO. 2428 OREGON ST., Berkeley. One-story 6-room dwelling.
Owner—H. C. Pirang, 5659 Ocean View Drive, Berkeley.
Architect—None. $7000

REPAIRS
(37) NO. 2347 PROSPECT ST., Berkeley. Fire repairs.
Owner—Dr. Gay.
Architect—None.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland. $2000

DWELLING.
(38) 1305 E-THIRTY-SIXTH ST., Oakland. One-story 5-room dwelling.
Owner—C. W. Glantz, 4122 E-14th St., Oakland.
Architect—None. $4000

ALTERATIONS.
(39) SW COR. FOURTEENTH AND Washington Sts., Oakland. Alterations.
Owner—G. Rossi.
Architect—None.
Contractor—S. Kulchar Co., 8th Ave. and E-19th St., Oakland. $3000

SERVICE STATION.
(40) NE COR. FIFTY-SIXTH AND Grove Sts., Oakland. One-story tile service station.
Owner—O. E. Johnson.
Architect—None.
Contractor — Johnson & Smith, 3809 Telegraph Ave., Oakland. $1200

DWELLING.
(41) 820 FORTIETH ST., Oakland. One-story 5-room dwelling.
Owner—Otto Rinhert, 3510 Peralta St., Oakland.
Architect—None. $3900

ALTERATIONS.
(42) 1641 FIFTH STREET, Oakland. Alterations.
Owner—J. Williams.
Architect—None.
Contractor—S. Dater, 2928 Schuyler St. Oakland. $1380

DWELLING.
(43) E GROSVENOR PLACE 135 N Underhill Road, Oakland. One-story 6-room dwelling.
Owner—Stahl Bros., Central Bank Bldg Oakland.
Architect—None. $5000

DWELLING.
(44) S LYON AVE, 220 E Thirty-eighth Ave., Oakland. One-story 6-room dwelling.
Owner—Ivan Nyman, 3845 Lyon Ave., Oakland.
Architect—None. $3900

DWELLING.
(45) 4024 LUSK STREET, Oakland. One-story 5-room dwelling.
Owner—Otto Pinkert, 3510 Peralta St., Oakland.
Architect—None. $3900

DWELLINGS.
(46) 2731 & 2761 SIXTY EIGHTH Ave.; 2450 & 2518 Sixty-fifth Ave., Oakland. Four 1-story 5-room dwellings.
Owner—Louis Saroni, 732 Battery St., San Francisco.
Architect—None.
Contractor—C. P. Pond, 6664 E-14th St., Oakland. $3200 each.

DWELLING.
(47) E THIRTEENTH AVE., 70 S Hopkins, Oakland. One-story 4-room dwelling.
Owner—Chas. A. Russell, 3528 Porter St., Oakland.
Architect—None. $3000

STORES.
(48) NE COR. THIRTY-EIGHTH and Foothill Blvd., Oakland. One-story frame stores.
Owner—N. Kessler & M. Gordon, Hopkins and Excelsior, Oakland.
Architect—None.
Contractor—W. T. Vaughan, 65 Sequoia Ave., Oakland. $13000

SCHOOL.
(49) TENTH AND UNION STS., Oakland. Portable school.
Owner—City of Oakland.
Architect—None.
Contractor—John R. Faulkes, 9828 E-14th St, Oakland. $13000

APARTMENTS.
(50) E WARFIELD AVE., 200 N Cottage, Oakland. Two-story 16-room apartments and garage.
Owner—W. H. Williams.
Architect—None.
Contractor—Harry C. Knight, 388 12th St., Oakland. $17000

STORE
(51) NO. 2040 CENTER ST., Berkeley. One-story Class C store.
Owner—C. E. Dunscourt.
Architect—None.
Contractor—Geo. F. King, 1920 Vine St., Berkeley. $7000

ALTERATIONS
(52) NO. 913 CAMELIA ST., Berkeley. Alterations.
Owner—E. Nivola, premises.
Architect—None. $1000

DWELLING
(53) NO. 2025 EMERSON ST., Berkeley One-story 6-room dwelling.
Owner—H. J. Hawkins, 2139 Essex St., Berkeley.
Architect—None. $2800

DWELLINGS
(54) NO. 1294, 1296, 1286 OXFORD St., Berkeley. Three one-story 5-room dwellings.
Owner — F. E. Marquis. 2045 Shattuck Ave., Berkeley.
Architect—None. $10,000

DWELLING
(55) NO. 1446 RUSSELL ST., Berkeley One-story 6-room dwelling.
Owner—A. J. Grubbs, 2840 California St., Berkeley.
Architect—None.
Contractor—E. J. McCord, San Leandro $4500

DWELLING
(56) NO. 946 SAN BENITO, Berkeley. One-story 6-room dwelling.
Owner—Amy K. Morton.
Architect—None.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland. $5750

DWELLING
(57) NO. 698 VICENTE, Berkeley. One-story 6-room dwelling.
Owner—F. Townsend, 840 San Luis Rd., Berkeley.
Architect—None. $4800

DWELLINGS.
(58) W BRUCE ST., 65 S E-Thirty-sixth St., Oakland. Two 1-story 5-room dwellings.
Owner—A H. Secombe, 414 7th St., Oakland.
Architect—None. $4000 each.

SERVICE STATION.
(59) NE COR. E-FOURTEENTH ST. and 38th Ave., Oakland. One-story steel service station.
Owner—Union Oil Co.
Architect—None. $3000

DWELLINGS.
(60) S FLORA 25 & 63 W Sixty-fifth Ave., Oakland. Two 1-story 5-room dwellings.
Owner—W. D. Wilson, 706 36th St., Oakland.
Architect—None.
Contractor—W. K. Owen, 852 36th St., Oakland. $3400

DWELLING.
(61) N JAYNE 65 W Euclid, Oakland. One and one-half-story 7-room dwelling.
Owner—A. B. Hughes. 738 Rand Ave., Oakland.
Architect—None. $5000

DWELLING.
(62) E LINCOLN AVE., 87 S Delmer, Oakland. One-story 4-room dwelling.
Owner—N. Morian, 2417 Delmer, Oakland.
Architect—None. $2800

APARTMENTS & GARAGE.
(63) NW COR. MATHER AND Gilbert Sts., Oakland. Two-story 16 room apartments and garage.
Owner—J. B. Muir, 5430 Thomas St., Oakland.
Architect—None.
Contractor—J. B. Bishop, 811 Adams St., Albany. $14000

ADDITION.
(64) N NINETEENTH ST., 60 E Broadway, Oakland. Addition.
Owner—H. B. and E. C. Lyon.
Architect—None.
Contractor — F. A. Muller, Syndicate Bldg., Oakland. $1200

DWELLING.
(65) W PALOMA AVE., 102 N Longridge Rd., Oakland. One and one-half-story 7-room dwelling.
Owner—Ethel Shepherd, 519 13th St., Oakland.
Architect—None.
Contractor—C. M. Mac Gregor, 470 13th St., Oakland. $5950

SERVICE STATION.
(66) SW COR. PIEDMONT and Moss Aves., Oakland. One-story steel service station.
Owner—Union Oil Co.
Architect—None. $3100

WORK SHOP.
(67) 4131 PIEDMONT AVE., Oakland. Two-stery work shop.
Owner—M. Campbells, 2156 Telegraph Ave., Oakland.
Architect—None.
Contractor — Chas. W. Falk, 1520 E 38th St., Oakland. $2000

DWELLING.
(68) 3114 SIXTY-SECOND AVE., Oakland. One-story 4-room dwelling
Owner—A. E. Orton, 2558 Seminary Ave Oakland.
Architect—None. $3000

BUILDING
(69) LOT 6 SEARLES TRACT, Oakland. 1-story brick and frame bldg.
Owner—George P. Banke, San Leandro.
Architect—None.
Contractor — Chester A. Gossett, 327 Davis St., San Leandro.
Filed Jan. 4, 1924. Dated Jan. —, 1924.
Walls up to roof trusses .....¼
Roof completed .....¼
Completed and accepted .....¼
36 days after .....¼
TOTAL COST, $11,959
Bond, $4000; Sureties, C. I. Gilbert; Forfeit, $10; Limit, 60 days; Plans and specifications filed.

DWELLING
(70) E NEILSON ST. 175 N Marin Ave., Albany. All work for 1-story dwelling.

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Owner—Edward & Dora Holmes, Oakland.
Architect—None.
Contractor—C. G. Burns, 2182 38th Ave Oakland.
Filed Jan. 4, 1924. Dated Dec. 6, 1923.
Frame up .....¼
Plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $3850
Bond, Sureties, Forfeit, none; Limit, as soon as possible; Plans and specifications, none.

DWELLING
(71) S ARMANINO COURT 110 E College Ave., Oakland. One-story 8-room 2-family dwelling.
Owner—G. B. Armanino, 29 Armanino Court, Oakland.
Architect—None. $5500

DWELLING
(72) W EVERETT AVE 60 N Galvin St., Oakland. One-story 6-room dwelling.
Owner—Mrs. M. Dunn.
Architect—None.
Contractor—J. W. Munroe, 5538 Claremont Ave., Oakland. $5000

DWELLING
(73) NO. 1419 E-THIRTY-SIXTH ST., Oakland. One-story 6-room dwlg.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $4000

DWELLING
(74) NO. 1415 E-THIRTY-SIXTH ST., Oakland. One-story 5-room dwlg.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3500

DWELLING
(75) S SIXTY-THIRD 46 E Racine St., Oakland. One-story 8-room 2-family dwelling.
Owner—W. S. Young, 533 63rd St., Oakland.
Owner—W. S. Young, 533 63rd St., Okd
Architect—None. $6000

REPAIRS
(76) NO. 3218 THIRTEENTH AVE, Oakland. Fire repairs.
Owner—Carl Marczinzck, Premises.
Architect—None. $1000

BUILDING
(77) N SEVENTEENTH ST. 100 E Bdwy SE 100 NE 100, Oakland. Excavation for 5-story reinforced concrete office building.
Owner—Wakefield Building Inc., Oakland.
Architect—McCall & Davis, Central Bk Bldg., Oakland.
Contractor — Chas. W. Heyer, Dalziel Bldg., Piedmont.
Filed Jan. 4, 1924. Dated Jan. 3, 1924.
1st and 15th day each month.....75%
Usual 35 days 25%
TOTAL COST, $2100
Bond, Sureties, None; Bonus $10 day; Forfeit, $10 day; Limit, 15 days; Plans and specifications filed.

ADDITION
(78) 2045 UNIVERSITY AVE., Berkeley. Two-story 56-room addition to one-story concrete store.
Owner—Rebecca F. Roth.
Architect—Aug. Headman, Call Bldg, San Francisco.
Contractor—Murch Williams Construction Co., Fox Bldg., Oakland. $40000

DWELLING
(79) 2598 BUENA VISTA, Berkeley. Two-story 7-room dwelling.
Owner—B. A. Etchsevory.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.
Contractor—H. H. Porter, 2947 Piedmont Ave., Berkeley. $9000

DWELLING
(80) 1512 LA LOMA, Berkeley. One-story 3-room concrete dwelling.
Owner—J. K. Ballantine, Jr., 1715 Oxford St., Berkeley.
Architect—None.
Contractor — Thermolight Bldg. Co., San Jose. $5000

DWELING
(81) 1514 LA LOMA, Berkeley. One-story 3-room concrete dwelling.
Owner—J. K. Ballantine, Jr., 1715 Oxford St., Berkeley.

Architect—None.
Contractor — Thermolight Bldg. Co., San Jose. $2000

DWELLING
(82) 1858 SAN RAMON, Berkeley. One-story 6-room dwelling.
Owner—Berkeley Bldg. Co., 2029 Shattuck Ave., Berkeley.
Architect—None. $3500

DWELLING
(83) E BUENA VISTA AVE. 100 N Brookside, Oakland. One-story 5-room dwelling.
Owner—Mary Corty.
Architect—None.
Contractor—M. F. Wise, 1661 68th Ave., Oakland. $2500

DWELLINGS
(84) 488 492 494 CLIFTON ST., Oakland. Three one-story dwellings.
Owner—Geo. F. Dowling, Federal Bldg. Oakland.
Architect—None. $2500 each.

TUNNEI
(85) 1305 CLAY STREET, Oakland. Tunnel.
Owner—C. J. Heeseman and Mrs. A. Larkey.
Architect—None.
Contractor—J. A. Oxford. $1345

DWELING
(86) E CARLSTON AVE 50 S Mandana Blvd., Oakland. One-story 6-room dwelling.
Owner — Harvey W. Hannigan, 269 Athol Ave., Oakland.
Architect—None. $4750

APARTMENTS
(87) S E-FOURTEENTH ST. 50 E Fifth Ave., Oakland. Two-story (16 rooms) apartments and garage.
Owner—Wm. R. Taylor.
Architect—None.
Contractor — California Builders Co., 1524 Franklin St., $13500

DWELING
(88) SE COR. FORTY-SECOND AVE. and San Carlos Walk, Oakland. One-story 4-room dwelling.
Owner—A. R. Atterbury, 2036 42nd Ave Oakland.
Architect—None. $3000

DWELLING
(89) 6133 HARWOOD AVE., Oakland. Two-story 7-room dwelling.
Owner—D. A. Pauli, 1659 6th St., Alameda.
Architect—None.
Contractor—Kelman Bros., 3099 Telegraph Ave., Oakland. $6000

DWELLING
(90) 1295 HOLMAN ROAD, Oakland. One-story 6-room dwelling.
Owner—H. P. Fisher, Syndicate Bldg., Oakland.
Architect—None. $5000

DWELLING
(91) 1623 ONE HUNDRED AND Third Ave., Oakland. One-story 3-room dwelling.
Owner—Bolger & Plowman, 3215 Fernside Blvd., Alameda.
Architect—None. $1400

DWELLING
(92) W ONE HUNDRED AND NINTH Ave., 300 S Myers St., Oakland. One-story 5-room tile dwelling.
Owner—G. R. Blasingame, 3700 San Juan Ave., Oakland.
Architect—None. $3000

DWELLING
(93) 2019 2015 ONE HUNDRED AND Second Ave., Oakland. Two one-story 3-room dwellings.
Owner—C. W. Griffith.
Architect—None. $1200 each

DWELLING
(94) W SEVENTY-EIGHTH AVE. 100 N Beck St., Oakland. One-story 4-room dwelling.
Owner—Geo. Duncan, 2523 78th Ave., Oakland.
Architect—None. $1800

DWELLING
(95) 1639 WELLINGTON, Oakland. One-story 6-room dwelling.
Owner—Edward Berg, 836 53rd St., Oakland.
Architect—None. $5000

WAREHOUSE
(96) SW CORNER OAK AND THIRD Streets, Oakland. All work for 2-story concrete warehouse.
Owner—E. R. Billett, 605 Mira Vista, Berkeley.
Architect—E. W. Cannon, Central Bank Bldg., Oakland.
Contractor—Mellin & Taylor, 351 12th St., Oakland.
Filed Jan. 7, 1924. Dated Dec. 28, 1923.
5th day each month 75%
Usual 35 days 25%
TOTAL COST, $26,487
Bond, $13,244; Sureties, Union Indemnity Co.; Bonus, $25 day; Forfelt, $25 day; Limit, 70 days; Plans and specifications filed.

DWELLING
(97) NE COR. HAWTHORNE TERrace & Vine St. 50 by 140 Berkeley. All work for 2-story frame dwlg.
Owner—Frederick McFarlan 1445 Hawthorne, Berkeley.
Architect—John White, 35 Montgomery St., San Francisco.
Contractor—W. Llvingston & Son, Berkeley.
Filed Jan. 7, 1924. Dated Jan. 5, 1924.
Frame up $1835
Lathed 1235
Completed and accepted 2435
Usual 35 days 1835
TOTAL COST, $7340
Bond, Sureties, Forfeit, none; Limit 100 days; Plans and specifications filed.

DWELLING
(98) NO. 1528 BERKELEY WAY, Berkeley. One-story 5-room dwelling
Owner — E. R. Williams, 3381 Peralta Ave., Oakland.
Architect—None. $3500

DWELLING
(99) NO. 2129 BYRON, Berkeley. One story 4-room dwelling.
Owner—Alex Manner, Premises.
Architect—None. $2000

DWELLING
(100) NO. 2240 DERBY S., Berkeley. One-story 5-room dwelling.
Owner—E. E. Carpenter, Hotel Whitecotton, Berkeley.
Architect—None. $3750

REPAIRS
(101) NO. 2937 KING ST., Berkeley. Fire repairs.
Owner—G. Cropperd.
Architect—None.
Contractor—A. H. Rose, 525 17th St., Oakland. $1000

DWELLING
(102) NO. 1940 LOS ANGELES, Berkeley. Two-story 7-room dwelling
Owner—Mrs. Eleanor Schoening, 3033 Grove St., Berkeley.
Architect—None.
Contractor — Herman Schoening, 3033 Grove St., Berkeley. $5000

DWELLING
(103) NO. 1382 HEARST AVE., Berkeley. One-story 5-room dwelling
Owner—B. C. Taylor, 1621 10th Ave., Oakland.
Architect—None. $3000

APARTMENTS
(104) NO. 2131 HEARST AVE., Berkeley. Two-story 20-room apartments and 4 garages.
Owner—Carlos & Howat, 654 Oakland Ave., Oakland.
Architect—None. $17,000

DWELLING
(105) NO. 1906 VINE ST., Berkeley. One-story 5-room dwelling.
Owner—M. Pestrober and A. Talluboff, Monadnock Bldg., San Francisco.
Architect—None.
Contractor—Geo. Balliet, 4184 17th St., San Francisco. $3000

DWELLING
(106) W EIGHTIETH AVE 240 N Alder, Oakland. One-story 5-room dwelling.
Owner—A. R. Lapham, 634 Geary St., San Francisco.
Architect—None.
Contractor—R. E. Lapham, 2451 61st Ave., Oakland. $4000

GARAGE
(107) SE FOURTEENTH AVE AND E-15th St., Oakland. One-story brick and tile garage.
Owner—G. De Bruyn, 2300 13th Ave., Oakland.
Architect—None.
Contractor—A. G. Schroeder, 1099 66th St., Oakland. $4900

ALTERATIONS
(108) NO. 517 FOURTEENTH, Oakland Alterations.
Owner—Mosbachers, Premises.
Architect—None. $5000

DWELLING
(109) NO. 5918 FOURTEENTH AVE., Oakland. One-story 6-room dwlg.
Owner — F. J. Oakes, 3924 14th Ave., Oakland.
Architect—None. $4500

APARTMENTS
(110) W PARK BLVD 70 S Portland Ave., Oakland. Two-story 12-room apartments.
Owner—Florence Lyon.
Architect—None.
Contractor—H. W. McIntier, 1528 Franklin St., Oakland. $10,500

DWELLING
(111) E SIXTY-SECOND AVE 50 N Harmon Ave., Oakland. One-story 5-room dwelling.
Owner—R. L. Owen, 523 61st St., Okd.
Architect—None.
Contractor—D. T. Owen, 1732 50th Ave. Oakland. $2875

DWELLING
(112) NO. 2014 TWENTY-SIXTH AV., Oakland. One-story 5-room dwlg.
Owner—Emma Brennan, 210 Church St. San Francisco.
Architect—None.
Contractor — Jos. Flittner, 1700 35th Ave., Oakland. $3400

DWELLING
(113) E VERNON 300 S Perkins St., Oakland. One-story 6-room dwlg.
Owner—J. F. Whalln, Federal Bldg., Oakland.
Architect—None. $4950

ALTERATIONS
(114) NO. 517 FOURTEENTH ST., Oakland. All work for alterations to four-story and basement store building.
Owner—Mosbacher's Cloak & Suit House, 517 14th St., Oakland.
Architect—Morrow & Garren, Dalziel Bldg., Oakland.
Contractor — Murch-Williams Constr. Co, Fox Bldg., Oakland.
Filed Jan. 8, '24. Dated Jan. 7, '24.
Each month 75%
Usual 35 days..... 25%
TOTAL COST not over $11,000 plus 10%
Bond, none. Limit, Feb. 15, 1924. Forfeit, none. Plans and specifications filed.

DWELLING
(115) PTN LOT 23 Map Ghiradelli Tct. Oakland. All work for one-story five-room dwelling.
Owner — Emma Brennan, 210 Church St., San Francisco.
Architect—None.
Contractor — Jos. Flittner, 1700 35th Ave., Oakland.
Filed Jan. 8, '24. Dated Jan. 4, '24.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $3700
Bond, none. Limit, 90 days. Forfeit, $1. Plans and specifications filed.

DWELLING
(116) 2341 ACTON ST., Berkeley. 1-story 5-room dwelling and garage.
Owner—H. C. Hunter, 524 Cornell Ave., Berkeley.
Architect—None.
Contractor — A. Ambruster, 2437 Edwards St., Berkeley. $2500

DWELLING
(117) 800 CONTRA COSTA AVE., Berkeley. 1-story 6-room dwelling and garage.
Owner—Zarah A. Burns, 1716 Tacoma, Berkeley.
Architect—J. Harvey Smith.
Contractor—J. Harvey Smith, 508 Lexington, Berkeley. $5500

DWELLING
(118) NE HAWTHORNE TERRACE and Vine Path, Berkeley. 2-story 6-room dwelling.

Owner—Frederick McFarlan, Glengory Apts. Ridgeroad and Le Roy Ave., Berkeley.
Architect—J. White, 35 Montgomery St. San Francisco.
Contractor—W. Livingston, 2918 Ellis St., Berkeley. $11,000

DWELLING
(119) 1544 & 1546 Spruce St., Berkeley 2-story 9-room frame dwelling.
Owner — Emma Suyer, McKinley St., Berkeley.
Architect—None.
Contractor—C. G. Betz, 1815 Acton St., Berkeley. $7500

RESIDENCE
(120) TUNNEL ROAD AND ALVERado, Berkeley. 2-story 7-room residence.
Owner—Dr. J. O. Moore, Berkeley.
Architect—C. R. Madison, Shattuck and Addison, Berkeley.
Contractor—Mason McDuffy Co., Shattuck & Addison, Berkeley. $8000

FLATS
(121) 2005 VINE ST., Berkeley. Two 5-room flats.
Owner—Wm. T. Hess, Chronicle Bldg., San Francisco.
Architect—None.
Contractor — S. M. Weismann & Son, 4067 18th St., S. F. $6000

DWELLING.
(122) 985 THIRTY-NINTH STREET, rear, Oakland. One-story 3-room dwelling.
Owner—L. Bacchio, 3436 Hannah St., Oakland
Architect—None. $1200

DWELLING & GARAGE
(123) W AUSEON AVE. 75 N Birch St. Oakland. One-story 5-room dwelling and garage.
Owner — Benjamin J. Simpson, 2030 89th Ave., Oakland.
Architect—None.
Contractor—R. Norlin, 2016 84th Ave., Oakland. $3750

DWELLING & GARAGE
(124) SE COR. EIGHTEENTH AVE. E-16th St., Oakland. One-story 5-room dwelling and garage.
Owner—A. F. Anderson, 1916 24th Ave., Oakland.
Architect—None.
Contractor—G. E. Anderson, 2770 Foothill Blvd., Oakland. $3700

ALTERATIONS
(125) 4716 PARK BOULEVARD, Oakland. Alterations.
Owner—A. G. Porter, premises.
Architect—None.
Contractor—C. M. McGregor, 4701 13th St., Oakland. $1500

DWELLING
(126) N SHERIDAN ROAD 300 E Ayers, Oakland. One-story 4-room tile and cement dwelling
Owner—E. R. Cadey, Sheridan Road, Oakland.
Architect—None. $1500

DWELLINGS
(127) 936 942 THIRTY-SIXTH ST., Oakland. Two 1-story frame 5-room dwellings.
Owner—W. A. Walker, 3703 Ardley, Oakland.
Architect—None. $3000 each.

ADDITION
(128) 1614 THIRTY-FOURTH AVE., Oakland. Addition.
Owner—Mrs. E Rerchling, premises.
Architect—None.
Contractor—P. J. Bold, 1657 35th Ave., Oakland. $1800

DWELLING & GARAGE
(129) 2433 SCENIC AVENUE, Oakland. One-story 4-room dwelling and garage.
Owner—E. T. Mattison, 3629 Laguna Ave., Oakland.
Architect—None. $3200

FLATS
(130) E SHAFTER AVE NO. 4112, Oakland. 2-story 4-room flats.
Owner—L. E. Emery, 551 41st St., Oakland.
Architect—None.
Contractor—Chas. D. Emery, 551 41st St., Oakland. $3500

DWELLING
(131) E FORTIETH AVE 133 S E-14th St., Oakland. 1-story 3-room dwlg.
Owner—Miss L. Henig, 1241 40th Ave., Oakland.
Architect—None.
Contractor—Thos. Bruck, 1236 48th Av., Oakland. $1682

DWELLING
(132) 2924 E SEMINARY AVE, Oakland. 1-story 5-room dwelling.
Owner—Wm. Watson, 3407 Elwood Ave Oakland.
Architect—None. $3800

DWELLING
(133) 911 FIFTY-EIGHTH ST., Oakland. 1-story 5-room dwelling.
Owner—G. H. Noble, 1336 Park St., Alameda.
Architect—None. $2000

DWELLING
(134) N MOSS AVE. 100 W Vernon, Oakland. 1-story 3-roo mdwelling.
Owner—B. Rasmussen.
Architect—None.
Contractor—Jensen & Pederson, 3443 Adeline, Oakland. $3700

DWELLING
(135) E TWENTY-SIXTH AVE. 80 S E-21st, Oakland. 1-story 5-room dwelling and garage.
Owner—Chas. Anderson, 2044 26th Ave. Oakland.
Architect—None. $3100

ADDITION
(136) 191-93 TWELFTH ST., Oakland. Cold storage and smoke house addition and alterations.
Owner—Stenbeck Co., 1625 Broadway, Oakland.
Architect—None.
Contractor—Frank Loehr, 2615 Short, Oakland. $6000

DWELLING
(137) W SIXTIETH AVE 160 N Tevis St., Oakland. 1-story 5-room dwlg.
Owner—Hughes & Hozact, 4256 Piedmont Ave., Oakland.
Architect—None. $3000

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Jan. 3, 1924—S SANTA CLARA AVE 60 E Walsworth Ave E 60xS 60, Oakland. L R Dray and H J Kuhlmeyer to F A Muller.....Jan. 2, 1923

Jan. 3, 1924—LOTS 93, 94, 95 AND 96 Blk C Fruitvale Villa Tract, Oakland. Julia A Duhem to V L Duhem.....Dec. 31, 1923

Jan. 3, 1924—LOT 2, View Tract, Oakland. S Victor Davidow to whom it may concern.....Jan. 3, 1924

Jan. 3, 1924—LOT 20 BLK 12, Map Northbrae, Berkeley. Charles H Nicholson to whom it may concern. .....Dec. 28, 1923

Jan. 3, 1924—NO. 959 KINGSTON Ave., Piedmont. Martha Windsor to George Windsor.....Dec. 31, 1923

Jan. 3, 1924—PT. SW PARCEL LAND conveyed by Lorena J Edwards to Peter H F Schnoos recorded Liber 392 Offial Records Page 257 where intersected by E extension of S line Florio St. NW 8.63 from pt. beg NW 50 NE 91.39 SE 40 SW 109.22, Oakland. Leonard Asumaa to whom it may concern.....Jan. 2, 1924

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Jan. 3, 1924—LOTS 36 AND 37 BLK 2 Map Havenscourt, Oakland. Russell Parsons to J H Martin..... .....Dec. 27, 1923

Jan. 3, 1924—FIFTY-NINTH ST., Emeryville. S. P. Co. to Hutchinson Co.....Dec. 22, 1923

Jan 3, 1924—LOT 29 Map Fremont Tract, Oakland. John Knipe to whom it may concern.....Dec. 31, 1923

Jan. 3, 1924—LOT 2 BLK 9, Map Northbrae, Berkeley. M Victoria Meadley to Douglas Campbell.... .....Jan. 2, 1924

Jan. 3, 1924—N HOPKINS 60 W Dimond Ave W 65xN 35, Oakland. Charles Tepper to James P Gallagher and Fred Taten..Jan. 3, 1924

Jan. 4, 1924—NO. 7330 LOCKWOOD St., Oakland. Albert Roth to Victor Winther.....Dec. 15, 1923

Jan. 14, 1924—NE TWENTY-SECOND and Adeline N 250 E 127 S 36-6 E 127 S 213-6 W 254, Oakland. John Breuner Co to Royal Floor Co, Dec. 28, 1923; A K Goodmundson, Dec. 28, 1923; Logstrup & Thomsen.... .....Dec. 28, 1923

Jan. 4, 1924—PTN PLOT 84 V. & D. Peralta Rancho, Berkeley. Harold L and Dorothy H Bruce to William Kat.....Dec. 29, 1923

Jan 5, 1924—PTN LOT 29 BLK 6 Map Berkeley Heights, Berkeley. Albert Hammarberg to whom it may concern.....Jan. 2, 1924

Jan. 5, 1924—NO. 4116 Randolph Ave., Oakland. Mae Galliano to Joe Hansen .....June 20, 1923

Jan. 5, 1924—NO. 2426 THIRTY-eighth Ave., Oakland. J W Sigwald to whom it may concern.... .....Jan. 4, 1924

Jan. 5, 1924—LOT 68 Map Piedmont by-the-Lake, Oakland. Cecile B Roy to Diestel & Vezina.Jan. 2, 1924

Jan. 5, 1924—S PARK AVE 32-3½ E Watts E 64-8½ S 414,——. American Rubber Mfg Co to R W Littlefield.....Jan. 2, 1924

Jan. 4, 1924—SE SIXTEENTH AND Jefferson, Oakland. Arthur J Tucker to James L Rich..Jan. 2, 1924

Jan. 7, 1924—N SIXTY-SECOND ST. 33.14 W Shattuck Ave W 34 N 82.94 E 24.36 S 82.94, Oakland. E L Ingram to whom it may concern.. .....Jan. 6, 1924

Jan. 7, 1924—(1) LOT 1; (2) LOT 45; (3) Lot 49; (4) Lot 50; (5) Lot 51; (6) Lot 52, View Tract, Oakland. S Victor Davidow to whom it may concern.....Jan. 7, 1924

Jan. 7, 1924—LOT 15 Maple Heights Tract, Oakland. Arthur E Clark to Alder & Clark.....Jan. 7, 1924

Jan. 7, 1924—W HERZOG 100 S 60th St., Oakland. L J Bishop to whom it may concern.....Jan. 5, 1924

Jan. 7, 1924—E FRUITVALE AV 103 S Lynde S 47xE 124.94, Oakland. U O Diette to Oliver Legault..... .....Jan. 1, 1924

Jan. 7, 1924—LOT 39 BLK "K" Iveywood, Oakland. Charles W Griffith to whom it may concern.Jan. 4, 1924

Jan. 7, 1924—NO. 1162 WALNUT ST. Berkeley. Chris B Fox to Fox Bros.....Jan. 3, 1924

Jan. 7, 1924—PTN LOTS 18 AND 19 Blk 1, Map Graves & Taylor Tract, Berkeley. D T and Lydia A Blethroad to whom it may concern..... .....Jan. 4, 1924

Jan. 7, 1924—S E-FOURTEENTH ST. 48 W 36th Ave S 150 E 48 N 750 W 500, Oakland. Field & Lee to whom it may concern.....Dec. 28, 1923

Jan. 7, 1924—SE SEMINARY AVE 80 NE Brann St NE 40 SE 110 Oakland Amalie R. & J. A. Beyer to whom it may concern .....Dec. 21, 1923

Jan. 8, 1924—LOT 3 BLK A MAP Lakeshore Terrace, Oakland. Katherine E. Muller to Andrew Meyer.. .....Dec. 31, 1923

Jan. 8, '24—SE EIGHTY-FIRST AVE 40 SW Birch St. SW 40 SE 100, Oakland. William T. & E. Florence Mitchell to Chas. W. Lindquist.... ..... Jan. 2, 1924

Jan. 8, 1924—LOT 72 MAP DOWLING Homestead Tract, Oakland. William T & E Florence Mitchell to Chas. W. Lindquist.....Jan. 2, 1924

Jan. 8, 1924—SE COR. SEVENTH & Filbert Sts. E 100 S 95 9-12, Oakland. L. C. Bruzzone & Dominic Boero to G. A. Scott.....Jan. 7, 1924

Jan. 8, 1924—W EIGHTY-NINTH AV. 200 S E-14th St., Oakland. Lewis A. Bickell to California Builders Co. .....Jan. 4, 1924

Jan. 8, 1924—1830 E TWENTIETH ST Oakland. H. N. Baughman to California Builders Co.....Jan. 4, 1924
Jan. 8, 1924 — PORT LOT 3 MAP Bellevue Park, Piedmont. Mollie F. Seagrave to A. Cederborg.Dec 15, '23

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Jan. 3, 1924—LOTS 79 AND 80 BLK "A' Map Portion Alta Vista Tract, Oakland. Mayer Mfg Co vs W B Wilson $250.70
Jan. 3, 1924—NO. 1101 COTTAGE ST., Oakland. G A Johnson (General Mill & Lumber Co) vs Mary R Smith Trustee and Leo L Nichols.. .....$82.73
Jan. 3, 1924—NO. 1105 COTTAGE ST., Oakland. G A Johnson (General Mill & Lumber Co) vs Mary R Smith Trustee and Leo L Nichols.. .....$82.73
Jan. 4, 1924—W GROVE 45 N 38th St. N 50xW 125, Oakland. P J Pickering vs Fred Kuhnle and F J Fay $470
Jan. 5, 1924—(1) N COUNTY ROAD 2457 and NE County Road 625 NE 133.85 NW 250 SW 207.90 SE 260.74 (2) N County Road 2457 133.85 NE County Road 625 NE 170.87 NW 250, Oakland. Maxwell Hardware Co vs Rae P and Rose S Williams $183.75
Jan. 5, 1924—NO. 1227 SEVENTY-third Ave., Oakland. Marshall & Stearns Co vs H L Clement.....$54
Jan. 7, 1924—W CONTRA COSTA PL 150 N Contra Costa Ave, Oakland. Oakland Lime & Cement Co vs H R Abrahamson, Driscoll & Johnson and L A Jackson $238

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

Jan. 4, 1924—N HAYES 150 E 62nd Ave., Oakland. E L Blackman Co to Emma Johnson.....$815.65

Notice of Non-Responsibility

ALAMEDA COUNTY

Jan. 5, 1924—LOT 33 BLK 7, Map Chevrolet Park, Oakland. Realty Syndicate Co as to improvements on property .....

CANCELLATION OF CONTRACT

ALAMEDA COUNTY

Jan. 4, 1924—SE FORTY-THIRD AND Grove, Oakland. Martin Bienstelner with J B Petersen.

GRAFF-WINDLUND-GRAFF PERFECT BUSINESS ORGANIZATION

Graff-Windlund-Graff, specializing in builders' specialties, with main offices at 1761 Franklin street, and warehouse quarters at Third and Oak streets, Oakland, announce the completion of its organization to meet the brisk demand for building materials in the fast growing East Bay section during the year 1924.

Edwin C. Graff, former president of the Builders' Exchange of Alameda County, heads the organization. Graff is known in the East Bay section as a builder of homes, apartments, stores, manufacturing plants. He predicts great things for his home territory, particularly Oakland. During the current year Graff will devote his business to meeting the East Bay demand for asbestile shingles, sheets and corrugated; Zouri copper store front construction; sand, cement, colors and wallboard.

Pete Winlund, the next member of the organization, needs no introduction in the building field. He is known to practically every contractor and builder in the Bay section and is still going strong. Winlund has been associated with Edwin C. Graff for many years and is still on on even keel.

H. Henning Jr., follows a close third in the organization. Prior to his entry into the building field he was associated with the Standard Oil Company. During the past two years he was associated with Barbour's Mill, claimed the best "since 1784."

Last, but not least, comes Dick Phillips, building material man who knows every phase of the game from the early ages to date. Dick is well known to the trade and has established himself a business getter.

OAKLAND BUILDING TOTALS FOR DECEMBER, 1923

Classification of Bldgs.	No. of Permits	Cost
1-story dwellings	315	$ 961,327
1-st 2-family dwellings	4	23,700
1-st dwelling & stores	5	18,600
2-st dwellings	13	93,185
2-st flats	3	19,000
2-st apartments	9	117,800
2-st apartments & stores	3	45,860
1-st stores	5	18,650
1-s warehouse	1	12,000
1-st mill & office	1	4,000
1-st office	7	3,325
1-st school	1	825
1-st shop	1	3,500
1-st church	1	12,000
2-story factory	1	14,747
1-st tile factory	1	12,000
1-st tile service station	1	1,000
1-st tile addition	1	700
1-st tile shop	2	12,200
1-st tile garage	8	20,550
1-st tile stores	1	18,000
1-st tile stable	1	4,000
1-st concrete garage	11	40,240
1-st concrete stores	1	2,000
1-st concrete dwelling	1	7,500
2-st conc factory Add'l cost		1,200
7-st concrete office bldg.	1	300,000
1-st brick garage	1	200
1-st brick stores	1	17,735
1-st brick dwelling	1	3,000
2-st brick stores&offices	2	83,000
2-st brick addition	1	140,000
1-st brick & tile garage	2	9,440
1-st steel office bldg	1	2,000
1st steel service station	3	3,600
1-st steel comfort stn	3	650
1-st stel & conc stores	1	3,000
20-st stl office bld Add'l cost		400,000
1-st garages & sheds	256	57,924
Electric signs	31	6,735
Roof signs	1	300
Tank frames	1	300
Additions	75	47,735
Alterations & repairs	95	39,284
Total	874	$2,583,312

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

STORE, $8500; No. 1948 Los Angeles St., Fresno; owner, J. M. Menend, 1319 Broadway, Fresno; contractor, Carl Hovseplan, 640 L St., Fresno.
STORE building, $17,000; No. 604 Blackstone Ave., Fresno; owner, H. Baker; contractor, Valley Bldg. & Invst. Co.

COMPLETION NOTICES

FRESNO COUNTY.

Recorded Accepted

Dec. 28, 1923—LOT 7 N 15 ft. Lot 8 Blk 2. El Captain Addition, Fresno. R C Kennedy to whom it may concern.....Dec. 26, 1923
Dec. 28, 1923—LOTS 28 AND 29 BLK 12, Roeding Addition, Fresno. W B Watson and A F Lambert to whom it may concern.....Dec. 28, 1923
Dec. 28, 1923—LOTS 1 AND 2 BLK 1, Fresno Home and School Tct, Fresno. B G Townsend to whom it may concern.....Dec. 28, 1923
Dec. 29, 1923 — TRANQUILLITY. Tranquillity Elementary School District to Squire Cooper. Dec. 21, '23
Jan. 2, 1924—LOTS 15 AND 16 BLK 2, Shom Addition, Fresno. C D Edgerly to whom it may concern.....Dec. 31, 1923
Jan. 2, 1924—LOT 26, Blackstone Villa, Fresno. Carl C Anderson to whom it may concern...Dec. 31, 1923
Jan. 2, 1924—LOTS 11 AND 12 BLK 11, New High School Addn, Fresno. A F Wood to whom it may concern .....Dec. 29, 1923

LIENS FILED

FRESNO COUNTY

Recorded Amount

Dec. 26, 1923—LOTS 26 TO 31 BLK 116, Fresno. W W Lowther vs Annie T Griffith $168
Dec. 28, 1923—LOTS 80 AND 81, Crawford Park, Fresno. Routt Lumber Co vs Ivan Kilse.....$505
Dec. 28, 1923—LOTS 11 TO 16 BLK 6, Fresno. R E Linderstrand vs Frank Y. Chas W and R A Wong.$79
Dec. 28, 1923—LOTS 45 AND 46 BLK 11, College Addition, Fresno. W R Thomas vs M W Favors et ux and C M McKnight.....$46
Dec. 29, 1923—LOTS 37 AND 38, West Brae. H T Swinson vs J A Schlotthauer, ...$235
Dec. 29, 1923—LOTS 13 AND 14, Nishkian Tract, Fresno. Same vs Same, ...$240
Dec. 29, 1923—LOTS 1 TO 6 BLK 81, Fresno. Kyle & Co vs Aggressive Cales Co $4142
Dec. 29, 1923—SAME. Same vs A Knowle $322
Dec. 29, 1923—LOTS 35 & 36, Whitehouse Tract, Fresno. Sunset Lumber Co vs B G Townsend.....$776
Dec. 29, 1923—LOTS 13 AND 14, Nishkian Tract, Fresno. Same vs J A Schlotthauer $990
Dec. 29, 1923—LOTS 37 AND 38, West Brae. Same vs Same.....$915
Jan. 2, 1924—LOT 1 BLK 17, Fresno. Swastika Lumber Vo vs Josephine F Pagano and Jas Romano.....$820
Jan. 2, 1924—SAME. Jos. L Smith vs Same $477
Jan. 2, 1924—LOTS 35 AND 36, Whitehouse Tract, Fresno. Smith Hardware Co vs B G Townsen.....$92
Jan. 2, 1924—LOTS 13 AND 14, Nishkian Tract, Fresno. G B Phillips vs J A Schlotthauer $400
Jan. 2, 1924—SAME. Valley Electric Supply Co vs Same.....$52
Jan. 2, 1924—LOTS 1 TO 4 BLK 17, Fresno. Alex Brugnetti vs A P and Josephine Pagano.....$160
Jan. 4, 1924—LOTS 35, 36 WHITEhouse Tract, Fresno. R. O. Deacon Inc. vs B. G. Townsend.....$204
Jan. 4, 1924—LOT 6 E 17 FT OF LOT 7, Blk 2, St Francis Wood.....$191

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

GENERAL repairs and office fixtures, $3000; No. 914 7th St., Sacramento; owner, F. E. Atkinson and E. F. Lupper; contractor, Pierce Bocquit Co., 905 6th St., Sacramento.
DWELLING, one-story 5-room and garage, $2700; No. 562 38th St., Sacramento; owner, Mrs. A. S. Calhoun, 1222 Q St., Sacramento.
DWELLING, one-story 5-room and garage, $2900; No. 4859 T St., Sacramento; owner, Jos. Edenhofer, 3300 2nd Ave., Sacramento.
DWELLING, one-story 5-room and garage, $3200; No. 2025 30th St., Sacramento; owner, R. S. Swift, 3225 U St., Sacramento; contractor, E. R. Beebe, 916 38th St., Sacto.
TWO-story 4 flat, 3 rooms each and garage, $8000; No. 520 11th St., Sacramento; owner, W. D. McKoy, 3031 E St., Sacramento; contractor, H. G. Birdsall, 1513 13th St., Sacto.
DWELLING, one-story 3-room and garage, $2300; No. 416 42nd St., Sacramento; owner, V. O. Axtell, North Sacramento; contractor, W. H. Cox, 2018 19th St., Sacramento.
DWELLING, one-story 4-room and garage, $2950; No. 260 56th St., Sacramento; owner, M. S. Waters, 3716 S St., Sacramento.

THEATRE, $215,399; Lot 7 and N ½ Lot 6, K, L, 9th and 10th Sts., Sacramento; owner, I. F. Morris and Paramount Corp. of Sacramento, 912 K St., Sacramento; contractor, Mathews Constr. Co., Forum Bldg., Sacramento.
DWELLING, one-story 5-room and garage, $3500; 2115 26th, Sacramento; owner, David Parr, 708 10th, Sacramento; contractor, Robt. Powell Co., 1309 6th St., Sacramento.
DWELLING, 1-story 5-room, and garage, $3000; 3225 E, Sacramento; owner, F. C. Port, 2115 O, Sacramento; contractor, Vaughn and Christie, 500 15th, Sacramento.
DWELLING, 1-story 5-room, and garage, $2500; 4733 9th Ave., Sacramento; owner, W. J. Johnston, Hing's Camp Grove; contractor, A. A. Husted.
DWELLING, 1-story 5-room and garage, $3300; 601 Santa Ynez, Sacramento; owner, F. H. Bell, 656-A 42nd, Sacramento.
INSTALL THREE ROOMS, $2035; owner, Mrs. Cora Carnie, 2573 Portola; contractor, A. L. Johnson, 2557 5th Ave., Sacramento.
DWELLING, 1-story 6-room, and garage, $2500; 2732 30th, Sacramento; owner, S. J. Aldrich, 2973 3rd Ave., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Dec. 30, 1923—EDISON AVE 386 E Watt St., Sacramento. Arcade School District to whom it may concern .....Dec. 19, 1923
Jan. 3, 1924—W 60 FT LOT 8 I-J-10-11, Sacramento, Calif. Arthur H. Lamb & Phyliss K (ux) with Herndon & Finigan to whom it may concern .....Jan. 2, 1924
Jan. 5, 1924—LOT 724 W & K TCT 20, Sacramento, Mary J. Brown to whom it may concern..Dec. 24, 1923

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW and garage, $4000; Lots 1 and 2, Carmelita Ave, Burlingame; owner, E. S. Shaner, 765 Farrington Road, Burlingame.
BUNGALOW and garage, $4000; Lot 7 Blk 47, Cabrillo Ave., Burlingame; owner, F. E. McIntyre.
BUNGALOW, $4000; Lot 15 Blk 9, Grange Road, Burlingame; owner, Byrne & Chesney.
BUNGALOW and Garage, $4000; Lot 5 Blk 5, Palm Drive, Burlingame; owner, Bryne & Chesnery.
BUNGALOW, and garage, $5000; Lot 16 Blk 3, Paloma Ave., Burlingame; owner, Wm. McPhillip.
BUNGALOW and garage, $3000; Lot 17 Blk 17, Lincoln Ave., Burlingame; owner, E. W. Williams.
DWELLING and garage, $3000; Lot 2 Blk 6, 5th Ave., San Matea; owner, G. R. Sahn, San Mateo; contractor, Hurry & Kime, 341 C St., San Mateo.
DWELLING, $3000; Por. 239 San Mateo Park, Edgewood Road, San Mateo; owner, Mary F .White, 685 Barriolhet Ave., San Mateo; contractor, Wm. White, 685 Barriolhet Ave., San Mateo.
BUNGALOW and garage, $5000; Lot 2 Blk 6, Florabunda Ave., Burlingame; owner, Mrs. Anna Parker; contractor, H. I. Holsher.
ALTERATIONS and additions, $4000; No. 1331 Bauboa Ave., Burlingame; owner, E. P. Windsor, 1440 Drake Ave., Burlingame; contractor, —— Crichton.
BUNGALOW and garage, $4000; Lot 25 Blk 8, Palora Ave., Burlingame; owner, Mrs. S. W. Root.

COMPLETION NOTICES

SAN MATEO COUUTY

Recorded Amount
Dec. 28, 1923—PTN LOTS 16 AND 17 Homestead Realty Co. Sale of Lots 14 to 15-B inc. West End Homestead, Daly City. Homestead Rlty Co to whom it may concern.Oct. 2, '23
Dec. 28, 1923—LOT 13 BLK "P" Mission St. Land Co., Daly City. Robt. Hill to whom it may concern.... .....Dec. 21, 1923
Dec. 28, 1923—LOT 25 BLK 6, Burlingame Grove, Burlingame. George W William to whom it may concern.....Dec. 26, 1923
Dec. 31, 1923—LOT 1 BLK 48, Easton No. 4, Burlingame. Harry C. Brown to whom it may concern.. .....Dec. 26, 1923
Dec. 31, 1923—LOT 15 BLK 6, Burlingame Villa Park, Burlingame. E A Olund to whom it may concern .....Dec. 29, 1923
Dec. 31, 1923—LOT 8 BLK 115, South San Francisco. A Fogliani to Carlo Germono.....Dec. 28, 1923
Dec. 31, 1923—LOT 6, Portola Woods, Woodside. Elizabeth B Bangs to The Minton Co.....—
Jan. 4, 1924—N BURLINGAME AVE., Burlingame. Carrie D. Hitchcock to Thomas J Broderick..Oct. 27, 1923
Jan. 4, 1924—LOT 21 SUB 5, Burlingame. H L Jones to The Larson Building Co.....Dec. 26, 1924
Jan. 4, 1924—LOT 6 BLK 32, Easton No. 2, Burlingame. W O Nicolaides to whom it may concern..Jan. 3, 1924
Jan. 4, 1924—RAVENWOOD NO 1 nr Menlo Park. Alfred Forsman and Oscar Rennsvick to whom it may concern.....Jan. 3, 1924
Jan. 5, 1924—LOT 6 BLK 18 EASton No. 2 Burlingame. T. V. Hardiman to whom it may concern.... .....Dec. 24, 1923

LIENS FILED

SAN MATEO COUNTY.

Recorded Amount
Dec. 29, 1923—LOTS 13 AND 14 BLK 4 Menlo Heights, Menlo Park. Mildred Hayward, $35; John N Wilbur, $48; D A Hazelton, $31; L J Dietel, $15; Glen Hayward, $108; Wm Rice, $92.73 vs Diana Hogevall
Jan. 5, 1924—NO. 155 IRVINGTON St. Daly City. Henry R. Wendt vs Olga & Otto Osinghouse.....$95
Jan. 8, 1924—LOT 7 BLK 52, Easton No. 5, Burlingame. Christianson Lumber Co vs Alfred C Dahl..$608.73
Jan. 8, 1924—LOT 7 BLK 52, Easton No. 5, Burlingame. Marshall-Newell Paint Co vs Alfred C Dahl $53.71
Jan. 8, 1924—LOTS 13 AND 14 BLK 4, Menlo Heights. W M Bernard vs Diana Hagevill.....$20

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
Dec. 28, 1923—LOTS 42 AND 43 BLK "E" San Bruno St. Addition. San Bruno Lumber Co, $241.84; I J Ellefsen, $165; Prosper Bau, $108.15 to Anna R Doby and Prosper Bau
Jan. 9, 1924—LOT 7 BLK 52, Easton No. 5, Burlingame. J A Galligan to Alfred E Dahl.....$200

BUILDING CONTRACTS

SANTA CLARA COUNTY.

ADDITION, $2500; First St. nr Martha San Jose; owner, Paul Cribarri, 990 S-First St., San Jose; contractor, Vincent Maggio, 1230 Sberman St., San Jose.
COTTAGE, five-room, $1900; 24th St. near St. John St., San Jose; owner, T. O. Ennis.
COTTAGE, four-room, $1250; Harliss St. near Virginia, San Jose; owner, Louis Parodi.
COTTAGE, 5-room, $4500; Tenth St. near Julian, San Jose; owner, Jos. Longshore.
COTTAGE, 6-room, $4600; Atlanta St. near Bird, San Jose; owner, Wilfred Dexter, 443 N-17th St., San Jose; contractor, L. C. Rossi, 423 Atlanta St., San Jose.
ADDITION, $1000; No. 260 S-13th St., San Jose; owner, Mrs. M. Williams contractor, R. T. Souther, 305 Meridian St., San Jose.
COTTAGE, 3-room, $2800; William St., near Lincoln Place, San Jose; owner, O. J. Forman, 135 W-William St., San Jose; contractor, J. L. Carter.
COTTAGE, 3-room, $1600; 23rd and San Antonio Sts., San Jose; owner, B. M. Inman, 153 S-23rd St., San Jose.
COTTAGE, 4-room, $2400; No. 15th St. near Taylor, San Jose; owner, Thos. Weaver.

BUILDING CONTRACTS

CONTRA COSTA COUNTY

LAUNDRY, one-story tile, $7170; SE 16th and Nevin Sts., Richmond; owner, Home Loundry Co., Prem.; contractor, Carl Overaa, 2105 Roosevelt St., Richmond.
DWELLING, one-story frame, $2500; E. 22nd St., bet. Grant and Burbeck, Richmond; owner, Roy Christiansen, 2823 Market St., Oakland.

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SAN FRANCISCO, CALIF., JANUARY 19, 1924

Published Every Saturday
Twenty-fourth Year No. 3

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San Rafael

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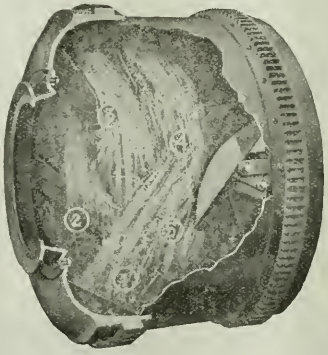
The **Heavy Duty Mixer**

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

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Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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$18,654,000 POWER PROJECT IS CONTEMPLATED

A development of hydro-electric energy through use of the waters of the American and Rubicon rivers in Placer and El Dorado counties, at an estimated cost of $18,654,000, is revealed as among the plans of parties represented by Fred P. Tuttle, Jr., of Auburn, through an application to divert water from these streams, filed with the division of water rights of the state department of public works.

The application, No. 3763, calls for the diversion of 1200 cubic feet per second and 200,000 acre-feet per year from the North and Middle forks of the American and Rubicon rivers. It is planned to generate 137,000 horsepower in electrical energy at power houses to be erected.

The Pacific Gas & Electric Company was granted a permit No. 1580, on its application No. 2754, by the division during December, to divert 50 cubic feet per second from North Battle Creek in Tehama County. It is planned to develop 2722 horsepower in a project to cost $25,400.

California Farm Bureau Federation will campaign for funds totaling $100,000 to complete a water survey started in 1921 by the State Department of Engineering and which was abandoned due to lack of funds.

$50,000,000 CORPORATION FORMED TO REBUILD JAPAN'S DEVASTATED AREA

A building construction company is now being projected in Tokyo for the purpose of undertaking "to do civil engineering, construction work and to give loans to building contractors for construction expenses and also to import materials from foreign countries to supply the demand," according to a tentative prospectus received by the Far Eastern Division of the Bureau of Foreign and Domestic Commerce from its representative at Tokyo.

This new company is said to include that previously projected and sponsored by the Tokyo Chamber of Commerce which was to specialize in the construction of industrial and commercial buildings on the unit basis designed to withstand earthquake shocks.

The new corporation will be known as the "Nichi-Bei Doboku Kabushiki Kaisha" or "Japanese American Engineers' and Contractors' Corporation" and will be financed and controlled jointly by Americans and Japanese. Head offices will be established in Tokyo with branches in other parts of Japan as may be deemed necessary. The corporation is to be capitalized at 100,000,000 yen ($50,000,000), half of which amount, according to present plans, will be called into the treasury of the company when incorporation is actually effected. Stock certificates are to be issued in denominations of 10, 50, 100, and 1000 yen and will be printed in both English and Japanese.

The shares will be divided equally between Japanese and American citizens it is said, insuring joint control of the venture.

This project differs from the original company planned in that it proposes not only to participate in the work of reconstruction throughout the devastated area but to undertake to carry out building projects in other parts of Japan and the Far East and to engage in the importing business.

According to article five in the prospectus the life of the corporation shall be twenty years from the date of establishment but this period can be lengthened or shortened in accordance with resolutions passed by the shareholders at a general meeting.

Technical skill, machinery, and building materials needed in carrying out the plans of the corporation are to be secured in the United States according to present plans.

OLSON-MAHONY AND CHRISTENSEN LUMBER COMPANIES ANNOUNCE MERGER

The pioeer firm of Olson-Mahony Lumber Company has been purchased by the Christensen Lumber Company of San Francisco, it is officially announced. The transfer took place on January 1.

Oliver J. Olson and Andrew F. Mahony, owners of the concern bearing their name, have withdrawn from the retail lumber business to devote their entire time and resources to their individual enterprises, they declared A third member of the concern, Charles V. Van Damme, also has retired from the business.

The purchasing company is a subsidiary organization of Sudden & Christenson, which has extensive holdings in Oregon and Washington, including mills that have a combined output of 1,000,000 feet per day.

A fleet of ten lumber vessels is also operated by the Christenson Company.

E. B. McIntyre, manager of the retail branch of the amalgamated concerns, has been with the latter company since its founding. The personnel of the purchased concern is to be retained, it is said.

Olson, who is the owner of the Oliver J. Olson & Co., will continue to operate his fleet of three lumber vessels and to serve as director of the Liberty Bank, of which he was vice-president until recently. Mahony, who is president of the firm of Andrew F. Mahony, will devote his energy to his concern, which is a wholesale lumber and shipping business. He operates a fleet of seven vessels. Van Damme likewise will devote his time to operating the Richmond-San Rafael Ferry and Transportation Company, of which he is president. Up to the time of the sale he was secretary and general manager of the lumber concern

The Christenson concern will establish its yards at Fifth and Hooper streets, San Francisco, in the future, and all boats of the company will unload their cargoes there, according to McIntyre.

The United States has 440,000 miles for surfaced roads, 40,000 miles of which were built in 1923. This mileage will be doubled in ten years, according to Thos. McDonald, chief of the Bureau of Public Roads, who declares that last year's road construction shows an increase of 3,000 miles over 1922.

San Francisco Building Totals

	1920	1921	1922	1923
January	$1,636,733	$1,246,808	$5,528,978	$3,205,811
February	2,648,272	3,126,581	2,830,991	3,278,676
March	2,759,087	2,941,401	3,289,251	3,229,572
April	2,000,672	1,913,592	3,993,720	5,173,801
May	3,879,060	1,097,151	4,377,066	4,928,986
June	1,949,692	950,965	3,336,701	4,213,346
July	3,723,623	1,000,240	3,024,036	3,227,115
August	1,517,916	1,216,937	6,214,082	3,915,300
September	1,996,612	2,100,163	2,951,858	2,907,389
October	1,399,055	2,498,523	4,719,394	3,973,374
November	1,469,940	2,144,606	2,621,471	3,850,265
December	1,749,330	2,007,705	2,439,658	4,952,444
Total	**$26,729,992**	**$22,244,672**	**$45,327,206**	**$46,676,079**
	Total Number of Permits 5,626	Total Number of Permits 6,313	Total Number of Permits 8,078	Total Number of Permits 9,856

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Arthur C. Carruthers. in the December issue of "Safety Engineering," published in New York, under the caption of "Wooden Shingle Ordinances or Wooden Shingle Fires—Which?", says the wooden shingle should be no longer used for roofing purposes, as it has long ago demonstrated itself to be a ready means of fire-spread. That the wooden shingle is no longer necessary is explained by the fact that there are a number of different materials and combinations of materials whcih, Carruthers claims, are superior in every respect for roofing purposes and which possess no fire hazard, such as slate, asbestos shingles and tile.

Frederick F. Murray of the Hardwood Manufacturers Institute of Chicago, has been electeo Chairman of the Executive Committee of the Forest Products Division of The American Society of Mechanical Engineers for 1924. The Forest Products Division is working in co-operation with organizations in the interest of conservation and reforestation of our timber lands.

The tubercular ward unit of the Springville Hospital, to be financed by Tulare and Kings counties, will be completed with union crews, according to agreements reached between the supervisors of both counties and the Tulare Building Trades Council. A tie-up in construction loomed when Earl Bowen, the contractor, placed three non-union men on the job.

U. S. Civil Service Commission announces applications will be received up to Feb. 12 for examination to fill the position of architectural and structural steel draftsman in the Lighthouse Service, Department of Commerce, at entrance salary of $1,800 a year, plus the increase of $20 a month, granted by Congress.

To relieve over-crowded conditions in the schools, the Oakland Board of Education, contemplates a bond issue to finance the erection of additional school buildings and additions to the standing structures. Unless additional quarters are provided the board may be compelled to place pupils on a part-time attendance schedule.

U. S. Steel Corp., unfilled tonnage statement, just issued, for December, shows an increase of 76,750 tons. The unfilled tonnage December 31st, was 4,445,395, against 4,368,584 on November 20th; 4,672,825 October 31st; 5,035,750 September 30th, 1923, and 6,745,703 December 31st, 1922.

Detroit Steel Products Company is erecting the second unit of its plant in Oakland. The structure will be of concrete construction providing 14,000 square feet of floor space. M. J. Drew, formerly of the home office of the company at Detroit, has assumed management of the Oakland plant.

The January issue of "The American Plan," the official publication of the Industrial Association of San Francisco, is being circulated. The issue is devoted to a review of the year 1923 with regard to the success of the American Plan in the San Francisco district.

During the year 1922 a total of 1913 dwellings was erected in San Francisco at a cost of $9,439,629 as compared with 2474 in 1923 costing $11,129,405. in 1922 statistics show 574 flats erected costing $5,038,311 as compared with 609 in 1923 costing $5,281,285. Apartment buildings in 1922 totaled 259 costing $10,185,218 and in 1923, figures show, 296 erected at a cost of $11,986,834. Three hotels were erected in 1922 costing $735,000 and in 1923 five were erected at a cost of $556,000.

Imports of iron and steel into Great Britain totaled 1,010,833 tons in the first nine months of 1923, according to Department of Commerce. Of this total, Belgium and Luxemborg supplied 531,308 tons; Germany and Netherlands, 87,437 tons; France, 180,339 tons and United States, 25,644 tons. British exports to Europe and foreign countries outside Europe have increased, while those to British possessions have fallen off, compared with 1922.

Robt. P. Greer, manager-director of the Pacific Ammonia and Chemical Co. of Seattle, seeks a power contract with the Municipal Light Plant of that city, which will permit the first installation of a nitrogen plant to cost $200,000. It is proposed to construct the plant in ten such units. The plant will operate under the name of the Pacific Nitrogen Company.

Statistics show that the consumers of steel during the year 1923 were approximately as follows: Railways, 15.75%; piping, including oil transportation, 11.00%; automobile industry, 10.00%; exports, 6.25%; other, 26.00%. The outstanding feature of the table is the small porportion of steel sold abroad.

Geo. L. Henderson, drainage engineer for the Merced Irrigation District, has been appointed by Governor Richardson as a representative from California to attend the national drainage congress at St. Louis.

J. A. Korell & Co., formerly located at 39-47 Isis street, has moved to new and larger quarters at 271-273 Twelfth street, San Francisco. The company specializes in cornices, sheet metal work and ventilating.

Santa Fe Railroad is erecting a 19-story terminal at Dallas, Texas, to cost $5,000,000. In connection a ten-story and an 8-story warehouse also are under way. Subways will be used by the trains in and out of the terminal. Construction will be completed Jan. 1, 1925.

Oregon-Washington Railroad and Navigation Co. has been authorized by Interstate Commerce Commission to construct 52 miles of railroad between Crane and Burns, Ore., into the Oregon timber section.

Pacific Fruit Express Co., is negotiating with land owners at Roseville, Placer county, for the purchase of 250 acres outside the Southern Pacific holdings on which it is proposed to erect car building and repair shops.

ALONG THE LINE

C. F. Hartley, 74, lumberman of Everett, Wash., died in that city, Jan. 11. Hartley was the father of D. C. Hartley, president of the Standard Paving Co. of Modesto, Calif., and was head of the Clough-Hartley Shingle Mills Company, operating throughout the State of Washington.

M. R. Stowell, for many years sales manager for the American Refractories Co., has recently joined the staff of The Vitrefrax Company, Los Angeles, in the capacity of sales manager of the western division covering the entire Pacific coast and southwestern states.

Chas. Sloan Co., consulting engineers of San Francisco, have been commissioned to prepare plans for a $500,000 paving program to be undertaken by the Gilroy city trustees in Santa Clara county.

James Hartness, former governor of Vermont, was elected president of the American Engineering Council of the Federated Engineering Society, at the annual meeting held recently in Wastington.

Northwestern Power & Manufacturing Co., a concern incoporated in Wilmington, Del., seeks to obtain water rights in Washington state for power development in vicinity of Port Angeles to cost $1,600,000.

Pacific Telephone and Telegraph Co. will expend $40,000,000 for the purchase of lands, erection of new buildings and improvements to system, during the year 1924.

Harland Bartholomew, city planning engineer, who perfected the St. Louis City plan for which bonds of $88,000,000 were voted, will visit San Francisco next month.

Bebb & Gould, Seattle architects, announce Earl G. Park has been taken into the firm under a junior partnership. Mr. Park was formerly in charge of the drafting room of Bebb & Gould.

Southern Pacific Co. has appropriated $5,000,000 for work on the Tucson, Ariz., division within the next six months. The money will be expended on new rails, track ballast, etc.

M. T. Cantell and J. W. Spencer, engineers and contractors, operating under the firm name Cantell & Spencer, have opened an office at 211 Feguson Bldg., Los Angeles.

Robert Greig, building inspector of Berkeley, has resigned. The resignation is effective February 1, at which time Greig will probably enter the building business.

John T. Delaney, Stockton engineer, died Jan. 11 in that city as the result of injuries received in a sewer cave-in at Porterville, Calif.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

AMERICAN PLAN ELIMINATES LABOR TROUBLES

In contrast to the unfortunate experience of almost all the other large cities of the United States, San Francisco has gone through the entire year 1923 without a single strike of any consequence in the building trades, according to an announcement of the Industrial Association of San Francisco. In fact, it may be said without any strike at all; for the only ones which occurred were of a small number of union plasterers and piledrivers—the latter lasting less than two weeks. As for the union plasterers, they were working contentedly under the American Plan until their international officers came and ordered them to strike on pain of losing their charter. Facing this situation, these men left their jobs, but after a few weeks of idleness they decided by unanimous action to disregard their international officers, and returned to work under the American Plan. With these trifling exceptions, the 20,000 union and non-union men in the building trades of San Francisco worked side by side every working day througout the entire year without trouble or controversy of any sort. Not a jurisdictional dispute occurred, and not a single job was held up. The wage scale set by the Impartial Wage Board after extended public hearings, and enforced by the Industrial Association, guaranteed an excellent wage but prohibited entirely any pyramiding either up or down; and American Plan conditions prevailed throughout the entire building industry.

Furthermore, there was no strike in any of the other industries of the community during 1923, except that of the garment workers which lasted but a short time and ended by the workers accepting the American Plan basis of employment. San Francisco has thus had a full year of virtually unbroken industrial peace, which has been translated into concrete benefits for the whole city.

CONTRACTORS TO MEET

The fourth anual convention of the Pacific Northwest branch of the Associated General Contractors of America, covering the four northwestern states of Montana, Idaho, Oregon and Washington, with local chapters in Portland, Seattle, Tacoma and Spokane, will be held in Spokane, February 1-2.

Headquarters will be at the Spokane Hotel, where the offices of the Spokane Chapter are located and a two-day program of business and entertainment has been arranged, that it is hoped will surpass in both education and enjoyment any previously offered at these annual meetings of the general contractor and his friends.

CONTRACTORS ELECT

At the annual meeting of the Contracters' Association of Northern California at San Francisco Messrs. Fairbanks, Borland and Eaton were reelected directors to serve for 1924. Henry J. Kaiser was elected president to succeed Mr. Fairbanks, who asked to be relieved of the responsibility of serving as executive for another year. W. J. Wilkinson was elected vice-president.

STATE MASTER PAINTERS ELECT OFFICERS AT BERKELEY

P. V. Germain of Los Angeles was elected president of the State Association of Master Painters' and Decorators' at the annual convention held in Berkeley.

Other officers elected to serve for the ensuing year include: First vice-president, G. T. Bowen of San Francisco; second vice-president, Frank Dixon, Sacramento; secretary, W. H. Woolley, Burlingame; treasurer, Max Cohn, San Francisco; sergeant at arms, Herman Axt, San Francisco.

Executive board, A. D. Sutherland, F. Keissel, J. F. Prevoo, R. Postler and H. Brace all of San Francisco, and Bud Gallichotte of San Jose; Berk Johnson, E. E. Simmons, C. L. Friberg, Charles Sparwasser of Alameda county; O. F Jallmann, Henry Volk, H. N. Welch, P. Schwenzfier, J. G. Kelly of Los Angeles; W. Tripplett and Slyde Simmonds of Sacramento; A. Pearson of San Diego; T. W. Van Heict of Palo Alto; A. Napier of Santa Barbara; E. J. Blanchard of San Joaquin county and past presidents on the executive board are Henry Kern, N. McDonald, W. M. Herman, Elbert Olney, L. A. Danner, Max Cohn, H. Scheeley, H. F. Wagner, C. E. Irwin, Russel Hinton, J. W. Realy F. La Torres, A. Labhard and H. McManus.

W. H. Wooley, secretary of the organization was named delegate to the national convention which will be held in Atlantic City in February.

PAINTERS AND BUILDERS ELECT OFFICERS AT PORTLAND

Portland, Oregon Builders' Exchange has elected the following directors to serve for the ensuing year: B. F. Allyn, general contractor; Chas. M. Buebke, iron worker; Wm. Feigensen, general contractor; Wm. Finnigan, master plumber; C. C. Fitzhugh, master painter; D. L. Hoggan, plastering contractor; H. R. Kreitzer, material dealer; C. M. Stebbinger, general contractor; Robert Wallace, general contractor; Gordon Peel, material dealer; F. E. Wynkoop, sheet metal contractor.

The Master Painters' and Decorators' Assn. of Portland has elected the following officers to serve for the ensuing year: President, E. T. Crane; vice president, Al. Holmgren; secretary Frank Demme; treasurer, John Blied.

SEATTLE ENGINEERS NOMINATE

The Engineers' Club of Seattle, Wash., with headquarters at 522 Seneca street, has nominated the following officers to serve for the ensuing year:

President, R. J. Middleton, chief engineer, Chicago, Milwaukee & St. Paul Railway.

Vice president, phillip Gearhart, mechanical engineer, Automatic Sprinkler Company.

Secretary, Cecil P. Dexter, office engineer, the Pacific Coast Company.

Treasurer, Horrace L. Bushnell structural engineer, John Graham, Architect.

Executive Board: Robert Howes, civil engineer; H. C. Elliott, bridge contractor; W. E. Kenyon, district manager, Chicago Pneumatic Tool Co.

L. A. EXCHANGE BULLETIN

The January issue of the Los Angeles Builders' Exchange Bulletin is off the press. The issue contains seventy-four pages and is brim full of newsy items regarding members and activities of the Los Angeles Exchange in addition to other building organizations in the Southern California section.

A feature of the issue is an article by Godfrey Edwards, Los Angeles Architect, captioned "The Construction Family." Other articles include: "Engineering and Industry" by Henry Z. Osborne, consulting engineer, and "Review of Exchange Progress" by D. C. Casselman, secretary-manager of the Los Angeles Exchange. Lyle Eveland, editor of the publication, in the editorial section covers "Twelve Months of Progress," a story on the building activities of the southern city for the years 1922 and 1923.

MONTHLY MEETING SCHEDULE FOR FRESNO EXCHANGE

With the purpose of promoting closer contact among members, and to keep alive the co-operative spirit that was maintained during last year, R. W. Chrouch, secretary-manager of the Fresno Builders' Exchange, is arranging a series of monthly meetings of the general membership of the organization. The first meeting, according to notices sent out by Chrouch, will be held on the evening of January 28th, at 8 P. M. at exchange headquarters in Kern street, Fresno.

Speakers at the meeting will be H. J. Miller, of Tyre Brothers Glass Co. on the Manufacture of Glass; F. H. Sutton, principal of the Fresno Technical High School, who will talk on Technical Training in the Public Schools of the United States.

The new year is to be one of much activity in all branches of the exchange, according to Manager Chrouch.

ST. LOUIS HOME BUILDERS FACE INDICTMENT

Nineteen indictments charging use of the mails in a scheme to defraud were returned by the federal grand jury at St. Louis, Mo., Jan. 16, against five trustees and three agents of the Union Home Builders, a four per cent housing trust, which operated in several states.

The company, it is said, was organized in Oakland, Calif., in 1913, moved to New York in 1921 and to St. Louis in September of 1922.

BUILDERS ELECT OFFICERS

The following officers have been elected by the Tucson, Ariz., Builders' Exchange to serve for the coming year: Frank Craycroft, president; W. T. Reed, E. E. Russell and W. M. Killen vice-presidents; Joe Carlucci, treasurer; T. J. Boettger, secretary, and Bruce Ellis, W. F. Grabe, W. M. Killen, M. L. Tophoy, T. J. Boettger and H. F. Brown members of the board of directors.

LOS ANGELES BUILDING FOR YEAR TOTALS $200,133,181

December rolled up the third largest monthly building total of the year for Los Angeles and pushed the total for 1923 over the $200,000,000 mark. The December total was $20,758,194, exceded only by the totals for March and the peak month, August. The total for the year was $200,133,181, an increase of $78,926,394 over 1922 and 117,371,795 greater than for 1921.

Los Angeles' total for 1923 was almost two-thirds that of Chicago with a population of 3,000,000, and a fourth of that for Greater New York (including five boroughs) with a population of 5,000,009. In other words, Los Angeles was building during the last year at a rate equal to that of a rapidly growing city of considerably more than 1,000,000 inhabitants. Los Angeles' total was also nearly double that for either Detroit or Philadelphia, her nearest competitors.

More than half of Los Angeles' total for December was made up by Class A and Class C constructions. Permits were issued for six Class A steel frame buildings to cost $4,145,000 and for 8 Class A reinforced concrete buildings to cost $6,282,000. All frame construction for the month amounted to $7,823,077. Following are the monthly records for 1923 and 1922:

	1923	1922
January	$11,258,515	$ 7,975,188
February	12,080,310	7,579,798
March	21,196,087	10,964,826
April	15,352,944	12,950,686
May	18,926,881	9,327,504
June	15,074,446	10,652,265
July	15,083,273	8,064,018
August	22,249,262	11,523,891
September	14,099,353	10,267,894
October	20,541,872	11,580,427
November	13,512,042	11,355,710
December	20,758,194	8,955,597

Housing operations held up well during December, although not up to the record for November. A grand total of 1835 permts for dwellings and apartment houses was issued during December, the total estimated cost being $7,257,553. The number of housing permits was 38.9 per cent and the valuation 35 per cent of the number of permits and total valuation for the entire month. Accommodations for 3103 families will be provided by housing started during December.

ARCHITECT SUES FOR FEE

Papers in a suit filed by W. L. Schmolle, San Francisco architect, vs. Weller P. Stead, have been filed in the office of the county clerk at Redwood City, having been transferred from the Superior Court of San Francisco County on a motion for a change of venue granted the defendant.

The plaintiff seeks judgment for $655, alleged that amount to be due for architect's fees. The plaintiff is represented by Attorney Ernest L. Mann of San Francisco and the defendant by Gilbert D. Ferrell of Burlingame.

RUSH RECLAMATION REPORT

Plans of the special advisory committee on reclamation to inspect personally the government's reclamation projects this month have been changed in order that a report to Secretary Work can be made in the immediate future.

The changed program provides for a conference at Salt Lake City, beginning January 17, at which representatives of water users' associations as well as individual water users from all projects will be invited to offer suggestions as to their needs.

The committee hopes to complete its report in time for Congress to act on it at the present session.

Trend of Construction in Pacific Coast Cities is Shown in Building Survey

With a grand total of $492,049,908 in building permits issued during 1923 in 54 cities of the Pacific coast states, an increase of more than 38 per cent in building activities is shown for the year just ended over the total figures of these cities for 1922. This is shown in the Pacific coast section of the national monthly building survey of S. W. Straus & Co., issued recently.

The December total, $41,545,570, for 54 cities included in the survey is 51 per cent greater than the December total for 1922 and shows a 15 per cent gain over November of 1923, despite the fact that seasonal interruption of building operations caused a November-to-December reduction in 30 cities and 21 of them reported smalled December totals than for 1922.

Utah, with four cities reporting, showed the greatest relative annual gain, 53 per cent, while California, with 35 cities reporting, came second with a gain of 42 per cent over 1922. Washington gained 20 per cent, Oregon 17 per cent and Arizona 14 per cent over the previous year. Boise, Idaho, gained by 20 per cent, while Reno, Nev., reports a 19 per cent loss for the year. Annual gains of the larger cities are: Los Angeles, 56 per cent; San Francisco, 3 per cent; Portland, 11 per cent; Seattle, 16 per cent; Salt Lake, 34 per cent; Long Beach, 69 per cent; Oakland, 12 per cent, and San Diego, 21 per cent.

The year's total for Los Angeles, $200,133,181, is 40 per cent of the grand total from the 54 cities in the Straus survey. California's total, $414,887,500, is 84 per cent of the whole. Washington, Oregon and Utah reported December totals smaller than those of November, while California and Arizona showed substantial gains for the closing month of the year.

Following are the figures of building permits issued as reported by building department officials in various coast cities, together with the comparative annual totals for each:

City	Dec., 1923	Dec., 1922	Year, 1923	Year, 1922
Long Beach	$ 1,255,704	$ 851,360	$ 23,693,680	$ 14,401,418
Los Angeles	20,758,194	8,955,597	200,133,181	121,206,787
Oakland	2,583,312	2,070,582	27,828,225	24,468,223
San Diego	1,470,301	559,603	12,515,428	10,280,990
San Francisco	4,952,444	2,439,658	46,686,622	45,327,206
Portland	1,452,860	808,725	25,247,135	22,734,600
Aberdeen	63,370	10,776	1,109,181	437,111
Everett	23,517	54,012	1,456,406	693,702
Hoquiam	9,500	8,185	818,087	230,864
Seattle	1,060,930	1,792,685	22,974,719	19,783,835
Spokane	76,622	69,270	2,483,063	3,177,234
Tacoma	341,796	114,253	5,500,926	4,250,352
Vancouver	23,075	29,125	654,365	238,970
Walla Walla	102,795	1,415	413,879	514,700

MISSION DOLORES TIMBER IS TREATED

One of San Francisco's principal places of historical interest, the famous Mission Dolores, founded in 1776, has just been restored, and all the old timbers and doors have been treated with a wood preservative, which it is expected will add another long lease of life to this beautiful building, the pride of all San Franciscans. The work was carried out under the supervision of the Ecclesiastical Architect, Mr. Norman Coulter, of San Francisco, and the material used for the timber preservative and finish was "Ligni-Salvor", wood preservative.

The architect and the church authorities are, it is reported, very pleased with the work and the effects obtained. Some very beautiful photographs of the doors and woodwork are being displayed, showing the restoration work.

SAN MATEO PAVING CONTRACT GOES TO COURT

Suit to compel the signing of a contract by Dr. C. V. Thompson, chairman of the San Mateo County Board of Supervisors, to pave streets in Lomita Park, has been filed in the superior court at Redwood City by the Municipal Improvement Company, Oakland paving contractors, who were awarded the contract for the work on a bid of approximately $212,000.

Thompson, as chairman of the board, refused to sign the contract for beginning the work on the complaint of several residents of the district, to the effect that phases of the proceedings were illegal. This was after the contract had been awarded on the plaintiff corporation's bid.

STEEL SALES 54 PER CENT OF CAPACITY

November sales of fabricated structural steel, based on figures received by the Department of Commerce from the principal fabricators of the country, were 120,858 tons for firms with a capacity of 223,472 tons per month. Sales were therefore 54 per cent of capacity.

A survey of the present capacity of the structural fabricating industry indicates that the capacity normally used for structural work was about 250,000 tons per month for 1923, the same as reported for 1922. Reports received from 170 identical firms show a capacity of 231,662 tons in 1923 as against 228,280 tons in 1922. Six of the firms included in the 1922 total are now out of business and are not included in the 1923 capacity.

MILLION DOLLAR YEAR IN WASHINGTON TIMBER

Records of State Land Commissioner C. V. Savidge's office show that 1923 justified the prediction made last spring that $1,000,000 worth of state timber would be sold. The final figures show that the state sold timber valued at $1,229,236; uplands, $152,427; tide lands, $27,693. Other receipts of the office, including rentals, fees, interests, etc., will amount to more than $400,000, indicating the land commissioner during 1923 did more than $1,809,000 worth of business. That this office is likely to exceed $2,000,000 in receipts during 1924 is indicated by the fact that Commissioner Savidge's estimate of the value of timber to be sold in February exceeds $600,000.

RECLAMATION HEAD ISSUES STATEMENT ON MAINTENANCE OF FLOOD CONTROL WORKS

A. T. Spencer, President of the State Reclamation Board, issues the following statement relative to the maintenance of flood control work:

No funds were provided in the various assessments for the maintenance of the levees in the Sacramento and San Joaquin Drainage District, under the plan for flood control of the State of California, except in the case of the Sacramento By-pass Project No. 3. The levees in Projects No. 6 and No. 7 total practically 65 miles in length and represent an investment of about $7,500,000.

No practical and satisfactory legislation has ever been enacted for the future maintenance of these flood control works, and this is one of the most important problems now confronting the reorganized Reclamation Board.

The construction of the 14 miles of levee to complete the West levee of the rapid rate since work began in August, 1923. The partial levee around this area has been completed to the grade required in the contract with the Callahan Construction Company. This levee has a cross section about 25% of that of the completed levee, and will only afford the area protection against the oood waters of an ordinary season under favorable conditions. The levee has been built to final grade and cross section a distance of 3 miles, or 21% of its total length, and the partial levee has been reinforced at its most critical points. Of the entire amount of work to be done, 35% is completed to date.

In addition to the levee work, two current retards have been constructed in the Tisdale By-pass, and other work has been done to protect these levees as much as possible under the existing conditions.

The Board has arranged for the operation of the pumping plants along the East levee of the Sutter By-pass to care for drainage waters between the By-pass and the Feather River.

The maintenance during the coming winter of the units of the flood control projects already completed by the Reclamation Board presents a perplexing and serious problem. As before stated, the Board is without funds to carry on this work and it will be necessary for the individual districts to maintain and repair the levees protecting them during this coming season and until such time as practical measures have been enacted by law.

UPHOLD BIDDER'S RIGHT TO WITHDRAW BID

The Scraper, official organ of the Kentucky Association of Highway Contractors, reports a significant instance relative to withdrawal of a bid before acceptance. Younglove, the appellee in the case, had made a proposal to the plaintiff, Hoberg, to erect a certain building, and he attached to his bid a certified check for $1,500. The bids were opened and read at the appointed hour but no action was taken on the bids that day. On the same afternoon Younglove discovered that he had made an error in his proposal and wrote Hoberg to that effect, formally withdrawing his bid. Later Hoberg undertook to accept the bid and on Younglove's refusal to execute the contract, appropriated the $1,500 check. A jury in the lower court decided for Younglove, and this judgment was affirmed by the Iowa supreme court. The court did not rest its decision on the ground of the mistake made by Younglove but on the elementary principle of law that an offer may be withdrawn at any time before it is accepted.

LUMBER CENSUS TO BE TAKEN BY FOREST SERVICE

California and Nevada lumber manufacturers in all branches of the trade are urged by Federal foresters to cooperate in the collection of statistics in the lumber industry now being made by the U. S. Forest Service headquarters in this city for the Census Bureau. Such statistics, it is pointed out, are vital to the intelligent direction of the lumber business, and a special effort is being made to secure accurate figures for early publication.

In 1921 an Act of Congress was passed requiring the taking of abiennial census of all manufactures in the United States, including the census of lumber and timber products.

This is the year of the biennial census, and the statistics on lumber manufacturers will cover not only sawmill products and lumber, lath and shingles, but also veneers, planing mill products and split redwood and tanbark industries and other manufactories in which wood is used.

Forest Service officials say that one of the most difficult things in this kind of work is to keep the lists of operators in the various lumber industries complete and up to date.

Any California or Nevada manufacturer of wood products who fails to receive by January 20 a questionnaire is requested to notify the District requesting information on his business Forester, Ferry Bldg., San Francisco.

MANUFACTURER TO RECEIVE MORE AID IN FUTURE

The California manufacturer is to be given more serious attention in the future than he has ever received in the past as a result of a meeting of the directorate of Californians, Inc, held recently in San Francisco. At the meeting plans were launched for the amalgamation of California finance for the promotion and expansion of state-wide industries.

"There is a constant protest from the California manufacturer that he is not getting sufficient public support," said Charles S. Knight, chairman of the association's industrail committee.

"This must be allayed. We are not only bringing in new industries, but are bending concerted effort to take care of those we have here. It is necessary to work out a definite program for California manufacturers, to make desirable contracts between the manufacturers themselves and the purchasing exchanges—in general, to improve market conditions in a state-wide program of industry building."

EAST BAY DAM PROJECT IS UNDER ADVISEMENT

The application of the East Bay Water Company of Oakland for authority to issue $3,000,000 6 per cent bonds to provide funds to complete the Upper San Leandro dam project, has been taken under advisement by the State Railroad Commission, pending inspection of the project by engineers of the commission.

George H. Wilhelm, general manager of the utility, advises the commission that the project contemplates the construction of a reservoir six miles long, with a maximum storage capacity of sixteen billion gallons.

The dam, which will cost $3,000,000, will be 185 feet long at the top, 656 feet long at the base, 75 feet wide at the top, and 1,150 feet wide at the base. Although its construction will take about two years, the company proposes to begin storage of water within a year.

Wilhelm said the dam will care for the needs of the east bay communities until 1929 to 1930, at which time a new source of supply will be imperative.

WHAT INVENTIONS HAVE DONE FOR INDUSTRIES

The extent to which inventive genius, making possible enlarged production per worker, has stimulated industrial production in America was outlined before the annual meeting of the American Economic Association and the American Statistical Association by Julius H. Barnes, president of the Chamber of Commerce of the United States.

While inspired invention is the product of no single nation or people, yet invention, Mr. Barnes declared, requires the support of quick and sure and large reward for successful consummation. The very structure of American industry, he added, and its adaptability to new invention, as well as the readiness of the American consumer to welcome new devices, hold out the sureness of generous reword for superior inventive ability.

Mr. Barnes cited typical industries in which inventions have enlarged to a remarkable degree the production per worker. Some of these examples are:

In the steel industry, one or two men now with unloaders, replace twelve to twenty men unloading by hand.

In furnace charging, by use of skip hoist, larry car and automatic weigher, two men replace fourteen.

In pig casting, seven men with casting machine replace sixty.

In open hearth operation, one operator with charging machine replaces forty hand chargers.

With traveling cranes, twelve men pouring, replace thirty-seven.

Two men unloading pig iron with electric magnet and crane replace one hundred twenty-eight.

In the glass industry, one type bottle making machine replaces 54 workers.

In window glass, production with a machine blower increases 30 to 50 times.

In coal mines an automatic conveyor for pier unloading with 12 men replaces 150 men.

1923 BIG LUMBER YEAR

According to estimates which appear in the January 7 edition of the National Lumber Bulletin, the nation's lumber cut for 1923 may exceed that of any year since 1916, and may not have been surpassed in any year since 1914. The entire lumber production of the United States is conservatively placed at over 38,000,000,000 feet. Last year's production was 35,000,000,000, which was then the largest since 1916. In 1916 the mills made 40,000,000,000 feet, and in 1914 40,5500,000,000. The peak of lumber production in the United States was reached in 1907 with nearly 45,000,000,000 feet.

The 550 larger sawmills of the country reporting weekly to the National Lumber Manufacturers' Association produced 14,000,000,000 feet, roundly, in 1923, against 12,000,000,000 in 1922. Previous experience indicates that the production of these mills is, with some variations, about 30 per cent of the total cut of the United States.

Reports received recently by wire from eleven regional lumber associations indicate a 15 per cent larger business in 1923 than in 1922, generally express satisfaction over 1923 and optimism regarding the outlook for 1924. Labor has been fully employed and in many regions wages are the highest on record. In the country as a whole shipments and other disposals were in excess of production. For the United States as a whole there has been no accumulation of stocks.

TRADE NOTES

The Examiner of Interferences of the U. S. Patent Office, in regards to the litigation of the Bull Dog Floor Clip Company vs the Munson Manufacturing Co. (E. K. Cole, manufacturer of the Grip-Tite Floor Anchor), has decided in favor of the Bull Dog Floor Clip Co. After a considerable period of litigation, the decision as regards the two interferences, was made as follows: Interference No. 47980, Process of Laying Wooden Floors on a Concrete Base; Interference No. 48484, Concrete and Wood Floor Construction Device. In each instance the decision was that "priority of invention of the subject matter at issue is awarded to Clyde W. Prickett (Bull Dog Floor Clip), the senior party."

B. B. Bell & Co. of Los Angeles, who have been designing and manufacturing lighting fixtures for the past 12 years and who are representatives for Hope's steel casement windows, manufactured in England, have opened San Francisco offices and display rooms at 693 Sutter street, Telephone Graystone 382. A recent development in Hope sash has been the introduction of standard sizes at prices which compare favorably with wood windows and which are carried in warehouse stock. The sash is particularly applicable to residences, apartments and other structures. Palmer Hargrave is in charge of the Hope Casement Department.

A transfer of the holdings of the Vance Lumber Company of the Grays Harbor District in southwestern Washington to the Mason Logging Co. of Shelton, Wash., has been arranged, it is announced by W. K. Abel, Montesano, Wash., attorney for both sides in the transaction. The property is valued at more than $2,500,000. In the transfer were listed a sawmill at Malone, Wash., of a capacity of 100,000 feet a day, 125 dwellings and stores at Malone, railroad and logging equipment and 12,000 acres of timber.

J. G. McNary of El Paso, Texas., and associates have bought the Apache Lumber Company of Cooley, Ariz., which operates a railroad from Cooley to Holbrook and operates a sawmill and box factory at Cooley. The name of the railroad (Apache Railway Co.) will remain unchanged. The lumber end will be operated as W. W. Cady Lumber Company and an office will be opened in Los Angeles.

Duncanson-Harrelson Co., San Francisco contractors, have started construction of the first unit of the cement plant in Redwood City for the Pacific Portland Cement Company. The contractors have three pile drivers at work. Approximately 4,000 piles will be driven, averaging about 85 feet in length. It is expected the plant will be ready for operation in July.

Coast Counties Lumbermen's Club will hold its next business meeting at Pacific Grove, Jan. 26, following which the members will enjoy a banquet at the Grove Grill. C. R. Griffin of Santa Cruz will act as chairman.

Sierra Magnesite reduction plant at Porterville has resumed operations with a force of forty men. The plant furnishes the Pacific Coast with stucco sold by the Kellastone Magnesite Stucco Company.

Building Conditions Bettered Through Craft Organization

By E. T. Thurston, Secretary General Contractors of San Francisco

We have all heard of the old darky who refused to monkey with the hornet's nest because it represented organization.

Have we realized, however, how typical is this darky of the outsider with respect to organized effort in general? In all matters involving competition, respect of one individual for another depends upon the organized influence behind the latter.

Before labor became organized the individual worker was the helpless victim of his employer. Organization speedily reversed the situation.

A dozen years ago the building contractor was at the mercy of the officials of organized labor. Not only did these officials determine the conditions of employment but they even determined the kind of materials to be used and the manner in which work should be done. Different unions quarreled among themselves as to jurisdiction over certain kinds of work and the helpless employer was made to await their pleasure and ultimately to pay the bill. Labor was organized; the employers were unorganized.

Then the General Contractors' Association was formed and, under its supervision, another association embodying individual organizations of the various crafts. It probably included less than 50% of the active employers in the industry; yet the unions promptly recognized it as a representative body. Labor had long since learned to respect the power of organized effort. Thereafter, by mutual agreement, strikes and lockouts were prohibited unless and until definite attempts had been made to adjust grievances by arbitration. Arbitration was successful in every case and for over ten years, although every other large industrial center in the United States was the scene of strike after strike, many accompanied with violence and bloodshed, not a single authorized strike occurred in the building industry of San Francisco.

Then came the war and its aftermath of social unrest and economic disorder. Everything went out of control; each individual became a potential profiteer; commodity prices, released from governmental restraint, mounted to unprecedented heights and wages followed by leaps and bounds.

Again the General Contractors' Association came to the rescue of the building industry, brought material dealers into a friendly, economic conference and initiated an agreement between the Building Industries Association and the Building Trades Council to stablize wages in all crafts on an economic basis. Certain crafts, both employers and employee, failed to live up to this agreement, strikes impended and the Building Industries Association, under the leadership of Charley Gompertz, general contractor, secured the support of the Chamber of Commerce in effecting an agreement with the Building Trades Council to assign the fixing of wages to an impartial wage board. Meanwhile the General Contractors' Association, under the leadership of John Biller, and the general contractors of the Builders' Exchange, under the leadership of Henry Jacks, merged their interests into the present General Contractors of San Francisco, designed to include both large and small contractors on the simplest and most equitable terms, the successful consumation of which inspired the merging of the Building Industries Association with the Builders' Exchange and the subsequent reorganization of that body into a central representative organization of building trades employers.

Thus it came to pass that when organized labor, feeling secure and defiant after two decades of undisputed control of the building industry, arrogantly repudiated its agreement, the employers were enabled to meet the situation for the first time with a united front, which rendered possible the inauguration of the American Plan and encouraged the organization of the Industrial Association as a permanent institution to represent the public interest in industrial freedom.

The purpose of this narrative is to remind Mr. Contractor of one important way in which his own craft organization has been primarily instrumental in bettering the conditions surrounding his own business and to drive home the realization that security in what has been gained depends upon preparedness to defend it. We have considered herein only the most recent of its accomplishments. It has a long and unblemished record of accomplishment for the benefit of the building industry, and particularly of general contractors, and commands today the respect of the architects, engineers, labor and public generally. No other organization can take its place. On its record of accomplishment it is entitled to the confidence and support of every honest, responsible general contractor who can see the inevitable dependence of his own welfare on progressive, harmonious and equitable industrial conditions. **"Eternal vigilance is the price of liberty."**

Robert F. and Ralph C. Myers, civil engineers, have opened offices in the Morgan Bldg., Bakersfield. Both men have had several years' experience in engineering work and have been affiliated with big projects in South America and the Panama canal zone, also the state highway commission.

Elrod Engineering Company, Elrod Bldg., Dallas, Tex., has established a branch office in the Mills-Fraser Bldg., Santa Monica. The company is engaged in general and consulting engineering.

Plant of Yosemite Portland Cement Co. of Merced is being completed and cement shipments will be started probably in May, M. Steinmetz, chief engineer for the company announces.

Newspapers reaching a population of 3,500,000 people in nine western States will be used by W. P. Fuller & Co., paint manufacturers, in the company's 1924 advertising campaign.

Douglas Fir Exploitation and Export Co. announces the removal of its offices to 244 California street, San Francisco.

Bode Gravel Co. of San Francisco has been incorporated with a capital stock of $50,000. Directors are: E. D. Connelley, H. W. Bode and M. Bode.

Eagan Construction Co., general contractors, has opened offices at 251 Kearny street, San Francisco.

PUBLICATIONS

The Federal Board for Vocational Education, Washington, D. C., has published Bulletin No. 87 on Apprentice Education. The manuscript for the bulletin was prepared by Jennie McMullin Turner, Ph. D., research assistant of the state board of Education, Madison, Wisconsin. The bulletin comprises a survey of part time education, and of other forms of extension training, in their relation to apprenticeship in the United States and statistics of part time education in Wisconsin. A part is dedicated to educational opportunities for employed workers through part time evening and extension classes provided by the public or by industry which are summarized by states. A list of industrial corporation schools and co-operative educational institutions is also given. The bulletin is the first of a series of publications which the Federal Board for Vocational Education will issue on apprenticeship and apprentice education. Succeeding bulletins will deal with apprenticeship problems in particular trades.

National Safety Council, 168 N. Michigan Ave., Chicago, has published a 12-page pamphlet, called "The Employees' Magazine—Its Duties and Opportunities," which outlines aims and purposes in publications issued for employes and describes many methods oy which they can be made invaluable to an industrial organization in establishing harmonious relations, encouraging thrift, and promoting safety and health. It discusses ways in which the editor can maintain the interest and the good will of his employe readers and thus pave the way for making his magazine an effective medium for any educational program. In the preparation of the pamphlet, the National Safety Council had the assistance of many editors of successful plant magazines.

Bulletin No. 138, just issued by the Engineering Experiment Station of the University of Illinois, discussing the effect of the use of alkalai metals, and also of certain alloys of these materials, have very low ionizing potentials. Notable among these is the alloy of potassium and sodium, the vapor of which has an ionizing potential of four volts or less. Copies of the bulletin may be obtained without charge by addressing the Engineering Experiment Station, Urbana, Illinois.

Worthington Pump and Machinery Corporation, Cudahy, Wisconsin, has published two late bulletins covering equipment which the concern furnishes in the contracting field. Bulletin G-E No 2 illustrates and describes the Worthington throttling governor kerosens engines in various types. Form GE-35 illustrates and describes briefly the diaphragm trench pumping outfits which are portable and equipped with 1½ horsepower gasoline engines.

Proceedings of the Ninth Annual Meeting of the Building Officials' Conference have been published in booklet form. The program included reports of committees on limestone requirements, floor and wall openings, building exits code, arrangement of a building code, elevator code, and discussion of the proper use of lime in building construction and the fire resistance of concrete building block.

State And Municipal Bonds in 1923 Exceeded Billion Dollars

The total amount of State and municipal bonds issued in 1923, omitting notes maturing in less than one year, is estimated by The Daily Bond Buyer at $1,075,000,000. This figure is based on reports, mostly official, collected from about 7000 States, counties, cities, towns and districts in the United States and its possession.

State and local borrowing in 1923 declined over 15 per cent as compared with the year 1922, and almost 23 per cent when compared with 1921. The yearly totals since 1917, the last "normal" year, are as follows:

1917	$ 444,932,848
1918*	262,818,844
1919	770,195,248
1920	773,663,986
1921	1,383,368,900
1922	1,279,553,134
1923	1,075,000,000

*Decline due to Capital Issues Committee's restrictions on all forms of security flotations.

As these figures clearly show, State and municipal borrowing has increased tremendously in recent years. During the same period, Federal income surtaxes, from which bonds of States and municipalities are exempt, have been levied at very high rates. Naturally, those persons subject to high surtaxes have invested heavily in the exempt bonds, thus creating an abnormal demand for them. It has been assumed by many of the most prominent students of and writers on the subject of taxation that the increased demand for exempt bonds has resulted in widespread municipal extravagance. The increase in local government borrowing since 1917 is usually cited in support of this argument.

In 1917 and earlier years the average size of all States and municipal loans was about $89,000. By 1923, the average size of these had jumped to over $150,000. In other words, the cost of a school house, bridge, road, courthouse or sewer system considerably more than doubled between 1917 and 1923. Anyone who has bought a home or built a garage or called in the painter to redecorate a room knows that to be a fact. This is the real explanation of the biggest part of the increase in public borrowing.

Since 1917 the population of the country has increased 13,000,000. Such growth necessarily has necessitated tremendous new outlays by States, counties, cities, etc., for necessary public works. Further, there has been an important growth in the good roads movement, fostered largely by the Federal Government, but financed with State, county and district bonds. And the Soldiers' Bonus, a direct outgrowth of the war, has already resulted in the issuance of $275,000,000 of State bonds.

ENGINEERING EMPLOYMENT OUTLOOK IS GOOD

The outlook for engineering employment for 1924 is bright, and all indications point to a better year than 1923, says the public information service of American Association of Engineers. "Practically no unemployment existed in engineering throughout the country during 1923, except during the later months of the year. Business throughout the country is good, commodity prices high, labor well employed and at good wages, so the stage is set for the peak of prosperity in 1924.

"There is every indication that a big shortage of technical men will be experienced the first months of the year. Salaries of engineering positions may be advanced during this year on an average of 10 to 20 per cent. The demand for designers on all classes of work, especially architectural and structural, is already more than the supply, with a large demand certain as new work is started. Construction work in many sections will not take on definite strides until the spring season' opens. Manufacturing will be active and the demand for mechanical and chemical engineers will be fairly large during the coming year.

'The demand for the next year will be for specialists on construction, particularly factory buildings, hydroelectric, power houses and drainage projects. A good demand can be expected in the highway and municipal field. This year will see the railroad professional engineer in greater demand than he has been for the past decade. Railroads are contemplating considerable construction work, and there is much maintenance work that must be done. The electrical field is booming."

City of Petaluma will engage engineer to make survey for proposed sewer system for which bonds will be voted to construct.

ALAMEDA COUNTY BUILDING

Alameda county is building at a rate of more than $40,000,000 a year.

This is the estimate made by E. W. Shaw, secretary of the Builders' Exchange of Alameda County, who is compiling the building figures as a permanent record of the exchange.

The estimate is made on the first ten months' building record for 1923, ending October 31st.

In Oakland the November building permits total $2,336,472, which will bring the year's building estimates in the county well over $40,000,000, according to Shaw.

Here is the ten-months' building record as taken from the records in the various communities:

Oakland	$13,375,326.00
Alameda	1,406,968.50
Berkeley	6,625,304.00
Emeryville	811,978.00
Piedmont	1,641,752.61
San Leandro	785,264.00
Livermore	60,000.00
State of Cal. within county	1,072,622.01
Hayward	204,775.00
Albany	445,431.00
County building	350,588.19
Total for 10 mos.	$36,780,009.30

The $1,072,622.01 credited to the State of California is the cost of the new stadium built at the University of California, which seats more than 70,000 people.

Madera Sugar Pine Company, Sugar Pine Lumber Company and Yosemite Lumber Company, have filed a complaint with the Railroad Commission against the Minarets and Western Railway Company, Southern Pacific Company and Yosemite, Valley Railroad Company, charging that they are maintaining unreasonable and discriminatory rates on lumber from Pinedale, Madera and Merced Falls to points throughout California, and asking the Railroad Commission to fix reasonable rates, and to require the defendant carriers to desist from their alleged unjust and discriminatory practices.

Building News Section

APARTMENTS

SEATTLE, Wash. — University Improvement Co., 605 Minor Ave., will erect 4-story and basement, 134 by 120 ft., masonry apartment house in Boern Ave., est. cost $150,000.

VENICE, Los Angeles Co., Cal.—Architects Russell & Alpaugh, 1106 Story Bldg., are preparing plans for a 12-story Class C store and apartment building to be erected at Venice for J. Quinto. It will be designed to carry an additional story. Four stores in the first story and 8 apartments in the second; brick construction, 73x84 ft., ruled and glazed brick facing, plate glass, steel beams, composition roofing, metal skylights, pine trim, composition baths, wall beds, gas radiators, water heaters. Edw. Geraghty, Venice, will be the contractor.

Segregated Figures to be Taken Next Week.
APARTMENTS Cost, $40,000
SAN FRANCISCO. W Van Ness Ave S Filbert Street.
Three-story and basement frame and stucco (12) apartments.
Owner—Leo Blum.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Segregated Figures to be Taken Next Week.
APARTMENTS Cost, $100,000
SAN FRANCISCO. N O'Farrell 60 S Hyde St.
Six-story Class C reinforced concrete apartment house (40 2 and 3-room apts.)
Owner—Mrs. Margaret K. Ladd.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

LOS ANGELES, Cal.—T. C. Kistner Co., 616 Pantages Theater Bldg., is preparing plans for a 4-story class C apt. bldg., to be erected on Bonnie Brae St. near 7th St. for a local client; it will contain 43 single and double apts. Brick walls, 4-story and basement, 42x140 ft., comp. rfg., hardwd. and pine flrs., tiled baths and drainbds., elevator pine and hardwd. trim, wall beds, struc. steel, steam or elec. htg. system, etc.

ANTIOCH, Contra Costa Co., Cal. — see "Theatres," htis issue.

Owner Taking Sub-Figures. Concrete Work Contract Awarded.
APARTMENTS Cost, $100,000
SAN FRANCISCO. NW Franklin and Sacramento Streets.
Five-story and basement reinforced concrete apartments (3 or 5-room apts.)
Owner — W. Props, 965 Hyde St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
..**Concrete Work** awarded to the Atlas Concrete Co., 180 Jessie St.
Work will be done by day's labor and sub-contracts.

Contract Awarded.
APT. HOUSES Cost $13,600 each
OAKLAND, E 29th Ave. 50 N E-14th.
Two 2-story 16-room apt. houses.
Owner—C. L. Hoffman, 2115 Broadway Oakland.
Contractor—John Vaughan, 561 21st St. Oakland.

Contract Awarded.
APT. HOUSE Cost, $14,850
SAN JOSE, Santa Clara Co., Cal., 6th & San Fernando.
Frame apt. house (6 apts.)
Owner—W. H. Beal, 15 N 1st St., San Jose.
Architect—H. W. Higbee, Porter Bldg., San Jose.
Contractor—Walter E. Hauser, 431 N 4th St., San Jose.

Segregated Figures To Be Taken Next Week.
APT. HOUSE Cost, $150,000
SAN FRANCISCO, NE Hyde & O'Farrell Streets.
Six-story class C reinf. conc. apartment house (48 2 & 3-room apts.)
Owner—Stock & Jose.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $13,000
SAN FRANCISCO, W 24th Ave. 225 S Cabrillo.
Three-story and basement frame (3) apartments.
Owner—Wm. and Madeline Maher, 130 Cole St., San Francisco.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor — S. Ferroni & Sons, 1926 Filbert St., San Francisco.

January 15, 1921
Sub-Figures Being Taken By Owners.
APARTMENTS Cost, $48,000
SAN FRANCISCO, E Franklin S Chestnut.
Three-story and basement frame and tapestry brick veneer apartments (4 3-room, 2 2-room apts.)
Owner—Max Weismann, 1410 8th Ave., San Francisco.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $12,000
OAKLAND, S 43rd St. 190 W Grove St.
Two-story 16-room frame apts.
Owner—Elson V. Carstens, 695 43rd St. Oakland.

LOS ANGELES, Cal.—Architect H. W. Charlton, 18 Central Bldg., Glendale, has prepared plans for a four-story Class C apartment house to be erected at the southwest corner of Crown Hill Ave. and Witmer St. for Emil J. Stange, 1647 W. 11th St. It will contain 89 rooms, 44 apartments; brick walls, 55x110 ft., pressed brick facing, composition roofing, marble and tile work, pine trim, oak and pine floors, wall beds, tiled baths, water heaters, steam heating. Cost, $130,000.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. Fold-up-Dors, Ti-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co., Kansas City, Mo.

SASH OPERATING DEVICES

T. J. Callahan Co., Dayton, Ohio.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-shipping flooring. — Irving Iron Works Co., New York.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET

Sutter 5907 San Francisco

LONG BEACH, Los Angeles Co., Cal.—H. E. Ketchum and W. J. Phillips, 1304 E. Ocean Ave., have prepared plans and will erect a $140,000, two-story 70-room 60 unit brick apartment building at 1304 E. Ocean Blvd., Long Beach, for the firm. Foundation, 46x210 ft., composition roofing, hardwood floors, tile baths, disappearing beds.

Construction Changed — Plans Being Completed.
APT. HOUSE Cost, $90,000
SAN FRANCISCO, Franklin St.
Four-story and basement brick apt. house 2 & 3-rm. apts.
Owner—Withheld.
Architect—W. C. Mahoney, 892 Union, San Francisco.
Construction has been changed from reinforced concrete to brick.

Low Pressure Steam Heating & Plumbing—Contracts Awarded.
APT. HOUSE Cost, $1,500,000
SAN FRANCISCO, Washington near Gough St. adj. n.w. corner.
Seven-story and basement class A reinforced concrete apt. house.
Owner—Two Thousand & Six Washington Street Inc.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., S. F.
Bids will be opened on Dec. 24th.
Plumbing awarded to Fred'k Snook Co., 596 Clay St., $42,470.
Heating to Scott Co., 243 Minna St., $12,620.

To Be Done By Days Work.
APARTMENTS Cost, $15,000
SAN FRANCISCO, NE Chestnut and Octavia.
Two-story and basement frame (4) apartments.
Owner—S Barbario, Detjen & Noonan, premises.

Contract Awarded.
APARTMENTS Cost, $12,000
OAKLAND, S 40th St. 100 W Ruby.
Two-story frame 12 room apartments.
Owner—Robert Pringle Sr., 1109 Center St., Oakland.
Contractor—J. R. Langtry, 739 Aileen St., Oakland.

To Be Done By Day's Work.
APARTMENTS Cost, $16,000
SAN FRANCISCO SW Franklin & Lombard Sts.
Two-story and basement frame (8) apartments.
Owner—Chas. J. U. Koenig, 520 Church St., San Francisco.

LOS ANGELES, Cal.—Archt. and Eng Truesdell & Newton, 304 San Fernando Bldg., have completed sketches for a 4-story own-your-own-apartment bldg. to be erected at cor. Juanita and Clinton Sts., for A. W. Phillips; it will contain apartments of 1, 2 and 3 rms. each. Brick walls, comp. rfg., elevator, etc.

Sub-Contracts Awarded — Bids Being Taken.
APARTMENTS Cost, $90,000
SAN FRANCISCO — N Eddy St. 62-6 E Hyde St.
Six-story and basement reinforced concrete class C apartments and store building (30 2-room apts.)
Owner—Veyhle & Collins, 547 Brannan St., San Francisco.
Architect—E. E. Young, 2002 California St., San Francisco.

Contractor—M. A. Little, 535 Geary St., San Francisco.
Steel work awarded to Central Iron Works.
Brick work to Reed & Reed.
Plumbing to Chas. Higgins.
Sub-figures are being taken on the balance of the work.

BONDS

OAKLAND, Cal.—Until Jan. 28, bids will be rec. by county supervisors for the purchase of $63,000 school bond issue of Albany School District; proceeds of sale to finance erection of new school building. J. J. Donovan, 1916 Broadway, Oakland, is the architect.

AUBURN, Placer Co., Cal.—Bids will be rec. by supervisors Feb. 5 for purchase of $49,000 bond issue of Loomis Union High School District; proceeds of sale to finance new elementary school. Bonds were voted about 2 years ago. Geo. C. Sellon & Co., Mitau Bldg. Sacramento, are the architects.

SALINAS, Monterey Co., Cal.—Election will be held Jan. 26 to vote bonds of $40,000 to finance construction of grand stand and caretaker's bungalow in Sherwood Park and in Sherwood Park and $10,000 to finance erection of agricultural pavilion at same location. M. R. Keef, city clerk.

MADERA, Madera Co., Cal.—Election will be held Feb. 9 in Castle Peak School District to vote bonds of $1425 to finance school improvements. Trustees of district are: Mrs. Nellie Lavell, Ole Johnson and Maura C. Moes.

OROVILLE, Butte Co., Cal.—Election will be called shortly to vote bonds to finance construction of new grammar school for Oro Vista district. Structure will cost approx. $50,000.

STOCKTON, San Joaquin Co., Cal.—Until Feb. 4, bids will be rec. by county supervisors for the purchase of the $11,000 bond issue of the Montezuma School District; proceeds of sale to finance school improvements. Ralph P. Morrell, 41 S Sutter St., Stockton is the architect.

BEND, Ore.—Union High School District No. 2 of Deschutes county, recently organized, will call election shortly to vote bonds of $200,000 to finance erection of new high school.

OROVILLE, Butte Co., Cal.—A school bond election is contemplated by the school trustees due to over-crowded conditions in the present structures.

BERKELEY, Alameda Co., Cal.—Board of Education contemplates the erection of an auditorium building at the high school grounds. Funds for the structure will probably be provided in a bond election to be called shortly for school improvements.

CHURCHES

ARVIN, Kern Co., Cal.—Union Congregational Church is raising $10,000 fund to finance erection of new church building, the main auditorium to seat between 300 and 350 persons. D. H. Jinnett and Guy Hill are trustees.

LO SANGELES, Cal.—Archt. H. M. Patterson, 325 O. T. Johnson Bldg., has been commissioned by the Presbyterian Board of Extension of Los Angeles to prepare plans for 3-story class C parish house on Echandia St. near Bridge St. for the Church of the Divine Savior; it will have medical clinic, rooms for social community work, auditorium and classrooms for educational work. Brick walls, press. brick facing, 52x100 ft., with 2 wings, 20x30 ft. each, comp. rfg., cement and hardw. fls., gas rads., struc. steel, etc.; cost, $50,000

SAN FERNANDO, L. A. Co., Cal. — Archt. Robert H. Orr, 1305 Corporation Bldg., has completed plans for a new church bldg., to be erected at San Fernando Presbyterian Church; it will contain auditorium to seat 250 people, 15 classrooms, Sunday School assembly room, and intermediate auditorium. Two-story and basement, 92x96 ft., brick veneer constr., comp. rfg., cement and pine fls., gas unit htg. sys., water htr., art glass, pine trim; $50,000.

SANTA BARBARA, Santa Barbara Co., Cal.—Archt. Robert H. Orr, 1305 Corporation Bldg., has been commissioned to prepare plans for a church and Sunday School bldg. to be erected at cor. Chapala and Pedreggosa Sts., Santa Barbara, for the Central Christian Church of Santa Barbara. The church will have a large auditorium and probably a balcony and social hall, etc., and the Sunday School bldg., which will be erected at once to cost $40,000, will contain an assembly rm., with classrms. Frame and plaster constr., tile rfg., gas htg., water htr., pine and hardw. fls., pine and hardw. trim, art glass.

LOS ANGELES, Cal.—Archt. Robert H. Orr, 1305 Corporation Bldg., has been commissioned to prepare plans for a group of 3 church and Bible school bldgs. to be erected at the cor. of Melrose Ave. and Berendo St. for the Melrose Avenue Methodist Episcopal Church. The chapel bldg., which will be built at once, will cost $125,000 and will contain large auditorium, social hall, choir lofts and rostrum; there will also be a Wesley Foundation bldg. of 2 or 3-story to cost about $100,000, which will contain stores on first fl. with dormitories on upper fls.; the 3rd will be an educational bldg. to contain classrms, and large assembly hall and will cost $100,000. Brick and conc., tile and comp. rfg., furnace htg. sys., art. and stained glass, hardw. and cement fls., etc.

STOCKTON, San Joaquin Co., Cal.—United Brethern Church, Rev. L. S. Woodruff, pastor, has had plans prepared for a two-story concrete church to be erected at Stanislaus and Washington streets; est. cost, $40,000. Auditorium will seat about 500 persons.

PASADENA, Los Angeles Co., Cal.—Architects Elwin P. and Chas. E. Norberg, 704 Union Bank Bldg., Los Angeles, have completed plans for a new church building to be erected at the southwest corner of Orange Grove and Madison Aves., Pasadena, for the Swedish Evangelical Lutheran Church. It will contain auditorium and balcony to seat 500 people, classrooms, social hall, etc. Brick, 1-story and basement, stone trim, gas furnace heating, water heater, O. P trim, hardwood, O. P. and cement floors. Owner is taking bids.

SAN MATEO, San Mateo Co., Cal.—Methodist Episcopal Church has purchased site at Howard Ave. and El Camino Real on which it is proposed to erect new church building. Portions of other sites in the vicinity give the church a frontage 334 ft. on Howard Ave., 105 ft. on Primrose rd. and 121 ft. along highway.

FACTORIES AND WAREHOUSES

OAKLAND, Cal.—See "Garages," this issue.

OILDALE, Kern Co., Cal. — W. E. Grove, Los Angeles, has had plans prepared and will shortly start construction of one-story brick factory for the manufacture of water heaters; est. cost $15,000. Plant will have capacity of 25 heaters a day.

POINT FIRMIN, Cal.—Austin Co. of California, 737 Bartlett Bldg., L. A., will prepare plans and erect a large factory bldg. at Point Firmin, for the Southern California Cordage Co. It will cost about $75,000 and will be of brick constr., corru. iron and comp. rfg., cem. fls., steel sash, wire glass, steel frame.

LOS ANGELES, Cal.—C. L. Peck, 721 H. W. Hellman Bldg., was low bidder at $172,600 for erecting a six-story and basement Class A wholesale building on Los Angeles St. between 2nd and 3rd Sts. for the Western Wholesale Drug Co. It will be 60x153 feet, reinforced concrete construction, plate glass, steel sash, elevators. Plans were prepared by the Milwaukee Building Co. Other bids were: Clinton Constr. Co., $178,000; Pozzo Cosntr. Co, $185,000; Wm. Simpson Constr. Co., $188,000; K. B. Bradley Constr. Co., $188,000; L. A. Building & Contracting Co., $288,523; Milwaukee Bldg. Co., $190,804; T. B. Stewart Constr. Co., $194,450; Davidson Constr. Co., $198,250.

Planned.
PACKING PLANT Cost, $100,000
SAN FRANCISCO, NW Townsend bet. 4th and 5th Sts.
Concrete meat packing plant 82x240.
Owner—Frye & Co., Seattle.
Further details later.

MEDUSA
WHITE CEMENT
LOW PRICES
FRESH STOCK
Pacific Materials Co.
525 Market Street San Francisco

LOS ANGELES, Cal—Frank D. Chase Co., archts. and engrs., 533 Title Insurance Bldg., are completing plans for a 2-story automobile warehouse, to be erected in the Central Mfg. District for the Paul G. Hoffman Co., Inc. Reinf. conc. and brick constr; it will contain about 40,000 sq. ft. floor space and there will be a loading platform with 2900 sq. ft., comp. rfg., brick exter. walls, struc. steel, steel sash, elevator, wire glass, conc. fls., metal skylights, sprinkler system, etc.; $100,000. The bldg. will be erected under the supervision of William P. Neil, Terminal Bldg., Central Mfg. District.

FACTORY BLDG. Cost, $18,000
SAN FRANCISCO, 1710 San Bruno Ave. rear. Steel factory bldg.
Owner — California Shade Cloth Co., 1710 San Bruno Ave., S. F.
Archt & Contr.—Truscon Steel Co., 709 Mission, San Francisco.

LONG BEACH, Los Angeles Co., Cal. —Harvey H. Lochridge, 700 Markwell Bldg., Long Beach, is completing plans for a six-story basement and mezzanine stores and loft building to be erected by segregated contracts at the northeast corner of Broadway and Locust Ave., Long Beach, for the Boys' Shop, Inc. (Middaugh Bros., 128 W. Broadway, Long Beach). The owners, dealers in boys' apparel, will occupy the lower half of the blilding, remainder for lofts. Baker Iron Wks. Los Angeles, has the steel contract; N. Clark & Son, San Francisco, has the terra cotta contract. Other contracts to be awarded are the general contract, heating, plumbing, wiring, painting, elevators, plate glass. Steel frame, brick walls, composition roofing, foundation. 50x74 feet. Cost, $200,000.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 228 Higgins Bldg., is preparing plans for a 5-story Class C store and loft building to be erected on Figueroa St. south of 8th St., for himself. Dimensions, 50x155 ft., brick walls, rug. brick and terra cotta facing, plate glass, steel beams, composition roofing, fire escapes, steel sash, metal skylights, passenger and freight elevators. Cost, $85,000.

Contractors To Take Sub Figures Shortly.
WAREHOUSE Cost, $400,000
LOS ANGELES, 242 S Los Angeles St., rear.
Four-story and basement class A warehouse 216x187x221x90.
Owner—Blake-Moffat & Towne, 242 S Los Angeles St., Los Angeles
Engineer—J. D. Galloway, First National Bank Bldg., San Francisco. 923 Folsom St., San Francisco and Los Angeles.
Contractor—Clinton Construction Co.,

Contract Awarded.
BUILDING Cost, $10,070
SAN FRANCISCO, E Abbion 80 S 16th St. S 30 x E 60.
Building.
Owner—Wm. H. & Frances E. O. Young 77 Dorland, San Francisco.
Contractor—Jos. Howard, 444 14th St., San Francisco.

LOS ANGELES, Cal. — Progressive Laundry & Supply Co., 626 California Bldg., contemplates the erection of a 1-story and part 2-story laundry bldg. on Cordova St. west of Vermont Ave. It will be 95x135 ft. The company desires architects or contractors to submit plans and bids for erecting the bldg. C. R. Desmond, treasurer, & Geo. D. Ament, vice president, 626 California Bldg.

LOS ANGELES, Cal.—Archt. T. Beverly Keim, Jr., Haas Bldg., has prepared plans for a 5-story class A warehouse to be erected on New High St., between Temple St. and Sunset Blvd. for Brunswig Drug Co. Dimensions, 49 by 142 ft., reinf. conc. construction, plate glass, stucco exter., comp. rfg., metal skylights, steel sash, elevator, hollow tile partitions; $120,000.

Contract Awarded.
FACTORY Cost, $16,000
SAN FRANCISCO, N Bryant 175 W 3rd.
Two-story and mez. floor concrete factory.
Owner—L. A. Giacobbi & Sons.
Eng. & Contractor — J. H. Hjul, 128 Russ St., San Francisco.

FLATS

Plans Completed.
FLATS Cost, $12,000
BERKELEY, Alameda Co., Cal. No. 2312-14 Higard St.
Two-story 16-room flats.
Owner—Mary Humann, 2314 Highland Ave., Berkeley.
Architect—Vaino J. Mathala, 2405 McKinley Ave., Berkeley.

Plans Complete.
FLATS Cost, $12,000
SAN FRANCISCO, S California 55 W 18th Ave.
Two-story and basement frame (4) flats.
Owner—G. E. Whitmore, 673 16th Ave., San Francisco.

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, W 14th Ave. 150 S Cabrillo.
Two-story and basement frame (2) flats.
Owner—Edw. K. Bussee, 3440 24th St., San Francisco.
Contractor — H. S. Meinberger, 5720 California St., San Francisco.

Contract Awarded.
FLATS $12,000
BERKELEY, 1326 1326-A 1328 1328-A Shattuck Avenue.
Two-story 16-room flats.
Owner—Capt. Tom Smith, 1322 Shattuck Ave., Berkeley.
Contractor—E. A Brown, 1602 Shattuck Ave., Berkeley.

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, W 15th Ave. 233 S Geary.
Two-story & basement frame (2) flats.
Owner—Roy W. & Georgia M. Hoffman, 457 11th Ave., San Francisco.
Architect—I. A. Richardson, 46 Wanda St., San Francisco.
Contractor—Wm. G. Zupar, 1095 Market St., San Francisco.

Contract Awarded.
STORES & FLATS Cost, $10,000
OAKLAND, N 40th St. 77 E Manila Ave.
Two-story 10-room stores and flats.
Owner—Louise Betmont, 3857 Piedmont Ave., Oakland.
Contractor—Oliver Legault, 96 Montel St., Oakland.

GARAGES

Contract Awarded.
GARAGE Cost, $12,000
OAKLAND, N E-14th St. at 74th Ave.
One-story brick and tile garage.
Owner—Geo. T. Banks, 77 Sunnyside Dr San Leandro.
Contractor—C. A. Gossett, 327 Davis Court, San Leandro.

Plans Being Figured.
GARAGE Cost, ——
SAN FRANCISCO, Franklin near Jackson.
One-story reinforced concrete garage (private).
Owner—A. W. Wilson.
Architect—C. A Meussdorffer, Humboldt Bank Bldg., San Francisco.

Plans Completed—To be Done by Day's Work.
GARAGE Cost, $22,000
SAN FRANCISO. Geary St. and 31st Ave.
One-story brick garage.
Owner—B. Getz.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Completed.
OFFICE ETC. Cost, $48,700
OAKLAND, NW 21st and Adeline Sts.
One and 2-story concrete office and garage and warehouse.
Owner—East Bay Water Co., 512 16th St., Oakland.

LOS ANGELES, Cal. — Trewhitt-Shields Co., 506 Western Mutual Life Bldg., have been awarded a contract at $280,000 for all work complete for erecting a 4-story and basement class A store and garage bldg. at n.e. cor. of 6th St. and Kenmore Ave. for Wilshire Garage Corp., C. A. Doody, president. Walker & Eisen, 330 Pac. Finance Bldg., archts. The bldg. is designed for 8 stories. Dimensions, 150x150 ft., reinf. conc. construction, stucco and terra cotta exterior, plate glass, steel sash, comp. rfg., metal skylights, sprinkler system, ramps for automobiles, passenger elevator.

GOVERNMENT WORK AND SUPPLIES

Plans Being Figured.
POST OFFICE BLDG. Cost, $—
SAN FRANCISCO Embarcadero, Washington & Merchants Sts. 289 by 206 by 141 ft.
Four-story and basement fireproof Post Office building.
Owner—Jacob Kulp, 33 So. La Salle St. Chicago.
Lessee—U. S. Government.
Architect not given.
Among the San Francisco contractors who applied to submit bids are: MacDonald & Kahn, Barrett & Hilp, Ralph McLeran Co., J. E. Scully.

SAN FRANCISCO—Until Jan. 25, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., for fur. and del. various California points: 12,000 bbls. fuel (42 U. S. gals. to bbl.); 6000 gals. engine distillate and 2000 gals. gasoline. Further information on request.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, Washington, D. C. for fur. and del. materials to navy yards, as follows; date for opening bids as noted at close of each paragraph):
Schedule 1753, for Mare Island, 7000 pounds welding wire, Jan. 29.
Schedule 1754, for Puget Sound, 72 mechanical thermometers, Jan. 29.
Schedule 1755, for San Diego, 112 tube expanders, Jan. 29.
Sched. 1757, for Mare Island, 575 reams emery cloth, January 29.
Schedule 1759, for San Diego, 2666 boiler tube brushes; for Mare Island 530 do and 2700 steel brushes; Mare Island, 9 tube cleaners, Feb. 5.
Schedule 1761, for Mare Island, 3000 pounds muriatic acid, Feb. 5.
Schedule 1762, for Mare Island, 1800 seamless condenser tubes, Feb. 5.
Schedule 1763, for Mare Island, 4000 pounds ingot aluminum, Feb. 5.
Schedule 1765, for Mare Island, 325 searchlight carboons; for Puget Sound, 2100 pairs do, Feb. 5.
Schedule 1767, for Mare Island, 4000 pounds copper pipe, Feb. 5.
Schedule 1771, for various yards, gage glasses, Feb. 5.
Schedule 1787, for various eastern and western, miscellaneous goggles, eye protectors, etc., Jan. 29.
Sched. 1788, for Mare Island, 1 power plant equipment, Feb. 5.
Schedule 1789, for various eastern & western yards, miscellaneous copper, brass and iron or steel wire, Feb. 5.

SEALED PROPOSALS will be received by the U. S. Veterans Bureau, Room No. 791, Arlington Building, Washington, D. C., until 11:00 A. M., Feb. 25th, 1924, and then and there publicly opened for the construction of a laundry building at the U. S. Veterans Hospital No. 94, American Lake, Wash., as indicated on plans and described in specifications. The work involved includes excavation, concrete work, brickwork, tar and gravel roofing, steel sash, metal doors, carpentry, hardware, painting, glazing, plumbing, heating and electric wiring, etc. Proposals will be considered only from individuals, firms, or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract, and who have established a record for satisfactory work and expedition on contracts of similar character and magnitude. Plans and specifications may be obtained upon application to the Construction Division, U. S. Veterans Bureau Room No. 791, Arlington Building, Washington, D. C., or the Medical Officer in Charge, U. S. Veterans' Hospital No. 94, American Lake, Washington, upon deposit of $15.00 to guarantee their safe return within 10 days after date of opening proposals. Frank T. Hines, Director. Jan. 18, 1924.

PORTLAND, Ore.—Until Feb. 14, 11 a. m., bids will be rec. by U. S. Engineer, 216 New Postoffice Bldg., Portland, for fur. and del. stone to const. north and south jetties at entrance to Coos Bay, Ore. Further information on request to above.

SACRAMENTO, Cal. — Bids were opened on Jan. 14th by Supervising Superintendent, U. S. Postoffice Bldg., 7th and Mission Sts., San Francisco, for new lighting etc., in postoffice and courthouse at Sacramento.
Dowd-Seid Elec. Co., 2369 Mission St., S. F. $1995
Thos. Day Co. 2049.60
Alternate bid 2188.60
Brass & Bronz Lighting Fixture Co. 2080.00
Roberts Mfg. Co. 2097.00
B. R. Wolf & Co. 2522.00
Bids were referred to Washington for approval.

SAN FRANCISCO—Until March 10, 11 A. M., bids will be rec. by U. S. Engineer Office, Customhouse, for fur. and del. stone for jetty construction at entrance to Humboldt Bay, Calif. Further information on request.

MARE ISLAND, Cal.—Butte Electrical Equipment Co., 530 Folsom St., San Francisco, submitted the lowest bids on all items to the Bureau of Yards and Docks, Navy Department, Washington, D. C., on Jan. 16, to construct fuel oil storage project at Mare Island, Calif. Navy Yard, under Specification No. 4717. The bid ranged in prices from $115,304 to $157,755. A complete list of the bids will be published shortly. The project involves two 50,000-barrel fuel oil tanks; three motor-driven centrifugal oil pumps; one motor-driven centrifugal pump for fresh water; one motor-driven foam chemical agitating pump; air compressor; foam solution tanks on steel towers, earth embankments around fuel oil tanks; three pump houses; tank heater house; valve chambers; catch basins and necessary piping, valves and fittings. The pump houses and heater house will have concrete foundations, brick walls, wood roof framing and slate and tin roofing.

HALLS AND SOCIETY BUILDINGS

SEATTLE, Wash. — Archt. & Eng. Henry Bittman, Securities Bldg., is completing plans for $1,000,000 lodge building to be erected for Eagles Temple Assn. (B.P.O.E., Seattle Lodge No. 1), at 7th Ave. and Union St. Will be 3-story, 100-ft. high, 120x175 ft., steel and concrete construction, faced with terra cotta. Auditorium seating 3000 persons is provided in the plans.

COLUSA, Colusa Co., Cal. — W. C. Blean, Colusa, awarded contract by Masonic fraternity to remodel Masonic hall at J and 5th Sts. The interior will be extensively remodeled and minor additions constructed.

HANFORD, Kings Co., Cal.—Until Feb. 5, 10 A. M., bids will be rec. by E. F. Pickerill, County Clerk, to erect American Legion Hall at Corcoran J. R. Henderson, architect, 109 E-Tulare St., Tulare. **See call for bids under official proposal section in this issue.**

HOSPITALS

Completing Plans
HOSPITAL (2nd unit) Cost, $70,000
NEVADA CITY, Nevada Co., Cal.
Two-story reinforced concrete hospital (second unit).
Owner—Nevada County.
Architect—Wm. Mooser, Nevada Bank Bldg., San Francisco.
Plans will be ready for figures in about a month.

Figures Being Taken.
HOSPITAL Cost, $30,000
BELMONT, San Mateo Co., Cal.
One-story frame and stucco cottage style children's hospital.
Owner—Chas. S. Howard Foundation Inc., headed by Dr. Max Rothchild and Harry C. Warren of San Francisco.
Architect—Henry H. Meyers and Geo. K. Klinkerdt, Associated, Kohl Bldg., San Francisco.
Figures are being taken for a general contract.

Figures To Be Taken Next Week.
HOSPITAL Cost, $150,000
SAN FRANCISCO, S E Jackson and Trenton Streets.
Four-story reinforced concrete hospital.
Owner—Chinese Six Companies.
Architect—Alfred I. Coffey, Humboldt Bank Bldg., San Francisco.

REDWOOD CITY, San Mateo Co., Cal —Until Feb. 4, 10 A. M., bids wlil be rec. by Elizabeth M. Kneese, County Clerk, to erect tubercular pavilion at Community County Hospital. Will H. Toepke, architect, New Call Bldg., San Francisco. **See call for bids under official proposal section in this issue.**

SACRAMENTO, Cal.—Until Feb. 4, 10 a. m., bids will be rec. by Harry W. Hall, county clerk, to fur. and lay linoleum in service and children's ward of infectious ward buildings at county hospital. R. A. Herold, architect, Forum Bldg., Sacramento. Cert. check 10% payable to Chairman of Bd. of Sups. req. Specifications obtainable from architect.

PRESCOTT, Ariz. — Bids are being taken for the erection of a Kitchen and mess hall building at the U. S. vet. hospital No. 50, Whipple Barracks. See "Office Proposals," this issue.

Plans Complete
HOSPITAL Cost $—
ALAMEDA, Alameda Co., Cal., SW Clinton Ave. & Willow St.
Four-sto. reinforced concrete hospital.
Owner — Alameda Sanitarium (Miss Kate Creeden, Dr. W. B. Stephens, A. W. Hall).
Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco and Central Bank Bldg., Oakland.
It will be decided in about a week whether bids will be taken or the contract awarded to a selected contractor.

SAN FRANCISCO, Cal. — Bids were opened as follows on Jan. 15th by W. A. Newman, Supervising Superintendent, P. O. Bldg., San Francisco, for a combination hot water heater and storage tank, also 2 turbine-type oil burners, the water "to be installed in the U. S. Marine Hospital and the oil burners in Oakland P. O. Bldg.
Turner Co. $1480
Lawson & Drucker 1490
Burnham Plumbing Co., Inc..... 1625
Bids were referred to Washington for approval.

MERCED, Merced Co., Cal. — R. W. Brown Construction Co., Madera, at $6,-750.31 awarded contract by supervisors to erect tubercular ward unit at county hospital. Will be 24-bed. structure.

HOTELS

Plans Being Prepared.
HOTEL Cost, $50,000
MORGAN HILL, Santa Clara Co., Cal.
Three-story brick Class C hotel (32 rooms).
Owner—Withheld.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

Contract Awarded.
BOARDING HOUSE Cost, $16,000
BERKELEY, 2516 Le Conte.
Two-story 20-room frame boarding house.
Owner—Donald N. Ross.
Contractor—J. E. Bigelow, 2234 Atherton St., Berkeley.

Preliminary Plans Prepared.
HOTEL Cost, $500,000
OAKLAND, Alameda Co., Cal. Jefferson Street.
Ten-story Class A hotel building (250 rooms).
Owner—Capitalists backed by the Clay to Castro Street Imp. Ass'n.
Architect—Miller & Wernecke, Perry Bldg., Oakland.

Plans Being Prepared.
HOTEL Cost, $2,000,000
LONG BEACH, Los Angeles Co., Cal.
12-story steel and reinforced concrete hotel.
Owner—Long Beach Hotel Co.
Architect — Weeks & Day, California Ins. Bldg., San Francisco.
Plans have just been started.

Sub-Contracts Awarded.
ADDITION Cost, $—
SAN FRANCISCO, S Post W Powell.
Five-story class A addition to hotel.
Owner—St. Francis Hotel Co.
Architect — Bliss & Faville, Balboa Bldg., San Francisco.
Contractor — Lindgren-Swinerton Co. Inc., Standard Oil Co., S. F.
Heating to Jas. A. Nelson.
Electrical work to Standard Elec. Construction Co., 80 Tehama St., at $12,523.
Painting to D. Zelinsky.

SANTA BARBARA, Santa Barbara Co., Cal.—A new hotel and motor bus station is to be erected by the Pickwick Stage company at a cost of approximately $1,000,000, according to J. S. Rodman, Pickwick representative. The Santa Barbara station will be one of a chain along the Pacific Coast to be organized to facilitate stage travel, it is said. O'Brien Bros., 315 Montgomery St., S. F. are architects for the Pickwick Co.

LOS ANGELES, Cal. — Boyce-Seeley Constr. Co., 411 Pacific Finance Bldg., are preparing plans and will erect a 3-story class D hotel bldg. at the cor. of 18th and Georgia Sts. for themselves; it will contain 78 rooms with about 50 per cent baths. Frame and plaster constr., tile and comp. rfg., hardw. and tile fls., gas rads., wall beds, pine trim, unit water htr., metal lath; $100,000.

LOS ANGELES, Cal.—L. A. Smith, 3rd St. and Western Ave., Los Angeles, has completed plans for a 12-story Class A hotel building to be erected at the northeast corner of Orange and Loomis Sts. for Arthur Mortimer and George Witte, 818 Chapman Bldg., Los Angeles. It will contain 270 rooms; reinforced concrete construction, brick filler walls, pressed brick and terra cotta facing, plate glass, marble and tile work, 100 per cent baths or showers, 2 elevators, steam heating, vacuum cleaning. Cost, $700,000.

HOTEL Cost, $—
Plans Being Prepared.
GARBERVILLE, Humboldt Co., Cal.
One to 5-story brick and native stone hotel.
Owner—Benbo Development Co., Eureka, Calif.
Architect—Geo. E. McCrea, 369 Pine St., San Francisco.

WILMINGTON, Los Angeles Co., Cal. ——The Harbor Constr. Co. (Olin J. Cope and W. J. McCormick), 326½ Canal St., Wilmington, is preparing plans and will erect a $75,000 two-story brick hotel and apartment building on the east side of Broad St., Wilmington, for Leo Humphries of Detroit. Red ruff. brick exter., com. rf., hardwood floors, tile baths.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 228 Higgins Bldg., is preparing plans for a 3-story class C brick store and hotel bldg. to be erected on San Pedro St. near 7th St. for Mrs. N Canepa. Three stores and 54 hotel rms; dimensions, 60x110 ft., brick walls, press. brick facing, steel beams, comp. rfg., plate glass, metal skylights, fire escapes, pine trim., gas htg., tiled baths, hot and cold water, lavatory in each room; $65,000.

ICE AND COLD STORAGE PLANTS

Contract Awarded
FACTORY Cost, $50,000
SAN MATEO. San Mateo Co., 836 San Mateo Drive.
One-story concrete and frame ice factory, 50x150.
Owner — Peninsula Ice Delivery Co., San Mateo
Contractor—S. A. Wisnom, 'A" and 2nd Sts., San Mateo.

NORTH SACRAMENTO, Cal.—Wm. J. Kerth, 1401 43rd St., Sacramento, has purchased site in Del Paso Blvd. and will erect a modern ice plant.

POWER PLANTS

Foundation & Piling Bids In and Under Advisement.
SUB-STATION Cost, $75,000
SAN FRANCISCO, Liedesdorff & Commercial.
Four-story reinforced concrete electric sub-station.
Owner—Pacific Gas and Electric, 445 Sutter.
Architect—Engineering Department of owner.
A contract will be awarded in about a week for the piling and foundation work. Structural steel to be taken in about two weeks.

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SEAL BEACH, Cal.—L A. Gas & Elec. Corp., 645 S-Hill St., Los Angeles, through A. B. Day, gen., supt., has announced plans for a $10,000,000 power plant to be constructed on an 8-acre tract at Seal Point, on the east side of Alamitos Bay inlet. The plant, when completed, will have a generating output of 288,000 h. p. The purchase of the tract for approx. $200,000 has been completed.

LOS ANGELES, Cal.—Until 3 P. M., Jan. 22, bids will be rec. by public service comm., 207 S Broadway, for lead covered cable under spec. P-321. Jas. P. Vroman, secy.

SAN FRANCISCO. — Pacific Coast Steel Co., Rialto Bldg., at approx. $274,-224 awarded contract by Bd. Pub. Wks. to furnish transmission towers for Moccasin Creek Power Plant of Hetch Hetchy project.

RICHMOND, Contra Costa Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, appropriates $70,000 to install transformers and other equipment in Richmond sub-station. L. H. Newbert is division manager of company.

MODESTO, Stanislaus Co., Calif. — Bank of Italy bidding $244,600 awarded purchase of $250,000 Don Pedro bonds of Modesto Irrigation District; proceeds of sale to finance power distributing works.

OLYMPIA, Wash.—Stone and Webster, Inc., through the Puget Sound Power and Light Co., has applied to Marvin Chase, state supervisors of hydraulics, for permit to divert 4000 cu. ft. of water from the Baker river, a tributary of the Skagit river; 65,000 h. p. is projected; dam 235 ft. high and 325 ft. long planned.

LOS ANGELES, Cal. — Application made to U. E. Engineer Office by So. California Edison Company for permit to lay covered cable, containing 10 telephone circuits, across (under) the Long Beach Harbor entrance of the Union Pacific bridge.

OLYMPIA, Wash.—Delta Electric & Water Co., authorized by Marvin D. Chase, state supervisor of hydraulics, to install hydro-electric power plant on Pilchuck creek, in Snohomish county; est. cost $200,000; will develop 550 h.p. through const. of conc. arch dam, 70 ft. high, 317 ft. long on top.

See "Irrigation Projects," this issue.

SAN FRANCISCO — Buzzell Electric Wks., 532 Sansome St., at $4703.35 awarded cont. by supervisors to fur. and install electric motors to operate machinery in Mission and Galileo High Schools, unit bids as follows: 4 ten-h.p. Westinghouse motors, set up and connected ready to operate at $261.56 each; 5 five-h.p. Westinghouse motors at $161.66 each; 4 five k.w. Westinghouse direct connected motor generator set at $480.25 each; 2 15-h.p. Westinghouse motors at $308.78 each; connecting up complete three wood turning lathes to their respective outlets, $43.30; 1 ten-h.p. Westinghouse motor and const. separate platform at end of bench for motor, $266.95.

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PACIFIC GROVE, Monterey Co., Cal.—Coast Valleys Gas and Electric Co., J. P. Pollard, vice president and general manager, orders const. of 2nd electrical transmission line to run from main station of Coast Valleys in Salinas to connect up with Monterey and other points in that section.

PUBLIC BUILDINGS

SANGER, Fresno Co., Cal.—A. Damant, Sanger, at $12,750 awarded contract to erect new firehouse, under recently voted $40,000 bond issue which also included purchase of fire equipment.

OAKLAND, Cal.—Board of Education passes resolution authorizing painting of Chabot Hall. Bids will be asked as soon as funds are made available.

SAN BERNARDINO, San Bernardino Co., Cal.—Until 11 a. m., Feb. 11, bids will be received by county supervisors for constructing an addition to the county courthouse. Howard E. Jones, 403 Katz Bldg., San Bernardino, archt. Bids will be taken on (1) general contract with alternates; (2) elec. wiring with alternate; (3) heating with alternates; (4) painting with alternates. Cert. check or bond 5%. Harry Allison, county clerk.

SALINAS, Monterey Co., Cal.—County Surveyor Howard Cozzens has completed tentative plans to remodel court house to provide additional quarters for various county offices. The basement will be extensively remodeled. The work will cost approximately $35,-000.

EL CERRITO, Contra Costa Co., Cal.—City trustees have ordered plans prepared for firehouse to be erected at Kearny and Potrero avenues.

LOS ANGELES, Cal.—Chas. G. Willis & Son, 2119 E. 25th St., were awarded a contract at about $45,000 for grading and excavating for the new Central library building to be erected at 5th and Grand Ave. by the Board of Library Commissioners. Bertram G. Goodhue, New York, and Carleton M. Winslow, Van Nuys Bldg., are the architects.

SACRAMENTO, Cal. — City commissioners authorize expenditure of $1000 to remodel basement of county jail to relieve overcrowded conditions. New plumbing fixtures will be installed.

SAN FRANCISCO—The State Board of Harbor Commissioners awarded a contract for furnishing material and labor for the work of laying Columbia marble floors in the first floor waiting rooms in the Ferry Building to J. E. Back, 176 Edgewood, San Francisco, at $30,115.

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FIREBAUGH, Fresno Co., Cal.—City trustees contemplate erection of new city jail; est. cost $2500 of which county of Fresno will have one-half.

SANTA MONICA, L. A. Co., Cal.—The board of directors of the Santa Monica-Ocean Park Chamber of Commerce invites architects to submit competitive plans for the new chamber of commerce bldg., which is to be erected in Palisades Park. Plans should be submitted to L. M. Ford, chairman of building committee, in care of Santa Monica-Ocean Park Chamber of Commerce.

RESIDENCES

Plans Being Figured.
RESIDENCE Cost, $12,000
BERKELEY, Alameda Co., Cal. Dwight Way and Hillside.
Two-story frame and stucco residence with fire resisting shingles (8 rooms and garage).
Owner—Miss Edith Griffin.
Architect—John Hudson Thomas, First National Bank Bldg., Berkeley.
Figures are being taken for a general contract.

Contract Awarded.
RESIDENCE Cost, $10,150
BURLINGAME, San Mateo Co. Cal. Lot 154, San Mateo Park.
One and one-half-story frame residence.
Owner—Clair H. and R. L. Ross, 115 W-Bellevue St., San Mateo.
Architect—E. L. Norberg, 409 Occidental Ave., Burlingame.
Contractor—H. H. Putnam, 2508 Easton Ave., Burlingame.

Contract Awarded.
RESIDENCE Cost, $14,450
SAN FRANCISCO, SE Green and Pierce
All work except gas meters, elec. wiring and fixtures, hdw., painting & papering for 2 frame residences.
Owner—Adam Schaefer, 3252 16th St., San Francisco.
Contractor—Joel Johnson & Son, 180 Jessie St., San Francisco.

Revised Plans Being Figured.
ALTERATIONS Cost, $30,000
SAN FRANCISCO, Broadway and Baker No. 2999 Broadway.
Extensive alterations to residence.
Owner—I. C. Ackerman.
Architect — Weeks & Day, California Ins. Bldg. San Francisco.

GLENDALE, L. A. Co., Cal. — Geo. Hockensmith, builder, 2732 Glendale Blvd., Los Angeles (phone Drexel 1226) has purchased 50 lots in Rossmoyne subdivision, North Glendale, where he states he will erect fifty high-class dwellings at a total investment cost of $600,000.

Contract Awarded.
RESIDENCE Cost, $20,000
SAN FRANCISCO, SW Borica and Entrada.
One and one-half story frame residence.
Owner — Urban Realty Improvement Co., 39 Montgomery, San Francisco
Architect—Archie T. Newsom, Nevada Bank Bldg., San Francisco.
Contractor—Leonard & Holt, 39 Montgomery St., San Francisco.

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Plans Being Prepared.
RESIDENCE Cost, $30,000
SAN FRANCISCO, Church and Liberty Sts.
Two-story frame and stucco residence with tile roof (10 rooms).
Owner—David Werner.
Architect—C. A. Meussdaffer, Humboldt Bank Bldg., San Francisco.

Contrasct Awarded.
RESIDENCE Cost, $15,000
BERKELEY, Alameda Co., Cal. No 924 Mendocino St.
Two-story 8-room frame residence.
Owner—W. J. Martimer.
Architect—None.
Contractor—F. E. Armstrong, 1776 Arch St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $12,000
BERKELEY, Hawthorne Terrace.
One-story frame and plaster residence.
Owner—Col. C. H. McNeil.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.
Contractor—H. K. Schulz, 2100 Virginia St., Berkeley.

Contract Awarded.
RESIDENCE Cost approx., $20,000
SAN FRANCISCO, Monterey Blvd., St. Francis Wood.
Two-story frame and plaster residence.
Owner—H. B. Holt, 46 Pierce St.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.
Contractor—Taylor and Jackson, 290 Tehama St., San Francisco.

Contract Awarded
DWELLING Cost, $11,250
OAKLAND, 722-4-6, 59th St.
One-story frame 11-room dwelling.
Owner—Mrs. E. Stewart, 730 59th St., Oakland.
Contractor—J. B. Peppin, 851 Trestle Glen Road, Oakland.

Contract Awarded.
RESIDENCE Cost, $10,395
SAN FRANCISCO, NW Santa Paula & Portola.
Two-story and basement frame residence.
Owner—Garden Homes Co., 378 Post St. San Francisco.
Architect—Masten & Hurd, 168 Sutter St., San Franvisco.
Contractor—Nels P. Johnson, 1034 Folsom St., S. F.

Plans Being Prepared.
RESIDENCE Cost, $13,000
PIEDMONT, Alameda Co., Cal.
Two-story frame and plaster residence
Owner—Withheld.
Architect — W. E. Schirmer, Thayer Bldg., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $13,000
OAKLAND, Lakeshore Highlands.
Two-story frame and stucco residence.
Owner—Withheld.
Architect — W. E. Schirmer, Thayer Bldg., Oakland.

SCHOOLS

McFARLAND, Kern Co., Cal.—Architect J. M. Saffell, 924 19th St., Bakersfield, is completing plans for school to be erected in McFarland, from recently voted bond issue for $50,000.

LOS ANGELES, Cal.—Until 9 a. m., Jan. 30, bids will be received by the board of education for erecting the following school bldgs.:

For erecting a new bldg. at Raymond Ave. school site, Raymond Ave., bet. 75th and 76th Sts.; Albert C. Martin, archt; 12-rms., brick constr., $84,000.

For erecting a new bldg. at Dayton Heights school site, N.W. cor. of Clinton St. and Westmoreland Ave.; John J. Frauenfelder, archt.; brick constr., $64,000.

For erecting a new bldg. at Lockwood St. school site, Lockwood St., bet. Virgil Ave. and Madison St.; Mott M. Marston, archt.; brick construction, $64,000.

Pans and spec. for above bldgs. may be obtained at the secy's office, 730 Security Bldg. Bids will be taken separately on the general contract, plumbing, wiring, painting and heating.

Plans Being Figured.
HOUSE Cost, $20,000
PALO ALTO, Santa Clara Co., Cal.
One-story frame and stucco parish house (auditorium, 4 classrooms, chapel, stage, etc.)
Owner—All Saints Episcopal Church.
Architect—John Branner, 251 Kearny St., San Francisco.
Figures are being taken for a general contract.

SAN BERNARDINO, San Bernardino Co., Cal.—C. R. Holbrook, city supt. of schools, has announced tentative plans for wrecking the old Junior high school bldg. at 8th and E Sts. and using the salvaged material to build a new assembly hall and gymnasium. Howard E. Jones, 405 Katz Bldg., San Bernardino, is archt. for the new 42-room bldg. to be erected at 8th and E Sts. at a cost of $220,000.

SAN RAFAEL, Marin Co., Cal.—Until Jan. 24, 8 p. m., bids will be rec. by Oliver R. Hartzell, secy. Board of Education, to grade West End Primary school grounds. Cert. check 10% req. with each bid. Specifications obtainable from secretary.

SAN RAFAEL, Marin Co., Cal.—Until Jan. 24, 8 p. m., bids will be rec. by Oliver S. Hartzell, secy. Board of Education, for excavating new high school site. Cert. check 10% req. with each bid. Specifications obtainable from secretary.

HANFORD, Kings Co., Cal.—Architects W. H. Weeks, 369 Pine St., San Francisco and Jas. T. Narbett, 910 Macdonald Ave., Richmond, are conferring with trustees of the Hanford Elementary School District, regarding plans for proposed new 8-room school building in Donager Tract. Structure will be so designed as to permit additions when school attendance warrants enlargements.

CASTROVILLE, Monterey Co., Cal.—Until Jan. 24, 6 p. m. bids will be rec. by Jos. Gambetta, clerk Castroville Union School District, to cement basement of school. Spec. obtainable from clerk.

SALEM, Ore. — City school trustees approve plans of Knighton and Howell, Portland, Ore. architects, for proposed junior high school to be erected in North Capitol street; est. cost $200,000. Will be 2-story, 339 by 64-ft. fireproof construction.

Plans Complete—Figures To Be Taken Shortly.
SCHOOL Cost, $325,000
LEMOORE, Kings Co., Cal.
Reinforced concrete school (30 rooms and an auditorium).
Owner — Lemoore Union High School District.
Architect—W. H. Weeks, 396 Pine St., San Francisco.

KELSEYVILLE, Lake Co., Cal. — Election will be held Jan. 18 in Kelseyville Union School District to select site for proposed $50,000 school building for which bonds have already been voted. W. H. Weeks, 369 Pine St., S. F. is the architect.

STOCKTON, San Joaquin Co., Cal.—Stockton Lumber Co., at approx. $30,000 awarded contract to furnish 1,000,000 ft. of lumber on the College of Pacific project, the general contract for which was awarded to R. W. Moller College of the Pacific site, R. F. D. Route 246, Stockton, and Call Bldg., San Francisco. Davis-Heller-Pearce, Delta Bldg., Stockton, architects.

Plans Being Figured.
SCHOOLS Cost, $100,000
SALINAS, Monterey Co., Cal., Maple & California Sts. & Central Ave. and Capitol St.
Two one-story concrete school bldgs.
Owner—Salinas School District.
Architect—John J. Donovan and Davis-Heller-Pearce Co., Delta Bldg., Stockton, associated.
Bids are being taken for a general contract and will be opened about February 11th.

SAN FRANCISCO—Until Jan. 28, 3 p. m., bids will be rec. by Leonard S. Leavy, City Purchaser of Supplies, 270 City Hall, for fur. and del. desks and chairs for Pacific Heights school. Lists of materials desired will be furnished on application.

SAN FRANCISCO — See "Power Plants," this issue. Motor awards.

MODESTO, Stanislaus Co., Cal.—R. W. Brown Construction Co., Madera, at $4351 awarded cont. by Roberts Ferry Union School District, to erect frame school Jas. H. Hoose, architect, Ramont Bldg., Modesto. Other bids were: I. L. Hylton and Homer Jordan, Waterford, $4600; G. M. Smith, Riverbank, $4660; R. W. Brown Constr., Co., Madera, $4351; George J. Ulrich, Modesto, $5000; Randolph & Ward, Modesto, $4500.

DALLAS, Ore.—Arch. Freeman and Struble, 510 Bank of Commerce Bldg., Salem, Ore., have completed plans for Dallas high school; to contain 13 class and laboratory rooms, shower rooms, auditorium, etc., conc. and hollow tile construction.

Murch-Williams Constr. Co., Oakland, $122,810; (1) $285, (2) $6550, (3) $1845, (4) $865.
F. L. Hansen, S. F., $128,850; (1) $350, (2) —, (3) $1668, (4) $850.

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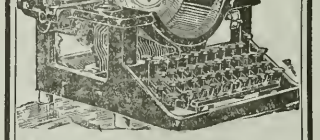

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OAKLAND, Alameda Co., Cal.—The following bids were received on Jan. 14th by J. W. Edgemond, secretary of the Board of Education of Oakland, for the construction of a two-story reinforced concrete school building. It is to be erected on E-17th street and 29th Ave. and is known as the "Hawthorne School." Plans were prepared by Architect John J. Donovan, 1916 Broadway, Oakland. Blds were taken under advisement.

Alfred Olson, 351 12th St., Oakland, $104,767; alternates, (1) $207 add, (2) $3450 add, (3) $1559 add, (4) $400 ded.

M. E. Hopper & Son, Oakland, $108,975 (1) $305, (2) $3495, (3) $1700, (4) $400.

Sample & Cody, S. F., $111,500; (1) $300, (2) $4000, (3) $3170, (4) $1000.

Alfred H. Vogt, S. F., $118,430, (1) $4,300, (2) $4300, (3) $1700, (4) $500.

F. W. Maurice, Oakland. $119,700; (1) $350, (2) $1400, (3) $1650, (4) $800.

Barrett & Hilp, S. F., $121,000; (1) $300 (2) $9800, (3) $1600, (4) $888.

Trobock & Cress, S. F., $121,300; (1) $390, (2) $4000, (3) $1700, (4) $900.

Schuler & McDonald, Oakland, $122,217; (1) $300, (2) $1300, (3) $500, (4) $452.

NORWALK, L. A. Co., Cal.—Until 7 p. m., Jan. 26th, bids will be received by the Trustees of the Excelsior Union High School District for a manual arts bldg., to be erected at Norwalk, as follows: (1) excavating, (2) carpenter work, (3) concrete work, (4) lumber, (5) mill work, (6) masonry, (7) comp. rfg., (8) painting, (9) struc. steel and iron work, (10) elec. work, (11) plumbing, (12) finish hardware. T. C. Kistner Co., 616 Pantages Theater Bldg., Los Angeles, and 537 Spreckels Bldg., San Diego, archts. Hollow tile walls, comp. raf., steel sash, wood roof trusses, hardwd. and cem. fls., wire glass. Bids will also be received for following steel lockers for the entire group of bldgs. and (2) carpenter work), (10) elec. work, (12) finish hardware for gymnasium bldg. being erected at site.

Date of Opening Bids Set—Plans Being Figured—Bids Close Feb. 5, 1924, 8 p. m.
SCHOOL BLDG. Cost, $200,000
LIVINGSTON, Merced Co., Cal.
One-story reinforced concrete high school building with auditorium.
Owner — Merced Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Figures are being taken as follows:
General contract.
Plumbing.
Heating.
Electrical work.
Window shades.
Linoleum.
Blackboards.
Gas generating plant.
Kewanee Water system.
Plans may be obtained from the architect.

BANKS, STORES & OFFICES

SACRAMENTO, Cal. — Allison and Maude Ware of Chico have purchased the nw cor. of 12th and K Sts. and plan to erect a business building.

Plans Being Figured.
BANK BLDG. Cost, $100,000
SAN FRANCISCO, NW Valencia and 22nd Streets.
One-story reinforced concrete branch bank bldg.
Owner — Hibernian Savings & Loan Society.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco. San Francisco.
Engineer—C. H. Snyder, 251 Kearny St.

To be Done by Day's Work—Sub-Figures to be Taken Shortly.
OFFICE, ETC. Cost, $48,700
OAKLAND, Alameda Co., Cal. Twenty-first and Adeline Streets
One and two-story concrete office and garage and warehouse.
Owner—East Bay Water Co., 512 16th St., Oakland.
Work will be started in about two weeks by the owner's forces.

Plans being Prepared.
ALTERATIONS $20,000
SANTA CRUZ, Santa Cruz Co., Cal. Cooper Street.
Alterations and additions to banking rooms.
Owner—Santa Cruz County National Bank.
Architect—M. G. West Co., 335 Market St., San Francisco.

Plans Being Figured.
STORE Cost, $30,000
(Completed structure $90,000)
BAKERSFIELD, Kern Co., Cal. Baker St. bet. Lake and Kentucky.
One-story and basement reinforced concrete and brick store (1st unit of 3-story & basement lodge bldg.)
Owner—Caledonia Masonic Lodge of East Bakersfield.
Lessees—Adolph & Elmer Karpe (mens furnishing).
Architect—Eugene K. Martin, Arlington Bldg., Bakersfield.

Planned.
DEPT. STORE Cost, $—
SACRAMENTO, Cal., J bet. 11th & 12th
Fireproof dept. store.
Owner—Chas. P. Nathan & Sons Co. 800 L. St., Sacramento.
Architect not selected.

Contractor Taking Sub-Figures.
ALTERATIONS ETC. Cost, $45,000
SAN FRANCISCO, NE Bush and Grant Avenue.
Alterations and additions to 3-story class C bldg. for stores and restaurant.
Owner—Mandarin Co., Premises.
Architect—Ashley & Evers, 58 Sutter St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

OAKLAND, Cal.—See "Garages," this issue.

LOS ANGELES, Cal.—Jo Toplitzky, H. W. Hellman Bldg., representing a syndicate, has secured a 99-year lease on the property at the n.e. cor. of 7th and Lucas Sts. The lease stipulates that the erection of a class A bldg. to be commenced within four months. The lessees contemplate the erection of a 12-story bldg. to cost $1,000,000. The site is 109x149 ft.

SANTA MONICA, L. A. Co., Cal.—Architect S. Charles Lee, 221 Douglas Bldg., is preparing sketch plans for a Chamber of Commerce & Pacific Electric Station Bldg. to be erected on the Palisades, Santa Monica. There will be a banquet auditorium to seat 500, lounge rooms; $50,000.

SEATTLE, Wash. — Grant Smith & Co., Henry Bldg., Seattle, at approx. $750,000 awarded contract by Metropolitan Building Co., to erect 7-story reinforced concrete physicians and denitsts office building. A. H. Albertson, archt., Henry Bldg., Seattle. Basement will contain garage quarters for tenants.

SEATTLE, Wash.—Rounds-Clist Co., Walker Bldg., at approx $1,500,000 awarded contract by Bradner Investment Co., to erect 18-story fireproof office and store building on site of Frederick and Nelson store. Will be known as Medical and Dental Building, being occupied exclusively by doctors and dentists. J. A. Creutzer, Leary Bldg., Seattle.

Bids To Be Taken Shortly For Concrete, Carpenter Work, Masonry, Etc.
OFFICE BLDG. Cost, $1,500,000
SAN FRANCISCO, SE Market & Beale Streets.
Seventeen-story and basement class A brick, steel and concrete office building.
Owner—Pacific Gas & Electric Co.
Architect — Bakewell and Brown, 251 Kearny St., San Francisco.
Consulting Engineer — C. H. Snyder.
Consulting Mechanical Engineer — Hunter & Hunter.
Figures are now being taken by Mr. Mahoney of the P. G. & E. Purchasing Department for the granite work.
The concrete, carpenter work and masonry bids will be taken in about two weeks.

Contractor Taking Sub-Bids.
ADDITION Cost, $103,000
OAKLAND, N 15th St. 150 W Clay.
Four-story concrete store addition (furniture store).
Owner—A. E. Corder, 350 Lenox Ave., Oakland.
Lessee—John Breuner Co.
Architect—Reed & Corlett, Oakland Bk Bldg., Oakland.
Contractor—F. J. Walker Co., Sharon Bldg., San Francisco.

Completing Plans—Ready For Figures in Two Weeks.
DANCE HALL & STORE $250,000
SAN FRANCISCO, SW Market and 9th Streets.
Four-story class B dance hall, office and store building.
Owner—Trowbridge & Perkins.
Architect—E. E. Young, 2002 California St., San Francisco.

Grading Contract Awarded—Steel Bids To Be Taken.
STORE & LOFTS Cost, $70,000 each
SAN FRANCISCO, S Market St., 50 E 8th.
Two 4-story and basement steel and reinforced concrete store and loft buildings.
Owner—Marion Realty Co.
Architect—D. C. Coleman, 1171 Market St., San Francisco.
The grading has been awarded to C. J. Powers. Steel bids will be taken this week.

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Plans Being Prepared.
ADDITION Cost, $100,000
OAKLAND, Broadway and 11th St.
Two-story class A addition to bank.
Owner—Bank of Italy.
Architect—H. A. Minton, 550 Montgomery St., San Francisco.

Permit Applied For.
ADDITION Cost, $103,000
OAKLAND, N 15th St. 150 W Clay.
Four-story concrete store addition (furniture store).
Owner—A. E. Corder, 350 Lenox Ave., Oakland.
Lessee—John Breuner Co.
Architect—Reed & Corlett, Oakland Bk Bldg., Oakland.
Contactor—P. J. Walker Co., Sharon Bldg., San Francisco.

Contractor Taking Sub-Figures)
STORE & LOFT Cost, $390,000
LOS ANGELES, Cal., E Broadway bet. 8th and 9th.
12-story and basement class A store & loft bldg.
Owner—Wurlitzer Co.
Architect — Walker & Elsen, Pacific Finance Bldg., Los Angeles.
Contractor—Larsen-Siegrist Co., Bartlett Bldg, L. A. and Claus Spreckels Bldg., San Francisco.
Sub figures are being taken for electrical work, plumbing, plastering, painting, heating, etc.

Permit Applied For.
STORE BLDG. Cost, $18,000
STOCKTON, 427-20 E Channel St.
One-story store bldg.
Owner—Pahl-Harry Co. (plumbers), 33 S Sutter St., Stockton.

Permit Applied For.
STORE Cost, $10,000
STOCKTON, San Joaquin Co., Cal., 121 South American St.
Ones-story store.
Owner—Triolo & Armanino, Stockton.

LOS ANGELES, Cal. — Architects Walker & Elsen, 330 Pacific Finance Bldg., have prepared preliminary plans for a 13-story Class A medical office building to be erected at the southeast corner of 8th and Francisco Sts for a syndicate of which Dr. F. E. Morgan is a member. Tropp Realty Co., 7th and Hill Bldg., is in charge of the leasing arrangements. The building will be 100x184 ft., reinforced concrete construction.

LONG BEACH, Los Angeles Co., Cal. —Architects Curlett & Beelman, 408 Union Bank Bldg., Los Angeles, are taking bids for structural steel for a 13-story and basement Class A bank and office building to be erected at First street and Pine avenue, Long Beach, for the Security Trust & Savings Bank. The bank will occupy the first two stories, and each of the upper stories will contain 26 offices; structural steel frame, reinforced concrete floors, brick filler walls, pressed brick and terra cotta facing, plate glass, marble and tile work, mahogany interior trim, 4 elevators, ornamental iron, safety deposit vaults, steam heating, bank fixtures. Cost, $1,000,000. The building will be 75x150 ft. Bids will be taken on general and subcontracts soon.

LOS ANGELES, Cal.—H. W. Baum Co., 794 S Alameda St., has the contract at $45,194 to erect a 3-story brick store and loft bldg. at 6363 Hollywood Blvd. for Hollywood News Publishing Co. Kenneth Macdonald, Jr., & Co., 1305 Brack Shope Bldg., archts. Dimensions 82x105 ft., brick walls, plas. exter, plate glass, steel beams, comp. rfg., metal skylights, steel sash, elevator.

FRESNO, Fresno Co., Cal.—Security Title Insurance and Guaranty Co., Brix Bldg., Fresno, contemplates the erection of a five or six story reinforced concrete office building in Fulton St., bet. Tulare and Mariposa Sts.; will have 47-ft. frontage. Glenn A. Schaeffer, president of company.

THEATRES

ANTIOCH, Contra Costa Co., Cal.—Fred Stamm and R. M. Beede contemplate the erection of a modern apartment house and theatre building at 2nd and G Streets. Details will be announced when negotiations for the property are completed.

Working Drawings Being Prepared.
THEATRE & STORE Cost, $200,000
SAN MATEO, San Mateo Co., Cal.
Reinforced concrete theatre and store building.
Owner—E. Arkbush et al.
Architect — Weeks & Day, California Ins. Bldg., San Francisco.

HUNTINGTON PARK, L. A. Co., Cal. —Arthur G. Lindley and Chas. R. Selkirk, assoc., 800 American Bank Bldg., are preparing plans for a class A theatre bldg. to be erected on S Pacific Blvd., Huntington Park, for Hulsman & Boyd. The theatre has been leased to the West Coast Theatre, Inc. It will have a seating capacity of 1800 people, and there will be shops and offices in the bldg. Three sto., 114x150 ft., reinforced conc. constr. ,comp. rfg., cement and hardw. fls., ornam. iron wk; large lobby; cost $200,000.

WHARVES AND DOCKS

VENICE, Cal.—Charles Lick granted permission by city trustees to rebuild Lick pier at Ocean Park, recently destroyed by fire. Est. cost, $1,000,000. Work is to start at once.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded.
ORPHANAGE BLDGS. Cost, $—
SAN RAFAEL, Marin Co., Cal., St. Vincents Orphanage Site.
Five 2-story reinforced concrete orphanage bldgs. (3 dormitories and a gymnasium and chapel).
Owner—Roman Catholic Archbishop.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—J. A. Bryant, 185 Stevenson St., San Francisco.
Each of the dormitories will accommodate 30 boys and are built in the apartment style.

THE BUILDERS' Exchange hold.
• • •
A BIG jinks or something.
• • •
ON SATURDAY night.
• • •
AND MASTERTILE Dickey.
• • •
OF THE California Brick Co.
• • •
WILL SHOW movies.
• • •
OF THE last "Builders' Day."
• • •
AT CAPITOLA (September, 1923)
• • •
WHILE THE moving pictures.
• • •
SHOW HAROLD Larsen.
• • •
WINNING THE capital prize.
• • •
IN DICKEY'S tile-laying contest.
• • •
THE CAMERA also registers.
• • •
POOR, INNOCENT Sandy Pratt.
• • •
ON A beach bench.
• • •
AND A lady was sitting.
• • •
ON THE edge of the bench.
• • •
IN DANGER of falling.
• • •
SO SANDY put his arm.
• • •
AROUND HER waist.
• • •
TO SAVE her life.
• • •
THE CAMERA caught the scene.
• • •
AND NOW Sandy, "Mayor."
• • •
OF BEAUTIFUL Westwood Park.
• • •
IS TRYING to supress
• • •
THE PICTURE and everything.
• • •
BECAUSE IF Sandy, producer.
• • •
OF CLEAN sand, rock and gravel.
• • •
WANTS TO run again.
• • •
FOR "MAYOR."
• • •
OF BEAUTIFUL Westwood Park.
• • •
WITH ITS 650 contented families.

AND SOME one re-produces the above.
• • •
IN WESTWOOD'S movie house.
• • •
THEN SANDY'S opponent.
• • •
MIGHT USE the picture.
• • •
FOR "POLITICAL purposes."
• • •
HOWEVER, BESIDES this picture.
• • •
AL WHITE and Joe Odgers say.
• • •
THE SHOW will be wonderful.
• • •
IT HAS to be.
• • •
WHEN AL Roofing Pape.
• • •
IS AT the wheel.
• • •
OR AS we would say.
• • •
IN THE roofing game.
• • •
"ON THE handle.
• • •
OF THE mop."
• • •
"I THANK you."

Miss B. Rockcandy, of Prattrock, near Folsom (home of Sandy Pratt's new $250,000 rock and gravel crushing plant), who will dance the "Sand Dab" trot at the mammoth Builders' Exchange jinks. The boys will use Pratt's sharp, clean sand to keep their feet from slipping.

Plans Being Prepared.
EXCHANGE BLDG. Cost, $175,000
SACRAMENTO, Cal., J St. bet. 14th & 15th.
Eight-story class A exchange bldg. (steel frame and concrete).
Owner — Pacific Tel. & Tel. Co., 333 Grant Ave., San Francisco.
Architect—None given.

Contractors Taking Sub-Figures.
EXCHANGE BLDG. Cost, $100,000 Approximately.
SANTA ROSA, Sonoma Co., Cal. Second and B Streets.
Three-story and basement steel and reinforced concrete exchange building.
Owner—Pacific Tel. & Tel. Co.
Architect—E. V. Cobby, 333 Grant Ave., San Francisco.
Contractor—Monson Bros., San Francisco.

Excavating Started—General Bids To Be Taken Shortly.
EXCHANGE BLDG. Cost, $175,000
SACRAMENTO, Cal., J St., bet. 14th & 15th.
Eight-story class A exchange bldg. (steel frame and concrete).
Owner — Pacific Tel. & Tel. Co., 333 Grant Ave., San Francisco.
Architect—Bliss & Faville, Balboa Bldg San Francisco.
The excavating and piling has been awarded to A. W. Kitchen Co., 110 Market St., San Francisco, and the steel work to the Judson Manufacturing Co., 817 Folsom St., San Francisco.

Te Be Done By Day's Work.
NATATORIUM Cost, $125,000
SAN FRANCISCO, Corner Lombard & Taylor streets.
Two to 4-story brick, steel and concrete Natatorium, "New Crystal Palace Baths."
Owner—Edward Cerruti.
Architect — P. Righetti, 12 Geary St., San Francisco.
A tank 50 by 150 feet, and a filtration system which will change the water every six hours.
Professor Charles G. Hyde, of the University of California, who designed the Sacramento city filtration plant, is in charge of the installation of this feature of the Crystal Baths.
Construction will be started shortly.

FRESNO, Fresno Co., Cal. — City council will call election to fote bonds of $37,500 to finance construction of 3 playground community houses and 3 playground swimming pools (for minors).

SAN FRANCISCO—Standard Laundry Co., 3004 16th St., applies to supervisors for permit to install one 150 h.p. boiler and 3000-gal. oil storage tank in Harrison St. near 20th.

ALAMEDA, Alameda Co., Cal.—Bids were received as follows on January 7th., by W. E. Vareee, Clerk of the City of Alameda for the construction of a frame and stucco bungalow style firehouse to be erected on the corner of Pacific Avenue and Grand street. Plans were prepared by architect Carl Werner, Santa Fe Building, San Francisco. The contracts were awarded to the lowest bidders.

General Contract

McIntosh Bros., 1020 San Antonio Ave, Alameda (awarded)...$13,130
A. J. McPhee, Oakland 13,371
Trobock and Cress, S. F..... 14,210
Murch-Williams Constr. Co., Oakland 14,258
Louis Cohn, San Francisco..... 14,687
Lawton and Vezey, Oakland.... 15,250
A. Wegner, San Francisco 16,347
J. G. Branagh, Oakland 16,606
Larsen and Larsen 18,100

Plumbing

Charles Smith, 1812 Lafayette, Alameda (awarded) 1297
Thos. R. Catton, Oakland 1314
W. H. Picard, Oakland 1330
J. B. O'Mara, San Francisco..... 1355

Painting

R. Zelinsky, 180 Jessie St., San Francisco (awarded) $795
John Heritage & Son, Alameda... 950
A. Zelinsky and Son, S. F..... 975

Gasoline Equipment

Boyle-Dayton Co., 199 2nd St, San Francisco (awarded) $513.50
F. Bowser & Co. 545.00
Wayne Tank and Pump Co., San Francisco 552.80

FRESNO, Fresno Co., Cal. — City council will call election to vote bonds of $75,000 to finance construction of municipal swimming pool. Wm. Stranahan is city engineer.

REDWOOD CITY, San Mateo Co., Cal —Negotiations for the purchase of the late C. Frederick Kohl's estate, "The Oaks," near Easton, San Mateo, by the Sisters of Mercy, have been undertaken. Should the Catholic order acquire the property it will become a novitiate and extensive improvements will be made.

LOS ANGELES, Cal.—Bavin & Burch Co., 173 E Jefferson St., has been awarded the general contract at $135,-603 for erecting a convent and dormitory bldg. on Pico St. near Arlington St. for the Home of the Good Shepherd. Newbery Electric Corp. was awarded the contract for electrical work at $1907, and Thos. H. Hogan has the plumbing and heating contracts on a percentage basis. Albert C. Martin, 228 Higgins Bldg., archt. It will contain a refectory, 3 dormitory rooms, clinic, kitchen, vocational trainingrms. recreation center and library. Four-story and basement, reinf. conc. frame and flrs., 50x165 ft., brick filler walls, rug. brick facing, terra cotta trim, pine interior trim, dumb waiter, cement and maple floors.

DURO
California Cedar Products Co.

All-Key Plaster Lath
(Patented)
100% Mechanical Key.

Plaster Wall Board
(Patent applied for)
The Last Word in Wall Board.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

LOS ANGELES, Cal—Bids for reinf. steel under specification 560 submitted to harbor commission Jan. 11, were: U. S. Steel Prod. Co., $675 bond; Geo. L. Eastman Co., $1630 bond; Truson Steel Co., $1686.65 bond; American System of Reinforcing, $1800 bond; Llewellyn Iron Works, bid incomplete, $60 bond; Chicago Railway Equipment Co., items A and C, $2220 bond; Wickwire-Spence Steel Co., items B and C, $725 bond. The various items for each bid were not read by the secretary at the meeting.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from the Domestic & Foreign Trade Bureau of the Chamber of Commerce, Merchants Exchange Bldg., San Francisco:

D-1019—New York, N. Y. Firm handling engineering, manufacturing, hardware and specialty goods desires one or two additional agencies for New York territory, including export, on commission basis.

D-1020—Cleveland, Ohio. Manufacturers of roofing supplies, paints, etc., desires to communicate with some Pacific Coast manufacturer of paints, varnishes and enamels for the handling of their paint business.

D-1021 — San Francisco. Gentleman who has sucdcessfully handled sales promotion work for San Francisco manufacturers and wholesalers is leaving soon for Honolulu. There he will act as sales agent for American firms and desires to get in touch with food products or merchandise firms desiring such representation.

D-1022—St. Louis, Mo. Inventor of air cushion piston ring for automobiles wishes to get in touch with interested party, who can furnish some capital for putting same on the western market.

7781 — Kobe, Japan. Import-export house desires to purchase new and second hand automobiles from San Francisco firms.

7782 Victoria, B. C. Parties having interest in a slate quarry producing a high grade slate for roofing and general purposes, seek a market in San Francisco and desire to communicate with responsible brokers or agents who handle slate.

7783 — Athens, Greece. Firm having offices throughout Greece desires to import Machinery and industrial articles, connected with internal combustion engines, agricultural implements, Diesel and semi-Diesel engines, benzine and petrol engines of stationary and marine type, electric motors and generators, accumulators, electric fittings, lamps, windmills pumps, centrifugal and deep well pumps, water and gas pipes, pipe fittings, tools of iron and wood.

7784—San Francisco, Calif. Gentleman, widely traveled, with knowledge of English, Spanish, Greek, French and German, desires to establish connections with reliable foreign trading house in San Francisco.

7785 San Francisco, Calif. Gentleman, twelve years' experience in Europe and Asia, desires to become connected with established import and export house. Foreign service, where his qualifications would render him more valuable, desired.

7789—Yokohama, Japan. Firm solicits catalogs and prices from manufacturers of Printing machines and types.

7790—Tientsin, China. Firm desires to be put in touch with manufacturers and exporters of resin.

7792—San Francisco, Cal. Gentleman leaving for China, Japan, Philippines, etc., about March 1st, desires to secure accounts with a few progressive firms desirous of developing a trade with the Far East, on a cash basis. He has had many years of business experience and has good connections in the Far East. Excellent references.

7793—San Francisco, Calif. Man, 30 years of age, married, college graduate, three years in Orient, some knowledge accounting, bookkeeping, three years selling experience, speaks some Spanish and Russian, will go anywhere.

Leads for Business

AUTOMOTIVE—L. H. Benthion buying greasing and oil station, 560 Commercial.
L. E. Roylance (Henderson Motorcycles), 100 Van Ness Ave. to 1416 Market.
Ford Wrecking House, 545 Van Ness Avenue.
BAKERIES—Bay View Bakery (Wilhelm Harde, Mark Cavalli), 4582 3rd.
BOXES—Western Paper Box Co., 444 Market to 200 Davis.
BROKERS—Universal By-Products Co. (milk by-products), John R. Spellacy, 316 Russ Bldg.
CIGARS—Antone Boschetti, 532 Green to 1415 Grant.
CLEANING AND DYEING—D. E. Sanderson, 915 Geary.
CONTRACTORS — Egan Construction Co. (Mr. Egan), 251 Kearny.
J. C. Martin, 1728 Sacramento to 422 Turk.
CONVENTIONS — January 18th, California White & Sugar Pine Mfrs. Association, C. Stowell Smith, Sec. 425 Call Bldg.
CROCKERY—M. Seller & Co., 66 3rd.
DENTISTS—Dr. C. V. Gallagher, 323 Geary to Flood Bldg.
FURNITURE—Redlick-Newman Co. to construct $45,000 warehouse, SE 17th and Mission.
HOTELS—Victor Anderson succeeding M. T. Poley, 2399 Folsom.
IMPORTERS—Far East Exporting Co., Marvin Bldg.
Banzai Trading Co., (Y. Kawahara), 711 Battery to Marvin Bldg.
JEWELERS—Alfred Jewelry Co., 1004 Market.
LAUNDRY—Corning Steam Laundry to erect new plant at Corning.
MACHINERY—Alameda Co. Board of Education to erect general machine shops in Oakland.
MFRS. AGENTS—I. H. Rosenthal, 833 Market.
Atlantic Pacific Agencies Inc., (McMullen, Deming, Langevin), 648 Mission to 116 New Montgomery.
MASSAGE—Weston Garnett, 376 Sutter.
MILLINERY—Dolly Varden Hats, 760 to 833 Market.
PLATING—Star Plating Works, 1768 O'Farrell.
PRODUCE—Jack Poole Co., J. E. Poole (dairy produce), 144 Davis.
S. C. Narcuse Co. (wholesale), 423 Front to 70 Jackson.
REAL ESTATE—S. Rhine & Co., 235 Montgomery to 150 Post.
RESTAURANT—O. Phillips, 201 9th.
RIGGERS—Smith Rice & Co., Inc., 150 Spear to 160 Steuart.
SHEET METAL WORKS — K. Sheet Metal Works, 1301 Steiner.
SHIPPING—American Bureau of Shipping (Frank H. Evers), Pife Bldg. to Matson Bldg.
TRANSPORTATION—Pullman Co. (Superintendent), Ferry Bldg. to Matson Bldg.
UPHOLSTERING—Galicia Bros., 3039 Sacramento.
WAREHOUSE—Walter H. Sullivan, 155 Montgomery, erecting one-sto. frame warehouse, 2nd and DeBoon Sts., Will be available for tenancy.
WOOD NOVELTIES—Redwood Novelty Co., 444 Market to 200 Davis.
MISCELLANEOUS — E. Curtis Gage, (The Small Shop), 2395 Greenwich.
Architect W. H. Toepke, Call Bldg. to receive bids tuberculosis pavilion, County Community Hospital, Redwood City.
Domestic Trade Dept. in correspondence with concern opening furniture and dry goods business in Bend, Ore., want contract with manufacturers of furniture, pianos, aluminumware, stoves, carpets and rugs.
Domestic Trade Dept. wants sea shells in wholesale quantity.

LEASES—Dec 28, 23—Harry G Irwin to Robert Chardon and Celestine Chardon—Hotel Normandie SE cor Sutter & Gough 15 yrs $540,000.
Assigned Jan. 2, 24 Harry G Irwin to M R Madary, A M Loper and S L Platt value recd.
Dec 1, 23—Mary McCarthy to Fred B Matthias—2905 Bush St 5 yrs $40 mo.

LADIES' APPAREL—Cohn & Stein to buy 2226 Mission.

LAUNDRY—W. Sugaya, 1453 Ellis.

LEASES — New tenant 505-506 Merchants Exchange Bldg.

MFRS. AGENTS—Imperial Supply Co., Williams Bldg.
PHYSICIANS—G. O. Jarvis, 1429 Leavenworth.
PUBLISHERS — Pacific Business, 620 Market.
RESTAURANT — Mohawk Restaurant 3401 3rd.
SHOES—Boston Shoe Co., 1356 Stockton.
STOCKS AND BONDS—Tanner-Stephenson Co. of Oakland, 625 Market.
TEXTILE—Thomas Young Inc. (J. L. Darragh and O. M. Nichols) 652 Pacific Bldg.
MISCELLANEOUS—Brown Co., 58 Sutter.
ACCOUNTANTS—Paul Heymann, 230 Montgomery.
ADJUSTERS—West Coast Adjustment Co., 101 Post.
ADVERTISING — H. N. Donaldson, 240 Montgomery.
ALUMINUM AUTO PARTS—Star Aluminum Foundry, (3621 18th), 681 Market.
ARMS & AMMUNITION—Savage Arms Corp. (C. W. Adas), 116 New Montgomery.
ATTORNEYS—A. M. Schears, Helbrook Building.
C. F Stanley, 703 Market.
AUTOMOTIVE—Federal Motor Truck Co. moving from 1123 Post, 1350 Howard.
Michelin Disc Wheel Shop, 1591 Bush.
BAKERIES — Simple Simon Pie Co., 1931 Sutter.
BEAUTY PARLORS — Miss Pubacher, 1713 Polk.
CANDY — Modelle Sweet Shop, 4837 Geary.
CHINESE MERCHANDISE—Yick Sing Co. to 4 Duncombe.
CLOTHING—Carvalho, Bertao & Co. 66 Jackson.
CONVENTIONS—January 29-30—Western Division United States Chamber of Commerce, Paul Clagstone, Mgr., 634 Merchants Exchange Bldg.
January 29-31—Western Confectioners Assn., J. J. Collins, 629 Folsom.
CREAMERIES—Danish Creamery Co., Fresno, to built $15,000 addition to plant.
DENTISTS—Dr. M. W. Levkowitz, 323 Geary to 870 Market.
DRUGS—Crystal Pharmacy, Ellis and Jones to O'Farrell and Larkin soon.
FLATS—John McClements, (1215 Filbert), at NE Filbert & Baker, $14,000.
FURNITURE—Leonard S. Leavy, City Hall, to purchase tables for school department.
GROCERS—Tudor Market 233 Jones.
S. Weinstein, 2300 Sutter.
HOSIERY—Marcus Levy, 65 Battery to 40 First.
LAMP SHADES AND CUSHIONS—Art Fabric Mfg. Co., (Arthur Samuel) 149 to 109 New Montgomery.
MFRS. AGENTS — L. E. Minter, 200 Davis.
MARKETS—New Castro Market, 498 Castro.
MILLINERY—Holt Millinery, 11 O'Farrell soon.
PUBLISHERS—Pacific Business, (statistical), Mr. Baley, 609 Crocker Bldg.
REAL ESTATE—J. Leslie Jacobs & Co. Inc. (successors to Emile E. Kahn & Co.) 227 Montgomery.
RESTAURANT—Lady Jane's Sandwich Shop, 398 Eddy soon.
SCHOOLS—Archt. W. H. Weeks, (369 Pine), preparing plans for high school at Woodland.

(Continued on Page 22)

Contractors, Builders, Engineers, You Can Now Protect Your Checks right on the job if you have a

"Security CHECK PROTECTOR FOUNTAIN PEN"

The Steel Cutting Wheel on the end perforates and forces a red acid proof ink into the fibre of the paper, protecting the amount, payee's name date, number of check, and all kinds of negotiable papers.

NEW FROM END TO END

Most perfect writing instrument made.

PRICES
$3.50 to $7.00

COUNTY and GENERAL AGENTS WANTED

SECURITY SALES CO.
253 MONTGOMERY STREET
San Francisco, Calif.

PACIFIC WAX-DYE CO.
Manufacturers of Specialties
Paints, Waxes, Dyes, Polishes
2886 16th St. San Francisco

WANTED
4000 sq. ft. 14 inch removable steel forms with 20 inch base for concrete joists.
M. JUUL HVORSLEV
1216 Clay Street, San Francisco
Phone Prospect 989

Official Proposals

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO CONTRACTORS

(Tubercular Pavilion— San Mateo Co.)

Notice is hereby given that sealed estimates will be received by the Board of Supervisors of San Mateo County, California, **up to Monday, the 4th day of February, 1924, at 10 o'clock A. M.,** for the building complete of a Tubercullar Pavilion on the property of the San Mateo Community Hospital at Beresford in San Mateo County, Calif., and in accordance with the plans and specifications as submitted by Will H. Toepke, Architect, and as filed with the Clerk of the Board of Supervisors, on January 7, 1924, to which bidders are referred.

The estimates must be in strict accordance with the requirements as called for in specifications.

All bidders submitting estimates will be required to submit with their proposal a certified check or certificate of deposit on some responsible Bank or Trust Company in the sum of ten (10) per cent of their bid. Said check to be made payable to the County Treasurer of the County of San Mateo, and will be held as security that the bidder will enter into a written contract with the Board of Supervisors of the County of San Mateo, if awarded the contract within ten (10) days, from the date of award. In the event of a breach in the terms under which this check is held, the said check or certificate of deposit will be cashed and the proceeds thereof placed to the credit of the building fund of said County of San Mateo.

The successful bidder will further be required to give a bond from a satisfactory surety company in the sum of fifty (50) per cent of his contract price, conditional for the faithful performance of his contract within the time limited, and to further insure the payment of all claims for labor and material furnished on the work.

The successful bidder will also be required to protect the County against liability arising under the Workmen's Compensation Act and against any and every contingency under which the County might be held liable during the progress of the work connected with the contents on said building.

The contract will provide for the retention of twenty-five per cent of the contract price for thirty-five (35) days after the completion of the work, and the filing of the notice of completion thereof.

Sealed estimates should be filed with the clerk of the Board of Supervisors.

The said Board of Supervisors of the said County hereby reserves the right to reject any or all bids.

Specifications can be seen at the Architect's office, Room 714, New Call Bldg., 72 New Montgomery street, San Francisco, California, or at the office of the Clerk of said Board in the Court House at Redwood City, Calif.

By order of the Board of Supervisors. Dated January 7, 1924.

ELIZABETH M. KNEESE,
Clerk.

BIDS WANTED FOR KITCHEN AND MESS HALL BUILDING

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the U. S. Veterans Bureau, Room No. 791, Arlington Building, Washington, D. C., until 11:00 A. M., Feb. 15th, 1924, and then and there publicly opened, for the labor, apparatus, material and transportation required to erect a Kitchen & Mess Hall Building and Connecting Corridors at the U. S. Veterans Hospital No. 50, Whipple Barracks, Prescott, Ariz., in strict accordance with plans and specifications. The work involves excavation, concrete work, tile walls, stucco exterior, plastered interior, built-up or asbestos shingle roofing, carpentry, fly screens, hardware, painting and glazing, refrigerators, plumbing, heating, electric wiring, electric fixtures, etc. Proposals will be considered only from individuals, firms or corporatons possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract, and who have established a record for satisfactory work and expedition on contracts of similar character and magnitude. Plans and specifications may be obtained upon application to the Construction Division, U. S. Veterans Bureau, Room No. 791, Arlington Building, Washington, D. C., or the Medical Officer in Charge, U. S. Veterans Hospital No. 50, Whipple Barracks, Prescott, Ariz., upon deposit of $15.00 to guarantee their safe return within 10 days after date of opening proposals. Frank T. Hines, Director, Jan. 15, 1924.

NOTICE TO BIDDERS

(Pipe & Fittings, City of Santa Cruz)

NOTICE IS HEREBY GIVEN that the Council of the City of Santa Cruz invites sealed proposals or bids for furnishing the following:

7800 feet twenty-two inch by three-sixteenths inch soil proof steel pipe;

1400 feet twenty-two inch by one-quarter inch soil proof steel pipe;

4800 feet fourteen inch by twelve gauge soil proof steel pipe;

1300 feet ten inch by twelve gauge soil proof steel pipe;

1400 feet ten inch by ten gauge soil proof steel pipe;

13,350 feet ten inch by eight gauge soil proof steel pipe;

All to be lap riveted, lap welded or butt welded, soil proof steel, or equivalent.

End joints to be lap riveted, lap welded or butt welded, or equivalent.

Alternative bids are requested as to fabrication, to furnish f. o. b. Santa Cruz, and to furnish, deliver and install complete, including material furnished by the City of Santa Cruz.

The lengths of pipe as shown above are approximate and are to be used only as a basis upon which to compare bids.

All material to be in accordance with the specifications and plans on file in the office of the City Engineer of the City of Santa Cruz.

Said proposals or bids will be received at the office of the City Clerk in the City Hall, Church Street, in the City of Santa Cruz, up to the hour of **9 o'clock A. M. on Thursday, the 31st day of January 1924,** and the same will be opened and declared at 9:30 o'clock A. M. on said day.

All proposals or bids must be in writing, must show the total amount bid submitted and be accompanied by a certified check or bond for ten per cent of the amount bid, payable to the City af Santa Cruz.

The Council of said City reserves the right to reject any and all bids.

Dated January 15, 1924.

S. A. Evans,
City Clerk.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

BIDS WANTED FOR LAUNDRY BUILDING CONSTRUCTION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the U. S. Veterans Bureau, Room No. 791, Arlington Building, Washington, D. C., until 11:00 A. M., Feb. 25th, 1924, and then and there publicly opened for the construction of a laundry building at the U. S. Veterans Hospital No. 94, American Lake, Wash., as indicated on plans and described in specifications. The work involved includes excavation, concrete work, brickwork, tar and gravel roofing, steel sash, metal doors, carpentry, hardware, painting, glazing, plumbing, heating and electric wiring, etc. Proposals will be considered only from individuals, firms, or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract, and who have established a record for satisfactory work and expedition on contracts of similar character and magnitude. Plans and specifications may be obtained upon application to the Construction Division, U. S. Veterans Bureau Room No. 791, Arlington Building, Washington, D. C., or the Medical Officer in Charge, U. S. Veterans' Hospital No. 94, American Lake, Washington, upon deposit of $15.00 to guarantee their safe return within 10 days after date of opening proposals. Frank T. Hines, Director, Jan. 18, 1924.

NOTICE TO CONTRACTORS AND BUILDERS

(American Legion Hall—Kings County)

Office of the Clerk of the Board of Supervisors of the County of Kings, State of California.

January 11th, 1924.

NOTICE IS HEREBY GIVEN that sealed proposals and bids will be received by the Clerk of the Board of Supervisors of the County of Kings, State of California, at his office in the court-house in the City of Hanford, in said County and State, up to the hour of **ten o'clock a. m., February 5th, 1924,** for the construction of proposed Legion Hall at Corcoran, California, in said County.

All bids must be presented under the forms to be obtained from J. R. Henderson, 109 East Tulare Street, Tulare, California, architect, or the County Clerk of the County of Kings, at his office at Hanford, California. Such bidder blanks and plans and specifications may be obtained at said offices.

Proposals and bids may be submitted for either or all of the propositions as follows:

Bid A. For all labor and material in connection with the contract for building complete with tile roof.

Bid B. For all labor and material in connection with the contract for building complete with composition roof.

Bid C. For all labor and material in connection with the contract for building, with ten feet omitted from the ength, and three feet omitted from the width, as indicated by drawings, complete with tile roof.

Bid D. For all labor and material in connection with the contract for building, with ten feet omitted from the length, and three feet omitted from the width, as indicated by drawings, complete with composition roof.

All plans and specifications must be returned with the bids, and a deposit of ten dollars must be made with the Clerk or the architect upon securing the plans and specifications.

All bids must be presented under sealed cover and endorsed: "Proposal of (bidder's name) for construction of Legion Hall at Corcoran, Kings County, California." Each proposal must be accompanied by a certified or Cashier's check in an amount equal to at least ten per cent of the amount bid, said check made payable to the County Clerk of Kings County, Such check to be received on condition that if the proposal of the bidder be accepted, the bidder will enter into and execute a contract for the faithful performance of the work described in the plans and specifications within ten days after notification to him of award of contract, and should said bidder fail to execute the same within said ten days (not including Sundays) from the date of notification of award, such check shall be forfeited to the County of Kings to be the property of said County. All other checks will be returned to the bidders who submitted the same, and whose bids shall have been rejected.

Plans and specifications for the work to which bidders are hereby referred are on file in the office of the Board of Supervisors of the County of Kings, at Hanford, and copies may also be obtained by contractors from the architect.

A bond, to be approved by the Board of Supervisors of the County of Kings, will be required for the faithful performance of the contract in an amount of not less than one-fourth of the estimated amount of the contract, and a bond to be approved by the Board of Supervisors of the County of Kings will be required for the faithful performance of the contractor in a sum not less than one-half of the estimated amount of the contract, as required by law.

The Board of Supervisors of said County reserves the right to reject any and all proposals or to accept the proposal considered by them to be the best.

By order of the Board of Supervisors of the County of Kings.

E. F. PICKERILL,
County Clerk and ex-officio Clerk of the Board of Supervisors of the County of Kings, State of California.
(SEAL)

NOTICE TO CONTRACTORS

(Paving—State Board of Harbor Commissioners)

OFFICE OF THE BOARD OF STATE Harbor Commissioners, Union Depot and Ferry House, San Francisco, California, January 14, 1924.

Sealed proposals or bids will be received at this office at or prior to **2 o'clock P. M., Thursday, Jan. 24, 1924,** for furnishing materials and labor for laying a wearing surface on China Basin Terminal Wharf, Pier 34 and Bulkhead Wharf near Pier 14, on the waterfront of the City of San Francisco, in accordance with plans and specifications prepared therefor by the Chief Engineer of the Board and adopted by the Board Jan. 10, 1924, and on file in this office to which special reference is hereby made.

The work to be done under these specifications consists of furnishing all materials (except Portland cement, which will be furnished to the Contractor by the Board), and labor for the work of laying a wearing surface on the China Basin Terminal Wharf, Pier 34 and Bulkhead Wharf near Pier 14.

The approximate quantities of the various kinds of work are: 70,830 square feet of 1½-inch Topeka wearing surface on concrete base at China Basin, 11,700 square feet of 2-inch Topeka wearing surface on timber deck at China Basin, 1980 square feet of seal coat wearing surface on timber deck at China Basin, 76,120 square feet of 2-inch Topeka wearing surface on timber deck at Pier 34, 8060 square feet of seal coat wearing surface on timber deck at Pier 34, 6810 sq. feet of 2-inch Topeka wearing surface on timber deck on the Bulkhead Wharf near Pier 14, and 4200 square feet of concrete fill at China Basin. The Portland cement used in the concrete fill will be furnished to the Contractor by the Board. Contractors may submit alternate bids for Willite process Topeka wearing surface.

All materials used must be of the best of their respective kinds if not especially specified herein. All material used in the structures will be subjected to a rigid examination and test, and if found defective, under size, unsuitable or not as specified, will be condemned and must be immediately removed from the work by the Contractor at his expense.

No bid will be received unless it is made on a blank form furnished from this office and is accompanied by a certified check for an amount equal to five (5) per cent of the amount of the proposal, to be made payable to the Secretary of the Board, conditioned that if the proposal is accepted and the contract awarded, and if the bidder shall fail or neglect to execute a contract and give the bond required within six (6) days after the award is made, in that case the said sum mentioned in said check shall be deemed liquidated damages for such failure and neglect, and shall be paid into the San Francisco Harbor Improvement Fund.

The contractor shall be required to give a bond unto the Board of State Harbor Commissioners for not less than one-half of the total amount payable by the terms of the contract, with a corporation, thereunto duly authorized by law and commonly known as a surety company, as surety (such surety company to be one of those approved by the State Board of Control, a list of these approved surety companies being on file in the office of the Secretary), and conditioned for the faithful performance by the contractor of all the terms and conditions of said contract according to the true intent and meaning thereof. Said bond shall also provide that if the contractor, person, company or corporation to whom said contract is awarded, fails to pay for any materials or supplies furnished for the performance of the work contracted to be done or for any work or labor done thereon of any kind, said surety will pay the same in an amount not exceeding the sum specified in said bond; and said bond shall also be made to inure to the benefits of material men, mechanics and laborers as provided by that certain act of the Legislature of the State of California, approved May 1, 1911 (Stats. 1911, P. 1422). Said bond must be acceptable to and approved by said Board both as to surety and form.

Bids will not be considered by the Board unless delivered to the Secretary or to the Assistant Secretary at the office of the Secretary, Room No. 17, Union Depot and Ferry House, at or prior to 2 o'clock P. M., on Thursday, Jan. 24, 1924, at which time and place the bids will be opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are invited to be present at the opening of the bids.

Plans and specifications for this work to be had at Room 18, Union Depot and Ferry House, upon depositing $10.00 for same, which will be returned on return of plans and specifications.

Bidders are requested to mark envelope containing bid:

"Bids for laying Wearing Surface on China Basin Terminal Wharf, Pier 34 and Bulkhead Wharf near Pier 14."

CHAS. H. SPEAR,
M. F. COCHRANE,
JOHN B. SANFORD,
Board of State Harbor Commissioners.
FRANK G. WHITE,
Chief Engineer.
J. L. PHELPS, Secretary.

NOTICE TO CONTRACTORS

(County of Monterey—Power Shovel)

Office of the Clerk of the Board of Supervisors of Monterey County, January 15, 1924.

Sealed bids will be received by the Clerk of the Board of Supervisors of the County of Monterey, at his office, **until 2 o'clock p. m., February 4, 1924,** at which time said bids will be opened by said Board of Supervisors, for furnishing to the County of Monterey one power shovel with dipper of not less than ¾ cubic yard capacity struck measure, shovel to be driven by gasoline or distillate engine of not less than 50 H. P., machine to be mounted on full caterpillar type traction, which traction is to be controlled from operator's position.

Bidders must submit proposal stating price of complete machine ready for use, freight allowed to Salinas, California.

Successful bidder will be required to furnish without additional charge the services of an experienced erector to supervise and direct the unloading of shovel and to instruct the county's operator.

T. P. JOY,
Clerk of the Board of Supervisors of the County of Monterey.

LEADS FOR BUSINESS

(Continued from Page 20)

SHEET METAL WORKS — Herbert Bros., 1943 to about 1329 Mission.
SHIPBUILDING—Skinner & Eddy Corp 351 California to 341 Montgomery.
TAILORS—Zeider & Cohn, 935 Market.
WASHING MACHINES—Eden Washer Corp., 200 Davis.
MISCELLANEOUS — Jos. Travers and Sons Ltd., 112 Market.
S. S. Webster, Jr., to 215 Market.
W. B. Baker & Co., 708 Mission to 156 5th.
C. S. Beadle, 112 to 317 Market.
Canedy-Otto Mfg. Co., 950 Folsom to new plant 955 Folsom.
C. W. Coburn & Co. (Alto Co.) 417 Market to 158 11th.
Peoples Ice Co., Fresno, to construct addition to plant.
LEASES—Jan 2, 14—J R Howell to J J Dignan—332 & 334 Clement St 2 yrs $2400.
Nov. 19, 23—Jeanette Davidson to Aaron Marcus—W 8th Ave bet Geary and Clement No. 315 8th Ave 5 years $2700.
Dec 10, 21—Commercial Centre Realty Company to Leon Samuels — NW Mission & Southern Pacific Railroad right of way Nos. 2834 & 2836 Mission St 10 yrs $43,800.
APARTMENTS—Baumann & Jose, architects for $35,000 apartment building to be erected SW 2nd Ave. and Cornwall.
Thomas Hamill (6140 Geary) erecting $15,000 apartment building SW 16th Ave. and California.
ARCHITECTS—Jesse Rosenwald, Kenneth MacDonald and N. C. Couchot, 234 Pine to 60 Sansome.
ATTORNEYS—L. H. Shapiro, Chronicle Bldg. to 593 Market.
Halsey L. Rixford, 406 to 14 Montgomery.
AUTOMOTIVE — Williams Bros. Aircraft Corp. new factory 1301 Potrero
BANKS—Growers' Security Bank plan $50,000 bank building and theatre (Frank Panero), at Delano.
CLEANING AND DYEING—Louis Dyeing & Cleaning Co., 1394 Haight to 1206 Masonic Ave.
CORDAGE—W. A. Ballinger & Co., 590 to 680 Howard.
DISTILLING WATER—Keystone Water Co., 318 Leavenworth to new building, 130 Russ.
DRAYAGE—G. A. Hannan, 220 Main to 304 Howard.
ELECTRICAL — Electrical Contractors & Dealers Assn., 165 Jessi eto Call Building.
Central Electric Co (contractors) 179 Minna to 828 Taylor.
FLATS—John McClements, (1215 Filbert), at NE Filbert and Baker, $14,000.
FURNITURE — Bror Englund, 1317 to 1335 Golden Gate Ave.
Leonard S. Leary, City Hall, to purchase tables for school dept.
HOSIERY—Kinloch Hosiery Mills, (W. A. Clarke), 760 Market to 85 Second.
HOTELS—Archts. Weeks & Day, (315 Montgomery), plan hotel building for Long Beach.
LEATHER GOODS—Thumler & Rutherford, 117 Grant Ave to 212 Stockton
LUMBER—Gerlinger Lumber Co., (A. Turner), Marvin Bldg. to 110 Market.
MFRS. AGENTS—West Coast Sales Co., 454 Turk.

Engineering News Section

BRIDGES

MONTEREY COUNTY, Cal.—Following bids rec. Jan. 14 by State Highway Commission to const. bridge 240 ft. long, 21 ft. wide bet. curbs, over San Lorenzo creek near King City, consisting of three 60-ft. and two 30-ft. rein. conc. girder spans supported on piers and bents, together with approx. 0.2-mi of approaches to be graded. Project involv. 2900 cu. yds. roadway embankment; 515 cu. yds. A and 370 cu. yds. C Port. cem. conc.; 1000 hundredweight reinf. steel; 570 cu. yds. excavation for bridge structure. (Additional item) 150 cu. yds. additional excavation for bridge structure:

Rocca & Caletti, San Rafael	$26,415
Lord & Bishop, Inc., Napa	29,735
C. J. Nystedt, Stockton	29,805
J. S. Hock, Culver City	29,871
Proctor & Cleghorn, Santa Rosa	29,871
Lisher & Carrito, Napa	31,315
J. L. Webster, Chico	31,307
De Waard & Cobham, San Diego	33,899
J. F. Shephard, Stockton	34,541
McKay Eng. Co., Hollywood	35,955
H. C. Vensano, S. F.	36,154
West Coast Constr. Co., S. F.	36,535
Frederickson & Shannon, Fresno	37,924
Engineer's Estimate	30,825

YREKA, Siskiyou Co., Cal.—Supervisors order bids called to const. bridge over Scott river at Horn's Lane in Etna Rd. Dist. and another over Indian creek, near Happy Camp, also for repairs to Griffith Lane bridge, the latter two in Scott River Rd. Dist. Albert F. Parrott, county surveyor.

BAKERSFIELD, Kern Co., Cal. — Supervisors notify State Highway Commission that county will construct 200 ft. rein. conc. bridge over Cottonwood Creek on Kern river Canyon road. F. E. Smith, county clerk.

LOS ANGELES, Cal.—John Simpson & Co., 701 Antonia St., submitted low bid to supervisors at $11,148 to const. comb. wood trestle bridge over the new channel of the Los Angeles river at Clara St. The structure will consist of eight 38-ft. spans, making a total length of 304 ft., 22 ft. wide. Other bids were: W. M. Ledbetter Co., $11,180; E. G. Perham, $11,200; McKay Engineering Co., $12,990; Mercereau Bridge & Constr. Co., $13,924.

TEHAMA COUNTY, Calif. — McKenzie and Pollard, Gerber, Calif., at $48,645.75, frame bents, (Eng. est. $62,662.50) awarded cont. by State Highway Commission to const. 6 rein. conc. girder bridges in Tehama county, across Mill Race, Salt Creek, Craig Creek, Salt Creek Overflow, Butler Slough and New Creek.

SEATTLE, Wash. — City Eng. Jas. Blackwell preparing plans for Montlake double-leaf trunion bascule bridge Bridge span proper will be 182 ft. long with 68-ft. rein. conc. approach at ends. When elevated will permit clearance of vessels of 160-ft., will have 40-ft. roadway, 2 12-ft. walks and 2 car tracks.

EUREKA, Humboldt Co., Cal.—Paggett and Kelly, Eureka, at $24,379 awarded cont. by supervisors to const. steel suspension (Weitchpec) bridge over Klamath River.

DREDGING, HARBOR WORKS AND EXCAVATIONS

LONG BEACH, Cal.—Four bids were received by City Mgr. C. H. Windham to bridge Long Beach harbor. The bids follow:

San Francisco Bridge Co.—15.4c cu. yd. for channel No. 2; 15.4c cu. yd. channel No. 3; 15.2c cu. yd. for the turning basin; and 16.8c cu. yd. for the connecting channel.

Fred C. Franks Co.—13.85c dredging; and 6.75c for additional work.

United Dredging Co.—15.44c dredging channel No. 2; 15.77c channel No. 3; 17.88c connecting channel; and 14.69c turning basin.

Los Angeles Dredging Co.—15.20c turning basin; 15.90c channel No. 2; 17.40c connecting channel; 15.90 channel No. 3.

Total work will amount to bet. $700,000 and $750,000.

SAN FRANCISCO—Until March 10, 11 A. M., bids will be rec. by U. S. Engineer Office, Customhouse, for fur. and del. stone for jetty construction at entrance to Humboldt Bay, Calif. Further information on request.

PORTLAND, Ore.—Until Feb. 14, 11 a. m., bids will be rec. by U. S. Engineer, 216 New Postoffice Bldg., Portland, for fur. and del. stone to const. north and south jetties at entrance to Coos Bay, Ore. Further information on request to above.

IRRIGATION PROJECTS

TRACY, San Joaquin Co., Cal. — State Bonding Commission has approved $705,000 bond issue of Banta-Carbona Irrigation District; proceeds of sale to finance improvements in the district, plans for which have been completed by W. D. Harrington, chief engineer.

MARYSVILLE, Yuba Co., Cal.—Engineers of Yuba River Power Co., Marysville, at the request of G. R. Atkins of Wheatland, are making surveys and preparing preliminary estimates of cost for an irrigation district on the south side of the Yuba River. The district will probably comprise 50,000 acres in the district between the Yuba and Bear rivers, from foothills to the Feather river.

SAN DIEGO, Cal.—Plans for formation of Tijuana Irrigation District were launched when petition containing names of 27 ranchers from southern parts of San Diego county was presented to supervisors. The petition asked for steps preliminary to calling election for the organization of a district.

PHOENIX, Ariz.—Mohawk Valley Irrigation Dist. applies to state water commissioner for a permit for 600 sec. ft. water from the Gila river for irrigation purposes.

Carbide Flare Lights

OxyAceteleneEquipment

Goggles—Respirators

First Aid Supplies

Carried in stock

E. D. BULLARD

565 HOWARD STREET

San Francisco, Calif.

Douglas 6320

OLYMPIA, Wash. — Northwestern Power and Mfg. Co., (incorprated in Wilmington, Del.) has filed application with Marvin Chase, State Supervisor of Hydraulics, for rights to divert 1300 cu. ft. of water a sec. from Elwha river, near Port Angeles, in Clallam county. It is proposed to cover power development to cost $1,600,000. Construction includes rein. conc. dam, 15-ft. high, 180 ft. long. A canal 3½ mi. long would convey water to power plant to develop 20,000 h.p. Construction, it is expected, will be started Jan. 1, 1925.

PHOENIX, Ariz. — Land owners in Roosevelt Agricultural Imp. Dist. vote a $665,000 bond issue for development of lands. The funds will be turned over to the Salt River Valley Water Users' Association.

CALIFORNIA—Following is partial list of applications filed during month of December with State Department of Public Works, Division of Water Rights, for permits to appropriate water: (H. A. Kluegel, chief engineer for division):

Application No 3738 (Plumas County) Great Western Power Co. of California, San Francisco, for 0.2 cu. ft. per sec. from Goon Creek, for domestic purposes and irrigation of 125 acres. Est. cost $3000.

App. 3740 (San Bernardino Co) Moreno Mutual Irrigation Co., Riverside, Cal., for 10,000 cu. ft. per sec. from Santa Ana River and Bear Creek for domestic and to irrigate 5000 acres within Moreno Mutual Irrigation Co. District.

App. 3741 (Los Angeles Co) City of Pasadena, Pasadena, Cal., for 15,000 ac. ft. per annum from San Gabriel River, for general municipal use in the cities of Pasadena and Los Angeles.

App. 3742 (Mono Co) City of Los Angeles and Board of Public Service Commissioners of Los Angeles, (1) 56 cu. ft. per sec. and 9000 ac. ft. per annum; (2) 14 cu. ft. per sec. and 5600 ac. ft. per annum from (1) Rock Creek; (2) East Fork Rock Creek, for power purposes. 12,300 theoretical h. p. to be developed. Est. cost. $1,705,350.

App. 3746 (Shasta Co) W. H. Hunt Estate Co., Millville, Cal., 13 cu. ft. per sec. from Kosk Creek for irrigation of 57.6 acres. Est. cost $2500.

App. 3747 (Plumas Co) C. H. Munro, San Francisco, Cal., 75 cu. ft. per sec. from 9 ravines and intermediate watersheds on west side of Slate Creek for hydraulic mining at Forest King, Gold Valley and Surprise claims. Est. cost $100,000.

App. 3748 (San Fernando Co) J. D. Cariker, Coachella, Cal., 2 cu. ft. per sec. from a well for irrigation of 80 acres. Est. cost $3500.

App. 3753 (Calaveras Co) City of Stockton 100 cu. ft. per sec. and 250,000 ac. ft. per annum from Calaveras River for municipal use. Est. cost $1,700,000.

App. 3754 (Amador Co) W. S. Allen and L. L. Cuneo, Sutter Creek, Cal. 1 cu. ft. per sec. from Sutter Creek for mining purposes. Est. cost $1000.

App. 3759 (Inyo Co) City of Los Angeles and Board of Public Service Commissioners of the City of Los Angeles 20 cu. ft. per sec. and 18,966 ac. ft. per annum from Baker Creek and Sanger Meadows Fork of Baker Creek for power purposes. To be used in connection with Big Pine Creek Project. 9646 theoretical h. p. to be developed. Est. cost $750,000. Propose 4.9 miles of concrete lined ditches and tunnels.

App. 3760 (San Bernardino Co) Elizabeth F. Hann, Victorville, Cal., .05 cu. ft. per sec. from an unnamed spring, for domestic purposes and irrigation of 313 acres. Est. cost $1000.

App. 3762 (Nevada Co) Excelsior Water & Power Co., Smartville, Cal., 60 cu. ft. per sec. from South Yuba River for irrigation of 7200 acres. Est. cost $126,720.

App. 3763 (Pacer and El Dorado Cos) Fred P. Tuttle, Jr., Auburn, Cal., 1200 cu. ft. per sec. and 200,000 ac. ft. per annum from North and Middle Forks American River and Rubicon River for generation of electricity at power houses, 107,000 h. p. to be developed. Est. cost $12,654,000.

App. 3764 (San Bernardino Co) Joe Blazek, Lennox, Cal., .25 cu. ft. per sec. from an unnamed spring for domestic use and irrigation of 20 acres.

App. 3766 (Ventura Co) Dennison Ranch Co., Ojai, Cal., 1 cu. ft. per sec. and 60 ac. ft. per annum from Lyon Canyon Creek, for irrigation of 161 acres, Ojai Rancho. Est. cost $10,000.

App. 3767 (Lassen Co) C. R. Candie, Stacy, Cal., 22,358 a c. ft. per annum from Willow Creek, for stockwatering and domestic purposes and irrigation of 10,000 acres. Est. cost, $350,000.

App. 3768 (Contra Costa Co) Jersey Island Reclamation District No. 830, Exchange Bldg., San Francisco, Cal., 44.8 cu. ft. per sec. from San Joaquin and False Rivers and Sloughs for irrigation of 3568 acres in Reclamation District 830.

App 3769 (Solano Co) Hastings Reclamation District No. 2060, Exchange Bldg., San Francisco, 61.5 cu. ft. per sec. from Cache, Lindsay and Barker Sloughs and Ulatis Creek and Yolo By-Pass for irrigation of 7314 acres in Hastings Reclamation District No. 2060

App. 3770 (Napa Co) Sarah J. Watson, Napa Junction, Cal., 420 ac. ft. per annum from an unnamed stream for irrigation of 270 acres. Est. cost $17,-500.

App. 3771 (Stanislaus Co) D. E. Kelliher, Eugene, Cal., 1.5 cu. ft. per sec. from Little Johns Creek for irrigation of 115 acres. Est. cost $3035.

App. 3772 (San Joaquin Co) Mary Alice Nelson, Stockton, 3.8 cu. ft. per sec. from Middle River, for irrigation of 315.5 acres. Est. cost $7600.

App. 3773 (Trinity Co) Henry C. Smith, Hayfork, Cal., 4 cu. ft. per sec. from Hayfork Creek for irrigation of 71 acres. Est. cost $2460.

App. 3774 (Modoc Co) John P. Booth, Likely, Cal., 86 cu. ft. per sec. from South Fork Pit River for generation of electricity. To develop 800 net h. p.

App. 3775 (San Bernardino Co) Edward Newton, Los Angeles, 0.5 cu. ft. per sec. from branches of North and Metcalf Creeks, for domestic use. Est. cost $1000.

App. 3776 (San Joaquin Co) Ysabel L. Young, Stockton, 1.25 cu. ft. per sec. from Calaveras River for irrigation of 125 acres. Est. cost $7500.

Permits Issued

Following is partial list of permits granted by the Division during the month of December:

Permit No. 1573 (Butte County) Issued to Watt Walnut & Raisin Co., 920 Sixth St., Sacramento, 0.42 cu. ft. per sec. from Wymans Ravine for irrigation of 50 acres. Est. cost $1500.

Per. 1574 (San Diego Co) J. E. McDonald, Mountain Springs, Jacumba P. O., Cal., 0.015 cu. ft. per sec. from small underground spring. Est. cost $3000

Per. 1575 (Trinity Co) Andrew Damgaard, Forest Glen, Cal., 1 cu. ft. per sec. from Gen Creek for power purposes. Proposes to develop 11 t.h.p. Est. cost $1500.

Per. 1577 (Mono Co) Cain Irrigation Co., Riverside, Cal., 1829 ac. ft. per annum from Mill Creek for irrigation of 215.10 acres. Est. cost $100,000.

Per. 1579 (Trinity Co) S. B. Ferguson, Salyer, Cal., 1.15 cu. ft. per sec. from West Fork of Sharber Creek for irrigation of 90 acres. Est. cost $2000.

Per. 1580 (Tehama Co) Pacific Gas & Electric Co., San Francisco, 50 cu. ft. per sec. from North Battle Creek for power purposes. Proposes to develop 2722 t.h.p. Est. cost $25,400.

Per. 1582 (Modoc Co) C. W. Marlett, Alturas, Cal., for 164 ac. ft. per annum from Thomas Creek for irrigation of 146 acres. Est. cost $10,000.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—Council declares inten. to const. ornam. lighting system, involving 12 cast iron posts, etc., in Santa Monica Blvd., bet. St. Andrews Pl. and Wilton Pl; 1911 act.

BURLINGAME, San Mateo Co., Cal.—Until Feb. 4, 5 p. m., bids will be rec. by J. R. Murphy, city clerk, to install electrolier system in portions of Park rd. and Howard Ave. Work will be financed by property owners. Cert. chk. 10% payable to city req. Plans on file in office of clerk. C. A. Torello, city engineer.

BAKERSFIELD, Kern Co., Cal.—V. Van Riper, city clerk, instructed by council to advertise for bids to install electrolier system in Chester Ave., 19th and I Sts. W. D. Clarke, city eng.

NEWPORT BEACH, Cal.—City trustees declare inten. to const. cem. conc. pavement, granite conc. ornam lighting posts, conduits, etc., in 14th St., bet. Santa Ana and San Bernardino Ave., Broad St., bet. same streets; san Bernardino Ave., bet. Ocean Dr. and a portion of Ocean Dr.; 1911 act. Alfred Smith, city clerk.

PASADENA, Cal.—The $250,000 municipal light dept. extension bond issue carried at the recent election.

SANTA MONICA, Cal. — Council declares inten. to const. ornam. lighting system, involv. 12 cast iron posts, etc., in Santa Monica Blvd., bet. prolongation of St. Andrews Pl and Wilton Pl.; 1911 act.

FRESNO, Fresno Co., Cal. — See "Streets and Sewers," this issue.

LONG BEACH, Cal.—Until 9:30 a. m. Jan. 22, bids will be rec. by council to const. lighting system in Belmont Ave bet. Livingston Dr. and Eliot St., involving poste, wires, conduits, lamus, etc. R. D. Van Alstine, city engr.

FRESNO, Fresno Co., Cal. — City council will call election to vote bonds of $9500 to finance installation of lighting system in Roeding Park. Wm. Stranahan, city eng.

VENICE, Cal.—See "Streets and Sewers," this issue.

COMPTON, Cal.—City trustees propose 250 c. p. arc lamps for each residence corner in the city.

MACHINERY & EQUIPMENT

SALINAS, Monterey Co., Cal.—Until Feb. 4, 2 p. m., bids will be rec. by T. P. Joy, county clerk, for fur. and del. one power shovel with dipper of not less than ¾-yard capacity struck measure, shovel to be driven by gasoline or distillate engine of not less than 50 h.p., machine to be mounted on full caterpillar type traction. **See call for bids under official proposal section in this issue.**

FRESNO, Fresno Co., Cal.—Until Jan. 24, bids will be rec. by H. S. Foster, city clerk, to furnish auto street sweeper for which $8000 is available Wm. Stranahan, city engineer.

LOS ANGELES, Cal.—Moreland Sales Corp. submitted only bid to Bd. Pub. Wks. at $6290.73 (delivery 90 days) for one Moreland 3 to 3½-ton capacity chassis, equipped complete according to spec., together with 750-gal. cap. South Bend Flushing unit.

SAN DIEGO, Cal.—City Mgr. F. A. Rhodes authorized to purchase new Elgin street sweeper. An appropriation of $8000 was made.

FRESNO, Fresno Co., Cal.—Until Jan. 24, 10:30 a. m., bids will be rec. by H. S. Foster, city clerk, to fur. one auto street sweeper for use of Department of Public Works. Cert. check 10% payable to city req. Wm. Stranahan, city engineer.

LOS ANGELES, Cal. — Southwest Sales & Equip. Co., 325 San Fernando Bldg., sumbitted low bid to harbor comm. at $726.85 for rail bending machine. Other bids were: Harron, Rickard & McCone, 876.50.

M. Millstein low bidder at $2000 for boiler plate punchings under spec. 573. Other bids were: Pac. Iron & Steel Co., $2100; Pennsylvania Iron & Steel Co., $2367.50; L. A. Iron & Steel Co., $3250.

H. M. Hardy low bidder at $229.70, for whse. scales under spec. 570. Other bids were: Spence Scales Co., $265; Fairbanks, Morse Co., $280.

Bethlehem Shipbuilding Corp. low bidder at $9455 for repairing barge 97 under spec. 572. Other bids were: Craig Shipbuilding Co., $10,325; L. A. Shipbuilding Corp., $10,953.

Edw. R. Bacon Co., 1910 Santa Fe Ave., low bidder at $974 for conc. mixer under spec. 569. Other bids were: Essick & Co., $1025; W. A. Bremer, $1050; Construction Mchy Co., $1120; C. E. LaBoyteaux Co., $1150; Brown-Bevis Co., $1175; Smith-Booth-Usher Co., $1205.20; Harron Rickard & McCone, $1250; Concrete Mchy. and Supply Co., $1290.

SAN FRANCISCO—See "Railroads," this issue. To sell locomotives and mucking machine.

BAKERSFIELD, Kern Co., Cal. — James Ogden, city manager, authorized by council to purchase tractor for use of street department, W. D. Clarke, city engineer.

RAILROADS

SAN BERNARDINO, Cal.—A. T. & S. F. Ry. approves expenditure of $70,-000,000 during 1924 for improvements and equipment. A $2,500,000 expenditure has been approved for shops, etc., at San Bernardino. Proposed work on the Los Angeles harbor lines of the road will amount to $2,000,000.

TUCSON, Ariz.—So. Pac. Co. appropriates $5,000,000 for work on Tucson, Ariz., division within next six months. Th emoney will be expended on new rails, track ballast, etc. William Wilson superintendent.

SAN FRANCISCO—Pacific Fruit Express Co., 65 Market St., awards contracts for 3057 refrigerator cars for delivery in 1924; est. cost $10,000,000. Pacific Car and Foundry Co., Portland, Ore., will deliver 957 cars; General American Car Co., 500, The Pullman Co. 800 and Standard Steel Car Co., 800.

OREGON STATE—Oregon-Washington Railroad and Navigation Co. authorized by Interstate Commerce Commission to const. 52 miles of railroad from Crane to Burns, Ore., in Oregon timber section.

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SAN FRANCISCO—Leonard S. Leavy, City Purchaser of Supplies, 270 City Hall, has been authorized by Board of Supervisors to sell at public auction two 20-ton 3-ft. gauge Baldwin locomotives and one Hoar mucking machine, Model 2, Serial No. 152. Further information obtainable on request to above.

FIRE ALARM SYSTEMS

LOS ANGELES, Cal.—Gamewell Fire Alarm Teleg. Co., submitted low bid to Bd. Pub. Wks. at $623.40 or $51.95 each, for 12 fire alarm gongs under spec 822, delivery 75 days. Foote, Pierson & Co., Inc., bid $118 each; delivery, 8 to 10 weeks; discount 2% cash payment in 30 days.

Foote,Pierson & Co., Inc. low bidders at $1464 or $122 each, for 12 fire alarm registers under spec. 823; delivery, 6 to 8 weeks; 2% discount for cash within 30 days. Gamewell Fire Alarm Tele. Co. bid $136.50; delivery, 75 days.

LOS ANGELES, Cal.—See "Miscellaneous Supplies," this issue.

SONORA, Tuolumne Co., Cal.—Fire department is raising funds, approx. $850, to install fire alarm system. C. H. Livingston is chairman of finance committee.

FRESNO, Fresno Co., Cal—City Commissioners will call election to vote bonds of $125,000 to finance extensions to police telegraph system and fire alarm extensions. Wm. Stranahan, city engineer.

MISCELLANEOUS SUPPLIES

LOS ANGELES, Cal. — Bids rec. by City Purchasing Agent for corru. steel under spec. 828 were:

Fairbanks, Morse & Co., (a) 450 pcs. 8-ft. lengths galv. corru. sheet steel, no bid; (b) 220 pcs. 7-ft. lengths, $6.25 per square; (c) 16 pcs. 3-inx10-ft. gutter, no bid; (d) 25 pcs. 10-ft. ridge roll, no bid.

Cal. Cornice Wks.—(a) $6.25; (b) $6.25; (c) 6c; (d) $15.

Geo. L. Eastman Co.—(a) $6.30; (b) $6.30; (c) $8; (d) $12.

Associated Supply Co. — (a) $6.25; (b) $6.25; (c) and (d) no bids.

Cal. Hdwe. Co.—(a) $6.15; (b) $6.15; (c) $5; (d) $9.50.

LOS ANGELES, Cal.—Until 3 p. m., Jan. 22, bids will be rec. by public service comm., 207 S Bdwy., for one motor driven conc. mixer. Spec. 702-B.

Bids same date for 30 tone pig lead soft enough for calking in cast iron pipe. Spec. P. A. Adv. No. W-195.

Bids Jan. 22 to fur. 200 doz. L. H. R. P. black riveted shovels, crucible steel blade approx. 9¾-in. by 11¾-in., with ash handles. Spec. P. A. Adv. No. W-196

Bids Jan. 25 for diesel engine generating set unit. Spes. 702. Jas. P. Vroman, secretary.

RESERVOIRS AND DAMS

FLAGSTAFF, Ariz. — See "Waterworks," this issue.

OLYMPIA, Wn.—See "Power Plants" this issue.

CALIFORNIA—See "Irrigation Projects," this issue. Applications filed with and permits issued by State Department of Public Works, Division of Water Rights, for water appropriations.

PIPE LINES, WELLS, ETC.

SAN MATEO, San Mateo Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, appropriates $2375 to install gas mains in Visitacion Valley district.

OAKDALE, Stanislaus Co., Cal.—Directors of Oakdale Irrigation District authorize installation of 500 ft. 30-in. and 1300 ft. 24-in. pipe along new highway bet. Valley Home and San Joaquin county line; est. cost $2382.

NAPA, Napa Co., Cal.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, appropriated $125,000 for additions and betterments to Napa gas distributing system. High pressure main 66,000 ft. long, 6½-in., will be installed ,between Napa and Vallejo. C. D. Clark, Napa, manager for company.

RIVERSIDE, Cal. — Gage Canal Co. has authorized const. of 62-in. steel water pipe across Tequesquite Canyon, according to John Mylne, engr. of the company. The pipe will be about 1300 ft. in length.

OLYMPIA, Wn.—See "Waterworks,"

CALIFORNIA—See "Irrigation Projects," this issue. Applications filed with and permits issued by State Department of Public Works, Division of Water Rights, for water appropriations.

WHITTIER, Cal.—City trustees plan removal of redwood stave water pipe and installation of 48-in. riveted steel pipe in Palm Ave. Paul E. Todd, city engr. The cost of the work will be borne by the Cal. Domestic Water Co.

LOS ANGELES, Cal. — Griffith Co., 502 L. A. Ry. Bldg., submitted low bid to Bd. Pub. Wks. to imp. Beverly Blvd. bet. Juanita Ave. and Vermont Ave., involving grading at $2400; 57,108 sq. ft. asph. paving 24c ft; 20,769 sq. ft. conc. paving 27c ft.; 960 sq. ft. oil and roll 10c ft; 2813 ft. curb 70c ft.; 2334 sq. ft. gutter 30c ft.; storm drain, $1400; san. sewer, $2300; 1554 ft. hse. sewers $1.50 ft.; 11,376 sq. ft. walk 21c ft.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Jan. 31, 9 a. m., bids will be rec. by S. A. Evans, city clerk, to fur. following pipe:

7800 ft. 22-in. by 3/16-in. soil proof steel pipe;

1400 ft. 22-in by ¼-in. soil proof steel pipe.

4800 ft. 14-in. by 12-gauge soil proof steel pipe.

1300 ft. 10-in. by 12-gauge soil proof steel pipe.

1400 ft. 10-in. by 10-gauge soil proof steel pipe.

13,350 ft. 10-in. by 8-gauge soil proof steel pipe.

All to be lap riveted, lap welded or butt welded, soil proof steel or equal. End joints to be lap riveted, lap welded or butt welded, or equal. Alternate bids are requested as to fabrication, to furnish f. o. b. Santa Cruz and to furnish, deliver and install complete, including material furnished by city. Cert. check 10% payable to city req with each bid.

See call for bids under official proposal section in this issue.

SEWAGE DISPOSAL PLANTS

SANTA ROSA, Sonoma Co., Cal.—Feb. 5 is date set by council, to vote bonds of $165,000 to finance construction of activated sludge sewer disposal system. Clyde F. Smith, consulting sanitary engineer, 516 Santa Barbara Rd., Berkeley.

BLYTHE, Cal.—City council plans bond election to take care of the cost of a proposed city sewer system.

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HERMOSA, Cal.—City Engr. Charles F. Saunders preparing plans for a septic tank for treating city sewage. Plans will soon be ready for the State Board of Health.

MISCELLANEOUS CONSTRUCTION

LOS ANGELES, Cal.—City Eng. John A. Griffin recommends to council that Pac. Elec. grade crossing at Wilshire Blvd. and Carthay Centre be eliminated by const. tunnel under Wilshire Blvd. Referred to the public utilities.

OLYMPIA, Wash. — Robt. P. Greer, manager-director of the Pacific Ammonia and Chemical Co., 2224 Northlake St., Seattle, seeks power contract with Municipal Light Plant which will permit the first installation of nitrogen plant to cost $200,000. It is proposed to construct the plant in ten such units. The plant will be operated under the name of the Pacific Nitrogen Company.

LOS ANGELES, Cal.—Ralph E. Homann Co., 3720 South Park Ave., submitted low bid to county supervisors Jan. 14 at $74,253 for constructing a tunnel betw. the Hall of Records and the new Hall of Justice. Other bids were: deWaard & Cobham, $78,500; R. H. Travers, $104,937; C. J. Kubach Co., $138,120.

NAPA, Napa Co., Cal.—Until Jan. 22, 10 a .m., bids will be rec. by Jas. A Daly, county clerk, for the purchase of the county rock bunkers west of Oakville. Cert. check 10% payable to Chairman of Bd. of Sups. req. with each offer. Further information obtainable from clerk.

CALIFORNIA—See "Irrigation Projects," this issue. Applications filed with and permits issued by State Department of Public Works, Division of Water Rights, for water appropriations.

FRESNO, Fresno Co, Cal—City council will call election to vote bonds of $50,000 to finance construction of subway tn Monterey street. Wm. Stranahas, city engineer.

WATER WORKS

BURBANK, Cal.—Peerless Pump Co. submitted low bid to city trustees at $2750 to fur. pump to city water dept. No bids were received on well drilling. The other pump bids were: Layne & Bowler Corp., $2824.65; Byron Jackson Pump Mfg. Co., $2954.46; Fairbanks-Morse & Co., $3000; Smith-Booth-Usher Co., $3150.

BERKELEY, Alameda Co., Cal.—The water contract entered into by the city with the East Bay Water Co., to install mains costing $400,000 will be referred to the voters for their verdict.

FLAGSTAFF, Ariz. — Burns & McDonnell, 415 Marsh-Strong Bldg., Los Angeles, consulting engrs., have representative in Flagstaff conferring with engrs. of the Santa Fe Ry. and the city regarding const. of storage dam in Schultz Canyon. Both the city and the railroad need water badly. The latter hauls approx. 100,000 gal. fresh spring water from Flagstaff to Grand Canyon, 99 mi. away, each day. The railroad also has under consideration the construction of other reservoirs along its Arizona lines.

OLYMPIA, Wash.—City of Vancouver files application with State Supervisor of Hydraulics for permit to use 15 sec. ft. of water from South Fork of Lewis River on Copper Creek, a tributary of Columbia river, for municipal water supply; 30-mi. pipe line is contemplated est. cost $450,000.

SANTA MONICA, Cal.—Until Jan. 27 bids will be rec. by city commissioners for water pipe costing approx. $700,000 for the city's new distributing system. H. E. Elrod, consulting engr. in charge. Howard Carter, city engineer.

ORANGE, Cal. — An election will be held shortly to vote on $40,000 for water storage and pumping facilities and extensions to the water systems. W. A. White, city clerk.

PALO ALTO, Santa Clara Co., Cal.—City Eng. J. F. Bxybee, Jr., announces approx. 20,000-ft. of water mains will be installed in various sections of city prior to commencing 1924 paving program.

CORCORAN, Kings Co., Cal.—City trustees authorize purchase of new pump for municipal water system. G. G. Amiraux is city clerk.

FRESNO, Fresno Co., Cal. — Until Jan. 24, 10:30 a. m., bids will be rec. by H. S. Foster, city clerk, to fur. trees, shrubs etc., for Roeding Park. Cert. check 10% payable to city req. Lists of materials desired obtainable from city clerk.

AZUSA, Cal.—Azusa Water Co. contemplates $100,000 bond issue for distributing system in the territory on San Bernardino Rd., bet. Covina and Baldwin Park.

VENICE, Cal.—See "Streets & Sewers," this issue.

PLAYGROUNDS AND PARKS

FAIRFIELD, Solano Co., Cal.—County Supervisors approved plans of McRorie-McLaren Co., San Francisco landscape engineers, for improvement of courthouse grounds.

FRESNO, Fresno, Co., Col. — City Playground Commission will seek to have $150,000 item placed city bond proposal to finance playground needs, including laying out of three new grounds, erection of community house in each and construction of 3 swimming pools.

MERCED, Merced Co., Cal. — City trustees approve plans of H. G. Cotton, landscape engineer, Call Bldg., San Francisco, to improve Bear Creek Park which provide for plant of trees, shrubs flowers and lawns, laying out driveways and tennis courts, etc. Bonds of $25,000 were recently voted for the work. Bids will be asked shortly for furnishing the materials.

RICHMOND, Contra Costa Co., Cal.—MacRorie and McLaren Co., San Francisco, at $2800 awarded contract by council to prepare soil and plant trees in Nicholl Park.

SAN FRANCISCO—Park Commissioners, Park Lodge, Golden Gate Park, order plans prepared for 40 tennis courts in park stadium; est. cost $75,000.

FRESNO, Fresno Co., Cal.—City commissioners will call election to vote bonds of $1,500,000 to finance purchase of lands and lay out civic center. Other issues include $135,000 for 9 new city parks and $50,000 for two auto parks. Wm. Stranahan, city eng.

PALO ALTO, Santa Clara Co., Cal.—City Council has appropriated $400 to employ landscape engineer to lay out Power Plant Park and improve grounds of Walter Hays school.

SEWERS & STREET WORK

EUREKA, Humboldt Co., Cal.—Supervisors take under advisement, bid of Mercer-Fraser Co., Eureka, at $8000 to grade and widen road along peninsula from Samoa to Arcata. A. J. Logan, county surveyor.

EL MONTE, Cal.—City and county authorities plan 30-ft. conc. paving on Main St. (to be paid by county) and 6-ft. asph. strip on either side (to be paid by city and property owners).

PETALUMA, Sonoma Co., Cal.—City council plans to construct cement sidewalks in various sections of city; est. cost $10,000. Lyman Green. city clerk.

FIREBAUGH, Fresno Co., Cal.—City trustees have had preliminary plans prepared for sewer system; est. cost $17,000. Bonds will probably be voted to finance construction.

LOS ANGELES, Cal.—Until 10 a. m., Feb. 11, bids will be rec. by Bd. Pub. Wks. to imp. under 1911 Act:

Raymond Ave., bet. 59th Pl. and 64th St., involv. 286,357 sq. ft. oil and roll; 2429 ft. curb; 12,294 sq. ft. walk; 7632 sq. ft. gutter.

Wall St., bet. Santa Barbara Ave and 42nd St., involv. 36,206 sq. ft. asph. paving; 800 sq. ft. bitum. base paving; 3675 ft. curb; 113 sq. ft. walk; 3771 sq. ft. gutter; 16 ft. house sewers.

Ave. 52, bet. Coringa Dr. and 1160 ft. north involv. 29,898 sq. ft. oil and roll; 2300 ft. light curb; 11,500 sq. ft. walk; 4600 sq. ft. gutter; san. sewer.

Larchmont Blvd., bet. Melrose Ave. and Beverly Blvd., involv. 76,664 sq. ft. warrenite-bitul. paving.

Peralta Ave., bet. Fletcher Dr. and Tyburn St., involv. 74,163 sq. ft. oil and roll; 5348 ft. curb; 27,102 sq. ft. walk; 10,364 sq. ft. gutter.

SANTA MONICA, Cal.—Until 10 a. m. Jan. 23, bids will be rec. by council to imp. Washington Blvd., bet. Strand St. and s.e. city limits; grade and pave const. curbs and walks; bring manholes to grade and const. 6-in. vit. hse. sewers; 1911 act. Howard B. Carter, city engineer.

SANTA ROSA, Sonoma Co., Cal. — City Eng. Geo. Comstock preparing spec. to imp. Second St., bet. Railroad Ave. and E St., involv. paving with 2½-in. asph. conc. base with 1½-in. Warrenite surface

FRESNO, Fresno Co., Cal.—City Eng. Wm. Stranahan estimates cost of widening Belmont Ave., approx. 3527.43 running ft., at $6.50 per ft. The damages will amount to $24,109.72.

PETALUMA, Sonoma Co., Cal.—City Clerk Lyman Creek instructed by council to advertise for bids for making survey to install complete sewer system for Petaluma.

VENICE, Cal.—Robert Urban Co. has purchased the Machado holdings on Leona Ave., adjoining the lands near the south beach, which are to be reclaimed. The property will be improved by conc. paving, electroliers, underground wiring, water, gas and sewer piping. The land was purchased for about $250,000.

OROVILLE, Butte Co., Cal. — Until Feb. 5, 1:30 p. m., bids will be rec. by C. F. Belding, county clerk, to const. Sec. B, Doe Mill Cross road. Cert. check 10% or cash req. with each bid. Plans obtainable from County Rd. Eng. Harry H. Hume.

MODESTO, Stanislaus Co., Cal.—Co. Surveyor J. H. Hoskins preparing spec. for new Hills Ferry highway, extending from Newman to Hills Ferry bridge.

LOS ANGELES, Cal. — A saving of approx. $5,000,000 on the proposed $12,000,000 city outfall sewer, for which the latter sum was voted last year, will be utilized to construct two branch sewers for the Hollywood district. The est. cost of the outfall is $6,862,937.

FRESNO, Fresno Co., Cal—City council will call election to vote bonds of $225,000 to finance construction of storm sewer system. Wm. Stranahan, city engineer.

EUREKA, Humboldt Co., Cal.—Chas. Lambert at $2.14 rd. awarded cont. by supervisors to fence 400 rods of state highway at Willow Creek.| W. J. Graham at $2.24 rd. awarded cont. to fence 540 rds. of state highway at Stone Lagoon.

LOS ANGELES, Cal.—The Central Sanitary Sewer District has been organized by county supervisors. It will include Compton, Watts, Huntington Park, Lynwood. County Surveyor Rockwell was appointed engr. in charge of plans and spec. for all work. He was instructed to prepare these, with an estimate at once. County Supervisor McClelland was named chairman of the board of directors.

SANTA ROSA, Sonoma Co., Cal. — F. H. Richardson, Stewarts Point, Cal. at approx. $160,275 submits low bid to supervisors to const. Jenner-Mendocino county highway, involv. 240,000 cu. yds. excavation; 50 cu. yds. D conc.; 500 sq. ft. r.w. log cribbing, including ¾-in. drift pins; 5000 lin. ft. 12-in. 3500 lin. ft. 15-in., 1200 lin. ft. 18-in. and 900 lin. ft. 24-in. corru. iron pipe; 50 cu. yds. crushed rock. Other approximate bids were: A. L. Markus, $166,550; J. M. DeLucca, $180,140; Irey and Holden, $170,125. Taken under advisement.

HANFORD, Kings Co., Cal. — Until Jan. 25, 5 p. m., bids will be rec. by F. M. Cutler, county purchasing agent, for fur. and del. road and fuel oil for county use for period of one year, minimum 15 carloads, maximum 30 carloads.

SANTA BARBARA, Cal.—Archt. Geo. Washington Smith. Santa Barbara, commissioned by H. H. Cotton and Ole Hanson to prepare plans for development of water front on the Ambassador grounds. Mr. Smith plans to design a Spanish style waterfront with 1-sto. bldgs. and ornamental work for the full 960 ft. frontage. A 600,000 hotel bldg. is said to be under consideration by the owners.

OAKLAND, Cal.—Bates and Borland, Bank of Savings Bldg., Oakland, awarded cont. by council to imp. portions of 12th, Kirkham Sts., etc., involv. grade, $.05 sq. ft.; conc. curb with steel guard, $1 lin. ft; conc curb without guard, $.75 lin. ft; conc. gutter, $.30 sq. ft.; 2-in. Warrenite-Bit. surface on 6-in. Port. cem. conc. base pavement, $.30 sq. ft.; 10-in. pipe conduit, $1.50 lin. ft.; manholes, $60 each; catchbasins $75 each.

SAN DIEGO, Cal.—Until Jan. 28, bids will be rec. by council to imp. Fir St. bet. Sixth and California Sts., involv. 93,818.8 sq. ft. paving with 1½-in. asphalt concrete on 2½-in. bituminous base; 20,310 sq. ft. pave with 4-in. cem. conc.; 6145.1 sq. ft. cement concrete sidewalk; 1610.3 lin. ft. cement concrete curb; 100 ft. of 6-in. cement conc sewer main; 2 4-in. cem. conc. sewer laterals. F. A. Rhodes is city eng. A. H. Wright, city clerk.

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SAN FRANCISCO—County Surveyor Geo. Kneese instructed to make survey of Black Mountain Route for highway between El Camino Real and the Skyline Blvd. The initial cost of construction of the road was provided for in the last county tax rate, a sum of approx $20,000 being provided.

SAN DIEGO, Cal. — Geo. R. Daley, 4430 Boundary St., San Diego, submitted low bid to council to imp. Dickinson and Front Sts., involv. 113,075 sq. ft. 2½-in. bitum. base paving with 1½ in. asph. conc. surface 17.7c ft; 2248.92 sq. ft. conc. walk 23c ft; 2951.91 ft. curb 67c ft; 617 cu. yds. excav. $1.90 yd.; 541 cu. yds. earth embank. 10c yd; 6-in. cem. conc. sewer main, 300 ft. long, $645; 22 6-in. conc. sewer laterals $38.50 each; 4 4-in. conc. laterals, $32.50 each.

PORT ANGELES, Wash. — Clallam County Commission adopt ordinance authorizing election to vote bonds of $250,000 to finance road improvements. Election Feb. 23.

WASHOE COUNTY, Nevada. — In a report received from Geo. W. Borden, Nevada State Highway Engineer, the Washoe County commissioners are advised that the following highway units will be undertaken in that county during the current year: Grading from Sparks to Hafed, approximate cost, $155,250; grading Lawton Southern Pacific track shift, $101,250; grading two miles east of Verdi to the California state line, $225,000; concrete and gravel from Derby to Wadsworth, $281,250; graveling from Wadsworth to the Washoe county line, $72,000, all of which work is scheduled for 1924, the total expenditure being $834,750.

LONG BEACH, Cal.—United Concrete Pipe Co., box 6, Ventura, low bidder at $165,000 to const. storm drain in Golden Ave., etc., with reinf. conc. pipe in sizes from 14 to 42 inches. Other bids were: R. N. Nikcevich ,$178,000; Griffith Co., $189,800; H. D. Churchill Co., $202,500; S. Zarnbica and B. P. Radich $218,490; George W. Kemper, $266,000.

PACIFIC GROVE, Monterey Co., Cal. —Until Feb. 4, 7:30 p. m., bids will be rec. by E. S. Johnston, city clerk, to imp. portions of Central and Fountain Aves., involv. grade; pave with 3½-in. asph. conc. base and 1½-in. Warrenite-Bit. surface; conc. curbs and gutters; 8 corru. iron culverts; 15 catchbasins; two 15-in. conc. pipe culverts; 4 sidewalk crossings. 1911 Act & Bond Act 1915. Cert. check 10% payable to City req. H. D. Severance, city eng.

LOS ANGELES, Cal.—Pac. Products, Inc., 600 American Bank Bldg., awarded contr. by Bd. Pub. Wks. at $184 per M for 55,000 vit. clay sewer lining blocks for Sec. No. 9, North Outfall Sewer.

REDDING, SHASTA Co., Cal.—City trustees plan early paving of Pine and East streets in addition to a number of street intersections. Streets in the western section of the city will also be paved.

REDDING, Shasta Co., Cal.—City Eng. Rolison preparing prel. estimates of cost to pave all streets in city. It is proposed to complete the work this year.

LODI, San Joaquin Co., Cal.—Clark & Henery Co., Chancery Bldg., San Francisco, at approx. $50,000 awarded cont. by city trustees to imp. portions of Garfield and Harold Sts. and Central Ave., involv. grade; pave with 2½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs and gutters.

COLUSA, Cousa Co., Cal.—E. Entrimont Colusa, at approx. $1350 awarded cont. by supervisors to grade 1.44-mi. of Grimes-Colusa road, involv. 3800 cu. yds. earthwork.

BURLINGAME, San Mateo Co., Cal.—Until Feb. 4, 5 p. m., bids will be rec. by J. R. Murphy, city clerk, to imp. Broadway bet. El Camino Real and San Mateo Dr., involv. grade; pave with 4½-in. asph. conc. base with 1½-in. asph. conc. wearing surface; conc. curbs and gutters; 4-in. ironstone lateral sewers. 1915 Bond Act. Cert. check 10% payable to city req. Plans obtainable from C. A. Torello, city eng.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. portions of Julian St., involv. grade and pave with 2-in. Warrenite-Bit. surface on 3½-in. bitulithic cem. conc. base; cem. conc. curbs, gutters and walks; 1 br. catchbasin; 8-in. vit. pipe drains; 3 hyd. cem. conc. inlets; 1 br. manhole. 1911 Act & Bond Act 1915. Protests Jan. 28. Wm. Popp, city engineer.

OAKLAND, Cal.—Until Jan. 24, 12 M. bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of Quince, Peartmain, 105th Ave., etc., grade and pave const. curbs, gutters and walks; one culvert. 1911 Act. Cert. check 10& payable to city req. W. W. Harmon, city engineer.

REDWOOD CITY, San Mateo Co., Cal. —Until Feb. 4, bids will be rec. by city trustees to const. outfall sewer in Bradford St., est. cost $9000. C. L. Dimmitt, city eng.

STOCKTON, San Joaquin Co., Cal. — Until Feb. 5, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to imp. Harney Lane, involv. 12,000 cu. yds. grading; 5450 tons gravel; 25.78 cu. yds. conc. in culverts. Cert. check 10% payable to Chairman of Board of Sups. req. Plans obtainable from F. E. Quail, county surveyor.

STOCKTON, San Joaquin Co., Cal.—Until Feb. 5, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to imp. Eight Mile rd., involv. 9520 cu. yds. grading; 9930 tons gravel; 49.94 cu. yds. conc. in culverts. Cert. check 10% payable to Chairman of Board of sups. Plans obtainable from F. E. Quail, county surveyor.

SAN RAFAEL, Marin Co., Cal.—Until Jan. 24, 8 p. m., bids will be rec. by Oliver S. Hartzell, secy. Board of Education, for excavating new high school site. Cert. check 10% req. with each bid. Spec. obtainable from secretary.

MILL VALLEY, Marin Co., Cal.—Petitions have been presented to county supervisors seeking the formation of a sanitary district to install main sewer system for that city and eastern section of the valley. J. C. Oglesby, Cheeda Block, San Rafael, is town eng.

ORANGE COUNTY, Calif.—Following bids rec. by State Highway Commission Jan. 14 for 8.2 mi. of highway in Orange county bet. Huntington Beach and Corona Del Mar, 8.2 mi. to be graded and 3.5 mi. to be paved with Port. cem. conc. involv. 111,110 cu. yds. roadway embankment without classification; 187,000 sta. yds. overhaul (two stations or less); 746,900 sta. yds. overhaul (greater than two (2) stations); 135 cu. yds. structure excavation without classification; 18,585 lin. ft. preparing and shaping subgrade (pavement; 7920 cu. yds. class A Port. cem. conc. (pavement); 90 cu. yds. class A Port. cem. conc. (structures); 55 hundredweights bar rein. steel in place (structures); 723 lin. ft. 18-in. rein. conc. pipe; 723 lin. ft. 24-in. rein. conc. pipe, 136 each hauling and setting monuments.

W. S. Beal, Brawley	$188,025
H. H. Peterson, San Diego.....	190,924
W. D. McCrea, Los Angeles....	215,236
Kaiser Paving Co., Oakland...	227,700
Blumenkranz & Vernon	231,819
E. Johnson & Sons, Whittier...	257,536
Engineer's Estimate	195,339

FRESNO, Fresno Co., Cal. — Until Jan. 24, 10:30 a. m., new bids will be rec. by H. S. Foster, city clerk, to imp. Moroa Ave. bet. Weldon and Terrace and Vassar Ave., bet. Moroa and College Ave., involving grading; construct conc. curbs and gutters; cem. conc. walks; corru. metal culverts with manholes; pave with 3½-in. asph. conc base with 1½-in. asph. conc. surface with liquid coat of asph. and rock screening surface; est. cost $35,000. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, city eng. (Bids formerly received for this work rejected.)

LOS ANGELES, Cal.—Geo. J. Bock, 1250 S. Gramercy Pl., awarded cont. by Bd. Pub. Wks. at $24,764 to imp. Lucretia Ave., bet. Avalon St. and Echo Park, involv. grading, $13,650 (lump sum); 639 sq. ft. conc. paving 35c ft.; 31,815 sq. ft. oil and roll 7c ft.; 3062 ft. light curb 65c ft.; 13,706 sq. ft. walk 23c ft; 6060 sq. ft. gutter 35c ft.

STOCKTON, San Joaquin Co., Cal.—Until Feb. 5, 11 a. m. bids will be rec. by Eugene D. Graham, county clerk, to imp. Bainbridge rd., involv. 4500 cu. yds. grading; 10,350 tons gravel or 8780 tons rock; 27.08 cu. yds. conc. in culvert. Cert. check 10% payable to Chairman of Board of Sups. req. Plans obtainable from F. E. Quail, county surveyor.

STOCKTON, San Joaquin Co., Cal.—City Eng. W. B. Hogan preparing spec. to pave Charter Way bet. Main and Scott Aves., and streets in new addition to be placed on market by Moreing Bros., paving contractors 517 E-Market St., Stockton.

GILROY, Santa Clara Co., Cal.—Chas. E. Sloan & Co., consulting engineers, Santa Fe Bldg, San Francisco, commissioned by city trustees to prepare specifications to pave various streets with Warrenite; est. cost $500,000. Work under 1915 Bond Act.

SUTTER CITY, Cal.—State Railroad Commission authorized State Highway Commission to const. under-grade crossing under tracks of Sacramento-Northern r.r. near Tarke Station, Sutter county, 75% of cost to be borne by highway comm., 25% by railroad. State Highway Commission will also bear the cost of paving.

SAN RAFAEL, Marin Co., Cal.—Until Jan. 24, 8 p. m., bids will be rec. by Oliver R. Hatzell, secy. Board of Education, to grade West End Primary school grounds. Cert. check 10% req. with each bid. Spec. obtainable from secretary.

FRESNO, Fresno Co., Cal. — City council rejects bids to imp. Moroa Ave. bet. Weldon and Terrace and Vassar Ave. bet. Moroa and College Ave., involving grading; const. conc. curbs and gutters; cem. conc. walks; corru. metal culverts with manholes; pave with 3½-in. asph. conc. base with 1½-in. asph. conc. surface with liquid coat of asph. and rock screening surface; est. cost $35,000. Wm. Stranahan, city engineer.

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STOCKTON, San Joaquin Co., Cal.—E. C. McIntyre, Farmers and Merchants Bank Bldg., Stockton, at $22,755 submits low bid to council to imp. portions of Worth, E-Worth, Milton and E Anderson Sts., involv. grade; const. comb. conc. curbs and gutters; pave with 4-in. crushed rock base with 2-in. asph. conc. surface; conc. sidewalks. Other bids: J. E. Johnston Stockton, $25,890; Clark and Henery Const. Co., $25,125.

McIntyre, low bidder at $14,350 to imp. portions of E-Weber Ave. and B St.; grade, const. comb. conc. curbs and gutters; conc. walks; pave with 2½-in. crushed rock base, 2½-in. asph conc. base with 2-in. asph. conc. wearing surface; portion of C St., grade, const. comb. conc. curbs and gutters; conc. walks; pave with 2-in. asph. conc. wearing surface. Other bids: J. E. Johnston $15,757; Clark and Henery Const. Co., $16,945. Taken under advisement. W. B. Hogan, city eng.

ORANGE, Cal—C. E. Green 418 Western Mut. Life Bldg., Los Angeles, low bidder to const. 3.6 mi. outfall for the city of Orange, to connect with the Joint main outfall at Garden Grove His approx. figures were: Sec. 1, conc., $41,982.55; vit. $52,476.79; Sec. 2, conc. $19,944.75; vit., $23,172.15. The other bids were:

Section No. 1—C. R. Adams, Merced, conc. $67,576.85, vit. $72,097.10; Stroud Bros., Bakersfield, conc. $62,475.40, vit. $69,359.80; C. C. Murdy, Westminster, conc. $51,139.45, vit. $59,689.45; L. D. Folsom, Santa Ana, conc. $52,965.17, vit. $60,495.62; Frye Contracting Co., Long Beach, conc. $68,374.35, vit. $73,149.15; Heafy-Moore & McNair, Oakland, conc. $42,611.60, vit. $56,088.50; Cox & Teget, Alhambra, $48,384.45, vit. $54,913.35; Pernel Barnett, Orange, conc. $44,187.65 vit., no bid; Culjack & Bebek, Los Angeles, conc. $46,832.40, vit. $49,216.50; Lyons Construction Co., Long Beach, conc. $56,096.09, vit. no bid.

Section No. 2—Section No. 2—C. R. Adams, Merced, conc. $30,275.70, vit. $32,403.30; Stroud Bros., Bakersfield, conc. $29,194.10, vit. $31,235.10; L. D. Folsom, Santa Ana, conc. $22,038.54, vit. $24,896.02; Frye Contracting Co., Long Beach, conc. $33,227.90, vit. $34,-096.15; Heafey-Moore & McNair, Oakland, conc. $24,653.90, vit. $27,630.90; Cox & Teget, Alhambra, conc. $23,842.60 vit. $26,114.75; Pernel Barnett, Orange, conc. $21,779.85, vit., no bid; Lyons Construction Co., Long Beach, conc. $32,283.04, vit. no bid.

SAN FRANCISCO—Until Jan. 24, 2 P. M. bids will be rec. by State Board of Harbor Commissioners, Ferry Bldg., to pave China Basin Terminal Wharf, Pier 34 and Bulkhead Wharf near Pier 14, involv.

70,830 sq. ft. 1½-in. Topeka wearing surface on conc. base; 11,700 sq. ft. 2-in. Topeka wearing surface in timber deck; 1,980 sq. ft. seal coat wearing surface all at China Basin.

76,120 sq. ft. 2-in. Topeka wearing surface on tiber deck; 8,060 sq. ft. seal coat wearing surface on timber deck, at Pier 34.

6,810 sq. ft. 2-in. Topeka wearing surface on Timber deck on Bulkhead Wharf near Pier 14.

4,200 sq. ft. conc. fill at China Basin.

Alt. Bids may be submitted for Willite process Topeka wearing surface.

State will furnish cement. Deposit of $10 req. for plans obtainable from Frank G. White, ch. eng. for comm., Rm. 18, Ferry Bldg., deposit returnable on return of plans. **See call for bids under official proposal section in this issue.**

FRESNO, Fresno Co., Cal.—Chris. P. Jensen, county surveyor, Cory Bldg., appointed by supervisors as engineer for Road Improvement Dist. No. 5 yet to be organized. It is planned to pave with 5-in. asph. conc., construct gutters and walks and install electroliers in Isabella ave., (formerly South Van Ness ave) bet. Railroad and California aves.

YREKA, Siskiyou Co., Cal.—Supervisors order bids received to gravel Macdoel to Dorris rd. Albert F. Parritt, county surveyor.

PALO ALTO, Santa Clara Co., Cal.—City Eng. J. F. Boxbee Jr., preparing spec. to pave portions of Melville, Lowell, Kellog, Alma sts., etc., during year 1924, involv. 692,411 sq. ft. 6 and 7-in. conc pavement. Es. cost $150,000. Approx. 27,000-ft. of water mains will be installed before paving operations. Frank Kasson is city clerk.

OAKLAND, Cal.—Council, E. K. Sturgis, clerk, declares inten. to imp. Deering St., from Bartlett to pt. 193 ft. s.e. involv. const. of sewer with lampholes and wye branches. 1911 Act. Protests Jan. 31. W. W. Harmon, city eng.

SAN DIEGO, Cal. — City Mgr. F. A. Rhodes estimates proposed imp of Landis St. bet. Alabama St. and Pershing Ave. to involv. 5190 cu. yds. excav., 2212 cu. yds. embank., 16,055 sq. ft. walks, 3295 ft. curb.

NEVADA STATE—Dodge Bros. and Dudley, Fallon, Nevada at $217,500 awarded cont. by State Highway Commissioners to const. 17.59 mi. of highway in Clark county bet. Mormon Mesa and Nevada-Arizona state line, involv. 222,000 cu. yds. unclassified excavation; 51,670 yd. sta. overhaul; 7.36 mi. prepare subgrade and shoulders; 390 cu. yds. load selected material for sub-base; 390 yd. mi. haul selected material for sub-base; 390 cu. yds. spread selected material for sub-base; 11,200 cu. yds. load and screen gravel 29,400 yd. mi. haul gravel; 11,200 cu. yds. spread gravel; 190 cu. yds. class A and BB conc.; 1290 lin. ft. 15-in., 1310 lin. ft. 18-in., 394 lin. ft. 24-in. and 215 lin. ft. 30-in. corru. metal pipe; 676 cu. yds. dry rubble masonry; 4792 lin. ft. wood guard rail; 40 stand. monuments; 95 special galv. iron pipe monuments; 220 cu. yds. rip rap. Geo. W. Borden, state highway engineer.

PASADENA, Cal.—The $125,000 outfall sewer bond issued carried at the recent election.

COLUSA, Colusa Co., Cal.—Until Feb. 14, 2 p. m., bids will be rec. by supervisors for purchase of $605,000 block of county highway bonds, a portion of the $795,000 issue. Bonds bear interest at 5% payable semi-annually. T. D. Cain, county clerk.

OROVILLE, Butte Co., Cal.—County Rd. Engineer Harry H. Hume completing surveys for proposed Las Plumas cut-off to connect Las Plumas with Quincy road.

OAKLAND, Cal.—Council, E. K. Sturgis, clerk, declares inten. to imp. Alice St., bet. 2nd and 7th Sts., involv. grade and pave; const. curbs and gutters. 1911 Act. Protests Jan. 31. W. W. Harmon, city eng.

PASADENA, Cal.—City Directors declare inten. to imp. Lake Ave., bet. prolonged s. boundary of city of Pasadena, grade and pave with oil macad., const. culverts; 1911 act. W. C. Earle, city engineer.

Inten declared to imp. Charlevoix St., bet. Sierra Bonita Ave. and Bonnie Ave., grade; pave with oil macad., const. curbs, gutters, walks; 1911 act.

Inten. declared to imp. Los Robles Ave., bet. California and Glenarm St., grade and pave with oil macad. W. C. Earle, city engineer.

TULARE, Tulare Co., Cal.—City trustees declare inten. to imp. L St., bet. 150 ft. s. of Pine St. and 8 ft. s. of said Pine St.; grade and pave with 6-in. cem conc.; paving L St., bet. Inyo St. and 150 ft. s. with 5-in. conc., and paving portion of L St. n. of Alpine St. with 4-in. cem. conc., const. walks, curbs, manholes, storm sewers, etc.; 1911 act. C. W. Cobb, city clerk.

OAKLAND, Cal.—Council, E. K. Sturgis, clerk, declared inten. to imp. portions of Monticello, Birdsall, Morcom, Meldon, Redding, Storer and Madrone Aves., involv. grade and pave; const. curbs and gutters; vit. pipe sewers with lampholes and wye branches, manholes and drop connections. 1911 Act. Protests Feb. 7. W. W. Harmon, cit yengineer.

SANTA ANA, Cal.—Until 11 a. m., Jan. 29, bids will be rec. by supervisors for road work in R. D. I. No. 26, involv. 6 mi. of grading and gravel surface, requiring 12,500 cu. yds. excav. and 11,-500 cu. yds. gravel, 5 wooden culverts, 10x40 ft.; 1470 lin. ft. curb and gutter. Cert. check or bond, 10%. Plans obtainable from J. L. McBride, county road commissioner.

SAN JOSE, Santa Clara Co., Cal. — Council, J. J. Lynch, clerk, declares inten. to imp. Fox Ave., bet. 1st St. and bridge over Guadalupe river, involv. grade and pave with Warrenite-Bit. surface on bituminous conc. base; const 2 hyd. cem. conc. storm water inlets; 8-in. vit. pipe drains; hyd. cem. conc. walks; curbs and gutters; 1 br. manhole; 8-in. vit. storm sewer drain. 1911 Act & Bond Act 1915. Protests Feb. 4. Wm. Pipp, city eng.

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LOS ANGELES, Cal.—E. Schelling, 218 Higgins Bldg., submitted low bid to Bd. Pub. Wks. to imp. Grafton St., bet. Echo Park Ave. and Lucretia Ave., involving grading at $4250; 13,201 sq. ft. oil and roll 7c ft.; 988 ft. light curb 60c ft; 4529 sq. ft. walk 21c ft; 2159 sq. ft. conc. gutter 35c ft.

GLENDALE, Cal.—E. L. Fleming, 324 W Dryden St., Glendale, awarded contract by council at $12,780 to imp. Irving Ave., bet. Fourth St. and San Fernando Rd., involving 3-in. macad. and other items.

HANFORD, Kings Co., Cal.—California Const. Co., 58 2nd St., San Francisco, at $48,867.66 awarded cont. by council to imp. portions of 6th, 7th, 8th Douty and Irwin Sts.; regrade; repave gated iron and concrete culverts.

BAKERSFIELD, Kern Co., Cal. — County has $60,000 available to finance its share of cost in paving Baker St., California avenue cemetery road. City of Bakersfield will finance portion of cost. Bids for the work will be asked shortly. W. D. Clarke, city eng.

SAN BERNARDINO, Cal.—Until 11 a. m., Jan. 28, bids will be rec. by supervisors to imp. Big Bear Blvd. (R. D. I. No. 25). Roadway to be graded 40 ft. wide, 8-in. macadam. There will also be some cem. conc. pavement, corru. iron culverts, conc. end walls, etc. The length of the project is about 5 mi. Engr's est. is $176,857.30. Lienau & Levering were previously awarded contr. at $149,500, but it was claimed there was an error in the proceedings. Cert. check or bond 10%. Plans and spec. on file at office of the supervisors. Edgar T. Ham, county surveyor. Harry L. Allison, clerk.

TURLOCK, Stanislaus Co., Cal.—City trustees, A. P. Ferguson, clerk, declares inten. to imp. Mitchell Ave., bet. Canal Dr. and pavement in place in N Chester St., involv. grade and pave with 3-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs and gutters; culverts. 1911 Act & Bond Act 1915. Protests Feb. 5. Horace Hall, city engineer.

OAKLAND, Cal.—Until Jan. 31, 12 M bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of Quince and Pearmain Sts., involv. grading and paving; const. curbs, gutters and walks; 1 culvert. 1911 Act. Cert check 10% payable to city req. W. W. Harmon, city engineer

EUREKA, Humboldt Co., Cal.—City Eng. Harry H. Hannah preparing spec. to grade and gravel 3 blocks of A St. bet. Hawthorne and Pacific Sts. and to pave 12 blocks of 2nd St., bet. H and M Sts. Plans have been approved to grade and gravel Union St., bet. Cedar and Russ Sts.

OAKLAND, Cal.—E. K. Sturgis, clerk declares inten. to imp. Deering St. from Bartlett St. s.e. for 193 ft. involv. const. of sewer with lamphole and wye branches. 1911 Act. Protests Jan. 31. W. W. Harmon, city eng.

YREKA, Siskiyou Co., Cal. — Until Feb. 5, 10 a. m., bids will be rec. by W. J. Nellon, county clerk, to gravel Dorris to MacDoel road, a distance of approx. 3 mi. Alt. bids are desired on gravel taken from red gravel on north end of S. P. tunnel No. 2 (in Oregon) and for gravel taken from Boyes Ranch gravel pit. Cert. check 10% req. with each bid. Plans obtainable from Albert J. Parrott, county surveyor.

TAFT, Kern Co., Cal.—Until Feb. 4, bids will b erec. by City Clerk H. G. Arndt to grade Warren St., 1779 lin. ft., involv 106,700 sq. ft.

GLENDALE, Cal.—Until 10 a. m., Jan 29, bids will be rec. by council to imp:

Kenilworth Ave., Vine St. and Riverdale Dr., involv. 43,720 sq. ft. grading, 26,473 sq. ft. 5-in. macad., 1503 ft. curb, 7770 sq. ft. walk, 772 ft. 4-in. pipe, 10 ft. 2-in. galv. pipe.

Justin Ave., Tenth St., Kenneth Rd. and Fourth St., involv. 88,945 sq. ft. grading; 59,965 sq. ft. 3-in. macad., 2578 ft. curb, 13,085 sq. ft. walk, 4535 sq. ft. 5-in. gutter, 1132 ft. 4-in. cast iron pipe, 185 ft. 2-in. galv. pipe.

Plans obtainable from city engr., Ben F. Dupuy.

YREKA, Siskiyou Co., Cal. — J. F. Beem at $1700 awarded cont. by supervisors to const. Dunsmuir high school road. Siskiyou Contracting Co., at $5267 only other bidder.

SANTA BARBARA, Cal.—City Mgr. George D. Morrison completes preliminary surveys to install drainage system and adequate sewers throughout the lower east side of Santa Barbara.

SAN FRANCISCO —Engineering Bureau, Department of Public Works, completing spec. to widen and pave Silver Ave., bet. Merrill and Vienna Sts. City will bear $23,000 of cost, the property owners the balance.

TURLOCK, Stanislaus Co., Cal.—City trustees, A. P. Ferguson, clerk declares inten. to imp. 5th St., from pavement in place in Lander Ave. to pt. 50 ft. n.w. from B St., involv. grading and paving with 3-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; culverts. 1911 Act. & Bond Act 1915. Protests Feb. 5. Horace Hall, city eng.

ALHAMBRA, Cal.—Council declares inten. to imp. McLean St., bet. Wilson and Garfield Aves.; grade and pave with oiled pavement, const. curbs, gutters and walks; 1911 act. R. B. Wallace city clerk.

OAKLAND, Cal.—Council, E. K. Sturgis, clerk, declares inten. to imp. Alice St., bet. 2nd and 7th Sts., involv. grading and paving; const. curbs and gutters. 1911 Act. Protests Jan. 31. W. W. Harmon, city eng.

OAKLAND, Cal. — Council, E. K. Sturgis, clerk, declares inten. to imp. Alice St., bet. 2nd and 7th Sts. grading and paving; const. curbs and gutters. 1911 Act. Protests Jan. 31. W. W. Harmon, city engineer.

SANTA ANA, Cal.—W. G. Knox, city engr., states that approx. $435,000 will be expended on street paving during 1924. The work will involve about 10 miles of pavement.

SANTA ROSA, Sonoma Co., Cal.—F. H. Richardson, Stewarts Point, Cal., at approx. 160,275 awarded cont. by supervisors to const. Jenner-Mendocino county highway involv. 240,000 cu. yds. excavation; 50 cu. yds. D conc.; 500 sq. ft. r.w. log cribbing, including ¾-in. drift pine; 5000 lin. ft. 12-in., 3500 lin. ft. 15-in., 1200 lin. ft. 18-in. and 900 lin. ft. 24-in. corru. iron pipe; 50 cu. yds. crushed rock. Other approximate bids were: A. L. Markus, $166,550; J. M. DeLucca, $180,140; Irey and Holden, $170,-125.

AZUSA, Cal.—City council will submit to voters about Feb. 18 a bond issue for $50,000 to complete the street paving commenced about 2 years ago.

EUREKA, Humboldt Co., Cal.—Until Feb. 13, 2 p. m., blds will be rec. by Fred M. Kay, county clerk, to const. 2.6-mi. or 14,000 ft. wagon road on west side of South Fork of Eel river, near Miranda. Work under Rd. Dist. Imp. Act 1907. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from A. J. Logan, county surveyor.

REDWOOD CITY, San Mateo Co., Cal. —Until Feb. 4, 7:30 p. m., bids will be rec. by W. A. Price, city clerk, to construct 12-in. and 10-in. vit. pipe sewer in portions of Minnie and Arguello Sts., etc., and approx. 84 ft. c.i. pipe Cert. check 10% payable to town req. Spec. on file in office of clerk.

SACRAMENTO, Cal.—Informal blds will be called for in a few days by Benj. G. McDougall, State Architect, for sidewalks and paving at the Capitol Grounds in Sacramento. Estimated cost $4000.

P. W. Beasley and O. Stoehr have formed a partnership under the firm name of Beasley & Stoehr with offices at 421 Chamber of Commerce Bldg., Portland, Ore., and will engage in the practice of civil engineering.

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Contracts Awarded

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BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
113	Quinn	Quinn	5000
114	Young	Howard	6000
115	McDevitt	Uconi	3060
116	Hamill	Owner	12000
117	Hamill	Owner	14000
118	Rhoades	Owner	8000
119	Feerick	Owner	5000
120	Rosenthal	Coburn	55990
121	Tobin	McCauley	2900
122	Lindberg	Owner	4900
123	Oyen	Baumann	23000
124	Howard	Buschke	9000
125	McCarthy	McCarthy	15000
126	Thyssen	MacMillen	4046
127	McClements	Rednall	13400
128	Mission	Hillard	2775
129	Roman	De Rome's	4850
130	Terschuren	Owner	7850
131	Nelson	Owner	7600
132	Schaefer	Johnson	14000
133	Conlin	McCarthy	4680
134	Fassmann	Binet	1000
135	Stinauer	Owner	7000
136	Gawthorne	Jones	5000
137	Hemmen	Owner	4000
138	Agasti	McKellar	2000
139	Born	Owner	12000
140	Leiser	Hinson	2400
141	Lepetich	Owner	4000
142	Wilson	Owner	1500
143	Hibernian	Owner	80000
144	Porter	Zinkand	12878
145	McDevitt	Uscola	3060
146	Passantino	Hamill	8750
147	Roman	Irwin	5749
148	Kuyper	Halsan	4425
149	Conlon	McCarthy	5680
150	Horgan	Owner	8000
151	Gutterson	Taylor	16000
152	Sbarbaro	Owner	12000
153	Dtvencenzi	Owner	3000
154	Nelson	Owner	6000
155	Ede	Owner	1500
156	Real	Grace	1000
157	Collins	Lossing	1500
158	Growall	Percy	2936
159	O'Shea	Owner	3500
160	Breitman	Golstein	3000
161	Same	Same	3000
162	Newsom	Battersby	4000
163	McConaghy	Mitchell	1600
164	Urban	Leonard	30000
165	Same	Same	20000
166	Whitmore	Owner	12000
167	Bauman	Owner	20000
168	Anderson	Anderson	8000
169	Furnell	Owner	4000
170	Phelan	Scully	9000
171	Hansen	Owner	9000
172	Sullivan	Owner	4000
173	Rosenthal	Coburn	54637
174	Crane	Day	1750
175	San Francisco	Lindgren	215000
176	Moneta	Arnott	12000
177	O'Brien	Kiernan	5000
178	Gullmes	Owner	6500
179	McMillan	Owner	1000
180	Getz	Owner	22000
181	Jacobson	Johnson	4400
182	Sigtrig	Olaisson	3600
183	Hargrave	Owner	6800
184	Creighton	Yates	6000
185	Koch	Weisman	306
186	Madarin	Barrett	45000
187	Pacific	Owner	75000
188	Calif	Trueson	18000
189	Maher	Ferroni	13000
190	Kendrick	Wilson	8665
191	Schaefer	Johnson	14450
192	Simon	Mullen	4690
193	Crocker	Standard	12527
194	Market	Coburn	7840
195	Christensen	Owner	7000
196	McLeod	McIntosh	6000
197	Sanfilippo	Hamill	8000
198	Koenig	Owner	16000
199	O'Connell	Magill	6500
200	Tiscornia	Owner	6000
201	Fontana	Owner	2000
202	Nelson	Pearson	1000
203	Bussee	Meinberger	9000
204	Amos	Morbia	1800
205	Lacey	Van Herick	5500
206	McLeod	McIntosh	8150
207	Olympia	Mattock	14838
208	O'Brien	Miron	2750

FLATS
(113) W ABBEY 30 S CHULA LANE. Two-story and basement frame (2) flats.
Owner—A. & B. Quinn, 3666 17th St., San Francisco.
Architect—None.
Contractor—Arthur Quinn, 3666 17th St San Francisco. $5000

FLATS
(114) E ALBION AVE. 80 S Sixteenth. Two-story and basement frame (2) flats.
Owner—W. H. Young, 72 Dorland St., San Francisco.
Architect—None.
Contractor—Joseph Howard, 580 41st Ave., San Francisco. $6000

DWELLING
(115) SE BERTITA 150 NE Mohawk. One-story and basement frame dwelling.
Owner—Olga McDevitt, 394 Fair Oaks St., San Francisco.
Architect—Richard R. Irvine, 736 Call Bldg., San Francisco.
Contractor—John Uscori, 253 Prim St., San Francisco. $3060

APARTMENTS
(116) SW CALIFORNIA AND EIGHTEENTH Ave. Two-story and basement frame (4) apartments.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $12000

FLATS
(117) W EIGHTEENTH AVE 25 & 50 S California. Two 2-story and basement frame (2 in each bldg.) flats.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $7000 each.

DWELLINGS
(118) W FORTIETH AVE. 200 300 N Fulton. Two 1-story and basement frame dwellings.
Owner—Marie Rhoads, 208 San Jose Ave., San Francisco.
Architect—None. $4000 each.

DWELLING
(119) E FIFTEENTH AVE. 75 N Fulton. Two-story and basement frame dwelling.
Owner—Bryan Feerick, 253 Downey St., San Francisco.
Architect—Plans by owner. $5000

FIRE REPAIRS
(120) 601 MISSION STREET. Repair fire damage to stores and lofts.
Owner—H. Rosenthal, 180 Jessie St., San Francisco.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. $55000

DWELLING
(121) N GRANVILLE WAY 100 W Ulloa. One-story and basement frame dwelling.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Owner—Robert D Tobin, C/O 719 Market St., San Francisco.
Architect—Arthur C. Griewank, 516 Call Bldg., San Francisco.
Contractor—McCauley and Weber, 1125 Ocean Ave, San Francisco. $2900

DWELLING
(122) NE NAYLOR AND MUNICH. One-story and basement frame dwelling.
Owner — C. Lindberg, 257 Surrey St., San Francisco.
Architect—None. $4900

APARTMENTS
(123) SW SECOND AND CORNWALL. Three-story and basement frame (9) apartments.
Owner—O. M. Oyen, 67 Carmel St., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., San Francisco $25000

CONCRETE BLDG
(124) NE SECOND AND DE BOOM Sts. Two-story reinforced concrete building.
Owner—Howard Realty Co.
Architect—Leo. J. Devlin, Pacific Bldg., San Francisco.
Contractor — Buschke & Brown, 185 Stevenson St., San Francisco. $9000

DWELLINGS
(125) W THIRTY-SIXTH AVE. 175 200 225 250 275 N Irving. Five 1-story and basement frame dwellings.
Owner—John E. and Ethel M. McCarthy, 1497 12th Ave., San Francisco.
Architect—None.
Contractor—J. E. McCarthy 1479-12th Ave. San Francisco. $3000 each

COTTAGE
(126) S NEWCOMB AVE 125 E Mendell 25 x 110. All work for 1-story and basement frame cottage.
Owner—E. & Josephine Thyssen, Newcomb Ave., San Francisco.
Plans by contractor.
Contractor—R. S. K. MacMillen, 2641 Howard St., San Francisco.
Filed Jan. 10, 1924. Dated Sept. 24, 1923.
Frame up $1011.50
Brown coated 1011.50
Completed and accepted 1011.50
Usual 35 days 1011.50
TOTAL COST, $4046
Bond, Forfeit, none; Limit, 90 days after Sept. 31, 1923; Plans and specifications, none.

FLATS
(127) NE FILBERT & BAKER N 72 x E 25. All work for 2-story frame bldg. (flats).
Owner — Capt. John McClements, 1215 Filbert, San Francisco.
Plans by contractor.
Contractor—W. W. Rednall, 180 Jessie St., San Francisco.
Filed Jan. 10, 1924. Dated Jan. 9, 1924.
Enclosed with sheathing and rustic on $3350
Brown coated 3350
Completed and accepted 3350
Usual 35 days 3350
TOTAL COST, $13,400
Bond, $6700; Sureties, W. P. Holmes & F. A. Fruse; Forfeit, $5—; Limit, 120 days; Plans and Specifications filed.

ALTERATION & ADDITION
(128) NW SIXTEENTH AND VALENCIA. All work for bronze work on screen for alteration and addition of bank building.
Owner—Mission Savings Bank.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., San Francisco.
Contractor—C. J. Hillard Co. Inc., 90 West Clay Park, San Francisco.
Filed Jan. 10, 1924. Dated Dec. 20, 1923.
Fifteenth day of each month ..75%
35 days after 25%
TOTAL COST, $2775
Bond, $1388; Sureties, United States Fidelity & Guarantee Co.; Forfeit, none; Limit, as rapidly as possible; Plans and Specifications filed.

ALTERATIONS
(129) N MISSION BET. THIRD AND Fourth. All work for main entrance door and 2 side entrance doors for St. Patrick Church.
Owner—The Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—None.
Contractor—L. De Romes Bronze Factory, 1076 59th St., Oakland.
Filed Jan. 10, 1924. Dated Jan. 3, 1924.
Completion 75%
Usual 35 days 25%
TOTAL COST, $4850
Bond, $2500; Sureties, John Monghetti, Wilfred D. Romc; Forfeit, none; Limit, 120 days; Plans and Specifications filed.

APARTMENTS
Streets. 2-story & basement frame (4) apartments.
(130) S W DOUGLAS & NINETEENTH
Owner—G. F. Terschuren, 307 Douglas St., San Francisco.
Architect—None. $7850

DWELLINGS
(131) E FORESTSIDE 50 200 N Ulloa. Two 1-story and basement frame dwellings.
Owner—Fernando Nelson & Sons Inc., 2 West Portal Park, San Francisco
Architect—None. $3800 each

DWELLINGS
(132) SE GREEN AND PIERCE STS. W Green 35 N Pierce. 2 2-story & basement frame dwellings.
Owner—Adam Schaefer, 3252 16th St., San Francisco.
Architect—None.
Contractor — Joel Johnson & Son, 180 Jessie St., S. F. $7000 each

FLATS
(133) NO. 209 HOFFMAN AVE. Raise and remodel for (2) flats.
Owner — Sarah Conlin, 209 Hoffman Ave, San Francisco.
Architect—N. Essman, 275 Diamond St. San Francisco.
Contractor — James F. McCarthy, 436 Eureka St., S. F. $4680

GARAGE
(134) N IVY AVE. 130 W Laguna. 1-story frame (private) garage.
Owner—E. F. Fassmann, 613 Grove St., San Francisco.
Architect—None.
Contractor—John J. Binet, 336 Church St., San Francisco. $1000

FLATS
(135) N LOMBARD 31 W Octavia. 2-story and basement frame (2) flats
Owner—S. Stinauer, 109 Cornwall St., San Francisco.
Architect—None. $7000

DWELLING
(136) W NINTH AVE. 50 S Sotella. 2-story and basement frame dwlg.
Owner—Dr. F. A. Gawthorne, 651 18th Avenue, San Francisco.
Architect—None.
Contractor—B. Jones, 707 Phelan Bldg. San Francisco. $5000

DWELLING
(137) N OCEAN AVE. 341 E Otsego. 1-story and basement frame dwlg.
Owner—Albert A. Hemmen, 140 Ellis St., San Francisco.
Architect — Gustave Stahlberg, 544 Market St., San Francisco.
Contractor—Albert A. Hemmen, 140 Ellis St., S. F. $4000

DWELLING
(138) N QUESADA 25 E Keith. 1-story and basement frame dwelling.
Owner — Peter Agasti, 1412 Quesada Ave., San Francisco.
Architect—None.
Contractor—McKellar & Son, 557 Divisadero St., S. F. $2000

RESIDENCE
(139) NW SANTA CLARA & TERrace Dr. 2-story and basement frame residence.
Owner—S. A. Born Building Co., Monadnock Bldg., San Francisco.
Architect—None. $12,000

DWELLING
(140) 24 SHOTWELL STREET REAR 1-story and basement frame dwlg.
Owner—Mr. and Mrs. J. C. Leiser, 24 Shotwell St., San Francisco.
Architect—O. R. Thayer, 110 Sutter St. San Francisco.
Contractor—L. A. Hinson, 1228 Grove St., San Francisco. $2400

DWELLING
(141) E TWENTY-SIXTH AVE. 175 N Ulloa. 2-story frame dwelling.
Owner—John N. Lepetich, 193 4th St., San Francisco.
Plans by owner. $4000

STORE FRONT
(142) SW TURK AND TAYLOR STS. New store front.
Owner — A. W. Wilson, Grand Hotel, San Francisco.
Architect — C. A. Meussdorffer, Humboldt Bank Bldg., S. F. $1500

BANK
(143) NW VALENCIA & TWENTY-second streets. 1-story and basement & mezzanine floor reinforced concrete bank.
Owner—The Hibernian Savings & Loan Society, Jones and McAllister Sts., San Francisco.
Architect — Bakewell & Brown, 251 Kearny St., S. F. $80,000

RESIDENCE
(144) S PACIFIC AVE. 150 W Baker S 127-8¼ x W 39. All work except plumbing, heating, painting, electric fixtures, mantels and window shades for a frame residence.
Owner—Frances L. Porter.
Architect—Erle J. Osborn, 821 Balboa Bldg., San Francisco.
Contractor — Ed. Zinkand & Son, 434 10th Ave., San Francisco.
Filed Jan. 11, 1924. Dated Dec. 19, 1923.
Roofing completed $3220
Rough plaster completed..... 3220
Completed and accepted 3220
Usual 35 days 3218
TOTAL COST, $12,878
Bond $6439; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, 120 days after Jan. 3, 1924; Plans and specifications filed.

BUILDING
(145) 171 BERTITA 25 x 104 irregular All work for 1-story frame bldg. and garage in basement.
Owner—Olga McDevitt, 394 Fair Oaks St., San Francisco.
Architect—None.
Contractor—John Uscoin, 253 Prim St., San Francisco.
Filed Jan. 11, 1924. Dated Nov. 15, 1923.
Frame up $700
Roofed and plastered 700
Completed and accepted 700
Usual 35 days 960
TOTAL COST, $3060
Bond, none; Forfeit, $20; Limit, 90 days Plans and specifications, none.

(146) E GOUGH 87-6 N Union N 25 x E 55. All work for 2-story and basement residence.
Owner—I. Passantino, 6140 Geary St., San Francisco.
Architect—None.
Contractor—Thomas Hamill 6140 Geary St., San Francisco.
Filed Jan. 11, 1924. Dated Jan. 2, 1924.
Roof boards on $2187.50
Brown coated 2187.50
Completed and accepted..... 2187.50
Usual 35 days 2187.50
TOTAL COST, $8750
Bond $4375; Sureties, Nathaniel Thompson & Jas. Welsh; Forfeit, none; Limit 90 days; Plans and specifications filed.

OFFICE BLDG. ETC.
(147) 1N ST. MARYS PARK Bounded by Mission St. and Crescent Ave. Entrance gate ways, garden walls and office bldg.
Owner — The Roman Catholic Archbishop of S. F., 1100 Franklin St., San Francisco.
Architect—Punnett & Parez, 58 Sutter St., San Francisco.
Contractor—Jas. J. Irwin, 801 Cabrillo St., San Francisco.
Filed Jan. 11, 1924. Dated Jan. 11, 1924. No. 42.
Forms for concrete portals set and ready to pour and frame of office bldg. enclosed.....$25%
Garden walls & frame portals brown coated 25%
Completed and accepted 25%
Usual 35 days 25% $1437.25
TOTAL COST, $5749
Bond, $2875; Sureties, David Kelly and O. H. Ward; Forfeit, none; Limit, 90 days; Plans and specifications filed.

BUNGALOW
(148) E "U" 32-6 — 24th Ave. 50x100 All work for bungalow.
Owner—August & Anastasia Kuyper, 634 22nd Ave., San Francisco.
Architect—None.
Contractor—A. Halsan & J. Sioblom, 37 Fair Ave., San Francisco.
Filed Jan. 11, 1924. Dated Jan. 3, 1924.
Four equal payments.
TOTAL COST, $4425

Bond, Forfeit, none; Limit, 90 days after Jan. 7, 1924; Plans and specifications, none.

ALTERATIONS
(149) E HOFFMAN AVE. 101-6 N Elizabeth N 25 x E 90. All work except fixtures, shades, finish hdw and wall bed, for alterations to residence.
Owner — Sarah Conlon, 209 Hoffman Ave., San Francisco.
Architect—None.
Contractor—Jas. F. McCarthy.
Filed Jan. 11, 1924. Dated Jan. 10, 1924.
Frame up $1420
Brown coated 1420
Completed and accepted 1420
Usual 35 days 1420
TOTAL COST, $5680
Bond, Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLINGS
(150) N GENEVA 130 & 155 S Huron. Two 1-story and basement frame dwellings.
Owner—Patrick Horgan, 915 Pierce St., San Francisco.
Architect—None. $1000 each

DWELLING
(151) S MONTEREY 234 E San Benito Two-story and basement frame residence.
Owner—Herbert B. Holt 45 Pierce St., San Francisco
Architect — Henry H. Gutterson, 278 Post St., San Francisco.
Contractor—Taylor & Jackson, 299 Tehama St., $16,000.

APARTMENTS
(152) NE CHESTNUT AND OCTAVIA. Two-story and basement frame (4) apartments.
Owner—Sbarbaro, Detjen & Noonan, Chestnut and Octavia Sts., San Francisco.
Architect—None. $12000

DWELLING
(153) E SAN BRUNO 175 N Woolsey. One-story and basement frame dwelling.
Owner—Louis N. Devencenzi, 2748 San Bruno Ave., San Francisco.
Architect—None $3000

DWELLINGS
(154) E THIRTY-THIRD AVE. 100 125 S Lincoln Way. Two 1-story and basement frame dwellings.
Owner—F. Nelson & Sons, 2 West Portal Park, San Francisco.
Architect—None. $3000 each.

FIRE REPAIRS
(155) 138 ERIE STREET. Repair fire damages.
Owner—Ede Estate, ———.
Architect—None. $1500

FIRE REPAIRS.
(156) 1216 FILLMORE STREET. Repair fire damage to store.
Owner—Real Property Investment Co., United Bank & Trust Bldg., San Francisco.
Architect—None.
Contractor—Grace & Bernieri, Claus Spreckels Bldg, San Francisco. $1000

ALTERATIONS
(157) 3 BRODERICK STREET. Remodel flats for two apartments.
Owner—Josephine Collins, 3 Broderick St., San Francisco.
Architect—None.
Contractor—Wm. E. Lossing, —. $1500

ALTERATIONS
(158) SW CHESTNUT AND LARKIN Sts. Erect 24 8-inch and 4 12-inch patent ues in apartment house.
Owner—W. L. Growall, —.
Architect—Wm. Knowles, Hearst Bldg. San Francisco.
Contractor—Percy Sheet Metal Works, 340 Guerrero St., San Francisco $2936

FLATS
(159) W TEMPLE 50 N. Seventeenth. Two-story and basement frame (2) ats.
Owner—D. O'Shea, 106 Saturn St., San Francisco.
Architect—None. $3500

DWELLING
(160) S ULLOA 90 W Thirty-third Ave. Onestory and basement frame dwelling.
Owner—M. A. Brietman, 2735 Clay St., San Francisco.
Architect—None.
Contractor—L. Goldstein, 3962 Clay St., San Francisco. $3000

DWELLING
(161) SW EIGHTEENTH AVE. AND Noreiga. One-story and basement frame dwelling.
Owner—M. A. Brietman, 2735 Clay St., San Francisco.
Architect—None.
Contractor—L. Goldstein, 3962 Clay St., San Francisco. $3000

DWELLING
(162) S ARMY 415 E Mission. Two-story and basement frame dwelling.
Owner—W. A. Newsom, care Bank of Italy, San Francisco.
Architect—G. M Battersby, 2706 Mission St., San Francisco.
Contractor — G. M. Battersby & Co., 2706 Mission St., San Francisco. $4000

ALTERATIONS
(163) NE ARMY AND MISSION Sts. Change front for auto show room; install windows, concrete flooring.
Owner—John McConaghy, San Lorenzo California.
Architect—None.
Contractor—Thos. F. Mitchell & Son. 1370 Utah St., San Francisco. $1600

DWELLINGS
(164) W BORICA 360 410 460 510 560 S Urbano Drive. Five 1-story and basement frame dwellings
Owner — Urban Realty Improvement Co., 39 Montgomery St., San Francisco.
Architect—None.
Designed by contractor.
Contractor—Leonard & Holt, 39 Montgomery St., San Francisco. $6000 each.

RESIDENCE
(165) SW BORICA AND ENTRADA Court. One and one-half story frame residence.
Owner — Urban Realty Improvement Co., 39 Montgomery St., San Francisco.
Architect—Archie T. Newsom, 39 Montgomery St., San Francisco.
Contractor—Leonard & Holt, 39 Montgomery St., San Francisco. $20000

FLATS
(166) S CALIFORNIA 55 W Eighteenth Ave. Two-story and basement frame (4) flats.
Owner—G. E. Whitcore, 637 16th Ave. San Francisco.
Architect—None. $12000

APARTMENTS
(167) S CHESTNUT 100 W Franklin. Three-story and basement frame (12) apartments.
Owner—W. S. Hoffman, Care Architects.
Architect — H. C. Bauman & Edward Jose, 251 Kearny St., San Francisco. $20000

DWELLINGS
(168) W DOLORES 150 180 S Army. Two 1-story and basement frame dwellings.
Owner—T. & H. Anderson, 2158 Howard St., San Francisco.
Designer—Chas. Shuetz, —.
Contractor—J. M. Anderson, 1612 Pacific Ave., San Francisco. $4000 each.

DWELLING
(169) S KENSINGTON 100 W Ulloa. One-story and basement frame dwelling.
Owner—P. Furnell. 813 Page St., San Francisco
Architect—Harold G. Stoner, First National Bank Bldg., San Francisco. $4000

FIRE REPAIRS
(170) 518 MARKET STREET. Repair roof (fire damage) carpentry, plastering and electric work for lofts.
Owner—Mary L. Phelan, Phelan Bldg., San Francisco.
Architect—None.
Contractor—J. E. Scully, Phelan Bldg., San Francisco. $9000

DWELLINGS
(171) S ST. ROSES 174 240-8 AND 307-4 E San Jose Ave. Three 1-story and basement frame dwellings.
Owner—Walter E. Hansen, 1919 San Jose Ave., San Francisco.
Architect—None. $3000 each.

DWELLING
(172) W VIENNA 150 N Geneva. Onestory and basement frame dwelling.
Owner — Timothy D. Sullivan, 927 Hampshire St., San Francisco.
Architect—None. $4000

REPAIRS AND ALTERATIONS
(173) S SECOND AND MISSION SW 76-13 SE 40 SW 8 in. SE 60 NE 77-6 NW 100. All work for repairs and alterations to building.
Owner—Nathan Rosenthal, 180 Jessie St., San Francisco.
Architect—None.
Contractor—Charles Coburn, 180 Jessie St., San Francisco.
Filed Jan. 14, 1924. Dated Jan. 12, 1924.
Last day of each month.....75%
Usual 35 days balance.
TOTAL COST, $54,637.75
Bond, $54,637.75; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, 90 days after Jan. 15, 1924; Plans and Specifications not filed.

LIGHT FIXTURES
(174) NE NEW MONTGOMERY AND Jessie Sts. All work for electric light fixtures in basement and 1st story of Sharon Bldg.
Owner—Crane Co., 301 Brannan St., San Francisco.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor—Thomas Day Co
Filed Jan. 14, 1924. Dated Dec. 26, 1923.
Fifty per cent complete.....40%
Seventy-five per cent complete..35%
Usual 35 days 25%
TOTAL COST, $1750.00
Bond, $875; Sureties, United States Fidelity & Guarantee Co.; Forfeit, none; Limit, 45 days after Jan. 10, 1924; Plans and specifications not filed.

COTTAGES & POWER BLDG.
(175) PROPERTY BOUNDED BY Vicente, Wawona, 28th and 30th avenues. All work for administration of building 6 cottages and power and laundry building.
Owner—San Francisco Protestant Orphanage Society, 520 Lake, San Francisco.
Architect — Bliss & Faville, Balboa Bldg., San Francisco.
Contractor—Lindgren & Swinerton Inc Standard Oil Bldg., San Francisco.
Filed Jan 14. 1924. Dated Jan. 11, 1924. Contractor to receive $15,000, total not to exceed $315,000.
Contractor to pay for material and labor from money advanced by owner rendering detailed statement monthly.
Structural frames complete....$5000
Completed and accepted 5000
Usual 35 days 5000
Bond, Sureties, Forfeit, Limit, none; Plans and Specifications filed.

RESIDENCES
(176) S JOOST AVE. 126 E Foerster E 100 S 100 Ptn. Blk. 21 Sunnyside. All work for 1-story and basement residences.
Owner — Moneta Investment Co., 233 Pacific Bldg., San Francisco.
Architect—Plans by owner.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
Filed Jan. 14, 1924. Dated Jan. 14, 1924
Frame up $3000
Brown coated 3000
Completed and accepted 3000
Usual 35 days 3000
TOTAL COST, $12000
Bond, Sureties, none; Forfeit, $10; Limit, 120 days; Plans and Specifications filed.

ALTERATIONS
(177) E BARTLETT 160 N Twenty-third. Concrete foundation, underpin and make general repairs for dwellings.
Owner — O'Brien-Kiernan Investment Co. (Wm. Woodfield).
Architect—None.
Contractor—Kiernan & O'Brien, Alexander Bldg., S. F. $5000

FRAME FLATS
(178) N CLEMENT 57-6 W Twenty-eighth Ave. Two-story and basement frame (2) flats.
Owner—V Gullmes, 1828 Castro St., San Francisco.
Architect—None. $6500

ADDITION
(179) NW FOLSOM AND SEVENTH. Add one room for store and dwelling; painting, etc.
Owner—R. McMillan, 578 15th Ave., San Francisco.
Architect—None. $1000

GARAGE
(180) N GEARY 82-6 E Thirty-first Ave. One-story brick public garage.
Owner—B. Getz, Chronicle Bldg., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $22,000

DWELLING
(181) S DeMONTFORD 75 E Faxon Ave. One-story and basement frame dwelling.
Owner — T. Jacobson, 1828 Eddy St., San Francisco.
Architect—None.
Contractor—Johnson & Erlendson, 1565 Jackson St., San Francisco. $4000

DWELLING
(182) E RAMSELL 190 N Holloway. One-story and basement frame dwelling.
Architect — Askell Sigtrig, 2109-A Geary St., San Francisco.
Architect—S. J. Olafsson, 2109-A Geary St., San Francisco.
Contractor—S. J. Olafsson, 2109-A Geary St., San Francisco. $3600

DWELLINGS
(183) S ROLPH 109½ and 134½ E Newton. Two one-story and basement frame dwellings.
Owner — E. J. Hargrave, 1114 Bayswater Ave., Burlingame.
Plans by Owner. $3400 each

DWELLING
(184) E SOTELLO 215 N Lopez. Two-story and basement frame dwlg.
Owner—W. D. Creighton, 1217 Shrader St., San Francisco.
Architect—None.
Contractor—W. H. Yates, 619 Clayton St., San Francisco. $6000

DWELLING
(185) NW WINDING WAY & NAYLOR One-story and basement frame dwelling.
Owner—Walter Koch.
Architect—None.
Contractor—L M. Weismann, 4067 18th St., San Francisco. $3000

ALTERATIONS
(186) NE BUSH AND GRANT AVE. Alterations and additions for stores and restaurant.
Owner—Mandarin Co., Premises.
Architect—Ashley & Evers, 58 Sutter St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $45,000

SUB-STATION
(187) LEIDESDORFF & COMMERCIAL Four-story reinforced concrete electric sub-station.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Plans by Owner. $75,000

MFG. BLDG.
(188) NO. 1710 SAN BRUNO AVE. (rear). Erect Truscon standard steel light mfg. building.
Owner — California Shade Cloth Co., Premises.
Plans by Truscon Steel Co.
Contractor—Truscon Steel Co., 709 Mission St., S. F. $18,000

APARTMENTS
(189) W TWENTY-FOURTH AVE 225 S Cabrillo. Three-story and basement frame (3) apartments.
Owner—Wm. and Madeleine Maher, 130 Cole St., San Francisco.
Architect—Jno J. Foley, 770 5th Ave., San Francisco.
Contractor—S. Ferroni & Sons, 1926 Filbert St., San Francisco. $13,000

RESIDENCE
(190) LOT 3 BLK 3, St. Francis Woods. All work for two-story and basement frame residence and garage.
Owner—Frank E. and Emily E. Kendrick, 433 California St., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Wilson & Benson, 336 Ashton Ave., San Francisco.

Filed Jan. 15, '24. Dated Jan. 12, '24.
Enclosed and roof on.....$2166.25
Brown coated 2166.25
Completed and accepted..... 2166.25
Usual 55 days..... 2166.25
TOTAL COST, $8665.00
Bond, $——. Sureties, Chas. Monson and Edwin T. Peterson. Limit, 90 days after Jan. 18, 1924 Forfeit, none
Plans and specifications filed.

RESIDENCES
(191) SE GREEN AND PIERCE STS. All work except gas heaters, electric wiring and fixtures, finish hardware, painting and papering for two frame residences.
Owner—Adam Schaefer, 3252 16th St., San Francisco.
Architect—None.
Contractor—Joel Johnson & Son, 180 Jessie St., San Francisco.
Filed Jan. 15, '24. Dated Jan. 14, '24.
Ready for roof.....$3612.50
Brown coated 3612.50
Completed and accepted..... 3612.50
Usual 25 days..... 3612.50
TOTAL COST, $14,450.00
Bond, $7225. Sureties, Adam Arras and Wm. Martin. Limit, forfeit, none.
Plans and specifications filed.

FIXTURES
(192) NO. 2829-2839 CALIFORNIA ST. All work for fixtures and work on premises.
Owner—Simon Bros., 1049-53 Howard St., San Francisco.
Architect—None.
Contractor—Mullen Mfg. Co., 64 Rausch St., San Francisco.
Filed Jan. 15, '24. Dated Jan 10, '24.
On signing contract.....$1563.33
On completion 1563.33
Usual 35 days..... 1563.34
TOTAL COST, $4690.00
Bond, $2345. Surety, Union Indemnity Co. Limit, 40 days. Forfeit, $10.
Plans and specifications filed.

ELECTRICAL WORK
(193) S POST 137-6 W Powell — 55x S 137-6. All electrical work for St. Francis Hotel Extension.
Owner—Crocker Hotel Co., Geary and Powell Sts., San Francisco.
Architect—Bliss & Faville, Balboa Bldg., San Francisco.
Contractor—Standard Electric Constr. Co., 80 Natoma St., S. F.
Filed Jan. 15, '24. Dated Jan. 11, '24.
Monthly installments of..... 75%
36 days after..... 25%
TOTAL COST, $12,527
Bond, $6261.50. Surety, Indemnity Ins. Co. of North America. Limit, forfeit, none. Plans and specifications filed.
NOTE:—Permit reported June 26, '23. No. 2551.

ALTERATIONS
(194) EIGHTH AVE S of Geary St. All work for alterations to substation.
Owner—Market Street Railway Co., 58 Sutter St., San Francisco.
Engineer—Ford, Bacon & Davis, Inc., 58 Sutter St., San Francisco.
Contractor — Ira W. Coburn, Hearst Bldg., San Francisco.
Filed Jan. 15, '24. Dated Sept. 19, '23.
On 5th of each month..... 75%
Usual 35 days, 25%.....$1960
TOTAL COST, $7840
Bond, $4000. Sureties, Geo. Rehn and C. Sartorio. Limit, 50 days. Forfeit, none Plans and specifications filed.
NOTE—Permit reported Sept. 19, 1923 No. 3524.

APARTMENTS
(195) W SEVENTH AVE 250 and 275 S Geary. Two two-story and basement frame (4 in each building) apartments.
Owner — Christensen Bros., 518 25th Ave., San Francisco.
Architect—None. $7000

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DWELLING
(196) S DEWEY BLVD. 46 E Kensington. One-story and basement frame dwelling.
Owner—J. J McLeod, 1246 Golden Gate Ave., San Francisco.
Architect—Dodge A. Riedy, Pacific Bldg., San Francisco.
Contractor—McIntosh Bros., 180 Jessie St., San Francisco $6000

DWELLINGS
(197) W FORTY-EIGHTH AVE 100 and 125 S Balboa. Two one-story and basement frame dwellings.
Owner— P. Sanfilippo, 902 Courtland Ave., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $4000 each

APARTMENTS
(198) SW FRANKLIN & LOMBARD Two-story and basement frame (8) apartments.
Owner—Chas. J. U. Koenig, 520 Church St., San Francisco.
Architect—None. $16,000

FRAME FLATS
(199) W TWENTY-FIFTH AVE 150 N Anza. Two-story and basement frome (2) flats.
Owner—D. O'connell, 581 4th Ave., San Francisco.
Architect—None.
Contractor—C. T. Magill, 581 4th Ave., San Francisco. $6500

DWELLINGS
(200) W THIRTY-THIRD AVE 225 & 250 N Cabrillo. Two one-story and basement frame dwellings.
Owner—D Tiscornia 188 Bertita Ave., San Francisco.
Architect—None. $3000 each

REMODEL
(201) NO. 421 EIGHTH AVENUE. Remodel front (residence); Raise dwelling 3 ft. 6 inches.
Owner—D. Fontana, 421 8th Ave., San Francisco.
Architect—A. H. Knoll, Hearst Bldg., San Francisco. $2000

GRADE, ETC.
(202) S FELL 27 E Buchanan. Grade, construct concrete foundation, underpin and make general repairs for dwelling.
Owner—A. L. Nelson, 500 Oak St., San Francisco.
Architect—None.
Contractor—Pearson & Johnson, 2031 Bryant St., San Francisco. $1000

FLATS
(203) W FOURTEENTH AVE. 150 S Cabrillo. 2-story and basement frame (2) flats.
Owner—Edwin K. Bussee, 3440 24th St., San Francisco.
Architect—None.
Contractor—H. S. Meinberger, 5720 Cal. St., San Francisco. $9000

FLATS
(204) NO 929 GROVE STREET. Remodel for (2) flats; interior and exterior changes.
Owner—Miss Marie L. Amos, premises.
Architect—None.
Contractor — Adolph Morbia, 74 New Montgomery St., S. F. $1800

APT. & STORE BLDG.
(205) S PINE 43-6 W Polk 23-4 by 73-6. Excavating, trenching, back filling, concrete work, carpenter work, etc. for 5 apartment and store building.
Owner—E. V. Lacey, 180 Jessie St., San Francisco.
Architect—None.
Contractor—Mr. Van Herick.
Filed Jan. 16, 1924. Dated Jan. 12, 1924.
Frame up $1375
Standing finish on 1375
Completed and accepted 1375
Usual 35 days 1375
TOTAL COST, $5500
Bond, Forfeit, none; Limit, 90 days; Plans and specifications, none.
NOTE—Permit reported Jan. 5, 1924 No. 43.

BUILDING
(206) S DEWEY BLVD 46 E Kensington Way. All work for 1-story and basement frame bldg.
Owner—J. J. McLeod, 1246 G. G. San Francisco.
Architect — Dodge A. Reidy, Pacific Bldg., San Francisco.
Contractor—McIntosh Bros., 180 Jessie St., San Francisco.

Filed Jan. 16, 1924. Dated Jan. 16, 1924. Roofing on $2037.50
Plastering completed 2037.50
Completed and accepted 2037.50
Usual 35 days 2037.50
TOTAL COST, $8150
Bond, $4075; Sureties, Theo. De Paso & C. E. Gordon; Forfeit, Limit, none; Plans and specifications filed.

SHOP ETC.
(207) ON PROPERTY CONVEYED BY Spring Valley Water Co et al to The Olympic Club. All work for 1-story golf shop and golf club storage bldg. and 2 foot bridges.
Owner—The Olympic Club, Post near Mason, San Francisco.
Architect—Bakewell & Brown & John A. Bauer.
Contractor — Mattock & Feasey, 251 Kearny St., San Francisco.
Filed Jan. 16, 1924. Dated Jan. 15, 1924. Frame completed & sheathed..$2917
Both bridges completed 2376
Tile roof & plastering finished 2917
Completed and accepted 2917
Usual 35 days 3711.50
TOTAL COST, $14,838.50
Bond, $7419.25; Sureties, Louis Figeac and Clarence B. Feasey; Forfeit, none; Limit, 80 days after Jan. 11; Plans and specifications filed.

ALTERATIONS
(208) N TWENTY-FIRST 90 W Mission N 85 by W 23. Alterations and additions to 2-story frame residence into flats.
Owner — Mary F. O'Brien, 60 Valley, San Francisco.
Architect—G. A. Berger, 261 Valencia San Francisco.
Contractor — Miron & Gardner, 2152 Pine St., San Francisco.
Filed Jan. 16, 1924. Dated Nov. —, 1923. House raised, rough frame up bldg enclosed.....$ 687.50
Completed and accepted 1375.00
Usual 35 days 687.50
TOTAL COST, $2750
Bond, $1500; Sureties. Thos. McTernan; and Herman Fredericks; Forfeit, $10; Limit, 60 days; Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Jan. 10, 1924—W EIGTHH 125 N Bryant N 50xW 85. Louis A Giacobbi to M V Brady.....Jan. 10, 1924
Jan. 10, 1924—LOT 1 BLK 3135 Westwood Park. Hans and Esther E Nelson to whom it may concern.....Jan. 6, 1924
Jan. 10, 1924—N BALBOA 127-6 W Fourteenth Ave W 33-9xN 95. Andrew Martin to whom it may concern.....Jan. 1, 1924
Jan. 10, 1924—NE ULLOA & KENsington Way. Margaret F Montgomery to E J Montgomery.....Jan. 8, 1924
Jan. 10, 1924—E ASHTON AVE 175 N Grafton Ave N 75xE 112-6. Oscar and Hilda Wilson to Oscar Wilson .....Jan. 10, 1924
Jan 10, 1924—W TWENTY-SEVENTH Ave 225 S Lake. Arthur B Stevens to whom it may concern.....Jan. 10, 1924
Jan. 10, 1924—NW BATTERY AND Sacramento W 275xN 119-6. Fedcral Reserve Bank of S. F. to Herring Hall Marvin Safe Co.....Jan. 1, 1924
Jan. 10, 1924—W SAN FERNANDO Way 100 N Monterey Blvd N 50xW 100 Ptn Blk 2, St. Francis Wood. Alexander E Richardes to whom it may concern.....Jan. 9, 1924
Jan. 10, 1924—E TWENTY-FOURTH Ave 143-6 S Balboa S 50xE 120; W 25th Ave 125 S Cabrillo S 25xW 120. Michael & Lawrence Costello to whom it may concern..Jan. 10, 1924
Jan. 10, 1924—E CLAYTON 125 S Fulton S 25xE 106. P J and Mary Sullivan to Thos McCormick.....Jan. 4, 1924
Jan. 10, 1924—S CABRILLO 95 W 21st Ave W 25xS 100. Michael and Lawrence Costello to whom it may concern.....Jan —, 1924
Jan. 11, 1924—S TEHAMA 158-9 W Fifth W 36-3xS 80. Meyers Safety Switch Co to John Spargo.....Jan. 8, 1924
Jan. 11, 1924—W JONES 77-6 N Turk N 60xW 68-9. Hugo F Ramaccotti to F P McKeon.....Jan. 4, 1924
Jan. 11, 1924—NO. 65 MARKET ST. Southern Pacific Co to Frederick W Snook Co.....Jan. 2, 1924
Jan. 11, 1924—N ANZA 27 and 46 W 42nd Ave W from each lot 19xN 80. Thos Hamill to whom it may concern.....Jan. 11, 1924
Jan. 11, 1924—NE LEAVENWORTH and O'Farrell. Adolph Stock to whom it may concern..Jan. 11, 1924
Jan 11, 1924—NE GENEVA AVE 119-10 NW Mission NW 27xNE 100 Ptn Lots 5 and 6 Blk 5, West End Map 1. Patrick Horgan to whom it may concern.....Jan. 10, 1924
Jan. 11, 1924—W MISSION AND Ecker SW 47 NW 112-6 SW 47 NW 75 SE 187-6. Lucy H and Edith W Allyne to United States Metal Products Co. of the Pacific Coast and Standard Electrical Constr Co.....Jan. 10, 1924
Jan. 11, 1924—NE UNIVERSITY AV and Bacon N to Felton E to Bowdoin S to Burrows E to Hamilton S to Bacon W to beg. Spring Valley Water Co to S F Motor Drayage Co.....Dec. 15, 1923
Jan. 11, 1924—E TWENTY-SIXTH Ave 160-8 S Balboa 25xE 120. Raymond Ryan to whom it may concern.....Jan. 10, 1924
Jan. 12, 1924—E TWENTY-THIRD Ave 70 N Geary 25x90. E J and Rose Wade to whom it may concern.....Jan. 12, 1924
Jan. 12, 1924—COM 80 N 4° 20' W fm int N Humboldt and E Georgia N 85° E 200 S 4° 20' W 166 S 84° 40' W 200 S 4° 20' E 166. Pacific Gas & Electric Co to Western Pipe & Steel Co.....Jan. 7, 1924
Jan. 12, 1924—W DOLORES 76-6 S Jersey adj and just to S 1162 Dolores 25x114 Wm G Loewe to Conlan Bros.....Jan. 9, 1924
Jan. 12, 1924—N GEARY 108 E Commonwealth Ave 25x120. F P Harter to C E Ahl.....Jan. 12, 1924
Jan. 12, 1924—SW RANDALL 500 SE Harper SE 50 SW 110 Ptn Blk 20, Fairmont Tract. Jas Hanratty to J Finnegan .....Dec. 5, 1923
Jan. 12, 1924—E TWENTY-SECOND Ave 240 N Vicente N 30xW 120. August Kuyper to whom it may concern.....Jan. 3, 1924
Jan. 14, 1924—W THIRTY-THIRD Ave 200 N Anza N 25xW 120. Wm E and Elizabeth S Lambert to G Sandberg.....Jan. 12, 1924
Jan. 14, 1924—W FORTY-FIRST AV 250 S Anza S 75 W 93 m or 1 N 77 m or 1 E 74 m or 1 to beg. Rae Herzog to Meyer Bros..Jan. 2, 1924
Jan. 14, 1924—NO. 1856 GREEN. Vernon G and Mary E Whetston to L Salomon.....Jan. 7, 1924
Jan. 14, 1924—LOT 5 BLK 8, Crocker Est Map on N Geneva Ave 75 SE Lisbon 25x100. Max Christensen to whom it may concern.Jan. 14, '24
Jan. 14, 1924—LOTS 22 AND 23 BLK G and Lot 9 Blk H Mission Terrace. Walter E Hansen to whom it may concern.....Jan. 11, 1924
Jan. 14, 1924—E FORESTER 50 N Joost Ave 25x100. Isaacson & Nylund to whom it may concern.....Jan. 14, 1924
Jan. 14, 1924—NW DERBY AND Mason N 60xW 77-6. Spring Valley Water Co to James H Pinkerton Co and Otis Elevator Co..Jan. 11, '24
Jan. 14, 1924—E CHURCH 100 S Army 25x95. Daniel O'Neill to whom it may concern..Jan. 14, 1924
Jan. 14, 1924—W SANSOME 46-10⅞ m or 1 N Sutter N 91-6xW 122-9. The Anglo & London Paris National Bank to L H Price.....Jan. 7, 1924
Jan. 15, 1924—LOT 7 BLK 24, St. Francis Wood Extn No. 2. Garden Homes Co to Mangels Bros.....Jan. 14, 1924
Jan. 15, 1924—PTN LOTS 1 AND 2 Blk 2126 Forest Hill Court. J Lang Jr to James Arnott & Son.....Dec. 15, 1923
Jan. 15, 1924—W FUNSTON AVE 300 S Judah S 25xW 120. Byrd O and Caroline Smith to whom it may concern.....Jan. 10, 1924
Jan. 15, 1924—N MISSION & FREmont NE 37-6xNW 137-6. Josephine C McCormick, Isabelle and Beatrice Cebreav, Maria C de F de Caleya to A Quandt & Sons.....Dec. 31, 1923
Jan. 15, 1924—S BDY MIRANDA Grant with W Lyon W 92.07 N 277.87 E 57-9 S 279.84. Carlo Matraia to W P Fuller Co..Jan. 10, 1924
Jan. 16, 1924—W FORTY-SEVENTH Ave 125 N Fulton. C Olson to whom it may concern.....Jan. 24, 1924
Jan. 16, 1924—W GRANT AVE 68-9 N Jackson N 68-9xW 137-6 Chin Lain to Ralston Iron Works.....Jan. 3, 1924
Jan. 16, 1924—E CURTIS 350 N Morse No. 47 Curtis. Wm E Grosman to whom it may concern.....Jan. 15, 1924
Jan. 16, 1924—E THIRTY-EIGHTH Ave 125 S Lincoln Way S 25xE 120. St. Francis Realty Co to whom it may concern.....Jan. 15, 1924
Jan. 16, 1924—E THIRTY-EIGHTH Ave 150 S Lincoln Way S 25xE 120. St. Francis Realty Co to whom it may concern.....Jan. 15, 1924
Jan 16, 1924—W THIRTY-SIXTH Ave 250 and 275 S Lincoln Way S 25xW 120. John E and Ethel M McCarthy to whom it may concern.....Jan. 16, 1924
Jan. 16, 1924—LOTS 26, 27 AND 28 Blk B Allred Sub West End Map No 1. Albert A Hemmen to whom it may concern.....Jan. 16, 1924
Jan. 16, 1924—N FULTON 83-10 W Masonic Ave. W R Voorhies to whom it may concern...Jan. 15, 1924
Jan. 16, 1924—S CLAY bet. Presidio Ave and Walnut No. 333 Clay St. Olga D Laib to Emil Nelson.....Jan. 16, 1924
Jan. 16, 1924—LOT 3 BL K15 Crocker Amazon Tract 161.46 W Athens on S Rolph. Ellis L, Bertha & Henry Stoneson and Fred Thorinson to Thorinson & Stoneson Bros.....Jan. 15, 1924
Jan. 16, 1924—LOT 23 BLK 6439, Crocker Amazon Tract Sub. 2. Wm and Mabel Poole to whom it may concern.....Jan. 16, 1924
Jan. 16, 1924—SE HANOVER 78 SW Guttenberg SW 25xSE 81-6 Ptn Lot 192 West End Hd Assn. Wm R McKnight to whom it may concern
Jan. 16, 1924—SE ELEVENTH AVE and Cabrillo E 82-6xS 30. Agnes M Sheerin to Harry Moran.....

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Accepted

Jan. 10, 1924—SW GREENWICH & Pierce — 125x50. Frank B Devincenzi vs O Lipman, Black Co and White Co. $70 10
Jan. 10, 1924—N CLINTON PARK 117 W Guerrero W 25xN 75 The Lawson Roofing Co vs Valentine and J Krysiak and Wm Remmers..$65
Jan. 11, 1924—N CLINTON PARK 117 W Guerrero W 25 N 75 E 25 S 25. Mission Lumber Yard vs Wm Remmers and Julia and Valentine Krysiak $47.25
Jan. 11, 1924—S SAN BRUNO AVE 175 S 18th S 25xW 125. Eureka Sash, Door & Moulding Mills vs L Salomon and John and Veronica Fugina $9.87
Jan. 11, 1924—W SAN BRUNO AVE 175 S Eighteenth S 25xW 125. L Salomon vs John and Veronica Fugina $2268.20
Jan. 11, 1924—W SAN BRUNO AVE 175 S Eighteenth S 25xW 125. John Behr, $200; National Lathing Co, $44.39 vs L Salomon and John and Veronica Fugina .....
Jan. 11, 1924—LOT 27 BLK 7, Peoples Hd. Ass'n. The Greater City Lumber Co vs George S West and B Novah $70.20
Jan. 11, 1924—N CLINTON PARK 117 W Guerrero W 25xN 75. M W Welsh vs Valentine and J Krysiak and Wm Remmers $155
Jan. 11, 1924—W SAN BRUNO AVE 175 S Eighteenth S 25xW 125. Wm. Mannix vs John and Veronica Fugina and Leonard Salomon...$287.50
Jan. 11, 1924—W SAN BRUNO AVE 175 S Eighteenth S 25xW 125. Hart Wood Lumbtr Co vs John and Veronica Fugina and L Salomon. $520 17
Jan. 12, 1924—N CLINTON PARK 117 W Guerrero W 25xN 75. David Campbell vs Valentine and J Krysiak and Wm Remmers.....$127
Jan. 14, 1924—W TWENTY-NINTH Ave 275 S California S 25xW 120. Leonard Lumber Co vs Mary P House and G R French.....$31.75
Jan. 14, 1924—W LYON 50 S Hayes S 25xW 81-3. Leonard Lumber Co vs Anna E and John P Ruegg and L R French $50.01
Jan. 15, 1924—N NINETEENTH 177 W Douglass W 25-8x N 114; N 19th

151-4 W Douglass W 25-8xN 114. Reinhart Lumber & Planing Mill Co vs James C and Florence E Gibson .....$1306.75 and $1529.62
Jan. 16, 1924—S LINCOLN WAY 50 E 26th Ave E 25xS 100. Malott & Peterson vs W J McKellar, Elizabeth and Wm Eitner, Emily Lutley and T J Beasley.....$62
Jan. 16, 1924—N NINETEENTH 176 and 151 W Douglas W 25xN 114. R J Williams vs J C Gibson (2 liens) .....$84 and $84

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded — Amount

Jan. 11, 1924—NE FULTON & SECOND Ave N 50 E 90 S 40 SW 91-3. A C Hamerton to Edw C & Martha E Counter .....
Jan. 12, 1924—E GRANADA AVE 125 S Grafton Ave S 25xE 120. Reinhart Lumber & Planing Mill to Thorr Jacobson, J Johnson and E Erlandson $194.88
Jan. 15, 1924—S BROADWAY 80 N Laguna W 47xS 100. N A Hanson to Alden F and Elmina A Potter $197.50
Jan 15, 1924—NW TWENTY-SIXTH and Dolores N 27xW 70. Pope & Talbot to John Schroeder and Jas Tarbett $1095.71
Jan. 16, 1924—SE GEARY AND Hyde 68-6x97.6. American Trading Co to John S Bryan and Wm R Sloan et al.....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Jan 10, 1924—N HAIGHT AND E Gough E 55xN 120. Finck Invst Co as to improvements on property..
Jan. 10, 1924—NW HOWARD bet. 1st and 2nd No. 586 Howard. Nettie and Anna L Moody as to improvements on property.....
Jan. 10, 1924—NE DRUMM AND Jackson No. 18 Jackson. C H S & E W C Witzemann as to improvements on property.....
Jan. 11, 1924—SE MARKET 400 SW Third SW 25 SE 100 NE 10 SW 70 NE 20 SW 70 SW 5 NW 100. Mansfield Investment Co as to improvements on property.....
Jan. 12, 1924—NW WEBSTER AND Oak W 50xN 100. Wm R Towne as to improvements on property....
Jan. 15, 1924—N GEARY 62-6 E Jones E 75xN 77-6. Louis Levin as to improvements on property.....
Jan. 16, 1924—NW VAN NESS AVE and Union 30x110 No. 1520 Union. Sutton Development Co as to improvements on property.....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
138	Baker	Owner	5250
139	Blum	Roth	5500
140	Larmer	Owner	5200
141	Larmer	Owner	5200
142	King	Eliasen	4500
143	King	Eliason	4500
144	Kidder	Owner	5100
145	Price	Owner	6000
146	Healy	Owner	2750
147	Coward	Owner	8000
148	Benedict	Cuthbertson	10000
149	Owen	Owner	7500
150	McGregor	Owner	3800
151	McGregor	Owner	3900
152	Palmer	Smith	6000
153	Van Ness	Owner	3500
154	Vaton	Mallett	5000
155	Kuttell	Owner	2500
156	Randall	Strong	7000
157	Cook	Nickerson	1500
158	Gow	Owner	2750
159	Block	Owner	1500
160	Marquis	Owner	2800
161	Marquis	Owner	3000
162	Retzer	California	14000
163	Retzer	California	11000
164	Campe	Morris	3000
165	Steele	Morrie	2800
166	Maxwell	Barnes	3000
167	Turner	Owner	1500
168	Aakin	Owner	4000
169	Berkeley	Michelsen	1750
170	Vaughan	Owner	1200
171	Many	Buckland	4500
172	Mortensen	Marshall	2480
173	Basemore	Briscoe	3000
174	General	Foundation	2000
175	General	Foundation	4000
176	Mill	Warner	7000
177	Manager	Owner	6500
178	Aysten	Aysten	5000
179	Reed	Owner	3500
180	Bakar	Lindquist	11500
181	East Bay	Owner	48700
182	Marymont	Kulcher	5000
183	Hodgkins	Reite	2200
184	Agrella	Owner	3600
185	Blodgett	Owner	6200
186	Bales	Owner	2000
187	Hofiman	Vaughn	27200
188	Van Ness	Owner	2000
189	Shell	Owner	1400
190	Vinkevich	Owner	1250
191	Ross	Owner	3500
192	Humann	Owner	12000
193	Morlimer	Armstrong	15000
194	Berkeley	Owner	3700
195	Turner	Brennan	6000
196	Knight	Marzier	3000
197	Anderson	Kruse	2200
198	Blanchard	Whitford	4500
199	Pringle	Langtry	12000
200	Stewart	Peffin	11250
201	Flagg	Owner	8000
202	Houdy	Owner	2500
203	Weir	Constable	2500
204	Cameron	Owner	3500
205	Cameron	Owner	4000
206	First	Spence	1200
207	Town	Owner	4000
208	Dutra	Owner	3800
209	Pike	Owner	3500
210	Call	Short	9000
211	Clinton	Vaughn	7350
212	McIntosh	McIntosh	5700
213	Brown	Starr	1500
214	McNeil	Schulz	6500
215	Ross	Bigelow	16000
216	Heine	Owner	2500
217	Hammarberg	Owner	5000
218	Marks	Schmitz	2300
219	McIntosh	Owner	1500
220	Warner	Owner	4000
221	Lodge	Owner	7000
222	Guyot	Owner	4000
223	Fennelly	Owner	4000
224	Glorud	Owner	3000
225	Warner	Owner	2000
226	Warner	Owner	3000
227	Griffiths	Owner	2800
228	Patton	Owner	1000
229	Stone	Owner	4900
230	Bottino	Valente	1900
231	Carrick	Thomas	2000
232	Gross	Owner	1500
233	Thorpe	Owner	4000
234	Bootsma	Ross	2000
235	Horst	Horst	4250
236	Wolcott	Owner	2500
237	Alameda	Owner	300000
238	Stroart	Owner	7000
239	Hansson	Owner	5200
240	Niemi	Owner	2000
241	Casse	Casse	3500
242	Johnson	Owner	2800
243	Smith	Brown	12000
244	Werner	Owner	2500
245	Johnson	Owner	2000
246	Baumann	Owner	3000
247	Banks	Gossett	11959
248	Buses	Owner	1800
249	Lehman	Owner	8500
250	Eymes	Stanley	1000
251	Bothello	Mills	2000
252	Corder	Reed	103000
253	Carstens	Owner	12000
254	Copra	Valente	3500
256	Salbo	Valente	2800
256	Wilson	Jackson	2000
257	Reynolds	Anderson	1500
258	Cow	Owner	2750
259	O'Reilly	Power	1000
260	Meyers	Conley	1600
261	Fraga	Easterly	3000
262	Baird	Owner	3700
263	McNeil	Schulz	8250
264	Shinn	Sircy	6188

RESIDENCE
(138) 128 ARBOR DRIVE, Piedmont. 1-story 6-room residence and garage.
Owner — W. J. Baker, 2255 Ransome Ave., Berkeley.
Architect—None. $5250

RESIDENCE
(139) 150 ARBOR DRIVE, Piedmont. 1-story 5-room residence and garage.
Owner—Adolph M. Blum, 2270 San Jose Ave., Alameda.
Architect—None.
Contractor—Conrad Roth. $5500

RESIDENCE
(140) 2 BLAIR AVE., Piedmont. 1-story 6-room residence and garage.
Owner — Edw. Larmer, 90 Fairview, Piedmont.
Architect—None. $5200

RESIDENCE
(141) 10 BLAIR AVE., Piedmont. 1-story 6-room residence and garage.
Owner — Edw. Larmer, 90 Fairview, Piedmont.
Architect—None. $5200

RESIDENCE
(142) 535 MORAGA AVE., Piedmont. 1-story 6-room residence and garage.
Owner—Wm. King, 4421 Webster St., Oakland.
Architect—None.
Contractor—Geo. Ellassen, 107 Ramona Piedmont. $4500

RESIDENCE
(143) 539 MORAGA AVE., Piedmont. 1-story 6-room residence and garage.
Owner—Wm. King, 4421 Webster St., Oakland.
Architect—None.
Contractor—Geo. Ellassen, 107 Ramona, Piedmont.

RESIDENCE
(144) 123 WILDWOOD AVE., Piedmont. 1-story 6-room residence and garage.
Owner—H. C. Kidder, 1923 Francisco, Berkeley.
Architect—None. $5100

DWELLING
(145) 844 CONTRA COSTA, Berkeley. Two-story 6-room dwelling.
Owner—Raymond D. Price, 716 Contra Costa Ave., Berkeley.
Architect—None. $6000

DWELLING
(146) 1306 EVELYN, Berkeley. One-story 5-room dwelling.
Owner—P. J. Healy, Nace St., Piedmont.
Architect—None. $2750

APARTMENT HOUSE
(147) 2741-45 GARBER ST., Berkeley. Apartment house.
Owner—J. Coward, 5429 Shafter Ave., Oakland.
Architect—None. $8000

DWELLING
(148) SE COR. HILGARD AND LEROY, Berkeley. Two-story 9-room dwelling.
Owner—Alfred W. Benedict, Dwight Way, Berkeley.
Architect—Geo. Ruthforth, 354 Pine St., San Francisco.
Contractor—Thos. A. Cuthbertson, 1766 12th Ave., San Francisco.

GARAGE
(149) 1818 HARMON ST., Berkeley. Class C garage.
Owner—Garrett Owen, 2710 Elmwood Ave., Berkeley.
Architect—None. $7500

DWELLING
(150) 1202 OREGON ST., Berkeley. One-story 6-room dwelling.

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones —the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert C. Samuels Co. JEWELERS
33 Kearny 895 Market

Owner—C. M. MacGregor, 470 13th Ave Oakland.
Architect—None. $3900

DWELLING
(151) 1207 1203 1201 & 1125 RUSSELL St., Berkeley. One-story 6-room dwelling.
Owner—C. M. MacGregor, 470 13th Ave Oakland.
Architect—None. $3900

DWELLING & GARAGE
(152) 632 VICENTE, Berkeley. One-story 6-room dwelling and garage.
Owner—Le Roy A. Palmer, 636 Vicente, Berkeley.
Architect—None.
Contractor—J. Harry Smith, 508 Lexington, Berkeley. $4800

DWELLING
(153) W BOSTON AVE. 500 N Hopkins, Oakland. One-story 5-room dwelling.
Owner—L. E. Van Ness, 4920 Park Blvd., Oakland.
Architect—None. $3500

DWELLING
(154) NW COR. CALMAR AND Paloma Ave., Oakland. One-story 6-room dwelling.
Owner—Mrs. G. N. Watson, Berkeley, Cal.
Architect—None.
Contractor—Fowler Mallett, 403 Acheson Bldg, Berkeley. $5000

DWELLING
(155) NW COR. C STREET AND Elmhurst Ave., Oakland. One-story 5-room dwelling.
Owner—Joseph Kuttell, 1309 95th Ave., Oakland.
Architect—None. $2500

DWELLING
(156) 818 CALMAR AVE., Oakland. One-story 7-room dwelling.
Owner—Mr. and Mrs. Capt. Randall, 250 Grand Ave., Oakland.
Architect—None.
Contractor—V. W. Strang, 1521 9th St., Alameda. $7000

DWELLING
(157) E EIGHTY-NINTH AVE. 196 N Olive St., Oakland. One-story 3-room dwelling.
Owner—P. J. Cook, 1316 97th Ave., Oakland.
Architect—None.
Contractor—George E. Nickerson, 1316 97th Ave., Oakland. $1500

DWELLING
(158) S HARDY ST. 90 E Claremont Ave., Oakland. One-story 5-room dwelling.
Owner—Andrew B. Gow, 5668 Ayala, Oakland.
Architect—None. $2750

DWELLING
(159) W NINETY-SECOND AVE. 285 S C St., Oakland. One-story 3-room dwelling.
Owner—W. B. Block, 1731 103rd Ave. Oakland.
Architect—None. $1500

DWELLING
(160) 1649 SEVENTY-THIRD AVE., Oakland. One-story 5-room dwelling.
Owner—E. M. Marquis.
Architect—None. $2800

DWELLING
(161) 1653 SEVENTY-THIRD AVE., Oakland. One-story 6-room dwelling.
Owner—E. M. Marquis, 2827 Russell St. Berkeley.
Architect—None. $3000

APARTMENT HOUSE
(162) SE COR. E-THIRTY-THIRD ST and Park Blvd., Oakland. Two-story 16 room apartment house.
Owner—Wm. Retzel.
Architect—None.
Contractor—California Builders Co. 1534 Franklin St., Oakland. $14000

APARTMENT HOUSE
(163) SE THIRTY-THIRD ST. 60 S Park Blvd., Oakland. Two-story 12 room apartment house.
Owner—Wm. Retzer.
Architect—None.
Contractor — California Builders Co., 1534 Franklin St., Oakland. $11000

DWELLING
(164) E THIRTY-EIGHTH AVE. 35 N Quigley St., Oakland. One-story 5-room dwelling.
Owner—I. Campe.
Architect—None.
Contractor—S. Morris & Son, 649 Mariposa Ave., Oakland. $3000

DWELLING
(165) E THIRTY-EIGHTH AVE 70 N Quigley, Oakland. One-story 4-room dwelling.
Owner—C. Steele.
Architect—None.
Contractor—S. Morris & Son, 649 Mariposa Ave., Oakland. $2800

ALTERATIONS
(166) 1314 WASHINGTON, Oakland. Alterations.
Owner—Maxwell Hardware Co., 1320 Washington, Oakland.
Architect—None.
Contractor—Barnes & Place, 310 Fairmont Ave., Oakland. $3000

DWELLING
(167) 2314 BONON ST., Berkeley. One-story 5-room dwelling.
Owner—C. A. Turner, 107 Gough St., San Francisco.
Architect—None. $1500

DWELLING
(168) 1151-52 CALIFORNIA STREET, Berkeley. One-story 6-room dwelling.
Owner—C. E. Aakin and W. A. Davis, 3049 Shattuck, Berkeley.
Architect—None. $4000

SCHOOL BLDG.
(169) ROSE AND WALNUT STS., Berkeley. One-story school building (temporary).
Owner—Berkeley School District, 2133 Allston Way, Berkeley.
Architect—None.
Contractor—P. Michelsen, Berkeley. $1750

DWELLING
(170) N DAISY ST. 100 W Fair Ave., Oakland. One-story 3-room dwelling.
Owner—T. E. Vaughan, 4862 Calaveras Ave., Oakland.
Architect—None. $1200

DWELLING
(171) 1476 EIGHTY-SEVENTH AVE., Oakland. One-story 6-room dwelling.
Owner—Jacob Many, 1835 89th Ave., Oakland.
Architect—None.
Contractor—W. J Buckland, 1801 89th Ave., Oakland. $4500

ADDITION
(172) 541 E TWELFTH ST., in rear Oakland. One-story hollow tile addition.
Owner—H. J. Mortensen, 541 East 12th St., Oakland.
Architect—None.
Contractor — Marshall & Burke, 254 Bacon Bldg., Oakland. $2480

ALTERATION AND ADDITION
(173) 2126 E-TWELFTH ST., Oakland Alteration and addition.
Owner—C. Basemore, 2048 E-21st St., Oakland.
Architect—None.
Contractor—L. Briscoe, 1386 12th St., Oakland. $3000

GARAGE
(174) 5441 E-FOURTEENTH ST., Oakland. One-story brick garage.
Owner—General Electric Co., 5441 E-14th St., Oakland.
Architect—None.
Contractor — The Foundation Co., 58 Sutter St., San Francisco. $2000

BOILER HOUSE
(175) 5441 E-FOURTEENTH ST., Oakland. One-story brick boiler house.
Owner—General Electric Co., 5441 E-14th St., Oakland.
Architect—None.
Contractor — The Foundation Co., 58 Sutter St., San Francisco. $4000

SHOP AND MILL.
(176) S E-FOURTEENTH ST., 30 E 36th Ave., Oakland. One-story shop and mill.
Owner—Eureka Mill, 3615 E-14th St., Oakland.
Architect—None.
Contractor—S. A. Warner, 850 Cleveland, Oakland. $7000

DWELLING
(177) E HAVENSCOURT BLVD., 40 N Arthur St., Oakland. One-story 6-room dwelling.
Owner—Adolph Manger, 8415 East 12th St., Oakland.
Architect—None. $6500

DWELLING
(178) N MORSE DRIVE 440 N Seminary Ave., Oakland. One-story 6-room dwelling.
Owner—Louis H. Aysten, 2730 Seminary Ave., Oakland.
Architect—None.
Contractor—Alfred E. Aysten, 2730 Seminary Ave., Oakland. $5000

DWELLING
(179) 2528 PLEASANT ST., Oakland. One-story 5-room dwelling.
Owner—C. W. Reed, 2534 Pleasant St., Oakland.
Architect—None. $3500

DWELLINGS
(180) N E-TWENTY-FIRST 214 249 279 W 17th Ave., Oakland. Three one-story 4-room dwellings.
Owner—Max Bakar.
Architect—None.
Contractor—J. L. Lindquist, 1962 83rd Ave., Oakland. $2500 each.

OFFICE AND GARAGE
(181) NW COR. TWENTY-FIRST and Adeline St., Oakland. One-story and two-story concrete office and garage warehouse.
Owner—East Bay Water Co., 512 16th St., Oakland.
Architect—None. $48700

ALTERATION
(182) 1514 WASHINGTON ST., Oakland. Alteratnon.
Owner—Marymont Millinery.
Architect—None.
Contractor — S. Kulcher Co., 8th Ave. and E-19th St., Oakland. $5000

COTTAGE
(183) N LN OF CO RD NO. 1536 350 ft SW fm cent ln of Arbor Av N 26° 57' 20" W 216.05 ft x S 86° 16' W 50 ft, being ptn lot 4 blk 2 mp Hayward Acres, Ala Co. One-story 4-room frame cottage.
Owner—Wm. P. Hodgkins, 438 Lincoln Ave., Alameda.
Architect—None.
Contractor—O. C. & J. C. Reite, 558 Haight Ave., Alameda.
Filed, Jan. 9, 1924. Dated Jan. 7, 1924.
Frame up ..... $ 550.00
Plastering finished 550.00
Completed 550.00
Usual 35 days 550.00
TOTAL COST, $2200.00
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and Specifications not filed.

DWELLING
(184) NO. 4718 BROOKDALE AVE., Oakland One-story 5-room dwelling and garage.
Owner—A. J. Agrella Jr., 1512 78th Ave Oakland.
Architect—None. $3600

DWELLINGS
(185) NO. 6100-6138 MURITANIA AV., Oakland. Two one-story 5-room dwellings and garage.
Owner—M. A. Blodgett, 3940 E-14th St., Oakland.
Architect—None. $3100 each

ADDITION
(186) NO. 2672 SEVENTY-EIGHTH Ave, Oakland. Addition.
Owner—Earl Bales, Premises.
Architect—None. $2000

APARTMENTS
(187) E TWENTY-NINTH AVE 50 N E-Fourteenth, Oakland. Two two-story 16-room apartment bldgs.
Owner—C. L. Hoffman, 2115 Broadway, Oakland.
Architect—None.
Contractor—John Vaughn, 561 21st St., Oakland. $13,600 each

DWELLING
(188) SE VICKSBURG ANW FORTY-eighth Ave., Oakland. One-story 4-room dwelling.
Owner—Mrs. A. E Van Ness, 2209 50th Ave., Oakland.
Architect—None. $2000

OIL STATION
(189) NW COR. UNIVERSITY AND GROVE, Berkeley. Oil station.
Owner—Shell Oil Co.
Architect—None. $1400

DWELLING
(190) 1039 CARLTON ST., Berkeley. 1-story 4-room dwelling.
Owner—John Vinkevich, 1514 Chestnut St., Berkeley.
Architect—None. $1250

DWELLING
(191) 1409 EUCLID, Berkeley. 1-story 4-room dwelling.
Owner—Mrs. Douglas Ross, 1100 Laurell St., Berkeley.
Architect—Roy O. Long Co. $3500

FLATS
(192) 2312-14 HILGARD, Berkeley. 2-story 16-room flats.
Owner—Mary Humann, 2314 Highland, Berkeley.
Architect—Vaino J. Mathaza, 2405 McKinley Ave., Berkeley. $12,000

DWELLING
(193) 924 MENDOCINO, Berkeley. 2-story 8-room dwelling.
Owner—W. J. Mortimer.
Architect—None.
Contractor—F. E. Armstrong 1776 Arch St., Berkeley. $15,000

PLANING MILL & OFFICE
(194) 1020 PARKER ST., Berkeley. 1-story planing mill and 1-sto office.
Owner — Berkeley Lumbr. & Mill Co., premises.
Architect—None. $3700

DWELLING
(195) 1038 SHATTUCK, Berkeley. 2-story 7-room dwelling.
Owner—C. A. Turner.
Architect—None.
Contractor—J. P. Brennan, 2110 Shattuck, Berkeley. $6000

STORE & DWELLING
(196) 1589-91 SOLANO, Berkeley. 1-story 6-room stores and dwelling.
Owner—Geo. Knight, 9th Ave. and E-14th St., Oakland.
Architect—None.
Contractor—Lee Marzier, 1096 63rd St., Berkeley. $3000

DWELLING
(197) 2919 E-TWENTY-SECOND ST., Oakland. 1-story 4-room dwelling.
Owner—Anna M. Anderson 2935 E-22nd St., Oakland.
Architect—None.
Contractor—H. H. Kruse, 6200 Majestic Ave., Oakland. $2200

DWELLING
(198) N FLORENCE AVE 125 W Duncan Way, Oakland. 1-story 5-room dwelling.
Owner—E. H. Blanchard, 2641 Webster St., Berkeley.
Architect—None.
Contractor—W. T. Whitford, 421 42nd St., Oakland. $4500

APARTMENTS
(199) S FORTIETH ST. 100 W Ruby, Oakland. 2-story 12-room apts.
Owner—Robert Pringle Sr., 1107 Center St., Oakland.
Architect—None.
Contractor—J. R. Langtry, 739 Aileen St., Oakland. $12,000

DWELLING
(200) 722-4-6 FIFTY-NINTH ST Oakland. 1-story 11o-rom 3-family dwelling.
Owner—Mrs. E. Stewart, 730 59th St., Oakland.
Architect—None.
Contractor—J. B. Peppin, 851 Trestle Glen Rd., Oakland. $11,250

DWELLINGS
(201) 2469 & 2521 MAXWELL AVE., Oakland. 2 1-story 6-room dwlgs.
Owner—Flagg & Turner, Maxwell and Brookdale Aves., Oakland.
Architect—None. $4000 each

DWELLING
(202) 2907 HOPKINS ST., Oakland. 1-story 3-room dwelling.
Owner—M. M. Houdy, 2901 Hopkins St. Oakland.
Architect—None. $2500

DWELLING
(203) 1342 ONE HUNDRED FOURTH Ave., Oakland. 1-story 3-room dwlg
Owner—Mrs. S. Weir, 4514 11th Ave., Oakland.
Architect—None.
Contractor — W. C. Constable , 3306 School St., Oakland. $2500

DWELLING
(204) E PLEITNER AVE. 60 N School St., Oakland. 1-story 6-room dwlg.
Owner—H. C. Cameron, 5619 Dover St. Oakland.
Architect—None. $3500

STORES
(205) NE COR. SCHOOL & PLEITNER Oakland. 1-story stores.
Owner—Herbert C. Cameron, 5619 Dover St., Oakland.
Architect—None. $4000

ALTERATION
(206) NW COR. SEVENTEENTH AND Franklin Sts., Oakland. Alteration.
Owner—First C. S. Church of Oakland.
Architect—None.
Contractor—A. T. Spence, 641 Taylor Ave., Alameda. $1200

DWELLING
(207) N WALNUT AVE. 240 E Lilac Ave., Oakland. 1-story 5-room dwelling.
Owner—Burnedda Town, 4626 Walnut Ave., Oakland.
Architect—None. $4000

DWELLING
(208) N WALNUT AVE. 200 E Lilac St., Oakland. 1-story 5-room dwlg.
Owner—A. V. Dutra, 967 55th St., Oakland.
Architect—None. $3800

DWELLING
(209) S WALNUT AVE 120 W Renwick, Oakland. 1-story 6-room dwelling.
Owner—A. M. Pike, 1825 Fruitvale Ave. Oakland.
Architect—None. $3500

DWELLING
(210) NO. 140 LA SALLE, Piedmont. Two-story 8-room dwelling and garage.
Owner—Nell S. Call.
Architect—None.
Contractor—C. W. Short, 574 Rosal Ave., Piedmont. $9000

DWELLING
(211) NO. 41 NACE AVE., Piedmont. One-story 6-room dwelling and garage.
Owner—Mrs. W. J. Clinton, 1401 Central Ave., Alameda.
Architect—None.
Contractor—Wiley S. Vaughn, 4190 Opal St., Piedmont. $7350

DWELLING
(212) NO. 124 WILDWOOD AVE., Piedmont. One-story six-room dwelling and garage.
Owner—R W. McIntosh, 132 Wildwood Ave., Piedmont.
Architect—None.
Contractor—R. W. McIntosh, 132 Wildwood Ave., Piedmont. $5700

DWELLING
(213) NO. 2313 CEDAR ST., Berkeley. Two-story 6-room dwelling.
Owner—W. P. Brown, 2233 Cedar St., Berkeley.
Architect—None.
Contractor—C. M. Starr, 2019 Delaware St., Berkeley. $1500

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DWELLING
(214) NO. 1439 HAWTHORNE TERrace, Berkeley. One-story 5-room dwelling.
Owner—Col. C. H. McNeil, 1406 Euclid Ave., Berkeley.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.
Contractor—H. K. Schulz, 2100 Virginia St., Berkeley. $6500

BOARDING HOUSE
(215) NO. 2516 LE CONTE, Berkeley. Two-story 20-room boarding house
Owner—Donald N. Ross.
Architect—None.
Contractor—J. E. Bigelow, 2234 Atherton St., Berkeley. $16,000

DWELLING
(216) NO. 2435 ROOSEVELT, Berkeley. One-story 5-room dwlg.
Owner—O. E. Heino, 2025 Parker St., Berkeley.
Architect—None. $2500

DWELLING
(217) NO. 1635-37 SOLANO, Berkeley. One-story 6-room 2-family dwlg.
Owenr—Albert Hammarberg, 589 55th St, Oakland.
Architect—None. $5000

DWELLING
(218) NO. 1135 WARD ST., Berkeley. One-story 5-room dwelling.
Owner—A. Marks, Epreka, Calif.
Architect—None.
Contractor—H. J. Schmitz, 1121 Ward St., Berkeley. $2300

ADDITION
(219) 1833 FRUITVALE AVE., Oakland. Addition.
Owner—F. M. McIntosh, premises.
Architect—None. $1500

DWELLINGS
(220) S FAIRMONT AVE. 50 & 86 E Rio Vista, Oakland. Two 1-story 4-room dwellings.
Owner—S. A. Warner, Oakland.
Architect—None. $2000 each.

DWELLINGS
(221) 5542 AND 5546 HARVEY ST., Oakland. Two 1-story 5-room dwellings.
Owner—C F. Lodge, 5494 Bond St., Oakland.
Architect—None. $3500 each.

DWELLING
(222) 771 MANDANA BLVD., Oakland One-story 6-room dwelling.
Owner—Victor Guyot, 3555 Meadow St., Oakland.
Architect—None. $4000

DWELLING
(223) 2400 MONTICELLO AVE., Oakland. One-story 5-room dwelling.
Owner—J. D. Fennelly, 2910 E-22nd St., Oakland.
Architect—None. $4000

DWELLING
(224) N MADELINE 80 E Hillview St. Oakland. One-story 5-room dwelling.
Owner—Carl Glorud, 3903 Midvale Ave. Oakland.
Architect—None. $3000

DWELLING
(225) SE COR. RIO VISTA AND Fairmont Aves., Oakland. One-story 4-room dwelling.
Owner—S. A. Warner, 850 Cleveland Ave., Oakland.
Architect—None. $2000

DWELLING
(226) 2562 SIXTY-SEVENTH AVE., Oakland. One-story 5-room dwelling.
Owner—Wm. Wolfe, 128 13th St., Oakland.
Architect—None. $3000

DWELLING
(227) W SIXTY-FIRST AVE. 240 S Eastlawn, Oakland. One-story 4-room dwelling.
Owner—E. A. Griffiths, 2863 Helen St., Oakland.
Architect—None. $2800

ALTERATIONS
(228) 734 THIRTY-FIFTH ST., Oakland. Alterations.
Owner—Mary E. Patton, 1622 Harrison St., Oakland.
Architect—None. $1000

DWELLINGS
(229) BAY FARM ISLAND, Alameda. 2 1-story 4-room dwellings.
Owner — E. B. & A. L. Stone, Claus Spreckels Bldg., San Francisco.
Architect—None. $2450 each

REPAIRS
(230) BAY FARM ISLAND, Alameda.
Owner—G. Bottino.
Architect—None.
Contractor—M. E. Valente. $1900

DWELLING
(231) 2517 CRIST, Alameda. 1-story 4-room dwelling.
Owner—Miss Byrel Carrick, 708 Post St., Alameda.
Architect—None.
Contractor—W. E. Thomas, 1350 Regent St., Alameda. $2000

ALTERATIONS
(232) 1617 ENCINAL AVE., Alameda. Alterations.
Owner—Geo. Gross, premises.
Architect—None. $1500

DWELLING
(233) N HAIGHT AVE. 100 W Webster St., Alameda. 1-story 4-room dwelling tile.
Owner — V. E. Thorpe, 1718 Alameda Ave., Alameda.
Architect—None. $4000

FIRE REPAIRS
(234) 1646 PARK ST., Alameda. Fire repairs.
Owner—W. B. Bootsma.
Architect—None.
Contractor—A. H. Rose, 535 17th St., Oakland. $2000

DWELLING
(235) 3236 THOMPSON, Alameda. 1-story 5-room dwelling.
Owner—H. J. Horst, 473 Central Ave., Alameda.
Architect—None.
Contractor—Gus Horst, 906 Santa Clara Ave., Alameda. $4250

ALTER & ADDITION
(236) 1206 VERSAILLES, Alameda. Alteration and addition.
Owner—H. C. Wolcott, 1532 Franklin St., Oakland.
Architect—None. $2500

SANATARIUM
(237) 2060 WILLOW, Alameda. 4-sto. concrete sanatarium.
Owner—Alameda Sanatarium.
Architect — Ed T. Foulkes, Crocker Bldg., San Francisco. $300,000

DWELLING
(238) 1614 ARCH ST., Berkeley. 2-story 7-room dwelling.
Owner — R. Stuart Browne, 2921-A Grove St., Berkeley.
Architect—None. $7000

DWELLING
(239) 911 SAN BENITO, Berkeley. 1-story 5-room dwelling.
Owner—Hans A. Hansson, 1747 Grove St., Berkeley.
Architect—None. $5200

DWELLING
(240) 2123 BYRON, Berkeley. 1-story 5-room dwelling.
Owner—A. Niemi, 2320 Browning, Berkeley.
Architect—None. $2000

DWELLING
(241) 1326 GROVE ST., Berkeley. 1-story 6-room dwelling.
Owner—F. Casse, 1314 Grove St., Berkeley.
Architect—None.
Contractor — Fox Bros., 569 Kenmore Ave., Oakland. $3500

DWELLING
(242) 1032 PARDEE, Berkeley. 1-sto. 5-room dwelling.
Owner—M. N. Johnson, 1034 Pardee St. Berkeley.
Architect—None. $2800

FLATS
(243) 1326 1326-A 1328 1328-A SHATTUCK Ave., Berkeley. 2-story 16-room flats.
Owner—Capt Tom Smith 1322 Shattuck Ave., Berkeley.
Architect—None.
Contractor—E. A. Brown, 1602 Shattuck Ave., Berkeley. $12,000

DWELLING
(244) 2753 WALLACE ST., Berkeley. 1-story 5-room dwelling.
Owner—Chas. A. Werner, 2416 10th St. Berkeley.
Architect—None. $2500

FLATS
NO. 727-9 PACIFIC AVE., Alameda. 2-story 16-room flats.
Owner—Bruzzone Estate, 1519 Central Alameda.
Architect—None.
Contractor—G. A. Scott, 685 23rd St., Oakland. $14,000
NOTE — Recorded contract reported Dec. 28, 1923, No. 6053.

DWELLING
(245) W BUELL AVE. 170 N Calaveras, Oakland. One-story 4-room dwelling.
Owner—Axel Johnson, 4862 Calaveras Ave., Oakland.
Architect—None. $2000

DWELLING
(246) W CHURCH ST. 172 N Arthur St., Oakland. One-story 5-room dwelling.
Owner—Fred Branmann, 2000 45th Ave Oakland.
Architect—None. $3000

GARAGE
(247) N E-FOURTEENTH STREET at 74th Ave., Oakland. One-story brick and tile garage.
Owner—Geo. T. Banks. 77 Sunnyside Drive, San Leandro.
Architect—None.
Contractor—C. A. Gossett, 327 Davis Court, San Leandro. $11959

DWELLING
(248) W EIGHTY-SIXTH AVE. 120 S Olive, Oakland. One-story 4-room dwelling.
Owner—P. Buses, East Bay Auto Camp
Architect—None. $1800

DWELLINGS
(249) 4307 4315 EVANS AVE., Oakland. Two 1-story 6-room dwellings.
Owner—J. Lehman, 959 Apgar St., Oakland.
Architect—None. $4750 each.

ALTERATIONS
(250) 4712 E-FOURTEENTH ST., Oakland. Alterations.
Owner—A C. Bymes.
Architect—None.
Contractor—C. B. Stanley, 1507 50th Ave., Oakland. $1000

ADDITION
(251) 1522 EIGHTH AVENUE, Oakland. Addition.
Owner—M. Bothello.
Architect—None.
Contractor—Mills & Jones, 1534 18th Ave., Oakland. $2000

SALESROOMS
(252) N FIFTEENTH ST. 150 W Clay St., Oakland. Four-story concrete salesrooms.
Owner—A. E. Corder, 350 Lenox Ave., Oakland.
Architect—Reed & Corlett, Oakland Bank Bldg., Oakland.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco. $103000

APARTMENTS
(253) S FORTY-THIRD ST. 190 W Grove St., Oakland. Two-story 16 rooms apartments.
Owner—Elson V. Carstens, 695 43rd St., Oakland.
Architect—None. $12000

DWELLING
(254) 435 FORTY-THIRD ST., Oakland. One-story 5-room dwelling.
Owner—E. Copra.
Architect—None.
Contractor—M. E. Valente, 5215 Locksley Ave., Oakland. $3500

DWELLING
(255) 866 FORTY-THIRD ST., Oakland. One-story 4-room dwelling.
Owner—A. Salbo.
Architect—None.
Contractor—M. E. Valente, 5215 Locksley Ave., Oakland. $2800

DWELLING
(256) E FIFTY-SEVENTH AVE. 50 S Orion, Oakland. One-story 4-room dwelling.
Owner—Mrs. Grace Wilson, 1534 57th Ave., Oakland.
Architect—None.
Contractor — Ade Jackson, 1534 57th Ave., Oakland. $2000

STORES
(257) S HOPKINS ST. 70 E Maple Ave Oakland. One-story stores.
Owner—S. W. McReynolds, 3001 Hopkins St., Oakland.
Architect—None.
Contractor—A. Anderson, 3027 Florida St., Oakland. $1500

DWELLING
(258) 515 HARDY ST., Oakland. One-story 5-room dwelling.
Owner—Andrew B. Gow, 5668 Ayala St. Oakland.
Architect—None. $2750

GARAGE
(259) W ROSEDALE AVE. 580 N E-14th St., Oakland. One-story tile garage.
Owner—James O'Reilly, 1606 40th Ave., Oakland.
Architect—None.
Contractor—J. J. Power, 774 20th St., Oakland. $1000

DWELLING
(260) 1157 SIXTY-FIRST AVE., Oakland. One-story 3-room dwelling.
Owner—Edward A. Meyers, premises.
Architect—None.
Contractor — Conley & Wilson, 1136 60th Ave., Oakland. $1600

SHOP
(261) 610 TWENTY-NINTH AVE., Oakland. One-story cabinet shop.
Owner—Fraga & Ramos.
Architect—None.
Contractor—John I. Easterly, 2137 Tiffin Road, Oakland. $3000

DWELLING
(262) 1012 UNDERHILL ROAD, Oakland. One-story 5-room dwelling.
Owner—Leroy M. Baird, 1031 Bay View Ave., Oakland.
Architect—None. $3700

DWELLING
(263) HAWTHORNE TERRACE, Berkeley. 1-story frame dwelling.
Owner—Colonel C. H. McNeil, 1406 Euclid Ave., Berkeley.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.
Contractor — Herbert K. Schulz, 2100 Virginia St., Berkeley.
Filed Jan. 16, 1924. Dated Jan. 11, 1924.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
30 days after ..... ¼
TOTAL COST, $8250
Bond, none; Forfeit, $3 day; Limit 100 days; Plans and specifications filed.
NOTE—Permit reported Jan. 16, 1924 No. 214.

DWELLING
(264) LOT 9 & N 20 LOT 10 BLK 544/3 4th Ave Heights, Oakland. All work for 1-story 7-room dwelling.
Owner — Ada L. & E. F. Shinn, 1086 Ranleigh Way, Piedmont
Architect—C. S. McNally, 661 Golden Gate Ave., San Francisco.
Contractor—J. B. Sircy, Alameda.
Filed Jan. 16, 1924. Dated Jan. 7, 1924.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $6188
Bond, $3094; Sureties, John M. Lundholm and Peter Johansen; Forfeit none Limit, 90 days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
Jan. 9, 1924—W SANTA CLARA AVE bet. Grand and Valla Vista Aves, No. 393 Santa Clara Ave., Oakland. E E Kragen to Jos Bertoldi.....—
Jan. 9, 1924—LOT 4 and Pctn Lots 3 and 28 Blk 174 K's Map, Oakland. The Oakland Bank Cptn to Vermont Marble Co., Cptn..Dec. 31, 1923
Jan. 9, 1924—E VICTORIA AVE being Lot 24 Blk 3, Map Hollywood, Oakland. R E Neikirk to whom it may concern.....Jan. 9, 1924
Jan. 10, 1924—NO. 2755 VALLECITO Place, Oakland. Eloise V Arends to whom it may concern.Jan. 10, 1924

Jan. 10, 1924—LOT 2 BLK "D" Map Oakland Highlands, Oakland. Edw S and Mary E James to whom it may concern.....Jan. 9, 1924

Jan. 10, 1924—NTN NE LINE E-12th St, with NW line 8th Ave NW 100x NE 150 Blk 45, Higleys Map Clinton, Oakland. H L McCoy to Geo A Scott.....Jan. 10, 1924

Jan. 11, 1924—LOT 15 BLK 4 Berkeley Heights Tract being No. 840 Shattuck Ave., Berkeley. Lee O Murphy to C M Norgrove.....Jan. 10, 1924

Jan. 10, 1924—LOT 30 BLK 5, Amended Map Sea View Park, Berkeley. Alice L Knott to William Knott..Jan. 4, 1924

Jan. 10, 1924—NO. 3060 ARKANSAS St., Oakland Highlands being Lot 12 Blk "D", Oakland. Axel Swanson to whom it may concern.....Jan. 9, 1924

Jan. 10, 1924—E BROADWAY 55 N Twelfth Lot 1 and Ptn Lots 3 and 28 Blk 174, Map Oakland. The Oakland Bank to J A Turgeon.....Jan. 4, 1924

Jan. 9, 1924—LOT 95 Map Galindo Tract, Oakland. Norman K Clarke to Andrews & Hagen....Jan. 8, 1924

Jan. 9, 1924—NW VIRGINIA ST. & Bushnell Place, Berkeley. H C Macauley to C Texdahl..Jan. 7, 1924

Jan. 9, 1924—BEG. S COR. LOT 3 E line Bellevue Ave Map Bellevue Pk N 30° 50' W 82.50 N 58° 10' E 100 S 30° 50' E 82.50 S 58° 10' W 100 to beg. Lot 3, Piedmont. Granville D Abbott Jr to Jos Parker & Son.....Jan. 3, 1924

Jan. 12, 1924—SE NILES SCREEN Tank Lot, Oakland. Spring Valley Water Co to C A. C Allan and R A Bruce (as Bruce & Sons)..Jan. 8, 1924

Jan. 14, 1924—2618 MONTICELLO Ave, Oakland. Arthur Bard & Co to whom it may concern.Jan. 14, 1924

Jan. 14, 1924—LOT 2 BLK "B" Map Montclair Acres, Oakland. Carlotta V Kirkpatrick to whom it may concern .....Jan. 11, 1924

Jan. 14, 1924—(1) LOT 45; (2) Lot 49; (3) Lot 50; (4) Lot 51; (5) Lot 52, View Tract, Oakland. S Victor Davidow to whom it may concern .....Jan. 14, 1924

Jan. 14, 1924—W 40 LOT 33 and E 10 Lot 34 Blk "B" Map Hamilton Tct, Berkeley. B Manaugh to whom it may concern.....Jan. 12, 1924

Jan. 14 ,1924—2700 MONTICELLO Ave., Oakland. Arthur Bard & Co to whom it may concern.....Jan. 14, 1924

Jan. 14, 1924—2642 MONTICELLO Ave., Oakland. Arthur Bard & Co. to whom it may concern.....Jan. 14, 1924

Jan. 14, 1924—LOT 11 BLK "B" Golden Gate Homestead Tract, Berkeley. Lorena E Meadows to O H Butzke.....Jan 14, 1924

Jan. 15, 1924—PIEDMONT PRIMARY School Site, Piedmont. Piedmont School District to M. E. Hopper..Jan. 2, 1924

Jan. 15, 1924—W SHATTUCK AVE. from Parker to Carlton Sts., Berkeley. John W. Havens to H W Cookson .....Jan. 12, 1924

Jan. 15, 1924—LOT 16 MAPLE HTS. Tract, Oakland. A. E. Clark to Alder & Clark .....Jan. 15, 1924

Jan. 15, 1924—LOTS 9 & 10 BLK 19 Hollywood Addition, Oakland. G. R. Blasingame to whom it may concern .....Jan. 15, 1924

Jan. 15, 1924—W SHATTUCK AVE. from Parker to Carlton Sts., Berkeley. John W. Havens to F. E. Nelson .....Jan. 14, 1924

Jan. 15, 1924—LOT 35 MAP BELVEdere Terrace, Oakland. Raymond H. Gilbert to Flagg & Turner.....Jan. 15, 1924

Jan. 15, 1924—PORT BLK H MAP Market Street Tract, Oakland. Ng Shun Leung, Ng Shun Cheng, Ng Shun Kay to J. J. Power..Jan. 12, '24

Jan. 15, 1924—LOT 17 BLK 5 MAP East Lawn. Oakland. Jennie G. Smith by Mrs. N. F. Beem to whom it may concern .....

Jan. 15, 1924—N E FULLINGTON ST 240 SE 39th Ave. Oakland. J. W. Rexford to S. A. Warner..Jan. 12, '24

Jan. 16, 1924—LOTS 23 AND 24 BLK 9 Map Eastlawn, Oakland Wm Hughes and Wm Hozack to whom it may concern.....Jan. 9, 1924

Jan. 16, 1924—LOT 16 BLK 11 Map Thousand Oaks, ———. Neilie C Babcock to whom it may concern .....Jan. 11, 1924

Jan. 16, 1924—NW THIRTEENTH AV and E-21st St., 100x100, Oakland Justus Norris to whom it may concern .....Jan. 10, 1924

Jan. 16, 1924—W MATHEWS 88 S Blake St., Berkeley. Marion McClarke to Arthur and Wallace MacArthur to whom it may concern...Jan. 16, 1924

Jan. 16, 1924—LOTS 1 AND 2 BLK V Amended Map Regents Park, Berkeley. J A Varni to H C Pfrang..Jan. 12, 1924

Jan. 16, 1924—SE FIFTY-SEVENTH and Los Angeles, Oakland. M S Clarke to C A Pratt....Jan. 12, 1924

Jan. 16, 1924—SE FIFTY-SEVENTH and Los Angeles, Oakland. M S Clarke to C A Pratt....Jan. 10, 1924

Jan. 16, 1924—N BISSELL 515 W Seventy-third Ave, Oakland. F E Clarke to C A Pratt.....Jan. 2, 1924

Jan. 16, 1924—N BISSELL 545 W Seventy-third Ave, Oakland F E Clarke to C A Pratt.....Jan. 3, 1924

Jan. 16, 1924—N BISSELL ST. 575 W Seventy-third Ave, Oakland. F E Clarke to C A Pratt....Jan. 3, 1924

Jan. 16, 1924—WOOLSEY & ELLSworth, Berkeley. S P Co to Hutchinson Co.....Jan. 5, 1924

Jan. 16, 1924—WARD AND SHATtuck Ave., Berkeley. S P Co to Hutchinson Co.....Jan. 2, 1924

Jan. 16, 1924—LOT 26 BLK 10 Map Berkeley Heights, Berkeley. E Kitley to whom it may concern..Jan. 16, 1924

Jan. 16, 1924—LOTS 33 AND 34 Map Buena Vista Tract, Berkeley. Arthur H and Frances J Blake to L A Peters.....Jan. 14, 1924

Jan. 16, 1924—NW EVERETT AVE & Park Blvd., Okd. Elizabeth McC Le Blanc to H L Houck.Jan. 15, 1924

Jan. 16, 1924— MILLS COLLEGE, Oakland. Mills College to Conner & Conner.....Jan. 15, 1924

Jan. 16, 1924—NO. 1220 WALNUT ST. Alameda. Claud Oliver Smith to whom it may concern..Dec. 31, 1943

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Jan. 9, 1924—LOTS 3 AND 4 W 12-6 Lot 2 Blk H Map Iveywood, Oakland. W. G. Garrett vs. E. J. McCord $179.21

Jan. 9, 1923—LOT 9 AND W 12-6 Lot 8 Blk H Map Iveywood, Oakland. W. F. Garrett vs E. J. McCord $383.63

Jan. 9, 1924—LOT 15 MAP LAKEland, Oakland. G. A. Johnson (General Mill & Lumber Co.), vs R. D. Grimes $615.70

Jan. 9, 1924—LOT 16 MAP LAKEland, Oakland. G. A. Johnson (General Mill & Lumber Co.), vs R. D. Grimes $615.70

Jan. 9, 1924—LOT 14 MAP LAKEland, Oakland. G. A. Johnson (General Mill & Lumber Co.) vs R. G. Grimes $590.18

Jan. 9, 2194—LOT 11 & S 10, LOT 10 Blk G Map subdiv. Blks E, F & G Mary Mortimers Add to Niles (2) beg. W ln lot 121 blk G S 50 from intersection S ln 1st St S 98 x E 10; Lot 12 Blk G map E, F and G Mary E. Mortimers add to Niles. Carl G. Janson (Janson Iron Works) vs Chas. E. Peterson & M. F. Foss .....$1,121.

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Jan. 9, 1924—NO. 2000 102ND AVE Lot 13 and E ½ Lot 14 Blk 'H" Map Iveywood, Oakland. Larsen Bros vs F J McCord and Arthur M Seamans $261.30

Jan. 9, 1924—NO. 2018 102ND AVE. Lot 9 and W ½ Lot 8 Blk "H" Map Iveywood, Oakland. Larsen Bros vs J C Ferris and E J McCord.....$130.70

Jan. 9, 1924—LOT 13 and E 12-6 Lot 14 Blk "H" Map Iveywood, Oakland W F Garrett vs E J McCord..$335.31

Jan. 11, 1924—LOT 23 BLK "G" Map Iveywood, Oakland, Manual Costa vs W H Williams.....$45

Jan 16, 1924—PTN LOTS 3, 4 AND 5 Blk 2 Map Berkeley Square, Berkeley. Thomas Weyhurn (Pacific Metal Products Co) vs Chas L Trow and Ray Simonds.....$165

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

Jan. 10, 1924—NW SEVENTH AVE 50 NE E-Eighteenth NE 100xNW 150, Oakland. McIntosh Bros to Louis Wiener and Art Tallering Co, Cptn $2465

Jan. 15, 1924—LOT 202 Map 4th Ave Terrace Extension, Oakland. K H Seeman, $417; Redwood Mfgs Co, $278.50; J Z Todd, $285.85; Maxwell Hardware Co, $65 to Gus Johansen, B and Madalina Galliano

Notice of Non-Responsibility

ALAMEDA COUNTY

Jan. 9, 1924—SE NINETENTH AND Broadway, Oakland. United Cigar Stores Co. of America (cptn) as to improvements on property, except Broadway entrance to apartments

Jan. 14, 1924—PTN LOT 38 Map Key Route Acres, Oakland. Alameda Investment Co as to improvements on property.....

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

TRANQUILITY U. H. DISTRICT, Fresno. Heating system in school bldg.
Owner—Tranquility U. H. Dist.
Architect—E. J. Kump Co., 544 College Fresno.
Contractor — B. A. Newman Co., 1927 Merced, Fresno.
Filed Jan. 11, 1924. Dated Dec. 10, 1923.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $1372
Bond, $1029; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, 30 days; Pans filed, Specifications, none.

DWELLING and garage, $5300; 636 Cambridge Ave., Fresno; owner, Ida M. Martin; contractor, Walter Jarvis.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Amount

Jan. 5, 1924—EARL ST., KINGSBURG S. P. Co. to Cal. Cons. Co..Jan. 3, 1924

Jan. 5, 1924—LOTS 1, 2, BLK 8, BELmont Add., Fresno. Jas. W. Cobbey and Margaret C. to E. G. Welch.....January 4, 1924

Jan. 5, 1924—REAR 30 FT OF LOTS 29 to 32, Blk 52, Fresno. N. Pargen to F. J. Stone. .....Jan. 4, 1924

200x400 FT IN SEC. 14, 14-20. Richfield Oil Co. to W. H. Eaton & Son .....January 5, 1924

Jan. 4, 1924—PART LOT 28, BLACKstone Villa, Fresno. P. F. Phillips to whom it may concern.Dec. 29, 1923

Jan. 8, 1924—LOTS 5 & 6 BLK 11, College Park, Fresno. O. W. Wood to whom it may concern..Jan. 5, 1924

Jan. 8, 1924—LOTS 11 TO 14, BLK 45, K B Hts, Fresno. Frank Cenci to Jim Romano.....Oct. 8, 1923

Jan. 8, 1924—LOTS 42 & 43 BLK 8 Roeding Addition, Fresno. Jas. C. Morris to whom it may concern.....Jan. 7, 1924

Jan. 10, 1924—W ½ of E 100 Lot 10, Olive Heights, Fresno. John F Stith to whom it may concern.....Jan. 9, 1924
Jan. 10, 1924—LOTS 11, AND 12 BLK 3, Zapps Park, Fresno. W Schuerr to whom it may concern.Jan. 10, 1924
Jan. 11, 1924—LOTS 21 AND 22 BLK 7, Roeding Add, Fresno. H B Swope to whom it may concern.....Jan. 10, 1924
Jan. 11, 1924—TRANQUILLITY UNION School District, Fresno. Tranquillity Union High School Dist to W F Jennings.....Dec. 31, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
Dec. 31, 1923—LOTS 37 AND 38, West Brae, Fresno. Fresno Electric Co vs J A Schlotthauer.....$35
Dec. 31, 1923—LOTS 13 AND 14, Nishkian Tract, Fresno. Same to Same.....$57
Dec. 31, 1923—LOTS 35 & 36, Whitehouse Tract, Fresno. Fresno Elec. Co vs B G Townsend.....$319
Dec. 31, 1923—LOTS 37 AND 38 West Brae. G B Phillips vs J A Schlotthauer.....$370
Jan. 3, 1924—LOTS 35 AND 36 BLK 3, Torrance Terrace, Fresno. S C Ramage vs N R Derdorf.....$88
Jan. 3, 1924—LOTS 17 AND 18 Nishkian Tract, Fresno. J R Wright vs J A Schlotthauer.....$79
Jan. 3, 1924—LOTS 37 AND 38 West Brase. J R Wright vs J A Schlotthauer.....$60
Jan. 3, 1924—LOTS 13 AND 14, Nishkian Tract, Fresno. J R Wright vs J A Schlottauer.....$79
Jan. 3, 1924—LOTS 1, 2, 13, 14, 17, 18, 31, 32, 33 S ½ Lots 34 and 39 S ½ Lots 40 and 42 and 43, Nishkian Tract, Fresno. H E Putnam vs J A Schlotthauer.....$410
Jan. 3, 1924—LOT 1 BLK 17, Fresno. Fresno Planing Mill Co vs A P and Josephine Pagano and J Romano.....$424
Jan. 9, 1924—LOTS 1 TO 6 BLK 81, Fresno. Paul Kindler vs A Knowles.....$934
Jan. 10, 1924—LOTS 1 TO 6 BLK 81, Fresno. Truscon Steel Co vs Agressive Sales Co and Sun-Maid Hotel Corpn.....$5451
Jan. 11, 1924—LOTS 17 AND 18, Nishkian Tract, Fresno. H T Swinson ve J. A. Schlotthauer.....$245

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE
LOT 3 BLK 3 GLENWOOD PARK, Burlingame. All work for frame residence and garage.
Owner—Henry G. & Mary Pausmann.
Architect—None.
Contractor—M. C. Rench, 1301 4th Ave., San Francisco.
Filed Jan. 10, 1924. Dated Jan. 7, 1924.
Framed $1650
Brown coated 1650
Completed and accepted 1650
Usual 35 days 1650
TOTAL COST, $6600
Bond, Forfeit, none; Limit, 100 days; Plans and specifications filed.

RESIDENCE
LOT 18 BLK 4 Wellsley Park, Redwood City. All work for 2-sto residence.
Owner—Mary L. Rice, 519 Phelps, Redwood.
Architect—None.
Contractor — Ben C. Zimmerman, 797 Arguello, Redwood City.
Filed Jan. 11, 1924. Dated, —.
Roofed .....¼
Plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $——
Bond, Forfeit, Limit, none; Plans and specifications filed.
NOTE—Contractor receives 10%.

BUNGALOW and garage, $3000; Lot 2 Blk 10, San Mateo Drive, Burlingame; owner, Henry East.
ALTERATIONS, $1000; No. 123 S-C St., San Mateo; owner, Frank Nelli; contractor, S. A. Wisnom, A and 2nd Sts., San Mateo.

DWELLING, $1500; Lot 23 Blk 66, Tilton and J Sts., San Mateo; owner, Miske Suslse.
BUAGALOW and garage, $3000; Lot 11 Blk 14 Capuchino Ave., Burlingame owner, Geo. E. McLeod, 933 Paloma Ave., Burlingame.
BUNGALOW and garage, $4000; N ½ Lot 28, Laurel Ave., Burlingame; owner, Mrs. F. Bakewell, 1200 Oak Grove, Burlingame.
BUNGALOW and garage, $6500; Lot 23 Blk 34, Bernal Ave., Burlingame; owner, Gorden Hess, 1268 Cortes St., Burlingame.
BUNGALOW and Garage, $4500; Lot 22 Blk 7 Capuchino Ave., Burlingame owner, W. C. Fernell.
BUNGALOW and garage, $5000; Lot 24 Blk 42, Drake Ave., Burlingame; owner, A. D. Liesl.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Jan. 8, 1924—COLMA. Southern Pacific Co to Louis Lagormasino.....Dec. 22, 1923
Jan. 8, 1924—LOT 9 BLK 61 Easton No. 7, Burlingame. Walter E Schuetz.....Dec. 17, 1923
Jan. 8, 1924—LOT 4 BLK 19, Easton Addition, Burlingame. William & Elsie Sattler to Hammer & Hultberg.....Dec. 29, 1923
Jan. 9, 1924—LOT 11 BLK 27 Western Addition, San Mateo. Elie and Marie Derruau to Grant T Johnson.....Dec. 27, 1923
Jan. 9, 1924—PTN LOT 11 BLK 12, Mission St. Land Co. Homestead Realty Co to whom it may concern.....Jan. 3, 1924

BUILDING CONTRACTS

SANTA CLARA COUNTY

COTTAGE, 5-room, $4395; San Fndo op. Gifford, S. J.; owner, Fred Clark; 160 S River, S. J.; contractor, Johnson & Rodriguez.
COTTAGE, 4-room, $3800; Orvis near 12th, San Jose; owner, Louis Ferrari; architect, Felix Savio, 44 N River, San Jose.
COTTAGES, 2, 4-rm., $2000 ea; Delmas and Auzerais, San Jose; owner, C. Jensen.
COTTAGE, 5-room, $2750; 17th near Mission, S. J.; owner, T. J. Leland.
COTTAGE, 6-room, $3950; 14th near Empire, San Jose; owner, J. H. Petersen, 153 N 13th, San Jose.
ALTERATIONS, $2500; San Carlos nr. 4th, San Jose; owner, M. Robertson; architect, H. M. Nelson, 716 E Sta. Clara, San Jose.
COTTAGE, 6-room, $4800; 14th near William, San Jose; owner, Lida Jack, 115 Fox Ave., San Jose; architect, L. C. Rossi.
COTTAGE, 3-room, $1000; 14th near Vestal, San Jose; owner, V. Ginestra, 744 Vestal, San Jose.
COTTAGE, 4-room, $2500; 22nd near Beach, San Jose; owner, H. J. Skinner; architect, B. J. Smith, 33 Schiele Ave., San Jose.
COTTAGES, 2 3-room, $5000; Washington near 17th, San Jose; owner Jno. G. Nissius.
APARTMENT HOUSE BLDG., 6 apts., $14,850; 6th and San Fernando, San Jose; owner, W. H. Beal, 15 N 1st St., San Jose; architect, H. W. Higbie, Porter Bldg., San Jose; contractor, Walter E. Hauser, 431 N 4th St., San Jose.
EXTENSION of permit, $1000; San Carlos near 4th, San Jose; owner, Alex Robertson, 206 S 8th St., San Jose; contractor, H. M. Nelson, 716 E Sta. Clara, San Jose.
COTTAGE, 4-room, $3500; 11th near Washington, San Jose; owner, Bertha B. King; architect, Winton Lbr Co.; contractor, Talnter Realty Co., 42 E Sta. Clara, San Jose.
BUS BLDG., 1-story, $8000; First near San Salvador, San Jose; owner, J. A. McDonald, Stevens Creek Rd., San Jose; architect, C. S. McKenzie, Bank of San Jose Bldg., San Jose; contractor, Chas. Thomas, 340 S 3rd, San Jose.
ALTERATIONS, $1000; 659 Miller, San Jose; owner, M. Moline; architect, C. W. De Hegy.

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $3000; E 23d St., bet. Lowell and Humphrey Sts., Richmond; owner, Mrs. T. C. Brown, 2234 Macdonald St., Richmond; contractor, The Miner Co., 2234 Macdonald Ave., Richmond.
DWELLING, one and one-half-story frame dwelling, $4000; E 32nd St., bet. Roosevelt and Clinton Sts., Richmond; owner, B. H. Heyne, P. O. Box 1032 Richmond.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

COLLEGE BLDGS
LOWER SACRAMENTO ROAD, just S of diverting canal, Stockton. All work except mechanical equipment for administration, science, auditorium and conservatory buildings, girls' dormitory, dining and social halls and power plans for college.
Owner—College of the Pacific, a corp., Commercial Saving Bank Bldg., Stockton.
Architect—None.
Contractor—R. W. Moller, Call Bldg., San Francisco.
Filed Dec. 31, '23. Dated Dec. 26, '23.
TOTAL COST not to exceed $400,023
Bond, none. Limit, 190 working days. Forfeit, none. Plans and specifications filed.

ELECTRIC WIRING AND POWER distribution on above.
Contractor—Commercial Elec. Co., 311 E-Market St., Stockton.
Filed Dec. 31, '23. Dated Dec. 26, '23.
TOTAL COST, $61,912
Bond, none. Limit, 190 working days. Forfeit, none. Plans and specifications filed.

CONCRETE WORK
SO. SAN JOAQUIN IRRIG. DISTRICT. To complete concrete lining in the canals of said S. S. J. Irrig. Dist.
Owner—South San Joaquin Irrigation District, a pub. corp., Manteca, Cal.
Architect—None.
Contractor—J. S. Greaves, Oroville.
Filed Jan. 3, 1924. Dated Dec. 10, 1923.
Payments not given.
TOTAL COST, $—
Bonds, Forfeit, none; Limit, on or before March 1, 1924; Plans and specifications, none.

ASPHALT LINING
COMPLETE ASPHALT LINING ON above.
Contractor — Hewitt Davenport, 1981 Pacific Ave., San Francisco.
Filed Jan. 3, 1924. Dated Dec. 6, 1923.
Payments not given.
TOTAL COST, $—
Bond, Forfeit, none; Limit, not later than March 1, 1924. Plans and specifications, none.

PLUMBING ETC
ON LOWER SACRAMENTO ROAD SO. of the Diverting Canal, Stockton. Complete plumbing, gas, sewer, & sheet metal work and power, heating and ventilating for College buildings.
Owner—College of the Pacific, a corp.
Architect—None.
Contractor—Miller-Hays Co.
Filed Dec. 31, 1923. Dated Dec. 26, 1923.
Payments not given.
TOTAL COST, $89,913
Bond, Forfeit, none; Limit, within 190 working days; Plans and specifications filed.

RESIDENCE, $5000; No. 1225 W-Popular St., Stockton; owner, R. L. Babar, 839 N-Harrison St., Stockton.
RESIDENCE, $2800; No. 1710 S-Stanislaus St., Stockton; owner, F. Lee.
RESIDENCE, $5000; No. 1209 W-North St., Stockton; owner, D. S. Matthews, 1340 N-Hunter St., Stockton
RESIDENCE, $4500; No. 1717 W-Park St., Stockton; owner, T. E. Williamson, 1218 Vernal Way, Stockton.

RESIDENCE, $4000; No. 1335 W-Lark St., Stockton; owner, J. B. McIneny
RESIDENCE, $3750; No. 543 N-Argonaut St., Stockton; owner, C. Elves Totton.
BRICK building, $24,000; No. 401 S-San Joaquin St., Stockton; owner, F. Alustiza.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Dec. 29, 1923—LOT 462 Burkett Gardens, Stockton. R R Fredenburg to whom it may concern. Dec. 27, 1923
Dec. 29, 1923—W 50 FT. LOT 75 Plat of McKinley Tct., Stockton. Frank Scott to whom it may concern.....Dec. 17, 1923
Jan. 8, 1924—LOTS 6 AND 8 BLK 21 Stockton. M. J. Drais to C. F. Anderson .....Jan. 7, 1924
Jan. 8, 1924—LOT 2 IN BLOCK 3 LA Bonita Park in City of Tracy. C. M. Seal to H. U. Atwood. Dec. 31, 1923
Jan. 10, 1924—NO LOCATION GIVEN Stockton. Abbie H Garwood, Hannah W Gray and Mrs. Cynthia A Gray to J F Hoerl.....Dec. 31, 1923

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Jan. 7, 1924—LOT 10 IN BLOCK 44 South of Mormon Channel, City or Stockton. O. A. Lindberg (Pioneer Wrecking & Lmbr. Co.) vs H. B. Munson $485.35

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING
LOT 93, Burlingame Terrace, Sacramento. All work for four-room dwelling and garage with cement floor and runways.
Owner—Miss Libbie Cummings, 711½ I St., Sacramento.
Architect—None.
Contractor—Paul R. Opdyke, 1017 7th Ave., Sacramento.
Filed Jan. 5, '24. Dated Jan. 4, '24.
TOTAL COST, $2650
Bond, limit. forfeit, plans and specifications, none.

DRIVING PILES
SACRAMENTO. Pulling old piles and driving 60 new piles at S. P. Co. steamer shed.
Owner—National Surety Co.
Architect—None.
Contractor—M. N. Elton and M. A. Elton (Jenkins & Elton), 3560 Y St., Sacramento.
Filed Jan. 3, '24. Dated Jan. 3, '24.
TOTAL COST, $1350

LOT 6 & E ¼ LOT 7 H-1-7-8, Sacramento. All work for building.
Owner—Walter W. Campbell (Campbell Constr. Co.), 3435 J, Sacramento.
Architect—None.
Contractor—John Rasmussen, 1917 59th Sacramento.
Filed Jan. 11, 1924. Dated Jan. 10, 1924. Payments not given.
TOTAL COST, $47,365
Bond, Forfeit, Limit, Plans and specifications, none.

RESIDENCE, 2-story 3 flat, and garage, $8500; 1009 V Sacramento; owner, R. L. Butler, 2117 10th, Sacramento; contractor, T. B. Hunt, 2926 S, Sacramento.
DWELLING, 1-story 6-room, and garage, $3600; 911 36th, Sacramento; owner, R. A. Morten, 2612 D, Sacramento.
DWELLING, 1-story 5-room and garage, 908 Mission Way, Sacramento; Owner, Walter W. Campbell, 3325 J, Sacramento; contractor Cap Const. Co., 601 Nicolaus Bldg., Sacramento.
DWELLING, 1-story 6-room, and garage, $7650; 2632 6th Ave., Sacramento; owner, J. C. Carly, 823 J, Sacramento; contractor, So. Curtis Oaks Co.
DWELLING, 2-story 5-room and garage; $6500; 1433 41st, Sacramento; owner, Gerald R. Johnson, 1914 22nd, Sacramento; contractor, F. Maloney.
DWELLING, 1-story 5-room, and garage, $4950; 2430 T, Sacto; owner, Alfred & Katherine Oldsfield, 922 23rd, Sacramento; contractor, F. Maloney.
DWELLING, 1-story 4-room and garage, $2650; 716 42nd, Sacramento; owner, Mrs. Cummings; contractor, P. R. Opdyke, 1009 7th Ave., Sacramento.
DWELLING, 1-story 6-room, and garage, $6000; 2932 26th, Sacramento; owner, Joe Burns 2720 Portola Way Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Jan. 9, 1924—FRONT ST., bet. I and K on 12-22-23, Fresno. Southern Pacific Co to Allyn L Burr.....Jan. 8, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Jan. 11, 1924—W ½ LOT 6, G, H, 30th and 31st Sts., Sacramento. Harry Johnson vs C O McMorry.....$110

LEGION HALL COMPLETED

Fred S. Harrison, Sacramento architect, announces the American Legion Hall building at Placerville has been accepted by the El Dorado County Supervisors. The structure was accepted January 10.

SEWER BONDS VOTED

Bonds of $1,600,000 to finance construction of an outfall sewer and intercepting mains carried at a recent election in Glendale, Calif. The vote was ten to one in favor of the issue. Burns & McDonnell Engineering Company of Los Angeles will proceed at once with the final plans. It is anticipated that bids for construction will be asked about March 15.

SEEK FINANCING PLAN FOR VIADUCT PROJECT

The City of Los Angeles, the County of Los Angeles, The Atchison, Topeka and Santa Fe Railway Company, the Los Angeles and Salt Lake Railroad Company, The Pacific Electric Railway Company, and the Los Angeles Railway Corporation have filed a joint application with the Railroad Commission asking the Commission to apportion between petitioners the cost of constructing six viaducts across the Los Angeles River at Macy, Aliso, First Fourth, Seventh and Ninth Streets. The City of Los Angeles has already voted bonds to pay its portion of the cost of these viaducts which are estimated to require $8,000,000 for their construction, to obtain relief from traffic hazards due to the crossing of steam railroad tracks on both sides of the Los Angeles River at these important arteries.

MORE JOBLESS IN STATE THIS WINTER IS REPORT

California, during December, 1923, had more jobless men and women than during the corresponding month a year before. This is according to employment statistics announced by Walter G. Mathewson, state labor commissioner.

In a statement dealing with the situation, Mathewson said:

"The present unemployment situation is not entirly attributed to seasonal variations in employment. Considering the last five years, which included persons of relative prosperity and depression, there is today somewhat more unemployment than is usual during this time of the year"

Jobs furnished by the eight state free employment offices last month totaled 11,435. The number of jobs furnished by the same office in December, 1923, was 13,754, a difference of 2,319 in favor of December, 1922.

In November, 1923, the free employment offices were able to furnish 15,243 jobs to unemployed workers, which was 3,808 more than in December, 1923.

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FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

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KOEHRING HEAVY DUTY

Remixes Concrete

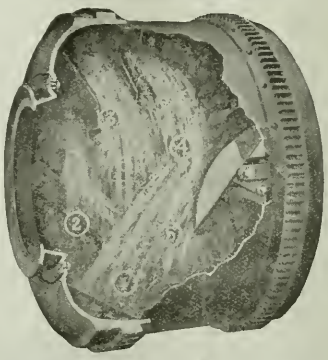
When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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GAIN SHOWN IN BUILDING IN 54 CITIES

The 54 leading cities of the Pacific coast experienced in 1923 an increase of 38 per cent in building activities over 1922, according to a survey made by S. W. Straus & Co. The grand total of building in these cities was $492,049,908.

The December grand total was $41,545,570, a 51 per cent increase over the December, 1922, total, and a 15 per cent gain over the November, 1923, total.

Utah showed the greatest relative annual gain of 53 per cent, while California, with 35 cities reporting, came second with a gain of 42 per cent. The Washington gain was 20 per cent. Oregon 17 per cent and Arizona 14 per cent.

Boise, Idaho, gained by 20 per cent, while Reno, Nev., reported a 19 per cent loss. Annual gains of the large cities were: Los Angeles, 56 per cent; San Francisco, 3 per cent; Portland, 11 per cent; Seattle, 16 per cent; Salt Lake, 34 per cent; Long Beach, 68 per cent, and San Diego, 21 per cent.

The year's total for Los Angeles, $200,133,181, is 40 per cent of the grand total from the 54 cities in the survey. California's total, $414,887, 500, is 84 per cent of the whole.

140,000,000 FEET IS ANNUAL U. S. LUMBER WASTE

There is an annual waste of 140,000,000 feet of lumber in the United States each year, because of the public's insistence on buying lumber cut to even lengths. This waste represents the average annual growth of over 2,000,000 acres, equal to one-half of the area of New Jersey.

Discovery of this enormous waste in building of houses, with its correspondingly higher costs to the conhumer was made by a special committee of the Consulting Committee on Lumber Standards This committee represented manufacturers, retailers and consumers.

Careful analysis was made by the special committe of 310 examples of house plans. This revealed that the consumer, although demanding even lengths, actually saws over 50 per cent of purchased joists into odd lengths. The pass upon which this deduction is based are divided into these five groups:

(1) Better class homes designed by architects; (2) ready cut houses; (3) builders' designs; (4) plan books and builders' plan service, and (5) high grade architects' plans.

Waste due to this cause is not confined to architects, the committee said, but builders are equally neglibible in failing to get the most out of their timbers.

Examination made of plans in the five different groups showed an average of 54.5 per cent of the joists used were odd lengths. In studs the waste due to even lengths is also large, but not as great as in joists.

In boards the odd lengths are not as useful with the standard spacing of 16 inches as the even lengths. The committee said there would be little use for odd length boards if joists were always spaced regularly, but openings were almost invariably placed so that a percentage of the odd lengths may be used for the same reason. Short lengths may be used to a large extent. The percentage of short lengths used in an average building is variable, but generally amounts to from 25 to 30 per cent, or more.

In larger farm structures where studding is placed two feet on centers there is no demand for odd lengths.

The committee, in view of these facts, recommended that manufacturers produce standard studs in lengths of 9 to 11 feet, in addition to the even sizes now produced. It was recommended that dimension lumber be produced in following lengths: 2x6, 9 and 11 feet; 2x8, 9, 11 and 13 feet; 2x10, 13 and 15 feet, in addition to the lengths now on the market.

STONE IN CANADA IN 1922

During 1922 the production of stone from quarries in Canada had a total value of $5,989,864, a decrease of 10 per cent from 1921. Rough dressed granite, marble, limestone and sandstone used for building, monumental and ornamental purposes was valued at $1,420,647. The provinces of Quebec and Ontario were the largest producers, the former with a total of $2,351,316 and the later with $2,969,926.

STATISTICS ON SIX YEAR ROAD BUILDING PROGRAM COMPILED

Statistics from Engineering News-Record (New York) covering awards of $25,000 and over for street and road contracts show that this work has been fairly active in all parts of the country for the past six years. The chart covering the entire United States for the years 1922 and 1923 shows them following the same general trend. The three peaks for the year 1923 coming in March, July and September are due to the work done in three sections: West of the Mississippi, the Middle Atpended in those peak months in these lantic and Middle West. The money exsections was $12,860,000, $12,202,000 and $9,962,000, respectively.

During 1922 there were 2267 awards with a total value of 334,694,000 and an average of $147,600, compared with 1923 with 2351 projects totaling $361,837,000 and averaging $153,900.

The trend of work on streets and roads may be seen by the tabulation of the totals for the last six years compared with 1913. The actual physical volume in terms of 1913 cost is given in the last column. It is obtained by applying the E. N.-R. Construction Cost Index Number

Yearly totals, monthly averages and actual volume are as follows:

	Value		
Year	Total	Monthly Average	Actual Vol.
1913.....	$ 48,471,000	$ 4,039,250	100
1918.....	73,793,513	6,149,459	81
1919.....	225,654,995	18,864,584	235
1920.....	265,423,491	22,118,624	218
1921.....	315,351,427	25,445,952	311
1922.....	334,694,000	27,891,116	397
1923.....	361,837,000	30,153,083	349

The situation in the various geographic sections for the last two years is covered by the following data:

	No.	Value
1922—		
Middle Atlantic.....	434	72,961,000
Southern	294	73,944,000
Middle West	490	76,136,000
West of Mississippi	623	63,614,000
Far West	346	37,466,000
Total	2267	$334,694,000
1923—		
New England	70	$9,691,000
Middle Atlantic.....	334	61,323,000
Southern	322	76,118,000
Middle West	480	83,810,000
West of Mississippi	757	89,717,000
Far West	388	41,178,000
Total	2351	$361,837,000

The year 1924 already has to its credit $6,244,000 of awarded contracts. The proposed work not yet to the stage when bids are asked totals $24,180,000 of which $7,804,463 consist of bonds which have been voted and federal aid.

INCREASED LUMBER SALES

Increase in sales of Pacific northwest lumber in the farming states of the central west this year was predicted by Charles Donnelly of St. Paul, president of the Northern Pacific Railway, who is on an inspection trip.

Donnelly will visit all the larger Pacific northwest cities on the lines of the Northern Pacific and plans to attend the Interstate Commerce Commission hearing on terminal rate application of the transcontinental railroads scheduled to be held at Portland January 23.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

The first steps to build the $15,000,000 Pine Flat storage reservoir and powerhouse east of Piedra were unanimosuly endorsed by representatives of 24 irrigation and canal companies along the Kings River at Selma, Fresno county, Jan. 16. The reservoir when completed will utilize flood waters of Kings river to irrigate 1,000,000 acres. Construction will probably be undertaken within two years.

A friendly suit is being prepared by the City of Oakland against the county of Alameda to determine the legality of the city assisting the county in the payment of costs to pave East Fourteenth street from Fiftieth avenue to the San Leandro city limits. W. W. Harmon, Oakland city engineer, estimates the cost at $550,000 of which the county is asked to pay $200,000.

Following a three year period of inactivity, the magnesite mine at Cazadero, Sonoma county, is to be reopened E. B. Thornhill, chief engineer for the Spreckels Brothers of San Diego. New machinery will be installed. The entire output will be used in the manufacture of a new wall board and roofing preparation, it is said.

Fresno County Chamber of Commerce has appointed a committee to make a survey of highways with a view to continuing the construction of the county road system. Chris P. Jensen, Fresno County Surveyor and Wm. Stranahan, city engineer of Fresno, are members of the committee.

Leonard Jones of Los Angeles has purchased a large tract of land in the Weed Patch-Arvin district, near Bakersfield and plans to expend $250,000 to install a water supply system and other improvements. The land will be colonized by Southern Californians who desire to enter the farming industry in the kern county section.

The fifth floor of the Oakland city hall will be remodeled so that all building permits activities will function on one floor of the structure and not on three as at present. The plumbing, electrical, fire prevention, building permit and license departments will be located on the fifth floor in future.

Henry Rogers, of San Antonio, Texas is seeking a site in the Imperial Valley on which he proposes to locate a cotton mill. With equipment, the plant will represent an expenditure of $2,500,000.

Pan-American Petroleum Co. of Los Angeles plans to construct between 120 and 150 miles of main trunk pipe line in the Kern county district. The work will be done this year.

The city trustees of Venice, Calif., have granted permission to Charles Lick to rebuild the Lick Pier at Ocean Park, recently destroyed by fire. The cost is estimated at $1,000,000.

Ben Ali Temple of the Mystic Shrine, Sacramento, has voted to purchase site at 14th and L streets, Sacramento, on which it will erect a $500,000 Masonic temple.

The Colorado State Land Board has completed negotiations whereby 6000 acres of land in La Plata county, in the southwestern corner of the State, on the Fort Lewis Indian school reservation, will be leased to the Pacific Steel Corporation of Los Angeles, San Francisco and Seattle. The corporation is given authority to prospect in the area for possible deposits of coal. The lease is for 30 years and the State is to receive 10 to 15 cents a ton royalty on all coal that may be mined in the tract.

Northwest Magnesite Co., Chewelah, Wash., on Feb. 1, will take over all the property of the American Mineral Production Company at Valley, Wash., for a consideration of aproximately $1,000,000. The anonuncement is made by C. R. Moore, general manager of the latter concern. A six-mile railroad is included in the purchase.

The County Institutions Committee has recommended to the Alameda county supervisors a bond issue for $1,000,000 to complete the Highland county hsopital project, rather than proceed with an annual appropriation of $300,000 secured through direct tax. Acting on the recommendation, the supervisors instructed County Architect Henry H. Meyers to prepare estimates of cost to complete the structure.

Geo. D. Rose, Dubuque, Iowa, was elected president of the Northwestern Lumbermen's Association, at the annual convention held in Minneapolis, Minn. Directors elected included Warren Richardson, Clarinda, Ia.; F. J. Ward, Clinton, Ia., and Mont Stockley, Ia. The convention adopted a resolution endorsingthe Mellon plan for tax reduction.

Alleging that Abraham L. Convisser, proprietor of the California Plate Glass Co., 1471 Eddy street, San Francisco, is trying to defraud them out of money due, his creditors have started action in the Federal Court to have him declared bankrupt. It is alleged that he owes nearly $25,000; that he has disappeared, and that prior to his departure from the city he was selling goods at very low prices in order to raise cash quickly.

Marysville is wet—but not due to rain. J. W. Watson, who paid a $300 fine in the police court recently for bootlegging, and who is charged in the superior court with a violation of the Wright Act, has been elected a member of the city council after a campaign in which the opposition between the prohibitionists and anti-prohibitionists was a distinct issue.

Bernhardt Building Co., capitalized at $25,000, has been incorporated in San Francisco. Directors are: H. B. Bernhardt, W. T. Petersen and E. A Blake.

Senator McNary of Oregon has introduced a bill seeking $500,000 appropriation to finance erection of veterans' hospital at Portland, Ore.

W. W. Coleman, engineer with the Nevada State Highway Commission, was killed in an auto accident near Sparks, January 22.

ALONG THE LINE

Frank Robinson, former city engineer of Chico, proposes to file suit against the Chico city trustees for reimbursement to the amount of approximately $1,000, alleged due for incidental expenses and work performed in connection with a $150,000 paving contract which was, after being signed by the city trustees, declared invalid by the Butte county superior court.

Frank C. Wright has succeeded E. J. Mehren as editor of Engineering News-Record. Mr. Mehren has been made vice-president of the McGraw-Hill Co., Inc., and will have the executive management of the engineering unit of the company's publications, comprising Engineering News-Record, Engineering & Mining Journal Press, Coal Age and Chemical & Metallurgical Engineering.

R. S. Badger of the California Highway Commission has been transferred from Bishop, Inyo county, to the headquarters of the commission at Sacramento, where he assumes the duties of assistant to Maintenance Engineer A. J. Wagner.

J. Moss Ruthrauff has been appointed county engineer of Pima county, Ariz., to succeed Nelson Davenport, resigned. Ruthrauff was formerly city engineer of Tucson, having served three trems in that position.

B. F. Jakobsen, consulting engineer, has moved from Fresno to San Francisco, where he has entered into partnership with the firm of Duncanson Harrelson Co., contractors with offices in the Chronicle Bldg.

Daniel G. Fraser has been re-appointed a commisioner of the San Francisco Department of Public Works. The appointment automatically reinstates Timothy Reardon, president of the department.

Geo. Duborg, one of the seven students recently graduated from the University of Nevada has left for Boston to enter the employ of Stone & Webster, construction engineers and contractors.

J. R. Meskimons, recently a resident engineer on state highway work in Mariposa county has been transferred to the main offices of the state highway commission in Sacramento.

Masten and Hurd, architects, announce the removal of their offices from 168 Sutter street to 278 Post street, San Francisco.

City of Bakersfield plans purchase of the Electric Water Company's plant to operate as a municipal project. Purchase price has been set at $650,000.

Ed Dietrich has been appointed city engineer of Tucson, Ariz., to succeed D. H. Atchley, resigned.

B. Hedstrom, architect, has opened offices at 215 Market street, San Francisco.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

SIX HUNDRED AND FIVE PERSONS ATTEND BUILDERS' JINKS

The annual New Year jinks of the San Francisco Builders' Exchange held Saturday evening, January 19 in the exchange quarters proved a huge success. Six hundred and five tickets were accepted at the door. The quarters proved inadequate to seat the entire audience and only standing room was available shortly after the program was started.

The feature of the evening was a cake walk contest staged under the personal direction of Al Pape, chairman of the committee on arrangements, who donated two handsome silver trophies for the winners of the event. Mac McGowan of the Art Tile Company, Al White of the Builders' Exchange Cigar Stand, Charlie Oliva of the Pacific Portland Cement Company, Brown of the Mission Concrete Company and Steve I. Guerin were entrants in the contest. The honors were carried away by Al White and his partner who proved excellent steppers.

Following this event eight fast rounds of boxing were enjoyed. This was followed by the Dickey Mastertile Contest motion pictures taken at Capitola, in addition to a two-reel film featuring "Convict No. 13".

Two hundred and fifteen gate prizes were distributed ranging from a cuspidor to a sack of cement and from a toilet ball to a car load of gravel. Many cash prizes were awarded, the largest of these being $20 donated by the Cowell Lime and Cement Company.

Following the entertainment program the builders enjoyed refreshments and smokes furnished by the committee and the jinks lasted into the early hours of the morning.

All in all, the jinks proved one of the occasions which caused the exchange to be packed to doors.

E. T. THURSTON LEAVES TO ATTEND CONTRACTORS MEETING

E. T. Thurston, Secretary of the General Contractors of San Francisco, has left for Chicago to attend the annual convention of the Associated General Contractors of America which will be held in that city January 21st. to 24th. Standard contract forms, labor supply, insurance, construction bonds, standardization of equipment, ethics, quantity surveys and industrial safety will be subjects of discussion. Mr. Thurston will return by the way of Spokane, Washington, where he will stop over to attend the Annual Convention of the Pacific Northwest Branch of the Associated General Contractors of America to be held February 1st and 2nd.

RICHMOND BUILDERS BANQUET

Preceded by a short business meeting the Contra Costa County Builders' Exchange held its regular monthly dinner in the exchange quarters, on Twelfth street, Richmond, January 18.

Karl Perkins, secretary of the Stockton Builders' Exchange, was the principal speaker and outlined the growth of the exchange in San Joaquin county and its accomplishments during the year 1923.

An interesting program of entertainment was provided by H. J. Capion, chairman of the entertainment committee.

S. F. INDUSTRIAL ASSOCIATION ELECTS DIRECTORS

The Industrial Association of San Francisco has elected the following new directors: G. A. Applegarth, former President S. F. Chapter American Institute of Architects; R. W. Kinney, President R. W. Kinney Company; A. J. Kleinmeyer, Vice-President Pierce Arrow Pacific Sales Co.; J. W. Mason, President Western Pipe and Steel Co.; J. R. McDonald, Vice-President Retail Merchants Assn; Henry Morris, President Holbrook, Merrill & Stetson; George Wagner, former President General Contractors of S. F., Michel D. Weill, Vice-President Raphael Weill & Company. At the Board of Directors' meeting on January 8th, the following officers were elected to serve throughout 1924:

President—Frances J. Baker, President George H. Tay Company.

1st Vice-President—Otis R. Johnson, Vice-President Union Lumber Co.

2nd Vice-President—B. R. Funsten, Vice-President Walton N. Moors Dry Goods Co.

3rd Vice-President—Walter Haas, Vice-President Levi Strauss & Co.

4th Vive-President—Walter G. Hyman, President Pacific Box Co.

Secretary—D. Lyle Ghirardelli, President D. Ghirardelli Co.

Treasurer—S. S. Kaufman, President H. S. Crocker Co.

BUILDING OWNERS TO MEET

Office building owners and managers from Pacific Coast cities will attend the meeting of the second Pacific Coast Conference of Building Owners and Managers, scheduled to take place at the Fairmont Hotel, San Francisco, February 8-9. Arrangements are in charge of the San Francisco section of the association of which Rae T. Smith of the Crocker Estate Company is president.

When the conference convenes there will probably be represented a larger amount of invested capital than by any gathering held in San Francisco in many months.

Several local men are on the program, including A. B. Christensen, manager of the California Commercial Union Building; F. C. Dutton, manager of the Insurance Exchange Building; E. Clarence Holmes, owner of the Foxcroft Building; Walter E. Huber, C. E. and Thomas McCaughern of the Pacific Coast Board of Fire Underwriters

ENGINEERS MEET

Road problems affecting various sections of the State were discussed in Sacramento at a conference of division engineers of the State Highway Commission, January 22. Following the conference the engineers were the guests of the commission at a dinner held in the Sutter Club. Those in attendance included: Robert M. Morton, state highway engineer; T. E. Stanton, assistant highway engineer; T. A. Bedford, Willits; H. S. Comly, Dunsmuir; George R. Winslow, Sacramento; J. H. Skeggs, San Francisco; L. H. Gibson, San Luis Obispo; J. B. Woodson, Fresno; S. V. Cortelyou, Los Angeles; E. Q. Sullivan, San Bernardino; F. G. Sommer, Bishop, and J. C. McLeon, Sacramento.

LONG BEACH EXCHANGE ISSUES NEAT PUBLICATION

The January issue of "Builders' Exchange Topics," the official publication of the Long Beach Builders' Exchange is being circulated. The magazine contains sixteen pages in addition to its cover and is brim full of live news affecting the building business in the southern section. The amount of advertising the publication carries, establishes the fact that the Long Beach builders believe in 100% co-operation. In addition to its news section the publication contains a price list of building materials and a classified list of the members of the exchange.

The magazine is issued in the interests of the exchange under the direction of its officers and executive board. Officers of the exchange are: W. E. Allen, president; Chas. A Reed, vice-president; Harold E Ketchum, secretary; Geo. A. Bowman, treasurer; S. L. Ford, Horace W. Green and Geo. M. LaShell, directors. Karl L. Ludwick is manager. Exchange quarters are maintained at 814 American Ave., Long Beach.

TO ENTERTAIN BRICKMAKERS

En route to the Common Brick Manufacturers' Association convention to be held in Los Angeles next month, 300 members of the organization with their wives and families will stop over for two days in Ean Francisco, February 8, it is announced by W. W. Dennis, vice-president of the association. While in San Francisco the party will be taken on the 30-mile drive about the city and vicinity and will be tendered a banquet at the Palace Hotel.

LUMBERMEN ELECT

San Joaquin Valley Lumbermen's Club, at a recent meeting in Fresno, re-elected all officers as follows: J. C. Ferger, Pres.; Elmore King, Bakersfield, vice president; Frank F. Minard, secretary, and J. G. Martin, treasurer.

Rail transportation of all members, active and associate, who attend the annual meeting of the Western Lumbermen's Association in Los Angeles, February 18th to 23rd, will be paid by the club it was decided at a recent meeting.

"OPEN SHOP" AT VANCOUVER

After a two months' strike among the waterfront workers in Vancouver, the result has come on a definitely settled open shop basis. The Seattle open shop has been so great as success to both the employer and the employee that it is to be hoped that this will work out in the same manner. The present employees of the shipping companies have formed an association for collective bargaining, the men now employed being given the preference, but the strikers will be admitted as there are vacancies.

The longshoremen's union struck for uniformity among the foremen and checkers employed, all to be members of the union and selected by them.

Bolcom-Canal Lumber Co., Seattle, has been awarded a contract by City of Denver to furnish 3,500,000 feet of No. 1 clear grade Douglas fir lumber to be manufactured into pipe staves for Denver water system.

Highway Beauty—Kentucky Pikes Cited as Best American Example

Roadside planting should be a part of the general character of the landscape so that the roads themselves do not appear as a definite line apart from the rest of the landscape, but a means to an end that is in sympathy with its surroundings. The highways are the points from which the traveler sees and enjoys the surrounding country. It is therefore, of importance that the roadside planting does not shut out adjacent lands. Out on the plains, the open country and the freedom of it is a real charm and inspiration. Even roadsides lined with rows of trees in the Avenue fashion would be a mistake. This not only would change the broad expanse of prairie country, but would tend to checkerboard the prairie landscape. The same idea may hold good in mountainous countries where the valley is the object of beauty.

Scattered trees planted promiscuously along the highway, as one sees them in the forest, are more in keeping with our landscape and with the American mind than stately avenues of monarchies. It is rather lanes that we want, or "pikes", as they are called in the South, where trees seem to enjoy the roadside and each others company. There is nothing stiff or set about it. A lane or a pike is tolerant even to the shy but sweet violet that may be permitted to scatter its perfume along the highway. I have seen pikes in Kentucky that come as nearly to what I consider a beautiful American highway than anything I know of.

Jens Jensen, one of America's leading landscape architects, the man who has had most to do with the development of Chicago's wonderful park system since 1890, was responsible for the beautification of the Ideal Section of the Lincoln Highway. He is a pioneer in roadside beautification in America.—Editor.

They are serviceable, beautiful and cool on hot summer days. Native plants of all sorts find a happy home along these roadsides and give their beauty and their wonderful message to the passerby, and in them nest our birds that thrill us with their songs.

We want this expression of freedom along the open road. We want shadows and we want sunlight. We want the comfort of shady lanes and we want the beautiful outlooks over the surrounding country. I have passed over prairie roads with nothing but wavy plains in green and brown before me, and way off in the horizon the purple riches on the crest of a prairie wave. Those are inspiring things and they stimulate a love for our native land.

All roadside planting should be determined and based on the country and its native vegetation through which the road winds its way. In this way the roadside planting will become a part of the general landscape and enhance the beauty of its surrounding as far as this is possible for a highway to do. For instance, swamp or lowland landscapes are of a widely different character than prairie or hilly country and the vegetation fitting for these different types of landscapes are equally as different.

Never have I seen a white oak prettier and the landscape nobler by the oak being a part of it, than on one beautiful May day in Missouri with the oak crowned with golden tassels against the blue sky. It is just one instance where the oak or any other tree will bring out its greatest beauty in a fitting situation. Every plant has its proper place in the out-of-doors. To find this place is worth while because here it reveals its greatest beauty and gives us joy in the fullest measure. Trees adopted to their environs may grow to great age and nobility and in this way highway planting will become a most important task in the making of our rural landscapes. This points to another important matter—the designing and supervision of the work. It is a matter of great importance, a matter that requires great knowledge of plant life at well as the vision of the artist.

Roadside planting, the development of state reservations, and rural parks are equal in importance to city planning and are far greater in scope and vision than the latter. A period of great cultural advancement is always measured by the vision and the outlook for the future. Roadside planting belongs to such a period. It is pioneer work with us, but it is a part of a very important part of a great cultural movement of our people.

FACTS ON PAINTING IRON AND STEEL SURFACES

Facts regarding the painting of iron and steel of value to builders and contractors have been developed by a committee of the American Society of Testing from an elaborate series of field tests. The following important points have been developed:

1. The thorough methods of preparation, i.e., sand blasting and picking, show no superiority over ordinary methods of removing loose scale, rust and dirt by scraping, brushing and wiping. This applies to both new steel and old steel which has been in service.

2. Weathering to permit loosening and partial removing of mill scale before painting is inimical to preservation.

3. Painting in a cold, dry atmosphere gives results as good as in warm, dry atmosphere, or on heated steel. (This may be due to the greater thickness of coating applied in the cold atmosphere).

4. The preparation of old painted steel surfaces which have bare rusted spots, by brush coating with benzine over and around the rust spots, burning the benzine off and then scraping and wire brushing, gives better results than scraping and wire brushing without the benzine treatment, and better results than sand blasting.

5. There is no difference observable in the results of the application of the same methods to old and to new steel.

FRESNO PLANS IMPROVEMENTS VIA BOND ISSUE

The city commissioners of Fresno are planning extensive improvements to be undertaken during the current year, providing favorable consideration is given by the voters to a bond issue which will be submitted shortly.

The issue will provide $1,500,000 to purchase lands and lay out a civic center; $125,000 to finance installation of a police telegraph system and fire alarm extension; $75,000 for a municipal pool; $15,000 to bridge Dry Creek; $50,000 for Monterey street subway; $135,000 to purchase lands and lay out nine new parks; $9,500 for Roeding Park lighting system; $225,000 for a storm sewer system; $37,500 to erect 3 playground community houses; $30,000 for three playground swimming pools and $50,000 to lay out two automobile parks.

TIMBER SALE

U. S. District Forester, Ferry Bldg., San Francisco, will consider bids February 20 for the purchase of approximately 2700 acres of timber in the Tahoe National Forest, California, estimated to be 29,000,000 feet B. M., of Jeffrey pine, white fir and incense cedar timber. Bids may be submitted either for the entire area or a portion, as designed by the district forester. No bid of less than $2.50 per M feet for Jeffrey pine; $1 per M feet for white fir and $1.50 per M feet for incense cedar will be considered.

1923 ELECTRIC LAMP OUTPUT

Three hundred and forty-one million electric lamps, or nearly 1,000,000 a day, have been made in the United States during 1923, establishing a new high record for the industry, says the New York State Committee on Public Utility Information. This is 36,000,000 more than were made in 1922, and 6,000,000 more than were made in 1920, the previous record year.

Of the 341,000,000 lamps manufactured last year, only 1,000,000 were of the carbon filament type, the rest being tungsten-filament lamps of various sizes. One hundred million were miniature lamps for use in automobile headlights electric torches and on Christmas trees.

LUMBER SHIPMENT RATE CUT IS PROMISED

As a result of complaint by Klamath Indian reservation (Oregon), officials and lumbermen, a rate of $2.25 on logs and lumber from the Sprague River to Klamath Falls will be given by the Oregon-California & Eastern Railway, generally, known os the Strahorn line, providing the government sells enough reservation timber for logging purposes to yield the railway shipments of 20,000,000 feet annually. The present rate is $2.75.

J. A. Hewarth, reservation official, who goes to Washington in the near future to attend a forestry conference, will propose to the Indian department that sufficient timber units be marketed to make the lower rate possible.

Newspaper Ass'n Membership, No. 6424

A statistical summary of the various values possible to obtain today by the expenditure of a dollar as compared with ten years ago has been made by the National Automobile Chamber of Commerce. This chart shows an increase in value for both cars and tires. as opposed to a great decrease in value of such commodities as clothing, shoes. food, furniture, and house furnishings, building, crops, and live stock, and such intangibles as the cost of living and rents.

According to this summary, a dollar in 1913 purchased a dollor's worth of motor car; in 1923 it purchased $1.11 worth of motor car, whereas the dollar which bought a dollar's worth of food in 1913, today buys 68.5 cents worth of food.

A dollar's worth of tires in 1913 cost a dollar. For the same dollar in 1923 one buys $1.23 worth of tires, whereas the dollar one spent for clothes in 1913 will but today but 51.8 cents worth of suit or overcoat.

It is not a matter of argument that one of the great factors which have raised the relative value of motors per dollar expended, is the large increase in good highways. These have been a predetermining cause in the purchase of a large amount of motor vehicles, and it is quantity production which has lowered the cost or increased the value, as you please, of the 1913 "dollar unit" of value.

The statistics are based on reports from such authorities as the National Industrial Conference Board, the U. S. Bureau of Labor Statistics, the Cleveland Trust Company, the Department of Agriculture, and the Federal Reserve Board.

Better city streets have taught vehicle users to demand better suburban roads. The requirements for the country road are not as drastic as for the street in the municipality, but they are much closer than they were ten or fifteen years ago.

For fast moving traffic city pavement must be smooth, not only to permit the rapid and comfortable movement of vehicles but to conserve fuel and tires. A slight saving in the operating cost per vehicle reaches a large aggregate when the vast number of motor cars is considered which justifies a considerable outlay to obtain smoothness.

This factor gets bigger every year, in county road specifications.

Impact attracts the attention of engineers to an increasing degree A wheel with a drop of 1 inch in motion delivers a blow equivalent to six times the dead weight City engineers, therefore, attach increasing importance to the resiliency of pavements to take up the shock of impact.

County road engineers build more flexibly every year.

It is now almost impossible to close an important street to traffic for any time. The engineer must, therefore, select his type with ready repairs in mind. Even when possible to detour traffic the cost in extra fuel over a comparatively short space of time add enormously to the cost of the pavement.

Quick repairability is now much considered in county-road design.

Cost of Building and Living Costs Compared in Labor Review

The January Monthly Labor Review contains an interesting comparison of the trend in Wholesale Prices of Building Materials, of Building Wages, and of Cost of Living, year by year 1913 down to 1923. The comparison is made by index numbers (percentages) in which 1913 is taken for the base, 100.

In the Winter of 1914-15 following the outbreak of the World War, the wholesale price of building material as a composite group in the United States dropped to an index of 88, as compared with 100 the average for 1913. The average index for 1915 was 94; the index advanced to 120 in 1916; 157 in 1917; and 172 in 1918. In the Summer of 1919 the big boom started and continued until the peak of building material was reached in April, 1920, when the index for the group as a whole was 300, meaning that wholesale prices of building material as a composite group was three times the 1913 average price. Lumber alone went even higher, reaching an index of 373 in March, 1920. Then came the steep and rapid slump until in August and September, 1921 the index of building material prices was down to 156. The 1921 average was 165; that for 1922 was 168. The index then went up to 202 in May, 1923, but fell back to 182 in September.

Building Trades Wage Rates are available as of May each year, starting with 1913 as 100 the index for building wage rates was 102 in 1914; 103 in 1915; 106 in 1916; 113 in 1917; 126 in 1918; 145 in 1919; with a jump to 197 in 1920, and 200 in 1921. In 1922 the wage index received to 187, but in 1923 it reached 207; in other words, wage rates had more than doubled in comparison with 1913.

In the earlier years Cost of Living data are available only as of December, but later semi-annually and quarterly. Taking 1913 as 100, family cost of living increased to an index of 103 in December, 1914; to 105.1 in December, 1915; to 118.3 in December, 1916; to 142.4 in 1917; to 174.4 in 1918; to 177.3 in June, 1919 and 199.3 in December of that year. The peak was 216.5 in June, 1920. In other words, in that month Cost of Living was 2 1/6 times the level of 1913. In June, 1922 the index of cost of living had fallen to 166.6 but by September, 1923 it was up to 172.1.

Tracing the movement through the period 1913 down to and including 1920, it is seen that Wages did not keep up with Cost of Living, nor with Building Material after 1915. In the three years since 1920, Wages have held above Material prices and Cost of Living, and building mechanics have had some chance to make up for the adverse conditions in the earlier years.

In June, 1923 Building Material Wholesale Prices stood at an index of 194 with Lumber and Brick, however, at 212 and 216 respectively, the difference between the index numbers for these two items and for the group as a whole being due to the greater decrease in the price of other items within the group. In the same month, June, 1923, Cost of Living stood at an index of 169.7 and at practically the same date, May, Building Wages had an index of 207, with bricklayers and carpenters at 191 and 204 respectively.

PROPOSED PLUMBING ORDINANCE FOR RENO KILLED

The proposed plumbing ordinance for Reno, Nevada, designed to place further restrictions on plumbing and plumbers, met a sad fate when the Reno city council decided not to consider it. The labor committee of the council submitted majority and minority reports on the measure, the council accepting the majority report which declared that "we fail to find sufficient merit to justify any change from the present regulations."

The original plumbing ordinance, now in effect,

The proposed ordinance provided that persons doing the work of actual plumbing shall first pass an examination to be conducted by a board of plumbing examiners created by the act. The board was to consist of the health officer of the city, the plumbing inspector, one master plumber and one journeyman plumber. The ordinance also vested in the plumbing inspector authority to order a re-examination of any master or journeyman plumber in the event that it should appear from their work that they lack the ability or training to do it in accordance with the letter and spirit of the ordinance. It provided further upon the payment of the fees upon application for examination.

BUILDING EXPENDITURES IN 1923 ESTIMATED

Well over $3,998,000,000 has been spent in construction over the country during 1923, according to Architecture, published in New York. Of this amount the architects controlled the planning and designing of approximately $2,876,000,000 worth of construction.

During 1923 about $1,800,000,000 was expended for building materials and equipment. Building labor received over $2,200,000,000 in wages during the year.

Listed below are the amounts placed in different building materials and equipment over the country during 1923. These estimates are necessarily approximate, but they give you an amount by which the expenditures for materials can reasonably be judged. The estimate includes the cost of the material and the cost of putting it into place. In business buildings approximately $73,721,000 was placed in masonry; $83,066,100 in steel material; $6,749,000 in steel erection; $34,264,800 in foundations; $41,013,900 in elevators; $36,898,900 in carpentry; $38,418,000 in ornamental iron work; $32,707,300 in heating and ventilating; $20,766,500 in fireproofing; $21,804,800 in engines and generators; $15,574,900 in plumbing and drainage; $19,728,200 in electric wiring; $16,613,200 in terra cotta; $53,473,800 in glazing, hardware, roofing, painting, lighting, etc., and $25,958,000 in architects' and engineers' fees.

In residential buildings, including hotels, approximateily: $34,642,600 was placed in electric-lighting fixtures; $173,213,000 in the entire plumbing equipment. and $17,322,000 in finish hardware.

TRADE NOTES

M. A. Burns, of the Burns Manufacturing Company, has purchased 1000 acres of redwood timber on Howe Creek in Humboldt county, an area of millable lumber formerly known as the Wright-Blodgett Company's tract, situated about seven miles from Fortuna. The purchase price is said to be $364,000. Burns operates the Newburg mill near Fortuna and the timber will be brought out and crossed to the N. W. P. railroad near Metropolitan.

G. L. Wendling Co., of Reno, Nevada, has been incorporated with a capital stock of $100,000 and will engage in the sale of lumber. Directors are: Geo. S. Brown, John S. Belford, S. W. Belford, W. M. Kennedy and Ethel M. Rae, all of Reno.

The business of the Ornamental Glass Works at 1145-47 S. San Pedro St., Los Angeles, which was conducted by the late George R. Scheff, has been taken over by Joe Gottlieb, who will continue the business at the same location.

S. E. Barr, heavy hardwood operator of New York, has opened an office in Los Angeles with S. L. Belknap in charge. Belknap is from New Orleans.

Direct factory branches and warehouses of the Chain Belt Company of Milwaukee, Wisconsin, similar to those in Los Angeles and San Francisco, have been established in Portland, Spokane and Seattle, where a complete warehouse stock is maintained, and which will enable the company to assure complete service to Pacific Northwest trade.

California Shade Cloth Co. will shortly commence the erection of a $16,000 addition to its plant at 1710 San Bruno Avenue, San Francisco.

R. A. Macon, representing the Anacortes Lumber and Box Company, has opened offices at 112 Market Street, San Francisco.

Pawling & Harnischfeger Company, Milwaukee, Wis., manufacturers of excavators, cranes and machine tools, have appointed Sidney Newell, with offices at 3203 L. C. Smith Bldg., Seattle, as representative in that territory.

Concrete Pavement Construction Shows Large Gain During 1923

Nineteen twenty-three was a year of tremendous construction activity. Though the building industry was unusually active and required the services of labor and transportation facilities in greater measure than in recent years, the volume of concrete pavement built during the year marks an outstanding accomplishment in the history of highway improvement.

Approximately 74,000,000 square yards of concrete pavement were completed and opened to traffic during the past construction season. Of this amount, 62,000,000 square yards—the equivalent of almost 5,900 miles of concrete road 18 feet wide—were added to the nation's permanent highway system. The balance—22,000,000 square yards—was placed on city streets and alleys.

The yardage of concrete pavement placed both on the country highways and on city streets and alleys is greater than in any previous year. In 1911, the previous record year with its ideal construction conditions, approximately 63,000,000 square yards, or 84 per cent of the 1923 yardage, were constructed, including street and alley work of this type. The concrete pavement completed in 1922, despite the unfavorable conditions that year, was very nearly equal in amount to that placed in 1921.

Of special significance is the rapid increase in the yardage of concrete pavements placed within city limits. The 22,000,000 square yards of concrete pavement placed in American cities during 1923 is double the amount laid in 1921, and surpasses the 1922 yardage of 5,000,000 square yards. It is an indication of the rapidly growing esteem in which this type of pavement is held for street improvement.

The 1923 construction season opened a little later than usual, with approximately 36,000,000 square yards of concrete pavement awards carried over as uncompleted 1922 contracts. During the year (to November 1, 1923), nearly 70,000,000 square yards of additional work was awarded, leaving approximately 32,000,000 square yards of 1923 awards to be completed during the coming season.

The construction of 74,000,000 square yards of concrete pavement in a single short season, crowded as it was with construction work of other kinds, is an accomplishment of tremendous magnitude. That a comparatively new construction industry, developed within only a few years, was able to accomplish work of such proportions, represents an achievement of which America road builders may well be proud. And not only has the volume of work accomplished increased rapidly, but each year sees a better quality of work. The American pavement contractor not only has bent every effort toward the completion of his contracts, but he has co-operated wholeheartedly in the effort to secure a better concrete pavement than has ever been built before.

Perhaps the greatest forward step in the design of concrete pavements has come with the almost general adoption of the Maricopa type. This design, first used extensively in Maricopa County, Arizona, and vindicated so completely in the Pittsburgh Test Road and in the Bates Experimental Road tests, is now rapidly being adopted with some modifications by highway departments in every section of the nation. The widespread acceptance of this type may properly be set down as a definite achievement for 1923.

Another development of note during the past season is the increased mileage of single track concrete pavement placed on the lighter traveled highways. During 1923, many communities availed themselves of the opportunity to build enduring highways of concrete on one side of the subgrade on their less important roads at cost not in excess of that for full width highways of inferior types. Thus they have made a definite, worth-while start toward the construction of a comprehensive highway system for their community.

In considering the accomplishments of individual states, the work completed by New York, Pennsylvania, North Carolina, Ohio, Indiana, Michigan, Wisconsin and California, stands as an indication of the progressive highway policies of these states. But the outstanding accomplishment of the year is the construction of 1,000 miles of concrete highway in a single season by the state of Illinois.

MAPLE FLOORING BODY TO APPEAL CASE

Manufacturers of maple, birch and beach flooring, who are members of the Maple Flooring Manufacturers' Association, have filed an appeal to the United States Supreme Court to prevent dissolution of the association under the Sherman act as an unlawful combination in restraint of trade. This follows a decree granted the government by District Judge C. W. Sessions in the United States District Court in Grand Rapids, Michigan, on December 9, 1923, dissolving the association.

The defendant firms have received permission from Judge Sessions to take an appeal directly to the Supreme Court, and also obtained a ruling from the court that the terms of the dissolution decree be held in abeyance, pending the appeal, until January 1, 1925, or until the appeal is passed on, if such is done prior to that date. An appeal bond of $10,000 has been filed, and an extension of time until April 15 has been secured to give the association time to prepare and file a complete transcript of the case in Washington.

ENTIRE COUNTRY EXPERIENCING BUILDING BOOM

Unprecedented winter building throughout the whole country is indicated by statistics made public by S. W. Strauss & Co. in a statement in which they say:

In December there was a gain of 18 per cent over the same month in 1922. In November the gain was 30 per cent and in October the increase was substantially the same. It must be borne in mind that these comparisions are made against the greatest previous building year in the history of a nation. With an average gain during the last three months of the year of 25 per cent there is every reason to believe that at least the early weeks of 1924 will show a greater volume of building than during any previous mid-winter.

The value of these conditions to the industry cannot be lightly brushed aside, and the eventual benefit to the public with a continuation of this situation will be marked, inasmuch as it will tend to relieve the pressure from the general shortage of buildings now existing. This does not mean that there is likelihood of the shortage being immediately adjusted, but it is an indication of wholesome conditions throughout the industry, particularly in the stabilization of prices and the increased production of labor.

It is a matter of special significance that notwithstanding the great volume of winter building now in progress in the country and the record breaking amount of permits that have been issued during the late fall and winter months, prices for materials have shown inconsequential fluctuations.

Movements in the building materials market in December were somewhat irregular. A few commodities in some cities showed further declines. Structural steel shapes still remain firm at the level reached some months ago. On the whole, while the general level may have tended downward, the decline is undoubtedly less than the usual seasonal movement.

TO PURCHASE EQUIPMENT

The Pismo Beach Chamber of Commerce, J. A. Bosse, secretary, is in the market for two chemical fire engines on trucks and one fire siren. The apparatus may be new or second hand. Further information is obtainable from the secretary.

PUBLICATIONS

The Security Metal Products Co., of Kansas City, has just published a 16-page catalog illustrating and describing in detail the most up-to-date methods of plate glass settings and store front construction of exact size to fit into the architect's or contractor's files. Of interest to architects and engineers, Security Store Front construction was recently put on the market by the Security Metal Products Co. with Vernon Ross, designer of the Security system, as president of the corporation. Vernon Ross is a pioneer in store front construction, having designed and manufactured some of the best known types of plate glass settings on the market, and it is said that his latest creation is revolutionary in character and extremely pleasing in appearance. Copies of this catalog can be obtained from J. C. Lynn, 24 California St., San Francisco, who represents this firm in California.

Portland Cement Association, 111 W. Washington street, Chicago, has published a booklet on roadside planting and the care of trees and shrubs along highways. The booklet has been issued as a small contribution to the movement for combining safety and attractiveness with utility in highway service. At the end of the booklet is a list of trees and shrubs suitable for highway planting and key letters are included which refer to the regions outlined in an accompanying map of the United States showing the different species of trees and shrubbery adapted to any given region.

The December issue of "Safety News," issued by the State Industrial Accident Commission is off the press and features the following articles: "The Lineman," by G. E. Kimball, Engineer of the Electrical Division of the Commission: "The New Employee," by Edward G. Sheibley, Chief Engineer and Superintendent of the Commission; an editorial on "The Nurse in Industry;" "The Storage of Explosives in the Lumber Industry," by L. Dee Miller, engineer of the lumber division of the commission and a discussion on a peculiar boiler failure by R. L. Hemingway, engineer of the boiler division of the commission.

International Motor Company, 25 Broadway, New York City, has published Catalog No. 101 illustrating Mack Model AB chain driven motor trucks of 1½, 2, and 2½ tons capacity. Catalog No. 72, published by the same company, describes and illustrates Mack Model AB dual reduction drive motor trucks of the same capacity as the chain driven trucks. Both are described as heavy-duty vehicles constructed in conformance with the highest standards of design, material, and workmanship.

"The Ryerson Journal and Stock List," January-February, 1924, contains valuable information on freight rates on long and bulky material, the condition of the steel market, and the seventh of a series of articles describing the making of steel. The journal is a bi-monthly publication of Joseph T. Ryerson & Son, Inc., Sixteenth and Rockwell Sts., Chicago.

The Laclede-Christy Bulletin for December contains a number of interesting articles on Laclede cupola blocks, fire-brick, segment sewer blocks, suprafrax brick and boiler tube tile. The bulletin is published by the Laclede-Christy Company, Chicago office, 1366 People Gas Bldg.

Toy, State Highway Chairman, Issues Pacific Highway Statement

State highway work underway and contracted for on the Pacific Highway in California, between Redding and the Oregon line, totaled $1,478,000 on January 11th, 1924.

This is the answer of the California Highway Commission to the inquiries of Oregon and Washington about its plans for the Completion of the Pacific Highway, Chairman Harvey M. Toy in a statement outlining just what is being done on this northern interstate connection.

Answers Misleading Statement

"A lot of misleading and confusing statements have been made about what we are doing," said Chairman Toy, "and I want to reassert that California is going to complete the Pacific Highway as fast as it is humanly possible and in accordance with higher standards of construction which have been adopted for all work.

"From the standpoint of actual travel into the state, the Pacific Highway today is California's most important interstate road. We fully realize that only a road of high standards ,free as possible from curves, can care for this traffic which, it is estimated, will reach 2,000 machines a day next summer.

Construction Details

"In order that there may be no misunderstanding about the matter, I want to discuss briefly, unit by unit, just what is being done on every foot of the distance from the end of the present pavement at Redding to the Oregon line.

"The projects are in the order in which they would be encountered by a motorist driving south from Oregon.

"From the Oregon line to two miles south of Hornbrook, 10 miles. A contract was let on November 19, 1923, to Dunn & Baker of Klamath Falls, Ore., for straightening, widening and gravel surfacing this unit. The contractors have put up a bond to finish the work in 150 days or pay a penalty of $250 a day for each day in excess of the agreement. The allotment for this work is approximately $210,000.

"From two miles south of Hornbrook to Yreka, 15 miles. This unit is now graded 18 to 20 feet wide and is surfaced with gravel. It will be maintained in the best possible condition during the year and on four miles of this distance, immediately north of Yreka, we expect to widen the road to 30 feet and resurface with gravel during 1924.

"Guard rails are being placed in this vicinity at a cost of $26,000.

Surfacing Nears Completion

"Yreka to Gazelle; 17½ miles. Grading of this unit to a width of 30 feet has been completed and surfacing is now underway. This work should be completed by February 1st and will eliminate one of the worst sections of the old road and the last upon which state construction had not previously taken place. The allotment for this work is $212,000.

"From Gazelle to Shasta River, 8 miles. We have a twenty-four foot graveled highway on this unit at present, which is in good condition. However, this section will be widened to thirty feet and a gravel surfacing applied to make it a safer, easier road to travel.

"From Shasta River to the southern boundary of Siskiyou County, 22 miles, an excellent 18 foot concrete pavement has been completed and opened to traffic, eliminating another of the bad detours which tourists have been compelled to endure in the past.

"From the Siskiyou County line to Halfway Creek, in Shasta County. The road will be resurfaced with gravel during the year and it is possible that some 12 miles will be widened and straightened and new surfacing applied.

"From Halfway Creek to Bayha, Shasta County, 10½ miles. A contract was awarded to the Nevada Contracting Company of Fallon, on January 10th for widening, straightening and re-surfacing this unit with gravel. This work will be underway in the near future. The allotment for this contract is $492,000.

Paving Contract Let

"From Bayha to Redding, 10 miles. A contract for widening, straightening and paving this unit wah awarded the Kaiser Paving Company of Oakland on December 17th. Preliminary work already is underway. The allotment for this work is $438,000.

"Five rock crushers have been installed north of Redding to supply rock surfacing for the roadway until paving can be completed. The preliminary allotment for this work is $100,000, which amount has been appropriated from motor vehicle funds.

"This, in brief, is the California program for its uncompleted portions of the Pacific Highway north of Redding for the year 1924.

"It is the plan of the California Commission and its engineeers to have the entire highway from the Oregon line to Redding, 113 miles outside of municipalities now unpaved, widened to give a clear roadway, inside of ditches from drainage of 24 to 30 feet; in fact, the greater portion will be widened to 30 feet as nothing less will adequately care for the growing traffic.

High Standards on Work

"The road also will be straightened to provide a minumum radii on curves of not less than 300 feet. Our new surveys indicate that the road can be shortened nearly five miles between Redding and Dunsmuir, alone, by the work we are undertaking.

"Pavement of these sections until this straightening and widening has been accomplished would be folly and is not contemplated. The road must be properly located first. However, paving will be pushed as rapidly as funds and the conditions of the new grades will permit and none will be laid less than 20 feet in width.

"It will take somewhere in the neighborhood of $5,000,000 to complete the job, but when the real facts of the situation become known the entire state will be demanding that California make good promises to her northern neighbors."

RECEIVER NAMED FOR FEDERAL CONSTRUCTION COMPANY

William H. McCarthy of San Francisco has been appointed as receiver for the Federal Construction Company of San Francisco, street paving and highway contractors H K Eels, one of the four stockholders in the company, which has large highway contracts in various sections of the state, has brought suit demanding an accounting from the three other stockholders, W. F. Hanrahan, A. K. Hanrahan and A. J. Dowling. The company has holdings in all parts of California estimated to be worth $1,250,000.

Building News Section

APARTMENTS

Contract Awarded.
APARTMENTS $10,000 each
SAN FRANCISCO, E 18th Ave. 125, 150 S Cabrillo.
Two 2-story and basement frame apts. (4 apts. each.
Owner—Behan & Figone, 5754 Geary St., San Francisco.
Contractor — S. Rosori, 410 Williams Bldg., San Francisco.

Segregated Figures Being Taken Next Week.
APARTMENTS Cost, $100,000
SAN FRANCISCO, N O'Farrell 60 S Hyde St.
Six-story class C reinforced concrete apartment house (40 2 and 3-room apartments).
Owner—Mrs. Margaret K. Ladd.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Prepared.
APT. HOUSE Cost, $46,000
SAN FRANCISCO, SE Buchanan and Hickroy.
Three-story frame, stucco, brick veneer apt. house (5 2-room and 1 3-room on each floor, garage in basement for 12 garages).
Owner—A. L. Nelson.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
E. K. Nelson, 77 O'Farrell will in all probability be the contractor.

Segregated Figures Being Taken.
APARTMENTS Cost, $40,000
SAN FRANCISCO, W Van Ness Ave S Filbert Street.
Three-story and basement frame and stucco (12) apartments.
Owner—Leo Blum.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Segregated Figures Being Taken.
APT. HOUSE Cost, $150,000
SAN FRANCISCO, NE Hyde & O'Farrell Streets.
Six-story class C reinf. conc. apartment house (48 2 & 3-room apts.)
Owner—Stock & Jose.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $20,000
SAN FRANCISCO, N California St. 51 E 8th Avenue.
Three-story and basement frame (12) apartments.
Owner—B. Stevens.
Architect—Baumann & Jose, 351 Kearny St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $22,000
BERKELEY, 2641 Dwight Way.
Two-story 24-room frame apartment and garage.
Owner—Clark, 1730 Grove St., Berkeley
Contractor—Frank Broadhead 864 57th St., Oakland.

Contract Awarded.
APARTMENTS Cost, $11,400
OAKLAND, SE Cor. Shattuck and Fairview.
Two-story 14-room apartments.
Owner—Rosie Sequeira, 689 Fairview, Oakland.
Contractor — C. E. Charleston, 5627 Genoa St., Oakland.

Contract Awarded.
APARTMENTS Cost, $30,000
SAN FRANCISCO, S Grove 150 E Divisadero.
Two-story and basement frame (6) apartments.
Owner—Schainman Rlty. Co., Chronicle Bldg., San Francisco.
Architect—S. L. Hyman, Foxcroft Bldg San Francisco.
Contractor — Meyer Bros., 5324 Geary St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $45,000
SAN FRANCISCO, NW Post & Pierce Streets.
Three-story and basement frame (17) apartments.
Owner — E. Singer, 60 6th St., San Francisco.
Architect—E. A. Neumarkel, 544 Market St., San Francisco.
Contractor—Meyer Bros., 1st Natl. Bk. Bldg., San Francisco.

Contract Awarded.
STORE & APTS. Cost, $17,000
FRESNO, Fresno Co., Cal., 1318 Tulare Street.
Frame store and apartments.
Owner—Arthur G. Wear.
Contractor—Fisher & McNulty, Mattel Bldg., Fresno.

Contract Awarded.
APARTMENTS Cost, $14,000 each
Oakland, Cal., W 40th St. 469 412 E Telegraph Ave.
Two 2-story 14 room frame apartments.
Owner—Jacob Goldstein, 817 Grove St., Oakland.
Architect—None.
Contractor — Sommarstrom Bros., 306 14th St., Oakland.

LONG BEACH, Los Angeles Co., Cal.—Joseph H. Roberts, 312 Marine Bank Bldg., Long Beach, is preparing plans for a three-story brick apartment building to be erected at 722 W. Third St, Long Beach, for M. E. Keipp. Found. 45x65 ft., 18 apts.; incinerator, hot water plant and storage rooms in basement; pressed brick facing, terra cotta trim, marble and tile entrance, composition roofing, fire escapes, roof laundry, hardwood floors, composition bath floors and drainboards, disappearing beds, pine trim, gas radiators.

PASADENA, Los Angeles Co., Cal.—See "Theatres," this issue.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. Fold-up-Dors, Ti-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-slipping flooring.—Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET

Sutter 5907 San Francisco

LOS ANGELES, Cal.—Stonehill Construction Co., 223 Stock Exchange Bldg is preparing plans and will erect a 3-story brick store and apt. house at n.w. cor. of 42nd and Main Sts. for himself. Dimensions, 81x150 ft., stores in first story, 100 rms. arranged in 34 apts. in the upper stories; brick walls, press. brick facing, plate glass, steel beams, comp. rfg., pine trim, wall beds, oak and pine fls., tiled baths, water htrs., gas rads.; $100,000.

SYCAMORE GROVE, Los Angeles Co., Cal—J. H. Woodworth & Son, 200 E. Colorado St., Pasadena, have completed plans and work has started on the erection of a $70,000, three-story, frame apartment building near Sycamore Grove, L. A., for Max Klass. Fifty-nine apartments, composition and tile roof, stucco exterior, hardwood floors, tile baths and drainboards, stone mantel, individual gas heating.

BONDS

HUNTINGTON PARK, L. A. Co., Cal.—The $250,000 grammar school bond issue carried at the recent election. Under present arrangements two new schools will be erected at South Gate.

SAN BERNARDINO, San Bernardino Co., Cal.—Anglo-London-Paris Co. of San Francisco was awarded the $300,000 junior high school bond issue at par, accrued interest and premium of $5431. Work is planned to start in April.

SAN DIEGO, San Diego Co., Cal. — A bond issue of $1,250,000 for school purposes will be submitted to local voters Jan. 22. The issue includes $850,000 for high school purposes and $400,000 for city and elementary school needs.

OAKLAND, Cal. — To relieve overcrowded conditions in Oakland schools, the Board of Education contemplates a bond issue to finance the erection of additional school buildings and the construction of additions to the present structures. Unless additional quarters are provided the board may be compelled to place pupils on part-time attendance.

EUGENE, Ore.—Board of Education sets Feb. 5 as date to vote bonds of $250,000 to finance construction of two new school buildings, one to be erected at 17th and Agate streets, and another at 12th and Jefferson Sts.

MERCED, Merced Co., Cal.—Until Feb. 5, bids will be rec. by county supervisors for purchase of $16,000 bond issue of Romero School District; proceeds of sale to finance erection of new school building.

FOLSOM, Sacramento Co., Cal—Election will be held Feb. 16 in Folsom High School District to vote bonds of $75,000 to finance erection of new high school. Preliminary plans for the structure have been prepared. Trustees of district are: H. C. Clemensen, Richard G. Smith, Isaac Hyman, John J. Smith and Erne R. Gray.

STOCKTON, San Joaquin Co., Cal. — Election will be held Feb. 16 in Rising Sun Joint School District to vote bonds of $17,000 to finance erection of new school. Trustees of district are: N. E. Welty, T. W. Gaffery and George C. Delphia.

HUNTINGTON PARK, L. A. Co., Cal.—A $750,000 high school bond election will be held on Feb. 29 in the Huntington Park union high school dist. Plans include bldgs. at Bell and South Gate.

CHURCHES

Commissioned To Prepare Plans.
TEMPLE BLDG. Cost, $100,000
ALAMEDA, Alameda Co., Cal., Alameda Ave. adj. present temple.
Class A Masonic Temple building.
Owner—Masonic Hall Assn.
Architect—Carl Werner, Santa Fe Bldg San Francisco.
The directors of the Masonic Hall Association are B. S. McFarland, president; D. W. Martin, vice president; Judge Elmer E. Johnson, secretary; with J. H. Sheeran, Fred Perryman, Wynn Meredith and Major C. L. Tilden.

Working Drawings Being Prepared.
SYNAGOGUE ETC. Cost: $750,000 synagogue; $500,000 Sunday school.
SAN FRANCISCO, Arguello Blvd. and Lake St.
Steel and reinforced concrete synagogue and a 25-room and auditorium Sunday school.
Owner—Congregation Emanu-El (Bd. of directors consisting of Berthold Guggenheim, D. E. Koshland, Jas. H. Schwabacher, John I. Walters, Mrs. Henry Sahlein, I. W. Hellman and Henry L. Mayer.)
Architect—Sylvain Schnaittacher.
Plans will be complete in 3 or 4 months.
The main building will be of the Byzantine type, surmounted by a dome with red terra tiling which will be 135 feet in height. The entrance to the synagogue will be through a cloister tiled with marble and with marble columns. The entire building will be of steel and concrete construction, seating 1200 on the main floor, with seats in the galleries for 600 additional persons. The Sunday school building will be a separate structure but with the same entrance.

January 24, 1924
Contract Awarded
CHURCH Cost, $14,000
FRESNO, Fresno Co., Cal. No. 740 Olive Ave.
Owner — First United Presbyterian Church.
Architect—None.
Contractor—Yarnell & Garges, 1026 S-4th St., Fresno.

SAN DIEGO, San Diego Co., Cal.—Arthur G. Lindley, Chas. Selkirk, assoc., 800 American Bank Bldg., are completing plans for a two-story Spanish church building to be erected at San Diego, for Trinity Methodist Episcopal Church. Two-story frame and stucco construction, tile, composition and copper roofing, O. P. floors, metal lath, gas radiators, water heater, O. P. trim, indirect lighting system in auditorium, art glass, tile work, ornamental iron; will contain auditorium and balcony to seat 850, graduated classrooms, banquet hall, ladies' parlor, kitchen, staff work, pipe organ. Cost, $45,000. Bids will be taken soon.

BAKERSFIELD, Kern Co., Cal. — Roman Catholic Diocese of Monterey and Los Angeles, has purchased site in Baker St. and will erect $100,000 edifice to be ocupied by St. Joseph's parish. The structure will replace the frame church building at Oregon and Kern Sts.

LOS ANGELES, Cal.—Archt. and Eng Truesdell & Newton, 304 San Fernando Bldg., have completed prelimnary plans for a 15-room rectory to be erected at cor. Occidental Blvd. and Hoover St. for Roman Catholic Bishop of Los Angeles and San Diego, parish of the Precious Blood. Father Michael O'Halloran, pastor. Frame and plaster const, tile rfg., 2-story and basement, hardw. fls., gas unit htg. sys., 3 tile baths, tile drainbds., hardw. & pine trim., wrought iron work.

LOS ANGELES, Cal.—Archt. and Eng Truesdell & Newton, 304 San Fernando Bldg., are revising sketches for a church to be erected at cor. Occidental Blvd. and Hoover St. for the Roman Catholic Bishop of Los Angeles and San Diego, parish of the Precious Blood, Father Michael O'Halloran, pastor; it will contain an auditorium to seat about 600 people, 2 large chapels and sacristy. Brick walls, 2-story, plaster exter., wood exposed roof trusses, tile rfg., hardwood and pine fls., and trim, art glass, etc.

DAVIS, Yolo Co., Cal.—Davis Community Church, recently destroyed by fire, will be rebuilt at a cost of $75,000, according to Cal Covell, a member of the board of trustees. Members of the building committee are: Prof. L. J. Fletcher, Prof. C. L. Roadhouse, C. S. Frost and Frank Palmer.

FACTORIES AND WAREHOUSES

ORANGE, Orange Co., Cal.—Central Lemon Assn. has completed plans for the erection of a $75,000 packing house early this spring. The plant will have a capacity of 350 carloads.

Preparing Plans.
CANNING PLANT Cost, $1,000,000
SACRAMENTO, Cal., 16th 18th B & C Streets.
Reinforced concrete and brick packing plant, 1 large building and two smaller structures.
Owner — California Packing Co., 101 California St., San Francisco.
Engineer—Philip L. Bush, 101 California St., San Francisco.

Plans Being Figured — Bids Open Thursday.
WAREHOUSE Cost, $45,000
SAN FRANCISCO, SE Seventeenth and Mission Streets, 50x160.
Three-story and basement brick and concrete warehouse addition.
Owner — Redlick-Newman Furniture Co., 17th and Mission Sts., S. F.
Architect — Mel I. Schwartz, Nevada Bank Bldg., San Francisco.

Contract Awarded.
LOFT BLDG. Cost, $20,000
SAN FRANCISCO, Tehama St. near 4th.
One-story reinforced concrete loft bldg
Owner—Walter Sullivan.
Lessee—Turner Co.
Architect—O'Brien Bros. 315 Montgomery St., San Francisco.
Contractor — Wm. Martin, 180 Jessie St., San Francisco.

Figures To Be Taken Next Week.
EXTENSIONS Cost, $50,000 1st unit
SACRAMENTO, 10th and R Sts.
Extensions to 2-story and basement reinforced concrete, brick and steel sash bldg. (glass storehouse and workship).
Owner—W. P. Fuller & Co.
Architect — E. C. Hemmings and L. Starks, Oschner Bldg., Sacramento.
This is the structure that was recently partly destroyed by fire. Another addition will be made later.

LOS ANGELES, Cal.—C. A. Schweissinger Jr., 625 Loomis St., was low bidder for a 5-story class A warehouse to be erected at 517 New High St. for the Brunswig Drug Co. T. Beverly Keim, Jr., 716 Haas Bldg., archt. Dimensions, 49x152 ft., reinf. conc. constr., comp. rfg., stucco exter., plate glass, metal skylights, steel sash, hollow tile partitions, wire glass; $120,000.
(49178) 1st report Jan. 17, 1924. 4

LOS ANGELES, Cal. — Archts. E. J. Borgmeyer, 1003 California Bldg., has completed plans for a 5-story class A ice storage bldg. to be erected on Jefferson St., bet. Main St. and Maple Ave., for Jefferson Ice Co. Dimensions, 148x100 ft., reinf. conc. constr., cork insulation; $95,000. Bids are now being taken by owner.

LOS ANGELES, Cal. — Union Iron Works, 5125 Santa Fe Ave., Los Angeles, has prepared plans for a part 1 and 2-story factory factory, 40x140 ft., of steel and conc. construction, to be erected in Ventura for the Ventura Footwear Co. This will be the first unit of a large plant planned for this city. The factory portion will be lighted by skylights.

ROSEVILLE, Placer Co., Cal.—Pacific Fruit Express Co., 65 Market St., San Francisco, is negotiating for the purdchase of 250 acres of land outside the Southern Pacific holdings on which it is planned to construct car building and repair shops.

OAKLAND—See "Hotels," this issue.

EL CENTRO, Imperial Co., Cal.—Henry Rogers of San Antonio, Texas, the "denim King," is said to be seeking a location in Imperial Valley for a $2,500,000 cotton mill (incl. equipment).

HANFORD, Kings Co., Cal. — See "Schools," this issue. Bids wanted for high school shop building.

SAN FRANCISCO—Robt. W. Woodruff, president of the Coco Cola Company, manufacturers of soft drinks is on an inspection trip in Northern California and plans to select a site in San Francisco on which it is proposed to locate a plant for the manufacture of the company's products. Others accompanying Mr. Woodruff on the trip include B. Neil Harris, vice president and sales manager and T. Carl Thompson, vice president, who will be in charge of the San Francisco plant.

MEDUSA
WHITE CEMENT
LOW PRICES
FRESH STOCK
Pacific Materials Co.
525 Market Street San Francisco

PORTLAND, Ore.—Hurley-Mason Co., Gasco Bldg., Portland, representing local interests, has prepared plans for a 10-story reinforced concrete structure to be erected on a site yet to be selected. The building will be occupied by manufacturers' agents, wholesale and jobbing concerns. Est. cost is placed at $500,000.

LOS ANGELES, Cal.—Clinton Construction Co., Stock Exchange Bldg., has been awarded a contract at about $178,000 for erecting a 6-sto and basement Class A wholesale bldg. on Los Angeles St., bet. 2nd and 3rd Sts. for Western Wholesale Drug Co. Plans by Milwaukee Building Co., 315 Wright & Callender Bldg. Dimensions 60x153 ft., reinf. concrete construction, brick filler walls, plate glass, steel sash, elevators.

FLATS

Contract Awarded.
FLATS Cost, $13,000
SACRAMENTO, Cal., 3332 J St.
Two-story frame flat (4) flats.
Owner—Mrs. Mary Craig, 1323 E St., Sacramento.
Contractor—E. R. Beebe, 916 38th St., Sacramento.

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, W 12th Ave. 175 N California.
Two-story & basement frame (2) flats.
Owner—Patrick Hannon, 551 11th Ave., San Francisco.
Contractor—Thos. McCormick, 73 Hill St., San Francisco.

GARAGES

Completing Plans — Figures To Be Taken In a Few Days.
GARAGE Cost, $30,000
SAN FRANCISCO, N 18th E Sanchez.
One-story reinf. conc. garage 50x275.
Owner—J. Palaprat, 149 3rd St., San Francisco.
Architect—O'Brien Bros. 315 Montgomery St., San Francisco.

To Be Done By Day's Work.
GARAGE Cost, $12,000
OAKLAND, N 21st St. 235 W Harrison.
One-story brick and tile garage.
Owner—M. F. Sommarstrom and Paul Merrick, 738 E-17th St., Oakland.

PORTERVILLE, Tulare Co., Cal.—Until Jan. 31, 12 M. bids will be rec. by C. H. Weed and H. L. Augustine, 2nd and Putnam sts., to erect motor garage court. Cert. check 5% payable to C. H. Weed req. with each bid. Plans obtainable from above on deposit of $10 deposit returnable if plans are surrendered before Jan. 31. Further information on request.

SEBASTOPOL, Sonoma Co., Cal.—L. C. Cnopius will erect a garage repair shop and display room to be leased to C. F. Girreus, local agent for the Star cars. Structure will be 40 by 75 ft.

GOVERNMENT WORK AND SUPPLIES

Plans Being Prepared—Contr. Awarded
POST OFFICE Cost, $400,000
SAN FRANCISCO, Embarcadero, Washington & Merchants Sts., 289 by 206 by 141 ft.
Four-story and basement reinforced concrete Post Office building.
Owner—Jacob Kulp, 33 So. La Salle St., Chicago.
Lessee—U. S. Government.
Architect—Alfred S. Alschuler, Chicago and Macdonald & Kahn.
Contractors—MacDonald & Kahn, 130 Montgomery St., San Francisco.

SAWTELLE, Calif.—Director Hines of the Veterans' Bureau seeks a $1,500,000 appropriation for a national soldiers' home at Sawtelle, Calif. The structure will have a capacity of 500 beds.

Office of the Supervising Superintendent, Room 402 U. S. Post Office Building, San Francisco, California.
January 17, 1924

Sealed proposals will be opened in this office at 12 o'clock M. on January 31, 1924, for alterations, changes, etc., at the U. S. Post Office, Court House, Etc., San Francisco, California.

Drawing and specification may be obtained at this office at the discretion of the Supervising Superintendent.
WM. ARTHUR NEWMAN,
Superintendent.

WASHINGTON, D. C—Bids are being rec. by Bureau of Supplies & Accounts, Navy Department, Washington, D. C., to fur. and del. materials to Navy Yards as follows; date for opening bids as noted at close of each paragraph:

Schedule 1787, for various eastern and western yards, miscellaneous goggles, eye protectors, etc., January 29.

Sched. 1788, for Mare Island, 1 power plant equipment, Feb. 5.

Sched. 1789, for various eastern and western yards, miscellaneous copper, brass and iron or steel wire, Feb. 5.

Schedule 1790, for Mare Island, 75,000 bls. blanc-fixe, Jan. 29.

Schedule 1791, for Puget Sound, 3500 sq. ft. lacing leather, Feb. 5.

Sched. 1793, for Mare Island, 5000 gals. pine oil, Feb. 5.

Sched. 1796, for Boston and Mare Island, 129,000 pounds bituminous enamel and 850 gallons primer, February 5.

Sched. 1800, for eastern and western navy yards, white ash, Feb. 12.

WASHINGTON, D. C.—Until Feb. 4, 10:30 a. m., bids will be rec. by General Purchasing Office, Panama Canal for fur. and del. Balboa, Pacific Port, under Circular No. 1584, steel, boiler tubes, steel roll, chain, iron or steel pipe, unions, valves, reamers, drills, taps, files, chisels, hack-saw blades, shovels, electric fans, tables, pitch, tar, asphalt solution, asphaltum, asphalt cement, alumina sulphate, paint and ingredients, cts. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

MARE ISLAND, Calif.—Plans are being prepared by Bureau of Yards and Docks, Navy Department, Washington, D. C., for additional rip-rapping longitudinal dock at Mare Island Navy Yard. Work authorized under Specification No. 4941.

SAN DIEGO, San Diego Co., Cal.—Until 11 a. m., Jan. 30, bids will be received by the Bureau of Yards and Docks, Navy Dept., Washington, D. C., for erection of mooring mast, installation of gasoline and water storage tank, winches, pumps, motors and generators; concrete work; water and gasoline piping; electrical work; and a machinery house having wood frame and galvanized corrugated sheet steel roofing and siding, all at the Naval Operating Base (Air Station), San Diego, Calif. Drawings and Specification No. 4916 may be obtained on application to the Bureau or to the Public Works Officer, U. S. N., San Diego, Calif. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks. L. E. Gregory, Chief of Bureau.

KEYPORT, Wash. — J. H. Wetters, 3720 33rd Ave., Seattle, at $5378 awarded contract by Bureau of Yards and Docks, Navy Department, to construct extension to operating building at Keyport, Wash. Time for completion, 60 days.

PORTLAND, Ore.—Senator McNary of Oregon, has introduced bill seeking $500,000 appropriation to finance erection of veterans' hospital at Portland, Oregon.

PACIFIC WAX-DYE CO.
Manufacturers of Specialties
Paints, Waxes, Dyes, Polishes
2886 16th St. San Francisco

MARE ISLAND, Calif. — Followin is a complete list of bids received 1 Bureau of Yards and Docks, Navy D partment, Washington, D. C., und Specification No. 4717, for fuel oil sto age at Mare Island Navy Yard:

Item 1, entire work complete; 2, d duct for omitting foam fire protecti system, etc., 3, add or deduct from ite 1 if electric welding is used for join in steel tanks; 1x, entire work bas on riveted joints; 2x, deduct fro amount under item 1x for omitting fi protection system; 3x, add or dedu from item 1x based on electric wel ing; 4x, entire work based on electr welding; 5x, entire work electric wel ing under alternate a; 6x, entire wo based on floating type of roof dec under alternate b; 7x, entire work; 8 entire work; 9x, entire work; 10x, d 11x, do; 12x, do; 13x, do; 14x, do.

Austin Engineering Co., 121 W 42n St., New York City, item 1x, $229,00 2x, deduct $68,672; 6x, $231,000.

Newport Contracting & Engineerin Co., Newport News, Va., item 1x, $173 857; 2x, deduct $35,247; 3x, add $20 4x, $174,357; 5x $176,857; 6x, $140,61 7x, $141,110; 8x, $143,110; 9x, $172,85 10x, $173,357; 11x, $175,357; 12x, $175 857; 13x, $176,357; 14x, $178,357.

John W. Danforth Co., 72 Ellico St., Buffalo, N. Y., Item 1x, $188,261; $40,323; 3, add $250; 4, no change; no bid; 6, $190,261; 7, no change; no bid; 9, $188,061; 10, $186,861; 11, n bid; 12x, A $188,131, B $188,561, $190,241; 13x, A $186,931, B $187,36 C $189,041; 14, no bid.

Butte Electrical Equipment Co., 53 Folsom St., San Francisco, item 1 $148,860; 2, $115,304; 3, $149,168; $149,962; 5, $151,759; 6, $126,701; 7 $127,704; 8, $129,695; 9, $153,846; 1 $154,958; 11, $155,027; 12, $154,545; 1 $155,663; 14, $157,755.

Fort Dodge Boiler Works, 311 2n Ave. So., Fort Dodge, Iowa, item 1x $189,750; 2, $148,350; 3, add $550; 5 $186,360; 6, $191,750; 7, $190,430; $185,680; 10, $184,360; 12, A $185,55 B $186,030, C $187,680; 13, A deduc $1320; B, deduct $1320; C, deduct $132

Pittsburgh-Des Moines Steel Co., 80 Curry Bldg., Pittsburg, item 1x, $176, 376; 2, $42,030; 3, add $500; 4x, $173, 976; 6x, $135,846; 7, $134,646; 9, 173, 176; 10, $171,976; 12, A $173,246, $173,676, C $175,176; 13, A $172,046, cop per ore, B $172,476, Amco iron, C $173, 976, charcoal iron.

LIVERMORE, Alameda Co., Cal. — Bids to furnish and install refrigerating equipment in U. S. Veterans' Hospital at Livermore, Calif., have bee rejected and new bids will be asked Contracts already let on this projec are: Howard S. Williams, 185 Stevenson St., San Francisco, general construction, $757,740; Latourette-Fical Co Sacramento, Calif., mechanical equipment, $238,800; Otis Elevator Compan Washington, D. C., elevator, approx $23,490; John V. Boland Constructio Co., St. Louis, Mo., reinforced concret stack, $4271.

SAN FRANCISCO—Until Jan. 29, 1 a. m. bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No 5069-530-532-532A, for fur. and del. Ri Vista, Solano county, miscellaneous hardware and supplies. Specification will be furnished on request.

MARE ISLAND, Cal.—Butte Electrical Equipment Co., 530 Folsom St San Francisco, at $126,701 awarde contract by Bureau of Yards an Docks, Navy Department, Washingto D. C., for fuel storage project at Mar Island Navy Yard, under Specificatio No. 4717. Complete segregated bid fol lows: Item 1, entire work complete 2, deduct for omitting foam fire protection system, etc.; 3, add or deduct fro item 1 if electric welding is used fo joints in steel tanks; 1x, entire wor based on riveted joints; 2x, deduct fro amount under item 1x for omitting fi protection system; 3x, add or deduc from item 1x based on electric weldin 4x, entire work based on electric weldi ing; 5x, entire work electric weldin under alternate a; 6x, entire wor based on floating type of roof deck under alternate b; 7x, entire work; 8 entire work; 9x, entire work; 10x, do 11x, do; 12x, do; 13x, do; 14x, do.

Item 1x, $148,860; 2, $115,304; 3, $249, 168; 4, $149,962; 5, $151,759; 6, $126, 701 7, $127,704; 8, $129,695; 9, $153,846; 1 $154,958; 11, $155,027; 12, $154,545; 1 $155,663; 14, $157,755.

WASHINGTON, D. C. — Until Feb. 7, 10:30 a. m., bids will be rec. by General Purchasing Officer, Panama Canal under Circular No. 1587 for fur. and del. Balboa (Pacific Port): oil hose, excelsior, creosoted and untreated lumber (Southern Yellow Pine, Douglas Fir, Cedar, Spruce, Cypress, Redwood, Ash, Poplar, Maple, Oak and Hickory), and creosoted Yellow Pine or Douglas Fir piles. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

SAN FRANCISCO—Bids were opened on Jan. 23rd by the Supervising Superintendent, W. A. Newman, Post Office Bldg., 7th and Mission Sts., for repairs and painting of the Mint on S corner of 5th and Mission Sts.

Bids were forwarded to Washington.

Cramer Bros., 1941 15th St., S. F.	$5845
I. Kissel	6260
Alfred H. Vogt	6400

SAN FRANCISCO—Until Jan. 31, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5067-530A for fur. and del. Rio Vista, Solano county: a miscellaneous quantity of lumber. Lists of materials desired obtainable on request to above.

SAN FRANCISCO—Until Jan. 31, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5078-530, to fur. and del. Rio Vista, Solano county: cylindrical, nickle babbitt and bronze castings. Further information obtainable on request to above.

HALLS AND SOCIETY BUILDINGS

Figures To Be Taken Next Week.
LODGE BLDG. Cost, $100,000
WOODLAND, Yolo Co. Cal., Bush and College Sts.
Two-story reinforced concrete lodge building.
Owner—Elks Lodge.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Bids ran over the amount available for the building and plans will be slightly revised.

SACRAMENTO, Calif.—Ben Ali Temple of the Mystic Shrine has voted to proceed with the purchase of the property at 14th and L Sts., on which it is planned to erect a $500,000 Masonic temple. The campaign for the sale of stock will be started Feb. 1, and it is estimated the required funds will be subscribed in less than one week.

EXETER, Tulare Co., Cal.—Exeter Woman's Club has adopted resolutions authorizing an expenditure of $15,000 to finance construction of a new clubhouse. Plans for the structure will be prepared by J. R. Alltucker, head of the manual training department of the Exeter High School.

HOSPITALS

Plans Being Figured.
HOSPITAL Cost, $150,000
SAN FRANCISCO, S E Jackson and Trenton Streets.
Four-story reinforced concrete hospital.
Owner—Chinese Six Companies.
Architect—Alfred I. Coffey, Humboldt Bank Bldg., San Francisco.
Bids are being taken for a general contract.

SAWTELLE, Calif. — See "Government Work and Supplies," this issue.

PEARL HARBOR, T. H.—See "Government Work and Supplies," this issue

SANTA ROSA, Sonoma Co., Cal. — Grand Lodge of the Knights of Pythias of California has purchased 1100 acres site on which it will erect home for aged and orphaned children of members. The site is located about 10 miles east of Santa Rosa. Dr. E. O. Jackson, of Petaluma, is a member of the committee which made the selection.

PORTLAND, Ore.—See "Government Work and Supplies," this issue.

HOTELS

Plans To Be Prepared.
HOTEL Cost, $—
SAN FRANCISCO, S Eddy 100 E Jones
Class A Hotel to contain 200 rooms.
Owner—Louis Johnson, 2260 19th Ave. San Francisco.

Low Bidders.
HOTEL Cost, $250,000
PALO ALTO, Santa Clara Co., Cal. Cor. Hamilton Ave. and Ramona St.
Three-story reinforced concrete hotel with cement exterior and tile roof (150 rooms).
Owner — Palo Alto Improvement Co. (Andrew Peterson, pres., Palo alto)
Architect—W. H. Weeks, 369 Pine St., San Francisco, and Birge Clarke 600 Embarcadero, Palo Alto, assoc.
The following is a list of the six lowest bids on the general contract:

John Madsen, 619 Fulton St., Palo Alto	$106,250
Campbell Constr. Co., Sacto.	113,438
R. W. Littlefield, Oakland	113,967
K. E. Parker Co., S. F.	117,200
Barrett & Hily, S. F.	117,500
Larsen-Siegrist Co., S. F.	119,000

Bids for the plumbing and heating are held under advisement as it depends on the alternates as to who is the lowest bidder. The owners are raising more money and expect to award the contracts shortly. The electrical work will be done by Andrew Peterson.

HORNBROOK, Siskiyou Co., Cal.—F. L. Jacquette, of Hornbrook, is authority for the statement that a $250,000 hotel building will be erected early in Spring. The name of the parties backing the project are withheld until plans are further advanced.

BANDON, Ore. — Archt. F. Manson White, Sherlock Bldg., Portland, Ore., takes bids shortly to erect 2-story and basement, L-shape, 125x100 ft. reinforced concrete hotel to be erected for interests headed by Geo. P. Laird; est. cost $100,000. Will contain 75 guest rooms, 25 of which will have private bath, 25 equipped with showers and 25 with lavatories.

CHANDLER, Ariz. — Archt. Myron Hunt, 1107 Hibernian Bldg., L. A., is preparing plans for additions and alterations to present hotel bldg. and for a group of bungalows and other improvements to be made at San Marcos Hotel site, Chandler, Ariz. There will be a 25-room fireproof addition to the present bldg; reinf. conc. and hollow tile constr; the dining room and lobby will be enlarged and offices and other portions remodeled. The group of bungalows will be of frame and plaster constr.; they will be mostly 4-rooms each providing a total of 125 rooms. There will also be a casino, hunting lodge, clubhouse and swimming pool in connection with the private golf course.

SAN FERNANDO, Los Angeles Co., Cal.—Archt. E. B. Rust, 623 Black Bldg., has prepared plans and is taking bids for a four-story Class C store, office and hotel building to be erected at San Fernando, for Munn & Popplemen. Dimensions, 50x90 ft., 4 stores, 12 offices, 26 hotel rooms and 13 baths, brick walls, cast stone and pressed brick exterior, plate glass, structural steel, composition roofing, tiled baths, gas radiators, water heaters, elevator. Cost, $75,000.

LONG BEACH, L. A. Co., Cal.—Myron Hunt, H. C. Chambers and W. Horace Austin, 1107 Hibernian Bldg., L. A., and 525 Pac. Southwest Bldg., Long Beach, assoc. archts., are preparing plans for a $1,250,000 5-story and basement class A hotel bldg. to be erected on Ocean Blvd. bet. 19th and 20th Places, Long Beach, for the Long Beach Hotels Co., Inc., to be operated by D. M. Linnard and assoc. Found., 200x160 ft., 300 rms. Reinf. conc. walls brick veneer facing, art. stone trim, tile baths, comp. rf. Dining room 74 by 134 ft., lounge, card room and kitchen on first floor, mechanical heating and service plants in basement.

LOS ANGELES, Cal. — Archt. Harry Genser, 208 Hibernian Bldg., is preparing plans for a 4-story hotel bldg. to be erected on Union Ave. near 7th St., for a local client. Brick constr., 100x150 ft. and will contain 160 rooms, 60% tile baths and 40% shower baths, large lobby, dance hall, billiard room, one elevator; $250,000.

LOS ANGELES, Cal.—L. A. Smith, 3rd St. and Western Ave., is preparing plans for a 10-sto and basement class A store and hotel bldg. to be erected at n.w. cor. of 5th and Wall Sts., for F. W. Byer. Dimensions 40x100 ft., 4 stores, 180 hotel rooms, reinf. conc. construction, press. brick and terra cotta exter., plate glass, comp. rfg., metal skylights, pine trim, tiled baths, steam htg., 2 elevators; $265,000.

WHITTIER, L. A. Co., Cal. — See "Schools," this issue.

LONG BEACH, L. A. Co., Cal.—Architects Weeks & Day, 204 Seventh and Hill Bldg., L. A., and California Ins. Bldg., S. F., are preparing plans for a 12-story and basement class A hotel bldg. to be erected at s.e. corner of Ocean Blvd. and Linden Ave., Long Beach, for the Long Beach Hotel Co., organized by E. Tropp and associates. It will contain 650 rooms; dimensions 150x187 ft., steel frame construction, brick filler walls, press. brick and cast stone facing, plate glass, hardwood trim, marble and tile work, six elevators, steam htg., vacuum cleaning; $3,000,000. Contract to erect the bldg. has been awarded to Cahill Bros., Sharon Bldg., San Francisco, and 204 7th and Hill Bldg., L. A.

ICE AND COLD STORAGE PLANTS

FRESNO, Fresno Co., Cal.—Independent Ice. Co., 1423 A street, Fresno, has been granted building permit to erect a $40,000 brick addition, 56 by 80 feet, to its present plant to house new ice making tank, storage rooms, garage and office quarters.

LIVERMORE, Calif.—See "Government Work and Supplies," this issue.

HANFORD, Kings Co., Cal.—Benham Ice Cream Co., 1420 H St., Fresno, is seeking site on which it is proposed to erect a branch plant for the manufacture of ice cream and other products.

POWER PLANTS

CARMICHAEL, Stanislaus Co., Cal.—Carmichael Public Utility District, comprising 3100 acres, will vote bonds of $60,000 to finance construction of electrical distributing system. Of the total amount to be voted $15,000 will be used for future extensions of lines. Carl M. Hoskinson is engineer and E. M. Lynch, C. F. Green and Geo. E. Fetters are trustees of the district.

MARYSVILLE, Yuba Co., Cal.—Pacific Gas and Electric Co. is assembling materials preparatory to starting improvements to electric sub-station. Work will consist of general repairs and installation of additional equipment; est. cost $25,000. Foundation work for a 50,000 cu. ft. gas holder is under way, the cost to run about $28,000. In addition to the above the company will expend $30,000 in improving the Gridley sub-station. Construction is being carried on by E. T. Summers of the company's construction department.

PACIFIC GROVE, Monterey Co., Cal.—Until Feb. 18, 7:30 P. M., bids will be rec. by E. S. Johnston, city clerk, to fur. and del. f. o. b. Pacific Grove: 4000 ft. 1½-in. and 500 ft. 1¼-in. Greenfield Hot Dipped galv. conduit or equal. Further information obtainable from city clerk. **See call for bids under official proposal section in this issue.**

PUBLIC BUILDINGS

Contract To Be Awarded Shortly.
LIBRARY Cost, $21,600
BERKELEY, Benvenue & Ashby Aves.
One-story frame, stucco and brick veneer library.
Owner—Mercantile Trust Co. for the City of Berkeley.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—Conner & Conner.
The City of Berkeley will purchase the structure from the Mercantile Trust Company.

OAKLAND, Cal.—Until Jan. 24, 12 M. bids will be rec. by E. K. Sturgis, city clerk, for fur. and installing window Bond of 25% req. of successful bidder. Specifications on file in office of clerk.

SACRAMENTO, Calif.—Until Jan. 29 12 M. bids will be rec. by State Department of Public Works, Division of Architecture, to construct and complete alterations to driveways at State Capitol grounds. Cert. check 10% payable to State of California req. Plans obtainable from above office. George B. McDougall, state architect, Forum Bldg., Sacramento. **See call for bids under official proposal section in this issue.**

PULLMAN, Wash. — Dougan and Chrisman, Seattle, at $122,723 submits low bid for general contract to erect masonry library building at Washington State University grounds. Rautman Plumbing and Heating Co. low at $3478 for plumbing and F. W. Rust & Co., low for conduit work at $2410. Bebb and Gould, architects, Securities Bldg., Seattle, recommends awards to low bidders.

SACRAMENTO, Cal.—Until Feb. 11, 10 a. m., bids will be rec. by Harry W. Hall, county clerk, to fur. and install 57 bunks and plumbing in county jail building. Cert. check 10% payable to Chairman of Board of Sups. req. Plans obtainable from clerk. **See call for bids under official proposal section in this issue.**

BERKELEY, Alameda Co., Cal. — City council, E. M. Hann, clerk, authorizes lease, with option to purchase, property owned by the Mercantile Securities Company at Ashby and Benvenue Aves., on which the city will erect the Claremont Branch library.

SAN FRANCISCO — Auto parking court. See Official Proposals, this issue.

SAN FRANCISCO—Elliott and Grant at $6989 submit low bid to Board of Public Works for general contract work in connection with remodeling O'Farrell street police station. Other bids were: Mahoney Bros., $7600; A. S. Gough, $7445; Reilly and Nemetz, $8,958; A. H. Vogt, $7433; Carl H. Peterson, $7990; Wm. Bruce, $10,300.
E. Sugarman at $1900 low bidder for plumbing contract on same project. Other bids: J. E. O'Mara, $2065; A. Lettich, $2589.

RESIDENCES

Contract Awarded.
RESIDENCE Cost, $16,800
BERKELEY, SW Santa Barbara Rd & Northampton Ave.
Two-story frame 8-room residence.
Owner—Wm. Grant, 2820 Pacific Ave., San Francisco.
Architect — J. E. Norberg and B. S. Hayne, Balboa Bldg., San Francisco.
Contractor—Fowler Mallett, Acheson Bldg., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $12,000
SAN FRANCISCO, 8th Ave., Windsor Terrace.
Two-story frame and stucco residence.
Owner—Walter Schaefer.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.
Figures are being taken for a general contract.

Plans Being Prepared—Contr. Awarded
RESIDENCE Cost, $12,000
SAN FRANCISCO, St. Francis Wood.
Two-story frame and stucco residence.
Owner—A. Greenbaum.
Designer & Contractor—M. Fisher, 689 Mission St., San Francisco.

Plans Being Prepared
RESIDENCE Cost, $17,000
BERKELEY, Spring Street.
Two-story frame and stucco residence with tile roof.
Owner—M. R. Dempster.
Architect—W. H .Ratcliff, Mercantile Bank Bldg., Berkeley.

Plans Being Prepared.
RESIDENCE Cost, $14,000
PIEDMONT, Bellrose Ave.
Two-story and basement frame residence and garage.
Owner—A. H. Halloran.
Architect—W. H. Ratcliff Jr., Mercantile Trust Bldg., Berkeley.

Plans Being Completed.
RESIDENCE Cost, $15,000
PALO ALTO, Santa Clara Co., Cal.
Two-story frame and stucco residence with tile roof.
Owner—Withheld.
Architect—Birge N. Clarke, 600 Embacadero, Palo Alto.
Plans will be ready for figures in three or four weeks.

Plans Being Prepared.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Cal.
Two-story frame and stucco residence with tile roof.
Owner—Withheld.
Architect—Birge M. Clarke, 600 Embacadero, Palo Alto.
Plans will be ready for figures in 3 or 4 weeks.

Plans Being Revised.
RESIDENCE Cost, approx. $19,000
PIEDMONT, Alameda Co., Cal., 101 King St.
One-story steel frame and concrete conservatory building for residence
Owner—Stanley Dollar.
Architect — Chas. W. McCall, Central Bank Bldg., Oakland.
Low Bidder—H. Anderson, 1229 Pearl St., Alameda.

Plans Being Prepared.
RESIDENCE Cost, $15,000
SACRAMENTO, Cal.
Two-story frame and brick veneer residence with tile roof (8 rms.)
Owner—Withheld.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.

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Plans Being Prepared.
RESIDENCE Cost, $9000
BERKELEY, Hawthorne Terrace.
Two-story frame and stucco residence.
Owner—W. D. Clark.
Architect—John Hudson Thomas, 1st Natl. Bank Bldg., Berkeley.

Low Bidder.
RESIDENCE Cost, $13,890
BERKELEY, Alameda Co., Cal. Dwight Way and Hillside.
Two-story frame and stucco residence with fire resisting shingles (8 rms and garage).
Owner—Miss Edith Griffin.
Architect—John Hudson Thomas, First National Bank Bldg., Berkeley.
Low Bidder—D. Nordstrom, 4146 Emerald St., Oakland.

Plans Being Figured.
RESIDENCE Cost, $5000
SAN RAFAEL, Marin Co., Calif.
One and one-half story frame 5-room residence.
Owner— —.
Architect — Arthur G. Scholz, Phelan Bldg., San Francisco.

FRESNO, Fresno Co., Cal.—Fresno Homes, Inc., recently organized, to be operated under the management of the Consolidated Investment Corp., Fresno, will expend approx. $200,000 in the erection of about 28 new homes in the Normal Court tract.

PASADENA, L. A. Co., Cal. — J. H. Woodworth & Son, 200 E Colorado St. Pasadena, are preparing plans and will erect a $30,000, 19-room frame dwlg. at 766 Fairfield Circle, Oak Knoll, Pasadena, for J. T. Penton. Stucco exter., shakes rf., hardw. fls., 3 cast stone and tile mantels, 3 tile baths, 2 extra lavatories, metal casements, white cedar paneled hall walls, leaded glass, brick porch fls, & window paneling, beamed ceilings, unit heating, laundry.

FLINTRIDGE, L. A. Co., Cal.—Archt. and Engr. Truesdell & Newton, 304 San Fernando Bldg., have completed preliminary plans for a 13-room residence to be erected on a large site at cor. Flintridge Rd. and Woodlay Lane, Flintridge for Harry Johansing. Frame constr., cement gun exter., 2-story and basement, tile rfg., gas unit htg. sys., aut. water htr., 6 tile baths and drainboards, hardw. fls., tile mantels, hardwood and pine trim. The entire site will be landscaped and there will be a formal garden, terraces, etc., $75,000.

SCHOOLS

Bids Reected—New Bids To Be Advertised For.
SCHOOL Cost, $92,000
OAKLAND, Alameda Co., Cal., Hawthorne School site, E 17th St. and 29th Ave.
Two-story reinforced concrete school 9 rooms, auditorium and principals office.
Owner—City of Oakland.
Architect — John J. Donovan, 1916 Broadway, Oakland.
All bids were rejected on account of some irregularity in the proposal blank.. The lowest bid was submitted by Alfred Olson, 351 12th St., Oakland $104,767; alternates, (1) $207 add, (2) $3450 add, (3) $1559 add, (4) $400 ded.

LONG BEACH, Los Angeles Co., Cal.—Bonds in the sum of $4,900,000 have been voted for financing the following school building program:

High Schools

East End School, land, buildings and equipment, $1,150,000.
Catalina High School, building and equipment, $50,000.
Franklin Junior High, additional land, buildings and equipment, $375,000.
Jefferson School, additional land, buildings and equipment, $315,000.
North Side Junior High, land, buildings and equipment, $700,000.

Elementary Schools

Edison School, land, 18-room building, equipment, $135,000.
10th and Orizaba, 24-room building and equipment, $400,000.
Whittier School, 16-room building and equipment, $230,000.
Burnett School, 10-room building and equipment, $110,000.
Lincoln School, 8-room building and equipment, $170,000.
Temple School, 8-room building and equipment, $65,000
Fremont School, 8-room building and equipment, $81,000.
Roosevelt School, land, 6-room building and equipment, $175,000.
Seaside School, land, 4-room building and equipment, $45,000.
Longfellow School, 2-room building and equipment, $15,000.
Vista-Mira Mar School, land, 8-room building and equipment, $145,000.
Loma-Anaheim School, land, 8-room building and equipment, $150,000.
Muir School, 12-room building and equipment, $175,000.
Washington School, shop building and equipment, $25,000.
Additional school sites, one west of flood control channel, one south of Anaheim and east of Termino, and a third site, location not selected, $189,000.

Figures To Be Taken Shortly.
SCHOOL Cost, $150,000
PIEDMONT, Alameda Co., Cal.
One and 2-story reinforced concrete Junior High School.
Owner—Piedmont School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

WHITTIER, L. A. Co., Cal.—Archts. Allison & Allison, 1405 Hibernian Bldg. are preparing plans for a boys' dormitory to be erected at Whittier for Whittier College. There will be three connected units, on the cottage plan; brick or hollow tile construction, stucco exterior, clay tile rfg; $100,000.

STRATFORD, Kings Co., Cal.—Until Feb. 1, 1 p. m., bids will be rec. by trustees of Stratford Elementary School District to furnish and install Smith heating (or equal) in school and for overhauling two heaters now in place. Further information obtainable from clerk of district.

LOS ANGELES, Cal.—Barkelew & Gould, Glendale, were low bidders at $121,000 for erecting gymnasium buildings at high schools at San Fernando, San Pedro and Van Nuys; Albert C. Martin is the architect. Low bidders on other contracts were: Pacific Gas Radiator Co. on heating at $3653; H. H. Mann on painting at $5220; American Electric Constr. Co. on wiring at $4259.20; and Hickman Bros. on plumbing at $18,600. The bids were: **General Contract**—Barkelew & Gould (a) San Fernando, $40,459; (b) San Pedro, $40,459; (c) Van Nuys, $40,450; (d) all three buildings, $121,000; Gillis & Shepard (a) $41,200; (b) $40,600; (c) $40,950 (d) $122,750; Willard-Brent Co. (a) $41,990; (b) $41,990; (c) $41,990; (d) $125,400; J. F. Kobler (a) $42,344; (b) $42,444; (c) $42,344; (d) $126,068; Farley & Farley (a) $43,098; (c) $43,098; D. B. Kronnick (a) $43,200; (b) $42,900; (c) $43,100; (d) $129,200; McKay Engr. Co. (a) $43,300; (b) $42,800; (c) $43,300; (d) $129,400; May & Hellman (a) $43,429; (b) $46,475; Williams & Bosen (a) $44,168; (c) $43,968; John Simpson & Co., (a) $44,775; (b) $45,700; (c) $44,775; (d) $135,000; MacFadden & Wiunkelman (a) $45,000; (b) $46,000; (c) $44,700; (d) $135,000; H. M. Baruch (a) $46,695; (b) $46,695; (c) $46,695; (d) $139,500; R. R. Edwards Bldg. Co. (a) $47,200; C. T. McGrew & Son (a) $47,684; (b) $47,529; (c) $47,186; (d) $142,399; J. A. Creighton & Co. (a) $48,898; (b) $49,700; (c) $48,888; (d) $147,024; Geo. Holliday (a) $49,995; (c) $51,095; A. G. Buchanan (b) $43,800; Eastman & Sweeney (b) $45,578; Regan & McLin (b) $46,475; Schaf & Strauser (b) $48,239; Sordal & Mayson (b) $50,830; Gene B. Foster (c) $43,677. **Gas Heating**—Pacific Gas Radiator Co. (a) $1133; (b) $1260; (c) $1260; (d) $3635; Coast Radiator Corp. (a) $1286; (b) $1236; (c) $1286; (d) $3800. **Painting**—H. H. Mann, (a, b and c) $1740 each; (d) $5229; R. Rasmussen (a, b and c) $1960 each; (d) $5880; Paul B. Johnston (a, and b) $1965 each; (c) $2215; (d) $6145; R. E. Swan (a and c) $2080 each; (b) $2185; (d) $6345; E. A. Lindgren (a, b and c) $2337 each; (d) $7011; R. P. Tuttle Co. (a, b and c) $2397 each; (d) $7100; Arenz-Warren Co. (a, b and c) $2650 each; (d) $7950; Alhambra Wall Paper & Paint Co. (a, b and c) $2800 each; (d) $8400; Peter Chasse (a) $3185; (b) $3260; (c) $3205; (d) $9600. **Wiring**—American Electric Constr. Co. (a) $1276; (b) $1438.50; (c) $1619.40; (d) $4259.20; Newbery Elec. Corp. (a) $1217; (b) $2069; (c) $1724; (d) $5010; Graham Electric Co. (a) $1254; (b) $1545; (c) $1748; (d) $4320; H. H. Walker (a) $1265; (b) $1541; (c) $1857; (d) $4663; Peerless Electric Co. (a) $1362; (b) $1562; (c) $1806; (d) $4700; Willey & Haimbaugh (a) $1,470.75; (b) $1759.20; (c) $2091.15; (d) $5357.10. **Plumbing**—Heckman Bros. (a) $6350; (b) $5900; (c) $6350; (d) $18,600; J. Hokom Co. (a) $6394.50; (b) $6254.50; (c) $6394.50; (d) $19,043.50; Johnson Plumbing & Heating Co. (a) $6241; (c) $6139; Ora King (a) $7797; (b) $7294; (c) $7526; (d) $22,600; G. C. Sutton, (a) $7673; (b) $7425; (c) $7407; (d) $22,055; R. E. Charles (a) $7673; J. A. Bailey (c) $7965.

ALHAMBRA, L. A. Co., Cal.—Archts. Allison & Allison, 1405 Hibernian Bldg. are preparing plans for a new grammar school bldgs. to be erected at Alhambra under the recent bond issue. The work will include the following bldgs.: Four-room addition to Central school, brick construction, $25,000;

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two addition at Granada school, $31,000; 4-room brick school, brick construction, $46,000; 4-room brick addition and two 3-room frame and plaster additions at Fremont school, $63,000; 4-room addition at Garfield school, frame and plas. construction, $22,000; 7-room frame and plas. addition at Grenada school, $31,000; 4-room brick addition at Park school, $23,000; 4-rm. frame and plas. addition at Ynez school $21,000; 4-room frame and plas. bldg. at Marengo school, $32,000; and a brick storage and garage bldg., $25,000.

JEROME, Ariz. — Egan Constr. Co. was awarded contr. by board of education for building "Bldg. B," a new manual training and domestic science bldg. Bldg. will be 2 sto., approx. 65 by 65 ft. Plans for the new grammar school bldg. prepared by Archts. Lescher & Mahoney, Bank of Arizona Bldg, Phoenix, were approved by the board, and bids will be advertised for at once. The bldg. will contain 12 classrooms.

LOS ANGELES, Cal.—Until 9 a. m., Feb. 6, bids will be received by the board of education for erecting a new 12-room school bldg. at Ford Street school site, Ford St. bet. Mines and Verona Sts; Noerenberg & Johnson, architects. Twelve rooms, 2-story and part basement, brick constr., comp. rfg.; $83,000. Bids will be taken separately on the gen. contract, plumbing, painting, wiring and heating.

VENICE, L. A. Co., Cal. — Until 11 a. m., Jan. 29, bids will be rec. by board of trustees of the Venice union high school dist. at the Venice Polytechnic high school for (1) cement sidewalks; (2) cement tennis courts; (3) one automatic bus; (4) woven wire fencing for athletic field; (5) 10 sections knockdown bleachers; (6) certain gymnasium equipment. Spec. on file at office of the secy. Cert. check 5%. Louis F. Klein, clerk.

HANFORD, Kings Co., Cal. — Until Feb. 11, 7:30 p. m., bids will be rec. by G. W. Armstead, clerk, Hanford Union High School District, to (1) Class C shops at high school and (2) to furnish and lay linoleum in corridor of existing Academic Building. Coates and Travers, architects, 626 Rowell Bldg., Fresno. Cert. check 10% req. with each bid. Plans obtainable from architects. **See call for bids under official proposal section in this issue.**

SACRAMENTO, Cal.—The following bids were received on January 18th, by the Christian Brothers College, for the construction of two two-story brick, hollow tile or concrete college buildings. Bids were opened at St. Mary's College in Oakland and have been taken under advisement. Plans were prepared in the college.

(a) brick, (b) hollow tile, (c) concrete.:

Wm. C. Keating (a) $179,450, (b) $179,450, (c) $168,000.
Herndon & Finnigan (a) $183,931, (b) $—, (c) $168,445.
Chas. Mabrey, (a) $187,199, (b) $185,831, (c) $172,131.
Fred Betz, (a) $187,844, (b) $187,844, (c) $166,170.
Geo. Hudnut, (a) $190,889, (b) $193,265, (c) $167,639.
Jas. L. McLaughlin, San Francisco, (a) $204,400, (b) $201,400, (c) $182,900.
J. J. Powers, Oakland, (a) $207,775, (b) $205,560, (c) $197,895.
Mahoney Bros., San Francisco, (a) $209,718, (b) $204,333, (c) $185,980.

TUCSON, Ariz. — Clinton Campbell, Phoenix, was awarded contr. by board of regents, university of Arizona, at $196,760 for constructing the new library bldg. on the campus. Lyman & Place, 79 N Stone Ave., Tucson, architect. Other contracts awarded were: Russell Elec. Co., lighting at $1800; C. A. Smith Plbg. Co., plumbing at $3550. The contracts let at this time eliminate the stock room, which will be added later at an estimated cost of $20,000, and the first floor only will be finished. The two upper fls. will be finished later, although the outside of the bldg. will be completed at the present time, all walls, roof and windows being included in the contract. The proposed structure will be a 3-story bldg., 194 ft. frontage, by about 90 ft. deep. The bldg. will contain a partial basement. Reinf. conc. and struc. steel constr.; rigbrick facing and exter. walls with terra cotta trim and red Spanish tile rf. The main reading rm. will be 40x125 ft., 2-sto. in height, and will be lighted by 9 arched windows. The bldg. will contain several smaller reading rms., catalogue rms., offices, lecture hall, steel book stacks, cork carpets, book elevator, elec. automatic passenger elevator, hardw. panel wainscoting, cork tile lobby fl., marble staircase, etc.

LOS ANGELES, Cal.—Archt. Frederick H. Soper, 1105 Kerckhoff Bldg., is completing plans for a junior high school bldg., is completing plans for a junior high school bldg. to be erected at the James A. Foshay Junior High School site, cor. Exposition Blvd. and Harvard Ave., for the Board of Education. There will be sioyd bldg., domestic science bldg. and a classroom and auditorium bldg. The auditorium and balcony will seat about 1250 people and there will be about 19 classrooms. Brick walls, comp. rfg., 1-story and 3-story, cement and maple floors, conc. corridor and stair constr., steel sash, wire glass; $350,000.

BANKS, STORES & OFFICES

Bids Being Taken From A Selected List of Contractors.
BANK BLDG. Cost, $100,000
STOCKTON, San Joaquin Co., Cal. Main Street.
One-story class A bank bldg. designed for 10 stories (brick & terra cotta exterior.)
Owner—Union Safe Deposit Bank.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.

Permit Applied For.
REMODEL Cost, $11,000
STOCKTON, San Joaquin Co., Cal., 105 East Acacia St.
Remodel building.
Owner—Mrs. D. J. Hoult, premises.

Planned.
OFFICE BLDG. Cost, $70,000
OAKLAND, Location not selected.
Three-story reinforced concrete office Building.
Owner — K. L. Hamman Advertising Organization Inc., 525 Market St., S. F. and 316 13th St., Oakland.
Architect—Not selected.

Plans Complete — Sub-Figures Being Taken.
STORE & OFFICE Cost, $200,000
SAN FRANCISCO, N Market bet. Kearny and Montgomery Sts.
Four-story class A store and office building with terra cotta exterior.
Owner — Crocker Estate Co., Crocker Bldg., San Francisco.
Architect — Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor — Dinwiddie Constr. Co., Crocker Bldg., San Francisco.
Engineer—T. Ronneberg, Crocker Bldg. San Francisco.

Additional Contracts Awarded.
BANK & OFFICE BLDG. $1,000,000
FRESNO, Fresno Co., Cal., Mariposa & J Streets.
15-story class A bank and office bldg.
Owner—Pacific Southwest Trust and Savings Bank.
Architect — R. L. Felchlin, Patterson Bldg., Fresno.
Linoleum and linotile to Berg Furniture Company of Fresno.
Glass & glazing to Tyre Bros. Glass Co., Fresno, $11,586.
Finish hardware to Barrett-Hicks Co. of Fresno, $8178.

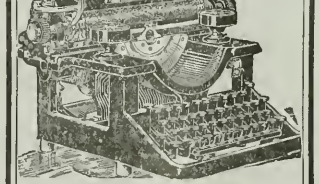
Plans Being Prepared—Cont. Awarded.
STORE BLDG. Cost, $85,000
OAKLAND, Alameda Co., Cal., SE 19th and Franklin Sts.
Three-story and mez floor brick and reinforced concrete store bldg.
Owner—G. B. Hengen, Piedmont.
Designer & Contractor—Fred Muller, Syndicate Bldg., Oakland.

Contracts Awarded.
BANK BLDG. Cost, $100,000
SAN FRANCISCO, NW Valencia and 22nd Streets.
One-story reinforced concrete branch bank building.
Owner — Hibernian Savings & Loan Society.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Engineer—C. H. Snyder, 251 Kearny St San Francisco.
Excavating, concrete and mason work and setting of terra cotta awarded to Monson Bros., 251 Kearny St., San Francisco.
Steel awarded to California Steel Co., Hobart Bldg., S. F.
Mill and carpentry work to Mullen Mfg Co., 635 Mission St., S. F.
Granite work to Raymond Granite Co., 3 Potrero Ave., S. F.
Terra cotta work to N. Clark & Son, 116 Natoma St., S. F.
Other contracts will be awarded later this week.

Contract Awarded.
ALTERATIONS Cost, $9000
SAN FRANCISCO. NW Market 700 NE Marshall Square.
Alter two store fronts.
Owner—Nathan L. and Wm. W. Lester
Architect—D. C. Coleman, 1171 Market St., San Francisco.
Contractor—Samuel B. Davis.

Sub-Figures Being Taken.
STORE BLDGS. Cost, $20,000 each
BERKELEY, Alameda Co., Cal., Telegraph Ave. bet. Allston and Bancroft Way.
Two 1-story reinf. concrete store bldgs.
Owner — Wm. G. Gilmour, 5121 Geary St., San Francisco.
Contractor—Geo. Wagner, South Park and 3rd St., San Francisco.
One building has been started and other will be started in a few days.

KING'S ORIENTAL STUCCO
Uniform Color and Texture
Waterproof, Durable
Manufactured by
J. B. KING & CO.
NEW YORK
Send for Color Card
A. L. GREENE
Pacific Coast Sales Agent
490 Burnside St., Portland
1151-53 Mission St, San Francisco



Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

CROWE GLASS CO.
574 Eddy St.
Phone Prospect 612
Equipped To Handle Any Size Job.
DIRECT FACTORY BUYERS

ntract Awarded.
JNIC ETC Cost, $11,640
N JOSE, Santa Clara Co., Cal., 9th and San Fernando.
nic and offices.
/ner—Dr. M. W. Kapp, 197 S 13th St., San Jose.
chitect—Wolfe & Higgins, Auzerais Bldg., San Jose.
ntractor—H. R. Sherman, 528 Chapman, San Jose.

ans Being Prepared.
FFICE & STORE Cost, $—
AKLAND, NE Hobart & Webster Sts.
reproof office and store bldg. (height and type of construction not decided).
wner — Builders Exchange Holding Cptn., 351 12th St., Oakland. E. M. Tilden, chairman; other members of the corporation are L. D. Frazee, T. D. Sexton, Geo. Jannison and W. G. Thormally.
rchitect—Howard Schroeder, 357 12th St., Oakland.
E. M. Tilden is president of the uilders Exchange and E. W. Shaw, ecretary.

ommissioned To Prepare Plans.
TORE BLDG. Cost, $200,000
ACRAMENTO, Cal., "J" St., bet. 11th and 12th Sts.
hree-story and basement reinforced concrete department store bldg. with terra cotta exterior.
wner—Chas. P. Nathan & Sons Co., 800 L St., Sacramento.
rchitect—Hemmings & Starks, Ochsner Bldg., Sacramento.

ıb-Figures To Be Taken In a Few Days.
DDITION Cost, $40,000
ne-story class C addition to store building.
wner—Roos Bros., premises.
rchitect—S. Heiman, 57 Post St., San Francisco.
ontractor — MacDonald & Kahn, 130 Montgomery, San Francisco.
Construction has been started.

ıb-Figures Being Taken for Steel, Plumbing and Electrical Work.
TORE & LOFTS Cost, $70,000 each
AN FRANCISCO, S Market St., 50 E Eighth.
wo 4-story and basement steel and reinforced concrete store and loft buildings.
wner—Marion Realty Co.
rchitect—D. C. Coleman, 1171 Market St., San Francisco.

lans Being Prepared.
TORE & OFFICE BLDG. Cost, —.
ACRAMENTO, Cal., K St. bet. 11th and 12th Sts.
hree-story class A steel, brick and terra cotta store and office bldg. designed for a 12-story structure.
wner—Wm. S. and H. H. Hart.
rchitect—F. A. Foale, Ochsner Bldg., Sacramento, Cal.

LOS ANGELES, Cal. — The Doheny nterests have purchased the s.w. corer of 10th and Flower Sts., 175x165 t., and plan the erection of a class A ffice bldg. for the Pan-American il Co. of which E. L. Doheny is presient. The s.e. corner of 10th and Flowr Sts. has been purchased by the hell Oil Co. for the purpose of erectig a class A office bldg. to house its cal departments.

LOS ANGELES, Cal.—Archts. John Parkinson and Donald B. Parkinson, 420 Title Insurance Bldg., have completed plans for a 10-story and basement class A mercantile bldg. to be erected at 650 S Hill St. for Bullocks Department Store. Dimensions, 40x139 ft., steel frame construction, brick filler walls, reinf. concrete fls., press. brick and terra cotta facing, plate glass, 6 passenger elevators, 1 service and 1 freight elevator; $400,000.

LOS ANGELES, Cal.—See "Theatres" this issue.

SAN FRANCISCO — The Woolworth Co. has purchased the lease of Rosenthal's Shoe Co. at No. 165 Post St. and will make extensive improvements to the store interior and exterior for a new 5 10 & 15 cent store.

SAN LUIS OBISPO, Cal.—Security Title Insurance & Guaranty Co., E. F. Rogers, manager, contemplates erection of modern office structure to house the company business. A portion of the building will be leased to other interests.

SAN JUAN, San Benito Co., Cal.—E. P. Giacomazzi has had plans prepared for a two-story theatre and office building to be erected on site of old Star Theatre, recently destroyed by fire. Est. cost, $10,000. The site is now being cleared.

SAN JUAN, San Benito Co., Cal.—See "Banks, Stores and Offices," this issue. Theatre and offices.

SAN FERNANDO, Cal.—See "Hotels" this issue.

LOS ANGELES, Cal.—The Local Investment Co. has been formed by Leo M. Harvey, president of Harvey Machine Co., and associates for the purpose of erecting a 12-sto. class A store and loft bldg. at s. w. cor. of 10th and Hill Sts. The site is 100x150 ft. Plans will be prepared by the Milwaukee Building Co. and work will be started next June. The bldg. will cost $1,500,000.

LONG BEACH, L. A. Co., Cal.—W. L. Porterfield announces that the Milwaukee Bldg. Co., Wright & Callender Bldg., L. A., is completing plans for a 12-story class A bldg., 75x100 ft., to be erected on his property southwest cor. of Pine Ave. and Ocean Blvd. (48177) 1st report Oct. 20, 1923. 16

POMONA, L. A. Co., Cal.—Meier and Bounetheau, 526 Title Ins. Bldg., are completing plans for a 3-story department store bldg. to be erected at Pomona, for C. O. Bowen & Sons. Three-story and basement, 50x100 ft., brick walls, press. brick facing, tar and gravel rfg., struc. steel, cem. and hardwood fls., passenger elevator, plate glass; $40,000. Owners will erect by day labor.

THEATRES

PASADENA, L. A. Co., Cal.—Clarence L. Jay, 301 Braley Bldg., Pasadena, and H. M. Patterson, 325 O. T. Johnson Bldg L. A., assoc. archts., are preparing plans for a $150,000 2 and 3-story and basement class C theatre, store, office and apt. bldg. to be erected at n.w. corner Washington St. and Prime Ct., Pasadena, for the Barney Judge interests, W. M. Patch, mgr. Four stores, 20 offices, 30 apts. and 900-seat theater. Found., 114x206 ft., brick walls, stucco exter., tile and comp rfg., cast stone trim, tile lobby floor, wrought iron work, hardwd. apt. fls., tile baths and drainboards, pine trim, disap. beds, gas rads.

LOS ANGELES, Cal.—A syndicate including M. A. Hamburger, Joe Toplitzky, A. Fleishman, W. H. Clune and R. H. Parker has been formed for the purpose of erecting a 12-story class A theatre and office bldg. on Broadway near 9th St. on the Mission theatre site. The site is 120x163 ft. The Orpheum Circuit has take an lease on the theatre portion of the proposed bldg. Schultze & Weaver, Pac. Mutual Bldg., will be the archts. The bldg. will cost $1,500,000.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Figured—Bids Close Jan. 31, 1923.
SWIMMING POOL Cost, $15,000
PIEDMONT, Alameda Co., Cal., 101 King St.
Reinforced concrete swimming pool.
Owner—R. Stanley Dollar, premises.
Architect—C. W. McCall, Central Bank Bldg., Oakland.

Bids Opened—Contract To Be Awarded In a Few Days.
UNDERTAKING PARLORS $20,000
SAN RAFAEL, Marin Co., Cal., E St.
Two-story class B undertaking parlor building.
Owner—F. E. Sawyer Co., 1004 4th St., San Rafael.
Architect & Mgr. of Constr. — Capt. H. Hearfield, Fairfax.

E. R. McDougall, San Rafael	$17,316
Allen Co., San Anselmo	17,938
J. E. Leibert, S. F.	18,967
S. Saywell, San Anselmo	18,995
E. D. Tallman Jr.	19,500
Jos. Drew	19,850

LOS ANGELES, Cal.—Dormitory and convent. See "Schools," this issue.

LOS ANGELES, Cal.—G. T. Gayton, 9 Mira Mar Ave., Long Beach, and 127 Weller St., L. A., will erect a 4-story brick bldg. for an industrial home on Weller St. between 1st and 2nd Sts., east of Los Angeles St., for the Salvation Army. It will contain offices, work rooms, dining rooms, kitchen, dormitories and 50 rooms; dimensions, 46x158 ft., brick walls, ruffled brick facing, fire escapes, struc. steel, comp. rfg., metal skylights, pine trim and fls., baths; $75,000.

PIEDMONT—See "residences," this issue.

SALINAS, Monterey Co., Cal.—Ruggles and McKee, 1429 Broadway, Oakland engineers, seek commission from city council to prepare plans and specifications for the new grandstand and agricultural pavilion to be erected in the Rodeo grounds should the bond issue carry. The issue provides $40,000 for grand stand and $10,000 for pavilion.

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Fire Protection Products Co.
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
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3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Building and Roofing PAPERS
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118-124 FIRST STREET
Tel. Sutter 646

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

Leads for Business

ACCOUNTANTS—J. H. Cago, 315 to 105 Montgomery.
ADVERTISING—N. W. Ayer & Son (C. H. Thornley), 215 Market.
ARCHITECTS—L. W. Hurd & C. F. Masten, 168 Sutter to 278 Post.
ATTORNEYS—Kirkbride & Gordon & N. P. Postelthwaite, to 564 Market.
Jos. F. O'Maller, 460 Montgomery to 593 Market.
AUTOMOTIVE—Boyer-Brouillet Motor Co. (G. A. Boyer, Ray Brouillet) 1414 Van Ness Ave, is opening 2 branches.
Firestone Tire & Rubber Co., 111 Townsend, opening store Gough and Market.
Stearns Knight Auto Agency, 1299 Bush to 1417 Van Ness Ave.
Economy Piston Ring Co., 112 Market to 1163 Post.
BOXES—Union Paper Box Factory (A. J. Blumenthal), 718 to 1629 Mission.
BROKERS—J. F. Butts Co., (canned goods), Oceanic Bldg. to Alaska Commercial Bldg.
CANDY—Orange Blossom Inc. 47 Kearny, 411 Sansome.
CHEMICAL PRODUCTS — Lange & Stroh (Mr. Boradori and Lange) to 200 Davis.
Dorch Chemical Co. (Mr. Prazier) to 200 Davis.
CHURCHES—United Brethern Church planning $40,000 church building, Stockton.
CLEANING AND DYEING — Anselmo Spediacci, 4797 to 4849 Mission.
COOKERS—National Cooker Sales Co. (R. A. Brown) 277 Pine to 365 Market, Feb. 1.
CORK PRODUCTS—L. Mundet & Sons (Geo. W. Sanders) 429-431 Jackson.
DENTISTS — J. W. Thatcher to 3009 16th.
DRUGS—Picetti's Pharmacy, 4661 Mission.
GOWNS — Individual Gown Shop, 545 Sutter.
GROCERS—Simon Bros 2794 to 2829-39 California.
Fred Brauer, 331 Clement to 762 Divisadero.
Claus Feil, 1534 Church.
ICE PLANTS—Peninsula Ice Delivery Co. building $50,000 ice plant, San Mateo.
JEWELERS—New business 54 Taylor.
LEASES—Store NW Folsom and Seventh to be altered for new tennant.
MFRS. AGENTS—F. J. Hearty & Co., Rialto Bldg. to 75 Fremont.
MEAT—Ecklon Bros. (wholesale), 444 Jessie to 934 Larkin.
OIL—Consolidated Mutual Oil Co. and East Side Investment Co., 351 California to Stock and Bond Exchange Building.
PRINTING — Elite Printing Co., 3459 18th to 699 Valencia.
PUMPS AND TANKS—City Clerk Amiraux to purchase pump for municipal water system, Corcoran.
RADIO — Radio Art Studio (Jos. B. Trelkeld Jr. and Thos. R .Catton Jr.) 492 Sutter.
DEAL ESTATE—Lincoln Way Realty Co., 1849 Lincoln Ave.
RESTAURANTS — Rockaway Restaurant changing management, 250 Leavenworth.
A. Laureti, 2798 Bryant.
Tao Yuen, 823 Clay.
STOCKS & BONDS—John W. Schultz Co., Spreckels Bldg.
TELEPHONE EXCHANGES — Archts. Bliss & Pavilie (593 Market) to take bids $175,000 exchange building for Pacific Tel. & Tel. Co., Sacramento.
MISCELLANEOUS—A. D. Murray, 821 Market.
H. A. Magnussen, 358 Sutter.
C. S. Simons, Jr. and J. F. Millwood 933 Geary.
Palo Alto to install 20,000 feet of water mains.
Park Commissioners plan forty tennis courts in park stadium of Golden Gate Park.
Sprinkling system to be installed in Roeding Park, Fresno.
Board of Education planning auditorium building at High School grounds, Berkeley.

LEASES—Jan. 15, '24—John W Enright and Dr George J Sweeney admr estate Mary A Sweeney decd to M Kriger and David Strauss—S Howard & 7th SW 111 x SE 100 5 yrs $4500.
Jan. 18, '24—Frederick Mason to Sue R Merriman — 717 Hyde St. W side Hyde on lot comg 62-6 N Post on W side Hyde St 10 yrs $34,800.
Dec 5, '23—W P Carroll to Joe Terzovich and John Phillips—NW cor 8th & Howard Sts No 198 8th St 5 yrs $4140.
ADDING MACHINES—Burroughs Adding Machine Co., 45 Second to 339 Bryant soon.
ANTIQUES—J. Jacobs, 1915 Sutter.
ART STORE — Art Miniature Studio, 508 Powell.
AUTOMOTIVE — Flynn & Collins, 500 to 583 Golden Gate Ave.
Geo. W. Miller (autom parts), 523 to 500 Golden Gate Ave.
Western Motors Co., 2000 to 1519 Ness Ave.
Western Auto Supply Co. branch 600 Van Ness Ave.
Wm. Krouse (ship) 4622 Geary.
Otto Ryberg (supplies) 205 4th.

CHEMICAL PRODUCTS — Associated Color & Chemical Co. (D. F. Driscoll and H. P. Ford) 590 Howard.
CIGARS—New store 695 Sutter.
DELICATESSEN — Paula Link, 3347 24th.
DRAYAGE—Walter Kentner, 527 10th.
FACTORIES — L. A. Giacobbi & Sons, 150 Post, building $16,000 two-story 7500 sq. ft. factory, NS Bryant, 175 W 3rd, available for lease.
FLATS—John McClements (1215 Filbert) at NE Filbert and Baker, $14,000.
FURRIERS — Mauser Fur Shop, 821 Market to about 324 Sutter.
GROCERS—Luigi Bocolioni succeeding C. Perazzo & John Camicia, 450 Sixth
HABERDASHERY — New business about 63 Taylor.
IMPORTERS—A. C. McCallister Co., 760 Market.
INCORPORATIONS — Tulare Theatre Co., $10,000. E. H. Emmick, 177 Golden Gate.
INSURANCE — Underwriters Salvage Co. (G. G. Scarlett, gen mgr., J. S. Patton, asst gen. mgr.) near 212 Mission soon.

NOTE:—The following K.C.B. letter is from the fertile brain of Charles E. Jerrett of the Queen Insurance Company at Georgetown, California. Mr. Jerrett won the fourth prize (a carload of Pratt's clean, sharp sand from Marysville, Sacramento or Prattco, Monterey County) in Sandy Pratt's mammoth contest for a commercial name for Sandy's new crushed rock and gravel from Prattrock, near Folsom. The first prize and the name selected was "Prattrock" crushed rock, gravel or screenings.

As Mr. Jerrett wrote such a complimentary letter about Clarence Sand Pratt (alias Sandy Pratt), President of the Pratt Building Material Co., Sandy is printing same here so the world may read it.

GEORGETOWN, CALIF., December 26, 1923.

* * *

DEAR SANDY Pratt.

* * *

OFF COMES my hat.

* * *

AND HERE'S my hand.

* * *

I THANK you for.

* * *

THAT LOAD of sand.

* * *

BUT UP here.

* * *

ON THE mountains high.

* * *

WHERE WE hang on.

* * *

T'WIXT EARTH and sky.

* * *

WE NEED no sand.

* * *

FOLKS HAVE enough.

* * *

OF GRIT and sand.

* * *

AND ALL that stuff.

* * *

NOW, WHAT we need most.

* * *

IF YOU would know.

* * *

IS THAT which makes.

THE OLD mare go.

* * *

SO SELL the prize.

* * *

AND SEND to me.

* * *

A CHECK all signed.

AGAIN MY hand.

* * *

AGAIN MY hat.

* * *

HERE'S FOR success.

* * *

BOLD SANDY Pratt.

* * *

YOU'VE MADE the grade.

* * *

ON TOP you stand.

* * *

IN A strong house, built.

* * *

BY OUR rock and sand.

* * *

NEAR K. C. B. (Chas. Jerrett).

Mr. Jerrett of Georgetown, Eidorado County, brags about his country and Sandy Pratt, producer of clean, sharp sand and rock, but say Charlie, is the fishing good up your way and when should B. A. Fisherman and Miss Minnie Fish of the Pratt Building Material Co. come up?

JEWELERS — Briggs Jewelry Co., 54 Taylor soon.
LEASES —L ouis Lompre, 256 Leavenworth.
P. L. Warne, 1030 Larkin.
MACHINERY—Rawling Mfg. Co. (foot lock vices) 564 Market.
REAL ESTATE—Koff Realty Co., Inc. Golden Gate Bldg.
MISCELLANEOUS — L. Morlock, 173 Jessie.
Elmer P. Norhouse Co. (W. P. Shackelton, A. F. Dailey, R. B. Hoffman) 16 California.
Louis Johnson, 2260 19th Ave., to erect 200 room hotel, S. S. Eddy, 100 E Jones.
California Packing Corp. (P. L. Bush, engineer) 101 California, preparing plans $1,000,000 cannery, Sacramento.
Central Lemon Assn., Orange, Cal. to erect $75,000 (350 carload) packing plant.
Seventy-five room hotel, $100,000 to be erected Bandon, Ore.
Archt. L. P. Hobart, (620 Market), taking bids $100,000 bank bldg., Stockton.
San Rafael to buy 16 single lamp electroliers.
Walter Mork plans $12,000 addition to plant, Berkeley.
Archt. W. H. Weeks, 369 Pine, taking figures $100,000 lodge bldg., Woodland.
C. F. Girreus (Star Motor Co.) plans garage and salesrooom at Sebastopol.
Pacific Fruit Express Co. (65 Market) plan car shops at Roseville.
Community Church to rebuild $75,000 at Davis.
A. D. Murray, 821 Market.
H. A. Magnussen, 358 Sutter.
C. S. Simons, Jr. and J. F. Millwood, 933 Geary.
Palo Alto to install 20,000 feet of water mains.
Park Commissioners plan forty tennis courts in park stadium of Golden Gate Park.
Sprinkling System to be installed in Roeding Park, Fresno.
Board of Education planning auditorium building at High School grounds, Berkeley.
LEASES—Jan. .., '24—Frank Freitas and A G Johnson to James Pavlos and Sam Fountas—E Fremont and Market NE alg SE Market 91-8 x 137-6 5 yrs $85 per mo etc.
Jan 4, 24—The Pacific Telephone & Telegraph Co to Souther Warehouse Company—S Plum 232S-2½ B S 85-1 W 281-3 N alg E Mission 81-6 to beg ptn M B 15 1 yr 7 mos $300 mo.
Nov 14, 23—Samuel H Levin Inc to Peter C Maches and Achilles Condas —S Union 90 E Webster E alg Union 40 x 100 10 yrs $25,500.
Jan. 16, 24—F von Borstel to William Recca—NE 5th & Mission Sts No 89A 5th St 38 mos $3230.
ACCOUNTANTS — Rodriquez Simple Service System (J. L. Rodriquez) 681 Market.
APARTMENTS—Archt. J. C. Hladik 681 Market, completed plans $15,000 apt. building for J. Fritsch (825 Monadnock Bldg.) S O'Farrell, E Leavenworth.
ATTORNEYS—A. A. Tiscornia, 709 Mission to Market Bldg.
G. E. Lyon, 622 Washington.
AUTOMOTIVE—Auto-Pas Safety Light Co., Oceanic Bldg. to Alaska Commercial Bldg.
N. L. Ferrari (Service station) Mission and Ney.
BROKERS—Nyams & Mayers (insurance) 433 California to 142 Sansome.
CANDY—Nick Chirigotis, 1630 Ocean.
CIGARS—R. S. Reysen, 2758 24th.
CLEANING & DYEING — St. Francis Cleaning & Pressing Parlor, 112 Mason.
COLLECTION AGENCIES — Turner's Law & Collection Co., 948 Market.
CONVENTIONS — January (tentative) Supreme Lodge, Knights of America, N. Jacobs, Supreme Sec., 172 Golden Gate Avenue.
February 5-6—Fire Underwriters Association of the Pacific, J. H. Harrison, Sec. 225 Sansome.
DECORATORS — Kalma Arts Studio (interior), 335 Sutter to 251 Post.
DRAYAGE—Samuelsen Bros., 153 1st to 267 Clementina.
ENGINEERS—School of Engineering, 74 New Montgomery.
GROCERS—Sarah McIvor, 1567 Folsom New California Grocery, 1175 Turk.
IMPORTERS—Pacific Commercial Co., Clunie Bldg. to Exposition Bldg.
JEWELERS — Boddeley Jewelry Co., 760 Market.
MFRS AGENTS — American Agencies, 709 Mission. Hearst Bldg.
Lange & Stroh to 200 Davis.
MARKETS—L. Gotelli (fruit), 956 Cole.
MINING—Senora Wonder Mining Co., 85 Second.
OIL—Peacock Oil Co. (Angeles Snow-O-lens Refining Co.) 472 McAllister
H. O. Little, distributor, 1410 Pacific.
P. Walsh & Co., Sunset Oil Co. and Hiocene Oil Co., 620 Market to 315 Montgomery.
PHYSICIANS—D. V. E. Putnam to 1195 Bush.
RADIO—Radio Art Studio (Threlkeld & Catton), 492 Sutter.
REAL ESTATE—L. Greenwald, 220 to 315 Montgomery.
RESTAURANTS—Pierre's, 447 Pine.
Superior Cafe, 178 Golden Gate Ave. soon.
SHADE FACTORY — California Shade Cloth Co. building $16,000 addition to factory, 1710 San Bruno Ave.
SOAP AND CLEANERS—Central Soap Co., 421 Bryant.
TAILORS—Isador Cooper, 376 Sutter.
MISCELLANEOUS—Northern Exploration Co., 68 Post.
H. W. Knowles, 485 California.
C. B. Stevens, 55 New Montgomery.
Auburn to build $50,000 elementary school. Oroville to vote bonds for $50,000 school.
Archt. W. H. Weeks (369 Pine) to take figures shortly $325,000 school building, Lemoore. Same architect is planning $50,000 school building for Kelseyville.
P. G. & Electric to commence $75,000 sub-station, Leidesdorff and Commercial soon.

Contractors, Builders, Engineers, You Can Now Protect Your Checks right on the job if you have a

"Security CHECK PROTECTOR FOUNTAIN PEN"

The Steel Cutting Wheel on the end perforates and forces a red acid proof ink into the fibre of the paper, protecting the amount, payee's name date, number of check, and all kinds of negotiable papers.

NEW FROM END TO END

Most perfect writing instrument made.

PRICES

$3.50 to $7.00

COUNTY and GENERAL AGENTS WANTED

SECURITY SALES CO.

253 MONTGOMERY STREET
San Francisco, Calif.

Archts. Henry H. Meyers and Geo. K. Klinkerdt, Kohl Bldg., taking figures on $30,000 cottage style children's hospital, Belmont.
ADDRESS WANTED—Som-Row Paint Removing.
LEASES—Nov. 3, 1923—Salvatore Tarantino, Dominic Tarantino, Anthony Tarantino and Lilo Tarantino to John Hill—N Turk 98-9 E Taylor St. Thames Hotel 74 Turk St. 7 years $52,275.
Jan. 10. '24—H F and Mary Constance Ramaciotti to Peter Caswell — W Jones 77-6 N Turk No. 225 Jones St 10 years $76,800.
Feb. 15, '24—Mrs Grace Ormart to Lucien La Coste—N Eddy bet Mason & Taylor No 144 Eddy St 3 years $28,800.
Jan. 1, '24—J E Lawson to Vincent Barsotti and Achille Massei — 5527 Geary St 5 years $85 per mo etc.
APARTMENTS—Archts. Baumann and Jose (251 Kearny) to take figures $100,000 forty apt. building, N O'Farrell, 60 s Hyde, and $40,000 twelve apt. building W S Van Ness Ave, S of Filbert; also $150,000 fifty apt. bldg. NE Hyde and O'Farrell.
Mel I. Schwartz (14 Montgomery) is architect for $12,000 five apartment building to be erected SE Carl and Willard.
Costello Bros. (821 34th Ave) to construct $9000 frame apt. building, NW Cabrillo and 2nd Ave.
ATTORNEYS—M. F. Welch, 220 Montgomery.
F. T. McGrath, Hearst Bldg.
W. K. Casey, 244 California.
AUTOMOTIVE—Rollins Motor Car Co. to be distributed by T. E. McManus, 1529 Van Ness Ave. with branch at 3034 Broadway, Oakland.
Washington Square Garage, 1624 Stockton.
Union Ice Co. (554 Pine) erecting garage in Oakland.
BARBERS—M. C. Esposito, 349 Columbus.
BEAUTY PARLORS — Miss Virginia Windle, P. O. Box 387, Banning, Cal., is in market for beauty parlor equipment, fixtures and supplies.
Miss A. M. Hubacher, 1713 Polk.
BEDDING — Sterling Bedding Shop (5530 Geary) branch 406 Divisadero.
BROKERS—Gunther & Eva, 364 Bush to 235 Montgomery.
CHURCHES — Methodist Episcopal Church, San Mateo, plan new church building.
CIGARS—I. Asch, 648 to 760 Market.
CLOAKS AND SUITS—Collins Cloak & Suit Co., 780 Market in March.
CLOTHING—M. Unger (2nd hand) 695 Howard.
CROCKERY — Danner & Baker Inc., 3254 22nd to 1366 Mission.
DELICATESSEN—Hyde St. Delicatessen, 1865 Hyde.
DRAYAGE—Jenny Bros., 306 Leavenworth.
ELECTRICAL — Hayward to install 9 electroliers.
Fuel—Utah Coal Sales Agency, 369 Pine to 582 Market.
GROCERS—J. Iffla, 4901 Mission.
HOTELS — John Hill leased Thames Hotel, 74 Turk.
INSURANCE — Underwriters Salvage Co. (G. C. Scarlett, gen. mgr., J. S. Patton, asst. gen. mgr.) near 212 Mission soon.
L. J. McMahon, 105 Montgomery.
LEASES—Vincent Barsotti and Archille Massei leased 5527 Geary.
Sue R. Merriman leased 717 Hyde.
MACHINERY—Barde Steel & Machinery Co., 19 Minna to Fife Bldg.
MFRS. AGENTS—A. L. Jones, Sharon Bldg.
MILLINERY — Marta-Beverley Shop, 166 Geary.
PIPE—City clerk, Redwood City, buying water pipe and fittings.
PUBLISHERS—MacMillan Co. 350 Mission.
REAL ESTATE—Valencia Co., 16 California.
C. J. Berger, 235 Montgomery.
RESTAURANT—Jose Gauffrae, 403 3rd
MISCELLANEOUS—Chas. Viguie, 117 Post.
Association of the Army, 220 Mills Building.
Merchants & Physicians Clearing House, Schmidt Bldg.
Bakersfield to purchase tractor for street department.
Security Title Ins. and Guarantee Co., Fresno, to construct six-story office building.

(Continued on Page 22)

TRAINED MEN SUCCEED!

You can be trained here in three of the most essential branches of learning required for success in the building business

Architectural Drawing
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Short intensive night study courses with personal instruction by a practical teacher

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Official Proposals

INVITATION FOR PROPOSAL

(Alterations, Changes, Etc., at the U. S. Post Office, San Francisco, California)

Office of the Supervising Superintendent, Room 402 U. S. Post Office Building, San Francisco, California.

January 17, 1924

Sealed proposals will be opened in this office at 12 o'clock M. on January 31, 1924, for alterations, changes, etc., at the U. S. Post Office, Court House, Etc., San Francisco, California.

Drawing and specification may be obtained at this office at the discretion of the Supervising Superintendent.

WM. ARTHUR NEWMAN,
Superintendent.

NOTICE TO BIDDERS

(Pump—City of Corcoran)

Notice is hereby given that sealed bids will be received by the City Clerk of the Board of Trustees of the City of Corcoran, County of Kings, State of California, at the City Hall in the City of Corcoran, County and State above mentioned up to and until 8 o'clock p. m., February 4, 1924, for furnishing the following, to-wit:

1—Turbine pump with motor and starter installed.

Pump to fit inside 11⅝ casing.

Pump to deliver approximately 900 gallons of water per minute.

Pump to be direct connected to 40 degree, 60 cycle, 220 volt motor of not over 1200 R. P. M.

Starter to be General Electric Automatic type C. R.

Bids to be made separately on 60, 70 and 80 ft. settings.

Bidders to specify amount of water delivered and horse power used at the different depths.

Each bid must be accompanied by a certified or cashier's check in a sum of not less than 10 per cent of the amount bid, payable to the City of Corcoran as evidence of good faith on the part of the bidder.

The Board of Trustees reserve the right to reject any and all bids, or to accept the bid considered by them best for the said City of Corcoran.

Dated January 18, 1924.

JAS. C. CONDON,
Clerk of the City of Corcoran, County of Kings, State of California.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be receive at the office of The California Highway Commission, 515 Forum Building, Sacramento, Cal., **until 2 o'clock P. M., on February 18, 1924,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, of portions of State Highway as follows:

Imperial County, between 2¼ miles east of San Hills and Colorado River (VIII-Imp-27-B), about eleven and nine-tenths (11.9) miles in length to be graded and surfaced with crushed gravel or stone.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Association.
R. M. Morton,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated January 21, 1924.

> A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is aseured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.
>
> **Rate:** 10 cents per line, per insertion.
>
> All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO CONTRACTORS

(Hanford Union High School District)

Pursuant to an order of the Board of Trustees of the Hanford union High School District, duly passed and entered on its minutes of January 14, 1924, notice is hereby given that said Board will receive sealed proposals for the following work:

1—For the erection and completion of a Class "C" Shop Building.

2—For furnishing and laying linoleum in the corridor of existing Academic Building.

Plans and specfications are on file with the Clerk of the Board. Copies may be obtained at the offices of Coates and Traver, Architects, 626 Rowell Building, Fresno, California.

All bids must be in the hands of George Armstead, Clerk of the Board at the High School Building, Hanford, on or before **7:30 P. M., February 11th, 1924.**

A certified check or bidder's bond equal to 10 per cent of the amount of the bid submitted, must accompany each proposal.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

The Board reserves the right to reject any or all bids received.

All bids must be sealed and the name of the bidder marked on the outside of the envelope.

BOARD OF TRUSTEES OF THE HANFORD UNION HIGH SCHOOL DISTRICT.

G. W. ARMSTEAD, Clerk.

NOTICE TO CONTRACTORS

(State Capitol Grounds Improvements)

Sealed bids will be received by George B. McDougall, state architect chief, division of architecture, Forum building, Sacramento, California, up to and including **12 o'clock noon, Tuesday, January 29, 1924,** said bids then and there to be publicly opened and read, for furnishing all equipment, materials and labor and doing all work required for the construction and completion of alterations to driveways, capitol building grounds, Sacramento, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the division of architecture, state department of public works, Forum building, Sacramento, California.

Such bids will be received for all work complete, and must be submitted on forms prepared and furnished by said division of architecture.

Cash, a bidder's bond made payable to the state of California, or a certified check made payable to the "state engineer, department of public works," in the sum of at least ten per centum (10%) of the amountof the bid, must be enclosed with each bid.

The division of architecture, state department of public works, reserves the right to reject any or all bids and to waive any informality in any bid received.

All bids must be addressed to George B. McDougall, state architect, chief, division of architecture, Forum building, Sacramento, California, and plainly marked on the envelope: "Proposal for alterations to driveways, Capitol building grounds, Sacramento, California."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE,

GEORGE B. McDOUGALL,
State Architect.
W. F. McCLURE,
Director of Public Works.

NOTICE TO CONTRACTORS

(Sacramento County—County Jail Repairs)

Sealed bids will be received by the Clerk of the Board of Supervisors of Sacramento County, California, at the office of the said Clerk of the Board, in the Court House, Sacramento, California, up to **ten o'clock a. m., Monday, the 11th day of February, A. D., 1924,** for the furnishing and installing of fifty-seven (57) bunks and plumbing fixtures in the County Jail.

Each bidder must submit a proposal to the Clerk of the Board of Supervisors on standard forms which may be obtained from the County Engineer, said proposal to be accompanied by a certified check of ten per cent of the amount bid, check to be made payable to the Chairman of the Board of Supervisors of Sacramento County, California.

Plans and specifications are on file in the office of the County Engineer and the Clerk of the Board, to which bidders are hereto referred to.

The Board of Supervisors reserves the right to reject any and all bids received and waive any informality in the bids received as the public good may require.

HARRY W. HALL, Clerk
By William Hickey, Deputy.
Dated January 21st, 1924.

NOTICE TO BIDDERS

(Water Main Extension Materials—Sacramento, Calif.)

Bids will be received by the City Council of the City of Sacramento in the Council Chamber, in the City Hall on I street, between 9th and 10th Sts., **between the hours of 8:15 and 9:15 o'clock P. M., on Thursday, January 31, 1924,** for the furnishing of miscellaneous material consisting of cast iron Ells, T's, Plugs, C I Crosses, Sleeves, etc., for the Water Mains Extensions, to be in accordance with specifications adopted by the City Council at a meeting held on January 17, 1924, and to conform to all the standards of the American Water Works Association. Delivery of the above material must be f. o. b. Sacramento Steamer Landing.

All such proposals must comply with requirements of the new Charter of the City of Sacramento, effective June 30th, 1921, and bidders are hereby cautioned that no bid which fails to comply therewith can be considered.

Bids must be submitted upon printed forms with instructions prepared by the City, copy of which will be supplied free upon application to the undersigned.

A certified check made payable to the City Controller or a cash deposit for an amount not less than five (5) per cent of the aggregate of the proposal must accompany each bid, said bid to be enclosed in envelope marked "Sealed Proposal for Material for Water Mains Extensions," which may be had upon application to the City Clerk.

The right to reject any and all bids is reserved by the City by provisions of the Charter.

H. G. DENTON,
City Clerk of the City of Sacramento.

NOTICE TO BIDDERS

(Town of Redwood City—Pipe and Fittings)

Public notice is hereby given that sealed bids will be received by the Board of Trustees of the Town of Redwood City, California, up to and including Monday, the 4th day of February, 1924, at the hour of 7:30 p. m. for the following materials to be delivered f. o. b. cars at Redwood City, to-wit:

8000 feet of three-quarter inch pipe.
6000 ft. of 1½-in. pipe.
5000 ft. of 2-in. pipe.
200 three-quarter-inch tees.
100 1½-in. by ¾-in. tees.
100 2-in. by ¾-in. tees.
25 1½-in tees.
25 2-in. tees.
25 2-in. by 1½-in. tees.
200 ¾-in. ells.
100 ¾-in. street ells.
50 1½-in ells.
25 2-in. ells.

All pipe and fittings to be of genuine wrought iron, galvanized.

All pipe shall be standard size, full weight, shipped in random lengths, threaded both ends, couplings on one end. Three-quarter inch pipe may be butt welded but large sizes shall be lap welded. Weight of pipe shall not vary more than five per cent from following:

Three-quarter inch pipe—1.13 lbs. per foot.

One and one-half inch pipe—2.73 lbs. per foot.

Two-inch pipe—3.67 lbs. per foot.

Bidders mpst state the name of the manufacturer of the pipe.

All pipe and fittings to be subject to inspection by the Superintendent of the water system of the Town of Redwood City upon delivery and rejected pieces to be stored at the expense and subject to the order of the shipper.

Delivery to be made within thirty days after placing order, contract to be entered into within five days after acceptance of bid.

Bids to be accompanied by certified check to the amount of ten per cent of the total amount of bid payable to the Town of Redwood City. Checks of unsuccessful bidders to be returned at once, check of successful bidder to be returned upon the acceptance of goods ordered.

The Board of Trustees reserves the right to reject any and all bids.

By order of the Board of Trustees of the Town of Redwood City California.

Dated January 7, 1924.

W. A. PRICE,
Clerk of the Town of Redwood City.

BIDS WANTED FOR NEW AUTO PARKING COURT, SAN FRANCISCO STATE BUILDING, CIVIC CENTER SAN FRANCISCO, CAL.

NOTICE TO CONTRACTORS

Informal sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, **up to and including 12 o'clock noon, Tuesday, February 5th, 1924,** said bids then and there to be publicly opened and read, for furnishing all equipment, materials and labor and doing all work required for the construction and completion of a New Auto Parking Court at the San Francisco State Building, Civic Center, San Francisco, California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the Division of Architecture State Department of Public Works, Forum Building, Sacramento, California.

No deposit for plans and specifications will be required but same are the property of the State of California and must be returned.

Such bids will be received for all work complete and must be submitted on forms prepared and furnished by said Division of Architecture.

Cash, a bidders bond, made payable to the State of California or a certified check made payable to the "State Engineer," Department of Public Works," in the sum of at least ten per centum, (10%) of the amount of the bid, must be enclosed with each bid.

The Division of Architecture, State Department of Public Works reserves the right to reject any or all bids and to waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, and plainly marked on the envelope "Proposal for New Auto Parking Court, San Francisco State Building, Civic Center, San Francisco, California."

STATE DEPT. OF PUBLIC WORKS.
DIVISION OF ARCHITECTURE,
Geo. B. McDougall, State Architect.
W. F. McClure, Director of Public Works.

NOTICE TO BIDDERS

(City of Monterey—Conduit)

Notice is hereby given that the Board of Trustees of the City of Pacific Grove hereby invites sealed proposals or bids and sealed proposals or bids will be received at the office of the City Clerk of said City at the City Hall in said City, and up to and including the **18th day of February A. D. 1924 at the hour of 7:30 o'clock P. M.** for furnishing said City with the following materials, to-wit:

Four Thousand (4000) feet of one and one-half (1½) inch Greenfielduct Hot Dipped Galvanized Conduit or equal and Five Hundred (500) feet of one and one-fourth (1¼) inch Greenfielduct Hot Dipped Galvanized Conduit or equal.

All bids must be for materials delivered f. o. b. Pacific Grove.

The board reserves the right to reject any and all bids.

Dated, January 23, 1924.
(Seal) E. S. JOHNSTON,
City Clerk of said City.

LEADS FOR BUSINESS

(Continued from Page 19)

STUDIOS — Joy Golden (dance) 946 Eddy to 2426 California.
TEXTILE—Fox Textile Corp., 821 Market.
ADDRESS WANTED—Goodfellow and Alter Co., mfrs. Dippit Silver Polish. Sem-Row Paint Removing.

ADJUSTERS — E. J. Jolly & Son, 485 California to Dividend Bldg.
APARTMENTS—Architect O. R. Thayer, (110 Sutter), preparing plans for $46,000 twenty-apartment building, SE Buchanan and Hickory.
Architects Behan & Figone, (5734 Geary), have awarded contracts two apartments buildings, $10,000 each E 10th Ave. S of Cabrillo.
ART STORE—California Art Co., Anglo Bldg., 16th and Mission.
ATTORNEYS—R. E. Jeffress, Hearst Bldg.
S. H. Svenson, Hansford Bl. to 760 Market.
AUTOMOTIVE—Royer-Brouillet Motor Co., (1414 Van Ness Ave.), to open branch, 18th Ave. and Geary and Market near Van Ness Ave.
BANKS—Hibernian Savings & Loan to build $80,000 bank building, NW Valencia and 22nd
BEAUTY PARLORS—Bertha Alexander 406 Sutter.
Biddle Shop, 133 Geary.
BROKERS—R. B. Reinig, (mdse.), Dollar Bldg.
CHURCHES—St. Joseph's Parish to erect 7100,000 church building, Bakersfield.
CIGARS—Liberty Bank Cigar Store, Liberty Bank Bldg.
CLEANING & DYEING—Baxter & Tobill, 2844 Mission to 82 Brady.
CORSETS—M. S. Stretch, 233 Post.
DELICATESSEN — Mrs. C. E. Ensuff, 1210 Union.
DENTISTS—Dr. J. R. Howard, (1659 Divisadero), 135 Stockton.
DRUGS — Bayer Co., (California Fig Syrup Co.), 500 2nd to new building 420 2nd.
FLORISTS—Alexandria Flower Shop, (Geo. Weinel), 5416 Geary.
FOOD PRODUCTS — Mi-Champ Salad Dressing Co., J. Roger Beauchamp, res. 1600 Fell.
FURNACE TRANSFORMERS — Pittsburgh Transformer Co., (Mr. Corrin), 74 New Montgomery.
GLOVES—C. Yokom, 821 to 973 Market
HAIR SPECIALIST—Little & Rey, 177 Post.
HATS AND CAPS—Columbia Hat Mfg. Co. (Mrs. S. Orloff and M. B. Gravich) new factory, 1904 Fillmore.
IMPORTERS—Babcock & Templeton, 216 Pine to 52 California.
INVESTMENT COUNSELLOR — Reginald W. Everett, (formerly editor Financial Times), 785 Market.
LABORATORIES — Physiologiacl Laboratory, 1275 Folsom.
LEASES — Peter Caswell leased 225 Jones.
LOCKS—Schlage Co., factory 49 Shotwell.
MFRS. AGENTS—P. J. Forrest, 75 Fremont
MARKETS — Van Ness Market, 2501 Van Nsse Ave.
OPTICIANS—David Seid, 256 California
PRINTING—E. C. Brown, 74 New Montgomery.
PUMPS AND TANKS—Grand View Wash. to buy 100,000 gallon water tank.
REAL ESTATE — A. E. Brune, 228 Montgomery.
Golden Eagle Development Co., 821 Market to 381 Bush.
RESTAURANT—Otto Schlalk succeeding Geo. F. Hall, 870 Illinois, Jan. 26.
STOCKS AND BONDS—West & Co., (J. A. Bull), Stock and Bond Bldg
STUDIOS—Joy Golden, (dance), 946 Eddy to 2426 California.
TEXTILE — Fox Textile Corp., 821 Market.
MISCELLANEOUS—Chas. Viguie, 117 Post.
Association of the Army, 220 Mills Bldg.
Merchants & Physicians Clearing House, Schmidt Bldg.
Bakersfield to purchase tractor for street department.
Security Title Ins. and Guarantee Co., Fresno, to construct six-story office building.
ADDRESS WANTED — Goodfellow & Alter Co., Mfrs. Dippit Silver Polish. Sem-Row Paint Removing.
LEASES—Dec 20, 23—Michael D and Mary A Hardiman to Samuel G Anders—6122 Geary St 5 yrs $35 per mo. July 5, 22—T and G Cohn to N Daskarolis—E Mason bet Washington & Jackson Sts Nos 1256 & 1258 Mission St 78 mos $5280.
Jan 8, 24—J S J Bettman to Albert and Rose Swabsky—NE Fillmore & Golden Gate Ave Nos 1100-1106 Fillmore St 16 mos $3360.
SUBLEASE—Jan 21, 24—Efthimos Vellis to James Katsulis—E Mission bet 18th & 19th Sts Nos 2187-2189 Mission St 7 yrs $4200.
REAL ESTATE—M. V. B. MacAdam Co. to 45 Sutter.
B. S. Berry, 110 Sutter.
SHOES—Anker & Kaufman, 1607 Fillmore.

Engineering News Section

BRIDGES

SANTA ROSA, Sonoma Co., Cal. — Until Feb. 12 bids will be rec. by W. W. Felt, Jr., county clerk, to const. bridge on state highway bet. Santa Rosa and Sonoma. E. A. Peugh, county surveyor.

YREKA, Siskiyou Co., Cal. — Until Feb. 5, 10 a. m., bids will be rec. by W. J. Neilon, county clerk, to repair Griffin Lane bridge over Scott river bet. Fort Jones and Etna. Cert. check 10% req. with each bid. Spec. obtainable from Swender Blue Print Co., 272½ Stark St., Portland, Ore., on payment of $5. Further information obtainable from Albert J. Parrott, county surveyor.

OREGON STATE—Until Feb. 4, 2 p. m., bids will be rec. by State Highway Commission, meeting in Multnomah county courthouse, Portland for following bridge construction:

Clatsop county—Bridge over Mary's Creek on the Columbia River Highway, 10 mi. east of Astoria, requiring 110 cu. yds. conc.; 10,000 lbs. metal reinforcement, 700 lin. ft. piling and 330 cu. yds. excavation.

Umatilla county—Two culverts, 2 timber spans and one 80 ft. steel span on Oregon-Washington Highway between Pendleton and Adams, requiring 215 cu yds. conc., 26,000 lbs. metal reinforcement, 65,000 lbs. structural steel, 80 lin. ft. trestle, 4 M FBM lumber and 220 cu. yds. excavation. Cert. check 5% req. with each bid. Plans obtainable from commission offices, Capitol Bldg. Salem, on deposit of $5 and on file in office of Oregon Chapter, A.A.E., 612 Couch Bldg., Portland. Roy A. Klein, state highway engineer.

WILLOWS, Glenn Co., Cal. — John Ballinger, Orland, at $4920 submits low bid to county supervisors to const. rein conc. bridge in East Willows, over canal of Glenn-Colusa Irrigation District. Other bids were: W. L. Thompson, $6640; Halterman and Hiller, $5,150; Lisher and Carillo, $5221; L. S. Lewis, $5799; Hanson, Roberts and Zumwalt, $6500; T. H. & M. C. Polk, $6554; Bayles and Ferguson, $7499; Hart Const. Co., $8498. Taken under advisement. Bayard Knock, county surveyor.

WILLOWS, Glenn Co., Cal.—Lisher and Carillo, Napa, at $6104 submits low bid to county supervisors to const. rein. conc. bridge in South Willows over canal of Glenn-Colusa Irrigation District. Other bids: Halterman and Hiller, $6148; L. S. Lewis, $7090; J. Ballinger, $7310; Hanson, Roberts and Zumwalt, $7500; W. L. Thompson, $7,725; Jenkine and Elton, $7740; Gates and Howe, $7950; C. M. Bostrom, $8994; T. H. & M. C. Polk, $8155; Bayles and Ferguson, $9110; Hart Const. Co., $10,122. Taken under advisement. Bayard Knock, county surveyor.

SANTA ANA, Cal.—The Pac. Elec. Ry. will start work shortly on steel and conc. bridge across Santa Ana river, bet. Huntington Beach and Santa Ana. Sam Talbert of Talber has contract for grading. The bridge will be a steel structure on conc. piers.

LOS ANGELES, Cal.—Until 11 a. m., Feb. 11, bids will be rec. by supervisors to const. bridge over Coyote Creek on Artesia and Buena Park rd.

Separate bids to const. bridge over Coyote Creek on Centralia Ave. Plans on file at office of county supervisors.

YREKA, Siskiyou Co., Cal.—County Surveyor Albert J. Parrott has completed plans for bridge over Cottonwood creek north of Grenada on road bet. Grenada and Montague.

YREKA, Siskiyou Co., Cal. — Until Feb. 5, 10 a. m., bids will be rec. by W. J. Neilon, county clerk, to const. steel bridge over Scott river in Horn's Lane (known as Horn bridge), 3 mi. east of Etna Mills in Etna Rd. Dist. Bid to include removal of present bridge. Cert. check 10% req. Spec. obtainable from Swender Blue Print Co., 272½ Stark St., Portland, Ore., on payment of $5. Further information obtainable from Albert J. Parrott, county surveyor.

ONTARIO, Cal.—H. G. Klusman, Cucamonga, awarded cont. by council at $1242 to const. conc. and galv. iron culvert at A St. and Laurel Ave.

MONTEREY CO., Cal. — Rocca and Caletti, San Rafael, at $26,415.10 (Engineer's estimate $308,25) awarded cont. by State Highway Commission to const. bridge 240 ft. long, 21 ft. wide bet. curbs, over San Lorenzo creek near King City, consisting of three 60-ft. and two 30-ft. rein. conc. girder spans supported on piers and bents, together with approx. 0.2-mi. of approaches to be graded. Project involv. 2900 cu. yds. roadway embankment; 515 cu. yds. A and 370 cu. yds. C Port. cem. conc.; 1000 hundredweight reinf. steel; 570 cu. yds. excavation for bridge structure. (Additional item) 150 cu. yds. additional excavation for bridge structure.

DREDGING, HARBOR WORKS AND EXCAVATIONS

MARE ISLAND, Calif.—See "Government Work and Supplies," this issue.

LONG BEACH, Cal.—Award of contract to dredge harbor, bids for which were received by city a week ago, will be held up until plans for the harbor development have been definitely formulated. These plans will depend on negotiations bet. City Mgr. Windham, Pacific Steel Co., the Dollar Steamship Co., the Santa Catalina Island Co. and other concerns interested in Long Beach harbor. Among the engineering problems to be solved are the construction of jetties and the reclamation of land in the outer harbor.

SACRAMENTO, Cal.—North Sacramento Land Co. has had plans prepared for a levee to be constructed near the north bank of the American river with the object of reclaiming approx. 2500 acres of land lying directly north of Sacramento. Definite action has been postponed until Jan. 31 when means of financing will be worked out.

Carbide Flare Lights

OxyAcetyleneEquipment

Goggles—Respirators

First Aid Supplies

Carried in stock

E. D. BULLARD

565 HOWARD STREET

San Francisco, Calif.

Douglas 6320

IRRIGATION PROJECTS

MARYSVILLE, Yuba Co., Cal.—State Engineer W. McClure has submitted unfavorable report on the proposed irrigation works for Honcut-Yuba Irrigation district in Yuba and Butte counties, comprising approx. 30,000 acres, declaring that the cost of putting water on the lands is too high. An election will probably be called to dissolve the district.

LIGHTING SYSTEMS

EUREKA, Humboldt Co., Cal.—Property owners in 4th St., bet. Broadway and Myrtle Sts., are circulating petitions seeking installation of an electrolier system. A. Walter Kildale is city clerk and J. D. Hannah, city eng.

HAYWARD, Alameda Co., Cal—Town Eng. Holly recommends to Town Trustees installation of 9 electroliers in city plaza. Taken under advisement.

ARCADIA, Cal.—O. U. Miracle, 1036 Lime Ave., Long Beach awarded contracts by city trustees to construct curb, walk and electrolier system in various sts., as follows: Alta St. at $7871.40; Bonita St. at $7912.80; Genoa St. at $7667.75. Other bids were:

Alta St.—R. Stine, $8065.10; B. R. Davisson Contr. Co., $8526.04; Clarence P. Day Corp., $8820; E. H. Walters, $9771; C. H. Matthews, $9070.60.

Bonita St.—R. Stine, $8110.10; B. R. Davisson Contr. Co., $8670.44; Clarence P. Day Corp., $8863.70; E. H. Walters, $9810.60; C. H. Matthews, $9246.

Genoa St.—R. Stine, $7838.83; B. R. Davisson Contr. Co., $8257.59; Clarence P. Day Corp., $8579.36; E. H. Walters, $9486.20; C. H. Matthews, $9020.20.

SAN RAFAEL, Marin Co., Cal.—Until Feb. 4, 8 P. M., bids will be rec. by Eugene W. Smith, City Clerk, to install 16 single lamp electroliers, Union Lamp Standard No. 1538, in Irwin St. bet. 4th St. and Belle Ave. Cert. check or bond for 10% req. with each bid. Plans on file in office of clerk.

MACHINERY & EQUIPMENT

EUREKA, Humboldt Co., Cal. — Holmes Eureka Lumber Co., at $3500 awarded contract by council to furnish street department with tractor Harry H. Hannah, City eng.

LOS ANGELES, Cal.—Until 10 a. m., Feb. 4, bids will be rec. by Bd. Pub. Wks. to fur. grader of the leaning wheel type and one back sloper attachment for the grader. Spec. on file at the office of the construction engr. for the Mulholland highway, rm. 515, Wilcox Bldg. Cert. check or bond 10%.

LOS ANGELES, Cal.—Until 10 a. m., Feb. 4, bids will be rec. by Bd. Pub. Wks. to fur. two revolving steam shovels (Marion Model No. 32 or equal.) Spec. on file at office of the constr. engr. for the Mulholland highway, rm. 515, Wilcox Bldg. Cert. check or bond 10%.

LOS ANGELES, Cal.—Until 10 a. m., Feb. 4, bids will be rec. by Bd. Pub. Wks. to fur. one 75 h.p. tractor (Holt or equal). Spec. on file at office of the construction engr. for Mulholland highway, 515 Wilcox Bldg. Cert. check or bond 10%.

MADERA, Madera Co., Cal. — City trustees will purchase road grader for use on city streets.

PORTLAND, Ore.—County Purchasing Agent Fleming authorized to purchase 60 h.p. gasoline tractor of track-laying type, a 75 h.p. Holt tractor to be taken by successful bidder in exchange. Purchase of 3-wheel gasoline road rollers for road department also authorized. Latter to be not less than 10-ton weight and 2 Buffalo-Pitts rollers now in possession of county to be taken in exchange. Bids also desired for two 5-ton truck chassis equipped with drivers' cabs and curtains.

VENICE, Cal.—Until 10 a. m., Jan. 29, bids will be rec. by city trustees for one 8-ton tandem motor roller driven by either 2-cylinder opposed gasoline motor of 4-cycle or by 4-cylinder motor of 4-cycle type, rollers to be steel and machine to be reversible while roller is in motion; bidders to furnish and supply specifications of roller upon which they bid. T. H. Hanna, city clerk.

LOS ANGELES, Cal.—Until 10 a. m., Feb. 4, bids will be rec. by Bd. Pub. Wks. to fur. on a rental basis four steam shovels for use in connection with the Mulholland Skyline Drive work. Spec. on file at the office of the engr., 515 Wilcox Bldg., Los Angeles.

RAILROADS

SAN FRANCISCO—Bureau of Engineering, Department of Public Works, has completed specifications for Judah street extension of municipal railway system. Project includes the removal of approx. 6 blocks of sand dunes. M. M. O'Shaughnessy, city eng.

LOS ANGELES, Cal.—L. A. & S. L. Ry. Co. applies to railroad comm. for authority to const. and double track main line railroad from existing main line of San Pedro branch at a point approx. ½ mi. n. of Burnett Station, connecting with its existing line of railway at the north end of the new drawbridge crossing the channel bet. Los Angeles and Long Beach harbors.

LOS ANGELES, Cal.—Until 2:30 p. m. Feb. 8, bids will be rec. by harbor com. for special crossing frogs under spec. 581. Guy W. Wade, secretary.

SAN FRANCISCO—See "Miscellaneous Construction," this issue. Municipal Railway extension.

LONG BEACH, Cal.—Pac. Elec. Ry. has started work on electric line from Second St. and Livingston Dr. through Belmont Shore Place and Naples to the boundary of Recreation Park.

FIRE ALARM SYSTEMS

LOS ANGELES, Cal.—The Gamewell Fire Alarm Teleg. Co. awarded contr. by Bd. Pub. Wks. at $136.50 each for 12 fire alarm registers.

LOS ANGELES, Cal.—Gamewell Fire Alarm Teleg. Co. awarded contr. by Bd. Pub. Wks. at $623.40, or $51.95 each for 12 fire alarm gongs under Spec. 822.

FIRE EQUIPMENT

FRESNO, Fresno Co., Cal.—American La France Co., at $11,000 awarded cont. by council to fur. motor fire engine.

PETALUMA, Sonoma Co., Cal.—City council votes to call special election to vote bonds of $20,000 to finance purchase of fire equipment as follows: $13,000 for 1000-gal. pumper and ladder; $1000 for auto roadster for fire chief; $3000 for hydrant installation; $1500 for hose and $1500 for hose wagon. Lyman Green, city clerk.

MISCELLANEOUS SUPPLIES

RIVERSIDE, Calif. — Until Feb. 1, bids will be rec. by Supt. of Sherman Institute, Riverside, Calif., for fur. repair parts for 1915 model machine feed and ensilage cutter.

PACIFIC GROVE, Monterey Co., Cal. —Until Feb. 18, 7:30 p. m., bids will be rec. by E. S. Johnston, city clerk, to fur. and del. f. o. b. Pacific Grove: 4000 ft. 1½-in. and 500 ft. 1¼-in. Greenfield Hot Dipped galv. conduit or equal. Further information obtainable from city clerk. **See call for bids under official proposal section in this issue.**

BEVERLY HILLS, L. A. Co., Cal.—Until 8 p. m., Feb. 4, bids will be received by City Clerk John G. Soulay, City Hall, Beverly Hills, for erecting a refuse and garbage incinerating plant for the city of Beverly Hills. Specifications may be seen at the city clerk's office and at the office of Consulting Engineers Salisbury, Bradshaw & Taylor, 626 S Spring St., L. A. Bidders must submit their own plans for a complete plant, capacity 8 tons in 8 hours with one-man operation. Lump sum bids must include foundation, building, stacks, furnace, charging platform, incinerating equipment, pyrometers, operating platform scales, mahcinery and tools. The city will provide site, roadway thereto, and light and water connections. Bidders must attach check for $500 and list of 5 cities wherein their installments are operating satisfactorily. Brick or concrete construction.

RESERVOIRS AND DAMS

ORANGE, Cal.—See "Waterworks," this issue.

PIPE LINES, WELLS, ETC.

LA VERNE, Cal.—Until 7:30 p. m., Feb. 4, bids will be rec. by city trustees to const. 16-in. well on well. Plans on file at the office of Engr. O. A. Gierlich, 209 National Bank Bldg., Monrovia. Cert. check of bond 10%. M. E. Garger, city clerk.

REDWOOD CITY, San Mateo Co., Cal. —Until Feb. 4, 7:30 p. m., bids will be rec. by W. A. Price, cit yclerk, to fur. and del. water pipe and fittings, as more fully described in advertisement for bids **under Official proposal section in this issue.**

BAKERSFIELD, Kern Co., Cal.—Pan American Petroleum Co., Securities Bldg., Los Angeles, plans to construct between 120 and 150 miles of main trunk pipe line during this coming summer. Plans for the work are being completed by company engineers.

SAN FRANCISCO—Until Feb. 20, 3 p. m., bids will be rec. by Bd. Pub. Wks to furnish and deliver flexible cast iron pipe for submarine portions of the Hetch Hetchy Aqueduct Bay crossing division; est. cost $220,000. Project involves 1625 tons of flexible joint pipe; 30 tons 42-in. bell and spigot pipe and one special pipe for west end of Dumbarton submarine siphon. Bond of 30% of contract will be required of successful bidder for faithful performance of the contract. Specifications are obtainable from the Bureau of Engineering, 3rd floor, City Hall, on deposit of $10.

SEATTLE, Wash. — Balcom-Canal Lumber Co., Seattle, awarded cont. by city of Denver, Colorado, to fur. 3,500,000 ft. of lumber No. 1 clear Douglas fir, to be manufactured into pipe staves for city water supply system.

LOS ANGELES, Cal. — Bids rec. by public service comm. for cast iron pipe, f. o. b. Aqua Siding under spec. 701-A, follow:

Pacific Pipe & Supply Co.—in 4 metre lengths (1) 750 pcs. 10-in. class C, (13.12 ft.) at $56.50 per ton; (2) 500 pcs 8-in. class C pipe, at $56.50 per ton; (3) 5000 pcs. 6-in. class C at $56.50 per ton; (4) 5000 pcs. 4-in. class C pipe, at $60.50 per ton; total, $129,118.83; delivery to commence 10 wks., complete in 14 weeks.

U. S. Cast Pipe & Fdy. Co.—(in 12-ft. lengths)—(1) $60.39; (2) $60.39; (3) $60.39; (4) $64.39; total, $138,677.50; delivery: 1000 lengths 4-in. ea. mo., beginning March 6; 6-in. either sand cast or centrifugal, 1000 lengths in February. This firm also submitted a bid on centrifugal class No. 250 pipe as follows (per 100 ft.): 10-in. $189.28; 8-in. $139.62; 6-in. $94.70; 4-in. no bid; total (incomplete), $82,232.40.

Grinnell Co. of the Pacific—(4 meter lengths): (1) $55.05; (2) $55.05; (3) $55.05; (4) $59.05; total, $119,610.58; shipment, 8-in. last of Feb., 10-in. last of March; 4-in. and 6-in. 1/3 Mar., Apr. and May (approximate dates of arrival at this port).

National Cast Iron Pipe Co.—(12-ft. lengths): (1) $60.15; (2) $60.15; (3) $60.15; (4) no bid; total, $93,232.50; shipment 6-in. sand cast pipe, April and May; 8-in. Mar. and April; 10-in. Feb. and Mar. This firm also bid on centrifugal pipe as follows: (1) $1.894 per ft; (2) $1.393 per ft.; (3) 94.325c per ft; (4) no bid; total, $81,999 (incomplete); shipment, 6-in. Feb. and Mar., 8-in. and 10-in. Feb.; no quotation on 4-in. sand cast.

American Cast Iron Pipe Co.—(12-ft. lengths): (1) no bid; (2) $60.24; (3) no bid; (4) $63.24; (in 16-ft. lengths): (4) $64.24; total, incomplete, $97,644.75; shipment, 8-in., Apr., 4-in., Jan. & Feb.; unable to quote on 6-in. and 10-in.

SEWAGE DISPOSAL PLANTS

SANTA BARBARA, Cal. — City Mgr. Geo. D. Morrison presents to council his recommendations for a $150,000 bond issue for a new city sewerage system.

MISCELLANEOUS CONSTRUCTION

Bids To Be Advertised For In a Few Days.

EXCAVATING ETC. Cost, $25,000

SAN FRANCISCO, Rear of State Bldg. in Civic Center.

Excavating, concrete retaining wall for parking space.

Architect—Benj. G. McDougall, Forum Bldg., Sacramento.

LOS ANGELES, Cal.—William Ward, submitted low bid to Bd. Pub. Wks. at $9790 to const. pedestrian subway under Sunset Blvd. at Golden Gate Ave.

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SAN FRANCISCO—Board of Public Works has approved plans for auto and street car Mission-Sunset tunnel project via Eureka Valley; est. cost $1,368,000. Specifications have been referred to the supervisors for final approval. Will be 46 ft. in dia., 1634 ft. long with 4.3 mi. of double street car tracks. Grade will be 2.45%. Including the extension of the municipal railway in connection with the project, the tunnel will cost $1,900,000. M. M. O'Shaughnessy, city eng.

EXETER, Tulare Co., Cal.—San Joaquin Valley Portland Cement Co. is reported planning immediate constr. of cement plant costing $1,000,000 at Three Rivers, north of Exeter. The proposed plant will have a daily capacity of 35,000 lbs. cement. An 8-mi. railroad costing $150,000, will be required to connect at Terminus Beach with the Visalia Electric Ry. The company is headed by G. F. Hamburg and S. A. Parker, Crocker Bldg., San Francisco. Tests over a period of one year have proved the value of the local deposits.

WATER WORKS

LOS ANGELES, Cal.—McWane Cast Iron Pipe Co., 1007 Central Bldg., submitted only bid to public service comm. for fur. 2-in. cast iron pipe in 5-ft. lengths under spec. W-192 f. o. b. 801 N Alameda. The bid was: (1) 425 pcs. B & S ends, 28c; (2) 220 pcs double bell ends, 33c ft; (3) 220 pcs B & T ends, 33c ft.; (4) 110 pcs double thread ends, 33c ft; delivery in 30 days.

BAKERSFIELD, Kern Co., Cal. — Electric Wated Co., advises city council that company will sell its system for $650,000. The city contemplates purchase of the plant to operate as a municipal project. W. D. Clarke, city engineer.

CORCORAN, Kings Co., Cal.—Until Feb. 4, 8 p. m., bids will be rec. by Jas. C. Condon, city clerk, to fur. turbine pump with motor and starter installed, as more fully described in **call for bids under official proposal section in this issue.**

SACRAMENTO, Cal. — Sacramento Gas Co., at recent meeting of directors vote to extend gas mains in new residential sections of city. Geo. W. Peltier is president and Nick Jensen, general manager of the company.

GRANDVIEW, Wash.—Until Feb. 5, 8 p. m., bids will be rec. by city council to fur. and install 100,000-gal. capacity water storage tank. Further information obtainable from city clerk.

SANTA BARBARA, Cal.—Sam Hunter, 122 W Valerio St., awarded cont. by council at $37,600 to install 8-in. and 12-in. water main in Cliff Dr. and other streets.

E. H. Hunt, 1725 San Andres Street, awarded contract at $1065 to trench and backfill Fifth St. water main, bet. Hollister and Anacapa Sts., and $12.50 each for fire hydrant excavation.

LOS ANGELES, Cal.—Until 3 p. m., Jan. 29, bids will be rec. by public service comm., 207 S Bdwy., for pumps and motors under spec. 703. Jas. P. Vroman, secretary.

SACRAMENTO, Cal.—Until Jan. 31, 9 p. m., bids will be rec. by H. G. Denton, city clerk, to furnish miscellaneous material consisting of c. i. ells, tees plugs, crosses, sleeves, etc., for water main extesnions. Bids to be f. o. b. Sacramento steamer landing. Cert. chk 5% payable to City Controller req. Albert Givan, city eng. **See call for bids under official proposal section in this issue.**

SAN BERNARDINO, Cal.—Until 7:30 P. M., Jan. 28, bids will be rec. by city trustees for cast iron pipe as follows: 140 ft. 12-in., 3300 ft. 19-in., 2100 ft. 6-in. and 900 ft. 4-in. class B pipe; also fittings. Spec. o nfile in office of water dept. Cert. chk. $200. Thomas H. Meilandt, city clerk.

ORANGE, Cal.—The $40,900 bond issue for enlargements to water plant caried at the recent election. The improvemtnt program calls for a 1,000,000 gal. reservoir, two 1000-gal pressure pumps, one pump-driving engine, 10,000 ft. cast iron water mains and 12 fire hydrants.

BEVERLY HILLS, Cal.—The $400,000 water bond issue has been sold.

SANTA MONICA, Cal.—Until 10 a. m., Feb. 5, bids will be rec. by council to const. 100,000-gal. steel tank with tower; tank to be elevated 100 ft. from the top of the foundation piers to the bottom of the tank. Location of the work is e. side Franklin St., 2000 ft. n of Wilshire Blvd. Spec. obtainable from the office of the Elrod Engineering Co., 209 Mills Fraser Bldg., Santa Monica. Cert. check or bond 5%. Howard B. Carter, city engr.

TRACY, San Joaquin C., Cal.—City trustees vote to install additional pumps and motors at water plant; est. cost $7000. W. D. Harrington, city eng.

SAN FRANCISCO—Until Jan. 29, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5080 for fur. and del. Rio Vista, Solano county: one power pump and electric motor direct connected, to operate pump. Pump to furnish water for cooling bearings of large booster pump used in suction dredging. Pump and motor with single frame and base is preferred. Pump to be duplex power capable of delivering 25-gals. per min. at 50 r.p.m. under pressure of 70 lbs. Motor to be 3-phase, 220-volt, 60 cycle. Spec and further information on request.

SANTA MONICA, Cal.—Until 2 p. m., Jan. 29, bids will be rec. by City Clerk for fur. pipe, trench, lay pipe and backfill in connection with the new municipal water distributing system. Work will include 13,800 ft. 20-in., 10 gauge; 9600 ft. 16-in., 10 gauge; 3200 ft. 12-in. 12 gauge; 6000 ft. 8-in., 14 gauge, riveted steel pipe; 13,500 ft. 2-4in., 3500 ft. 20-in., 15,510 ft. 16-in., 9670 ft. 14-in. 51,275 ft. 12-in., 11,950 ft. 10-in., 46,430 ft. 8-in., 21,320 ft. 6-in., 6500 ft. 4-in., class B cast iron water pipe; valves as follows: 6 24-in., 2 20-in., 10 16-in., 7 14-in., 45 12-in., 12 10-in., 36 8-in., 27 6-in., 14 4-in.; 150 fire hydrants (Keystone or equal). Cert. check $40,000 required. Plans and spec. may be obtaine dfrom the office of the engr., H. E. Elrod, 209 Mills Fraser Bldg., Santa Monica, upon deposit of $10.

PLAYGROUNDS AND PARKS

RENO, Nevada—M. A. Justi, chairman of city council's committee on parks, contemplates extensiive developments to city parks during current year.

YUBA CITY, Sutter Co., Cal.—G. F. Otis of Yuba City Commercial Club, represents interests which will expend approx. $12,000 in laying out auto park I. L. Putnam, late of Grass Range, Montana, will be one of the owners.

SAN FRANCISCO — Supervisors appropriate $7500 to lay out and equip the Funston Playground; $2000 for Glen Park Playground and $5000 for the Margaret Hayward Playground.

PORTERVILLE, Tulare Co., Cal.—Until Jan. 31, 12 M bids will be rec. by C. H. Weed and H. L. Augustine, 2nd and Putnam sts., to erect motor garage court. Cert. check 5% payable to C. H. Weed req. with each bid. Plans obtainable from above on deposit of $10, deposit returnable if plans are surrendered before Jan. 31. Further information on request.

SACRAMENTO, Calif.—Until Jan. 29 12 M, bids will be rec. by State Department of Public Works, Division of Architecture, to construct and complete alterations to driveways at State Capitol grounds. Cert. check 10% payable to State of California req. Plans obtainable from above office. George B. McDougall, state architect, Forum Bldg., Sacramento. **See call for bids under official proposal section in this issue.**

SANTA MONICA, Cal.—Edward Tilley, Santa Monica, awarded cont. by Bd. of Educ. at $11,621 to build two basketball courts and three tennis courts at the Santa Monica high school.

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RICHMOND, Contra Costa Co., Cal.—Council, A. C. Faris, clerk, petitioned to purchase lands and establish a municipal park in the Mira Vista section. H. D. Chapman, city eng.

SAN FRANCISCO — Auto parking court. See Official Proposals, this issue.

SEWERS & STREET WORK

LOS ANGELES, Cal. — Griffith Co., 502 L. A. Ry. Bldg., awarded cont. by Bd. Pub. Wks. at $32,899 to imp. Beverly Blvd., bet. 201 ft. east of Juanita Ave. and Vermont Ave., involv. grading at $2400; 57,108 sq. ft. asph. paving 24c ft; 20,769 sq. ft. conc. paving 27c ft; 960 sq. ft. oil and roll 10c ft; 2813 ft. curb 70c ft; 2334 sq. ft. gutter 30c ft; storm drain, $1400; san. sewer $2300; 1554 ft. hse. sewers $1.50 ft; 11,376 sq. ft. walk 21c ft. Other bids were: Geo. R. Curtis, $33,276.61; L. A. Paving Co., $45,145.83.

SAN JOSE, Santa Clara Co., Cal. — Until Feb. 12, 7:30 p. m., bids will be rec. by Walter Bachrodt, secy. Board of Education to pave Jackson, Virginia, Margaret, Goodyear and 11th Sts., adjacent to school property. Spec. and further information obtainable from above.

LOS ANGELES, Cal.—T. T. Roach, 1244 E 9th St., awarded cont. by Bd. Pub. Wks. at $16,191 to imp. Clayton Ave., bet. Talmadge St. and Hillhurst Ave., involv. grading at $4302.45; 315 sq. ft. cem. conc. paving 40c ft; 61,564 sq. ft. oil and roll 6.5c ft; 2298 ft. curb 70c ft; 10,243 sq. ft. walk 22c ft.; 6245 sq. ft. gutter 22c ft.; conc. stairway complete, $1900. Engr's est., $15,087.98. Other bids were: T. E. Shafer, $16,-224.46; E. P. Ferry & Co., $16,654.34; Joe Grabovich, $16,760.29; W. D. McCra, $17,084; D. J. Sphar, $16,760.29.

SAN JOSE, Santa Clara Co., Cal. — Until Jan. 28, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. 5th St., bet. Keyes and Virginia Sts., involving grade and pave with 2-in Warrenite Bit. surface on 3½-in. bitulithic cem. conc. base; conc. curbs and gutters; cem. walks; 8-in. vit. pipe drains 1 cem. conc. inlet. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

IMPERIAL VALLEY, Calif. — Until Feb. 18, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to grade and surface with crushed gravel or stone, 11.9 mi. in Imperial County, bet 2¼-mi. east of San Hills and Colorado river. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

SANTA ANA, Cal. — J. L. McBride, county rd. commissioner, has rec. petitions to pave 17th St. west from city limits of Santa Ana to Westminster. Cost, $150,000.

SAN FRANCISCO — Supervisors will shortly authorize construction of a sewer and appurtenances in Berry St., from 2nd St. to an outlet in the Embarcadero. Specifications are being prepared by the Bureau of Engineering of the Dept. of Pub. Works.

VENTURA COUNTY, Calif.—Chas. W. Wimmer, Bakersfield, at $344,340 submits low bid to State Highway Commission to grade 15.1 miles and pave 9.8-mi. of highway in Ventura county bet. south boundary and Camarillo. Complete list of bids follow:

Chas. W. Wimmer, Bakersfield	$344,340
Geo. R. Curtis, L. A.	366,478
Sam Hunter, Santa Barbara	377,539
Ed Johnson & Sons, L. A.	378,599
Wells & Bressler, Santa Ana	376,244
Blanco & Taylor, Vallejo	382,273
Geo. H. Oswald, L. A.	392,291
Blumenkranz & Vernon, Stktn.	398,952
Griffith Co., Los Angeles	407,448
David H. Ryan, San Diego	409,607
Basich Bros. & Merced Concrete Pipe Co., Merced	409,776
Dillon, Patterson & Down, Los Angeles	417,225
Isbell Const. Co., Fresno	437,273
Bent Bros., Los Angeles	437,706
Kaiser Paving Co., Oakland	449,776
Engineer's estimate	402,096

SAN PEDRO, Cal. — Petitions filed with Bd. Pub. Wks. seek widening of Anaheim Blvd. to width of 100 ft. bet. city limits of Wilmington, a distance of 23 blocks.

ANAHEIM, Cal.—City Mgr. Stewart and Councilman Stock have plans under way for approx. 5 mi. paving for the city during the coming year.

SEATTLE, Wash.—Board of Public Works rejects bids to pave, repave and tracklay Jackson and other streets and the plans will be revised. Low bid was submitted by F. McClellan, Lyon Bldg., Seattle, at $488,292 and $501,230 depending upon the proportions of brick and concrete used in the work.

BAKERSFIELD, Kern Co., Cal.—Until 10 a. m., Feb. 11 bids will be rec. by Kern county supervisors to imp. portion of County Rd. No. 283, involving bitum. base paving with Willite Process (Topeka) wearing surface, grading and incidental items. Cert. chk. 10%. F. E. Smith, county clerk.

EL MONTE, Cal. — T. J. Crawford, Pomona, submitted low bid to city trustees at $79,841 to imp. portions of Columbia, Utah, Washington and other streets, involv. 46,558 sq. ft. 6-in. conc. pavement 26c ft.; 25,124 sq. ft. cement conc. pavement 22c ft.; 13,303 ft. curb as follows: "A" curb 55c ft.; "B" curb 65c ft.; walk 18c sq. ft; 8329 ft. sewer, manholes, etc., $10,035.94 (lump sum). Other bids were: Fleming Constr. Co., $80,137.59; Hall-Johnson Co., $80,447.91; Clarence P. Day Corp., $81,206.45; H. D. Churchill Co., $82,888.13; George P. Griffith Co., $84,272.63; Blumenkranz & Vernon, $86,137.48; O. U. Miracle $92,-984.61.

HERMOSA BEACH, Cal.—Wigman & Reed, Hermosa, awarded contr. by city trustees to imp. Ocean View Ave. bet. 5th St. and its south end, at 25c sq. ft. walk; 65c ft. curb, 29c sq. ft. 5-in. concrete paving.

Geo. H. Oswald awarded contr. at 28c sq. ft. to pave Longfellow Ave., bet. Camino Real and E Railroad Dr. with 5-in. cem. conc.

O. U. Miracle, 1036 Lime Ave., Long Beach, awarded contr. to imp. 4th St. and Ardmore Ave. at 23.5c sq. ft. walk; 67c ft. curb, 29.5c sq. ft. 5-in. concrete paving.

SAN JOSE, Santa Clara Co., Cal. — County Surveyor Robt. Chandler making surveys for new road in District No. 5, a pteition seeking the improvement having been filed by Santa Clara Gravel Company.

LOS ANGELES, Cal. — Griffith Co., 502 L. A. Ry. Bldg., awarded contract by supervisors at $21,871 to imp. Washington Blvd. bet. Vineyard Ave. and w city limits, under City Boundary Imp No. 4.

LOS ANGELES, Cal.—Until 2:30 p. m. Feb. 1, bids will be rec. by harbor com. 312 Byrne Bldg., for vitrified sewer pipe under spec. 582. Guy W. Wade, secretary.

SAN FRANCISCO — Board of Supervisors has appropriated $65,000 to finance const. of roadway in district bounded by 20th, 22nd, Rhode Island and Carolina Sts.

OREGON STATE.—Until Feb. 4, 2 p. m., bids will be rec. by State Highway Commission, meeting in Multnomah County Courthouse, Portland, to grade and surface the following highways:

Coos County—Coquille-Bandon Section of Roosevelt Coast Highway, 16.9 mi. of rock surfacing const. involving 39,500 cu. yds. of broken stone or crushed gravel.

Union County—Lone Pine-Telecaset Section of Old Oregon Trail, 15.6 mi. broken stone surfacing involv 20,000 cu. yds. of broken stone.

Wasco County—Criterion-Cow Canyon Section of Dalles-California Highway, 14.1 mi. of grading work involv. 150,000 cu. yds. of excavation.

Bids will be considered Feb. 5, 10 a. m., for following units:

Gilliam County — Quinton-Morrow County Line sec. of Columbia River Highway, 27.0 mi. rock surfacing, involving 19,500 cu. yds. of broken stone and crushed gravel.

Wasco County—Unit No. 1, Sherman County Line-Cow Canyon Section of Sherman Highway, 7.55 mi. of grading and broken stone surfacing involving 60,000 cu. yds. of excavation and 17,-000 cu. yds. of broken stone.

Unit No. 2, Sherman County Line-Cow Canyon Section of Sherman Highway, 12.41 mi. of grading and broken stone surfacing involv. 98,000 cu. yds. of excavation and 27,750 cu. yds. of broken stone. Cert. check 5% req. with each bid. Plans obtainable from commission office, Capitol Bldg., Salem, on deposit of $5, and on file in office of Oregon Chapter, American Assn. of Engineers, 612 Couch Bldg., Portland. Roy A. Klein, state highway eng.

STOCKTON, San Joaquin Co., Cal. — Frank C. McIntyre, Farmers and Merchants Bldg., Stockton, at $14,377 awarded cont. by council to imp. sts. under Res. of Inten. 734 involv. 1409 cu. yds. cut, $.75 cu. yd; 293 cu. yds. fill, $.40 cu. yd.; 2532.76 lin. ft. curb and gutter, $1 ft; 7754.77 sq. ft. walk $.18 sq. ft.; 3469.66 sq. ft. 6-in. pavement, $.18 sq. ft; 14,695.45 sq. ft. 7-in. pavement, $.23 sq. ft.

STOCKTON, San Joaquin Co., Cal.—Frank C. McIntyre, Farmers and Merchants Bldg., Stockton, at $22,755.89 awarded cont. by council to imp. sts. under Res. of Inten. No. 733, involving 3095 cu. yds. cut, $.70 yd; 55 cu. yds. fill, $.40 cu. yd; 7116.63 lin. ft. curb and gutter, $.90 lin. ft; 721.12 sq. ft. walg, $.20 sq. ft; 77,878.88 sq. ft. pavement, $.18 sq. ft.

BERKELEY, Alameda Co., Cal.—Until Jan. 29, 9 a. m., bids will be rec. by E. M. Hann, city clerk, to improve Bateman St., bet. Webster and pt. 440 ft. south involv. grade; const. conc. curb and gutter; const. 6-in. vit. sewers with br. manhole and c.l. cover. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Spec. obtainable from clerk.

SAN JOSE, Santa Clara Co., Cal. — Until Jan. 28, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. 4th St., bet. Jackson and Taylor Sts., involving grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curb and gutter. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city engineer.

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SAN JOSE, Santa Clara Co., Cal. — Council, J. J. Lynch, clerk, declares inten. to imp. 6th St., opposite Bestor St., involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. conc. curbs gutters and walks, 1911 Act and Bond Act 1915. Protests Feb. 4. Wm. Popp, city eng.

SAN BERNARDINO, Cal.—Until 7:30 p. m., Feb. 4, bids will be rec. by council to const. 8-in. vit. pipe sewer in 11th St., bet. 140 ft. east of Mt. Vernon Ave. and L St., including 50 4-in. sewers, one manhole, one flushtank, and conversion of one flushtank into a manhole; 1911 act. J. H. Osborn, city clerk.

LOS ANGELES, Cal. — Supervisors declare inten. to imp. Crescent St., bet. city limits of Burbank and 2800 ft. south and Laurel Ave., bet. Crescent St. and 160 ft. n.e., 2960 lin. ft. (County Imp. No. 63), involv. 5323 cu. yds. excavation; .7656 sq. yds. conc. paving, 6-in. to 8-in. thick; 523 sq. yds. oil and screenings surface. Est. cont. price, $23,059.60. Aver. haul from Burbank on the P. E. Ry., 2 mi.

Inten. declared to imp. Cedar St., bet. Manchester and Shorb Aves., Beach and other streets, 7415 lin. ft., under County Imp. No. 58, involv. 8689 cu. yds excav; 23,190 sq. ft. gutter; 30,779 sq. yds. 1½-in. National pavement; 30,779 sq. yds. 3½-in. asph. conc. base. Est. cont. price, $95,038.15. Aver. haul, from Latin on the P. E. Ry., 1 mi. Protests Feb. 11.

SANTA ANA, Cal. — City council plans paving of S Main St., bet. present end of the full-width pavement to Edinger St., involv. paving, comb. curb and storm drain. W. G. Knox, city engr., has been instructed to prepare plans and spec.

FRESNO, Fresno Co., Cal.—Council rejects bids rec. to imp. Lewis Ave., bet. Fresno and Blackstone, involving grade and pave with 1½-in. asph. conc top course with liquid asph. and rock screenings surface; conc. curbs, gutters and walks; corrn. metal culverts with manholes. Wm. Stranahan, city engr.

EUREKA, Humboldt Co., Cal. — As previously reported, supervisors award cont. to Padgett and Kelly, Eureka, at $24,379 to reconst. cable suspension over Klamath river at Weitchpec. Other bids were: Merced-Fraser Co., Eureka, $26,500; Smith Bros., $29,989. A. J. Logan, county surveyor.

LONG BEACH, Cal.—Pernel Barnett, 630 E Washington St., Orange, awarded cont. by council at $6626 to const. conc. pipe sewer with brick manholes in Frontenac Ct.

LONG BEACH, Cal.—United Pipe Co. Box 6, Ventura, awarded cont. by council at $165,000 to const. Golden Ave. storm sewer. Sewer will consist of reinforced conc. pipe of sizes from 14 to 42 inches dia.

ARCADIA, Calif.—See "Lighting System," this issue.

MAYFIELD, Kern Co., Cal.—Town trustees contemplate bond issue to finance street paving program .It is possible the trustees will purchase equipment and undertake work on a day labor basis.

SAN DIEGO, Cal.—G. R. Daley, 4430 Boundary St., San Diego, awarded cont. by council at $26,358 to imp. Front and Dickinson Sts. Cal. Constr. Co. Bid $26,458.34.

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. Kansas St., bet. Midvale and 35th Ave., involv. excavation, $.90 cu. yd; conc. curb, $.75 lin. ft; conc. gutter $.25 sq. ft.; oil macadam pave, $.105 sq. ft; cem walks $.17 sq. ft.

LOS ANGELES, Cal.—Until 10 a. m., Feb. 4, bids will be rec. Bd. Pub. Wks. to imp. under Vrooman act:

25th St., bet. Harriett St. and s.e. line of H. M. Ames Sub., involv. 8619 sq. ft. 6-in. conc. paving; 4309 sq. ft. oil and roll; san. sewer

La Cresta St. bet. Western Ave. and St. Andrews Pl., involv. 13,992 sq. ft. asph paving; 1252 ft. light curb; 5636 sq. ft. walk; 1252 sq. ft. conc. gutter.

Alley s. of Hollywood Blvd., betw. Highland Ave. and Orange Dr., involv. 10,769 sq. ft. 6-in. conc. paving. These bids were previously reported as to be opened Jan. 28.

OAKLAND, Cal. — Oakland Paving Co., 5000 Broadway, Oakland, awarded cont. by council to imp. portions of Fifth Street, etc., involv. grade, $.02 sq. ft.; conc. curb with steel guard, $1 lin. ft; conc. curb without guard, $.75 lin. ft.; reset granite curb, $.50 lin. ft; conc. gutter, $.28 sq. ft; 2-in. Warrenite-Bit. surface on 6-in. Port. cem. conc. pave, $.30 sq. ft.; 8-in. sewer $1.50 lin. ft; manholes, $75 each; lamphole, $20 each; wye branch, $1 each; catchbasins with side inlet, $50 each; catchbasins with round grating, $50 each; 10-in. pipe conduit, $1.50 lin. ft.

SALINAS, Monterey Co., Cal. — City Eng. Howard Cozzens preparing spec. for 4-in. asph. conc. pave with Warrenite surface in San Luis St., bet. Main and Capitol.

SAN DIEGO, Cal.—Until 10:30 a. m., Feb. 4th bids will be rec. by City Clk. A. H. Wright to imp. Alameda Drive. Sheridan Ave., Alameda Place, Henry St., etc., involv. 74,846.81 sq. ft. paving with 1½-in. asphalt conc. top on 4-in. conc. base, 11,269.5 sq. ft. paving with 4-in. conc., 110,884.79 sq. ft. paving with 5-in. conc., 2801.66 sq. ft. cem. conc. sidewalk, 12213 lin. ft. cem. conc. curb, 4 6-in. cem. conc. sewer laterals, 9 4-in. cem. conc. sewer laterals, 879 lin. ft. conc. pipe.

Separate bids to imp. Redwood, Palm Bancroft, 33rd, Felton and 31st Sts., involving 10,229.8 cu. yds. earth excavation, 10,912.4 cu. yds. earth embank, 7942.4 lin. ft. cem. conc. curb, 38,252.7 sq. ft. cem. conc. sidewalk, 160 ft. of 36-in. d.s. conc. pipe culvert, 1 timber trestle bridge 180 ft. long, etc. F. A. Rhodes, city engr.

LOS ANGELES, Cal.—Geo. R. Curtis 2440 E 26th St., submitted low bid to supervisors at $21,856 to imp. First St. and portions of other streets, under County Imp. No. 46, involv. 2506 cu. yds. excav. incl. shaping $1 yd; 3311 lin. ft. curb 60c ft; 8855 sq. ft. conc. walk 20c ft.; 6095 sq. ft. conc. gutter 30c ft.; 6042 sq. yds. conc. pavement $2.15 yd. Other bids were: J. Paul Benson, $21,978.30; O. U. Miracle, $22,-Benson, $21,978.30; Griffith Co., $22,-008; O. U. Miracle, $23,294; Geo. J. Bock $24,657.

OAKLAND, Cal.—A friendly suit is being prepared by the city of Oakland against the county of Alameda to determine the legality of the city assisting the county in the payment of costs to pave E-14th St., bet. 50th Ave. and the San Leandro line. W. W. Harmon, Oakland, city eng. estimates the cost at $550,000 of which county is asked to pay $200,000.

LOS ANGELES, Cal.—John Artukovich, 614 N Bunker Hill Ave., submitted low bid to Bd. Pub. Wks. at $27,900 to sewer 58th Pl., bet. West Blvd. and 71.69 ft. east from the cente rline of Alviso Ave. Other bids were: Martin Culjak, $29,940, including resurfacing; M. Simunovich, $30,248; S. Zarubica and B. P. Radich, $31,200 sewer complete, incl. resurfacing; B. D. Zaich, $31,335 for sewer complete incl. resurfacing; Nick Bebek, $33,865 for sewer complete incl. resurfacing.

FRESNO, Fresno Co., Cal. — Fresno County Chamber of Commerce has appointed committee to make a thorough survey looking towards the continuation of the Fresno county road building program. The committee consists of County Surveyor Chris. P. Jensen, L. A. Nares and William Stranahan, city engineer of Fresno.

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, clerk, declares inten. to imp. portions of 25th, St. Johns and St. James Sts., involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bitulithic cem. conc. base; hyd. cem. conc. curbs, gutters and walks; 3 br. catchbasins; 8-in. vit. pipe drains, 1911 Act & Bond Act 1915. Protests Feb. 11. Wm. Popp, city eng.

OAKLAND, Cal.—Council, E. K. Sturgis, clerk, declares inten. to imp. portions of Foothill Blvd., 99th Ave., Derby Sts., etc., involv. const. of sewer with manholes, lampholes, wye branches, drop connections, etc. 1911 Act. Protests Feb. 14. W. W. Harmon, city engineer.

SANTA PAULA, Cal. — Southwest Paving Co., 806 Washington Bldg., Los Angeles, awarded contracts by city trustees to imp. River and other sts. at 17.5c sq. ft. 5-in., 2-course asph. concrete paving; 15.5c sq. ft. 4-in. asph. conc. paving; 50c ft. curb; 17c sq. ft. walk. Griffith Co. bid 20c 5-in., 16c 4-in., 60c curb, 18c walk.

Southwest Paving Co. awarded contracts to pave four other streets involving a total of approx 141,000 sq. ft. 4-in. asph. paving. The bid was 16c paving, 50c curb, 17c walk.

NAPA, Napa Co., Cal.—Council, H. H. Thompson, clerk, declares inten. to const. 8-in. vit. sewer in Elm St., bet. Franklin St. and pt. 565 ft. west with 14 sewer connections to main sewer and 1 flushhole. 1911 Act. Protests Feb. 11. H. A. Harrold, city engineer.

REDONDO BEACH, Cal. — H. Wigman, Hermosa Beach, submitted low bid to city trustees at $58,401 to imp. El Redondo and portions of other sts., invlv. 1½-in. Willite wearing surface on 2½-in. asph. conc., 44 ft. wide; constructing curbs, walks and gutters; 1911 act. Other bids were: H. G. Feraud $60,263.30; Richard Barry, $61,659.80.

MADERA, Madera Co., Cal. — City trustees vote to const. storm sewer from People's Ice plant to Fresno river.

ORANGE COUNTY, Calif. — W. F. Beal, Brawley, Calif., at $188,025.35 (engr's. estimate, $$195,339.50) awarded cont. by State Highway Commission for 8.2 mi. of highway in Orange county bet. Huntington Beach and Corona Del Mar, 8.2 mi. to be graded and 3.5 mi. to be paved with Port. cem. conc. involv. 111,110 cu. yds. roadway embankment without classification; 187,000 sta. yds. overhaul (two stations or less); 746,000 sta. yds. overhaul (greater than two (2) stations); 135 cu. yds. structure excavation without classification; 18,585 lin. ft. preparing and shaping subgrade (pavement; 7920 cu. yds. class A Port. cem. conc. (pavement); 90 cu. yds. class A Port. cem. conc. (structures); 55 hundredweights bar rein. steel in place (structures); 723 lin. ft. 18-in. rein. conc. pipe; 723 lin. ft. 24-in. rein. conc. pipe; 136 each hauling and setting monuments.

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RIVERSIDE, Cal.—Council declares inten. to imp. Magnolia Ave. bet. Jurupa Ave. and Arlington Ave., etc.; grade and pave with macad., paving, cem. pipe drainage sewer, galv. corru. iron and conc. culverts; 1915 bond imp. act. C. B. Burns, city clerk.

PASADENA, Cal.—City directors declare inten. to imp. Mentone Ave., bet. Dakota and Stanton Sts.; grade and pave with oiled macad., const. conc. curbs and gutters; 1911 act. W. C. Earle, city engineer.

COOS COUNTY, Ore. — Bids will be asked shortly by State Highway Commission, Salem, Ore., to surface with crushed rock or gravel 17 mi. of Coquille-Bandon section of Roosevelt Coast highway in Coos County, bids previously received having been rejected.

OROVILLE, Butte Co., Cal.—Until Feb. 5, 1:45 p. m., bids will be rec. by C. F. Belding, county clerk, to construct Gridley-Colusa county bonded road. Cert. check 10% req. with each bid. Bond of 50% req. of successful bidder. Plans obtainable from County Rd. Eng. Harry H. Hume.

LOS ANGELES, Cal.—Until 10 a. m., Feb. 4, bids will be rec. by Ed. Pub. Wks. to imp:

Normandie Ave., bet. 83rd St. and Manchester Ave., involv. 53,609 sq. ft. 6-in. conc; 3195 sq. ft. bitum. base pavement; 2520 ft. curb; 9122 sq. ft. walk; san. sewer.

Amador St., bet. Bouett St. and Jarvis St., involv 73 sq. ft. conc. paving; 13,090 sq. ft. oil and roll; 1192 ft. light curb; 5830 sq. ft. walk; 2549 sq. ft. gutter.

48th St., bet. First Ave. and Angeles Mesa Dr., involv. 78,204 sq. ft. 8-in conc paving; 253,651 sq. ft. 6-in. conc. paving; 791 ft. curb; 3525 sq. ft. walk; 1501 sq. ft. asph. paving; 3515 sq. ft. 5-in. bitum. base paving; 7400 sq. ft. 2-in. bitum. base paving; 4 reinf. conc. culverts.

OROVILLE, Butte Co., Cal. — Until Feb. 5, 1:30 p. m., bids will be rec. by C F Belding, county clerk, to imp. Oroville-Gridley county bonded road. Sec. A. Cert. check 10% req. with each bid. Bond of 50% req. of successful bidder. Plans obtainable from Harry H. Hume, county road engineer.

ORANGE, Cal. — C. E. Green, 418 Western Mutual Life Bldg., Los Angeles, awarded contr. by council at $61,-927 to const. new outfall sewer to connect with the inter-city outfall system. He was awarded both sections, No. 1 at $41,982.55 and Sec. 2 at $19,944.75 on conc. const.

BERKELEY, Alameda Co., Cal.—Until Jan. 29, 9 a. m., bids will be rec. by E. M. Hann, city clerk, to const. cem. walks in east side of California St., bet. Rose and Buena Ave. Cert. check 10% payable to city req. Spec. obtainable from clerk.

BURBANK, Cal.—George A. Simpson, Olson Bldg., Burbank, awarded contr. by B. W. Marks, Jr. Orpheum Bldg., L. A., to pave, etc., in Ben Mar Hills. Work involves conc. pavement, oil macad., curbs, walks and gutters. Est. cont. prict $100,000.

LOS ANGELES COUNTY, Calif.—Geo. H. Oswald, 366 E-58th St., Los Angeles at $388,755.50 (Engineer's estimate, $415,423.50) awarded contr. by State Highway Commission to grade 13.1 mi. and pave with Port. cem. conc. 11.6 mi. i nLos Angeles county, bet. Shoup Ave and west boundary, involv. 52,000 cu. yds. roadway excavation without classification; 2600 sta. yds. overhaul; 1200 cu. yds. structure excavation without classification; 2200 lin. ft. subgrade (preparing and shaping); 21,080 cu. yds class A cem. conc. (pavement & shoulders); 385 cu. yds. class A cem. conc. (structures); 250 hundredweights rein. steel in place (structures); 37,970 sq. yds. reinforcing steel in place (pavement); 146 lin. ft. 12-in., 210 lin. ft. 18-in., 294 lin. ft. 24-in., 102 lin. ft. 30-in. and 24 lin. ft. 36-in. corrugated metal pipe; 20 cu. yds. removal of broken concrete in existing base. Commission will furnish corru. metal pipe and cast iron covers for drop inlet culverts.

SAN FRANCISCO — See "Railroads," this issue. Grading Judah street car line extension.

GLENDALE, Cal. — Until 10 a. m., Jan. 31, bids will be rec. by council to imp. Palmer Ave., Central Ave. and San Fernando Rd., involv. 40,725 sq. ft. grading, 1163 ft. class "B" curb, 5625 sq. ft. sidewalk, 29,670 sq. ft. 3-in. oil macad., water pipe. Ben F. Dupuy, city engr.; A. J. Van Wie, city clerk.

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, clerk, declares inten. to imp. Locust St., bet. Santa Clara and Park Aves., involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bitulithic cem. conc. base; 1 br. catchbasin; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests Feb. 18. Wm. Popp, city engineer.

HANFORD, Kings Co., Cal. — Until Feb. 4, 5 p. m., bids will be rec. by D. C. Williams, city clerk, to imp. portions of Myrtle, Florinda and other sts., involv. grade and pave with 3-in. bituminous base with 1½-in. Warrenite-Bit. surface; cem. curbs; corru. iron and conc. culverts. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Ben Duffield, city eng.

MONTEREY, Monterey Co., Cal. — City Eng. H. D. Severance has completed spec. to pave streets in new Monterey, in the district bet. Hawthorne and Pine Sts., the Presidio and the Pacific Grove city limits; est. cost $90,000.

SANTA ANA, Cal.—B. R. Ford, 407 W 17th St., Santa Ana, awarded cont. by city trustees to imp. W 18th St., bet. N Broadway and Eucalyptus St., involving 16,257.5 sq. ft. 5-in. conc. paving at 20.9c ft., 51 ft. hse. sewer at 50c ft., 150 ft. curb at 45c ft.

Wells & Bressler, 3 Calif. Bank Bldg. Sant aAna, awarded cont. to imp. Forest Ave., bet. W 4th and W 5th Sts., involv. 9000 sq. ft. 5-in. conc. paving at 23c ft., 500 ft. curb at 55c ft.

OAKLAND, Cal.—Until Feb. 7, 12 M. bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of Walsworth and Oakland Aves, etc., involv. const. cem. walks; 3 conc. steps; install 3 c.i. lighting posts (to be furnished by city) and 2 conductor lead-covered cable and wrought iron pipe conduit, etc. St. Imp. Act 1913. Cert. check 10% payable to city req. W. W. Harmon, city engineer.

SAN FRANCISCO — Fay Improvement Co., Phelan Bldg., at $18,266.44 submits low bid to Bd. Pub. Wks. to imp. Rhode Island St., bet. Mariposa and 18th Sts., involv. (a) $40,000 sq. ft. conc. pave, $.208 sq. ft.; (b) 14,052 sq. ft. asph. conc. pave, $.29 sq. ft.; (c) $1600 lin. ft. conc. curb, $.98 lin. ft.; (d) 264 lin. ft. granite curb, $.74 lin. ft.; (e) 9 br. catchbasins, $12 each. Other bids were:

Municipal Const. Co., (a) $.33; (b) $.30; (c) $1; (d) $.80; (e) $40.

Raisch Imp. Co., (a) $.32; (b) $.285; (c) $1; (d) $.50; (e) $45.

City Const. Co., (a) $.336; (b) $.305; (c) $1; (d) $2.50; (e) $60.

C. B. Eaton, (a) $.319; (b) $.30; (c) $1; (d) $.50; (e) $60.

LOS ANGELES, Cal.—Francisco and Ellington, Inc., 1232-G W 5th Street, awarded cont. by supervisors at $93,-000 to imp. Rd. Imp. Dist No. 181, Las Flores Canyon Rd. and Hume Rd., 4.06 mi. (graded roadway 16 ft. wide, rolled and oiled), involv. 91,600 cu. yds. earth excav; 21,418 lin. ft. shaping roadbed; clearing and grubbing; 38,076 sq. yds. oil and sand surface; 154 ft. 12-in., 35 ft. 18-in., 155 ft. 24-in. and 75 ft. 36-in. corru. iron pipe culv. Est. contr. price $65,876. Other bids were: Donovan & McNamee, $94,650; J. G. Beckjord, $115,-000; Ross Contr. Co., $139,000; W. D. McCray, $148,000.

HANFORD, Kings Co., Cal.—Until Feb. 4, 5 P M., bids will be rec. by D. C. Williams, City Clerk, to imp. portions of Water and Irwin Sts., involv. grading and paving with 3-in bituminous base with 1½-in. Warrenite-Bit surface; cem. curbs and gutters. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Ben Duffield, city eng.

NEWPORT BEACH, Cal.—Cal Const. Co., Union Bldg., San Diego, only bidder, awarded contr. by city trustees at $249,508.40, to imp. Ocean Blvd., etc., involv. 19,010 cu. yds. excav. (sand); 91,707 sq. ft. 6-in. clay and gravel surface, includ. grading; 152,080 sq. ft. 6-in. conc. pavement, incl. grading; 201,697 sq. ft. 8-in. conc. pavement, including grading; 18,932 lin. ft. conc. curb; 94,341 sq. ft. conc. walk; 15,115 lin. ft. ¾-in. dia. sheridized iron conduit, with one No. 6 lead covered cable; 1000 lin. ft. 1½-in. dia. sheridized iron conduit, with two No. 6 lead covered cables; 89 granite conc. ornamen. light posts complete; 4 conc. bases complete; 7660 lin. ft. 6-in. dia. standard steel pipe; 102 lin. ft. 10-in. dia. standard steel pipe; 34 6-in. standard gate valves with manhole; 12 5-in. fire hydrants, complete; 6940 lin. ft 8-in. cem. pipe san. sewer; 5 standard junction chambers, type A; 13 standard manholes, type D; 1 standard lamphole, type F; 6 standard shallow flush tanks; 61 standard drops for house connections; 181 8x6-in. cem. pipe Y's; 795 6-in. dia. cem. pipe hse. connection sewers. Paul E. Kressly, consulting engr., 732 H. W. Hellman Bldg., Los Angeles.

RICHMOND, Contra Costa Co., Cal.—City Eng. H. D. Chapman completes spec. to pave Macdonald Ave. from 23rd St. east to San Pablo line; spec. provides for 6-in. conc. base with 2-in. asph. conc. surface.

HAWTHMORNE, Cal.—Until 8 p. m., Jan. 28, bids will be rec. by city clerk to pave Maramar, Bettinger Sts., etc., approx. 1½ mi., with 1½-in. Willite on 2½-in. asph. conc. const. curbs, walks, gutters; 1911 act. W. B. Shaw, city clk.

SOUTH PASADENA, Cal.—Until 5 p. m., Feb. 11, bids will be rec. by city clerk to improve under 1911 Act:

Edison Lane, involv. 17,300 sq. ft. 5-in. concrete paving.

Fell St., involv. 14,400 sq. ft. 3-in. macad.; and 1950 sq. ft. cem. gutter.

Bank St., involv 10,885 sq ft. 3-in. macad; 30 ft. curb; and 175 sq. ft. gutter.

Pico Alley, involv. 4900 sq. ft. 5-in. conc. paving.

Magnolia, Forest and Arm Sts., involving 36,900 sq. ft. 3-in. macad; 57,-sq. ft. gutter; 14,090 sq. ft. cem. walk; 2827 lin. ft. curb; 1492 lin. ft. 4-in. class B cast iron water pipe; 315 ft. 6-in. vit. sewer laterals; four 4-in. cast iron gate valves; one 90 deg. elbow; one 4x4 in. cast iron tee. Cert check or bond 10%. Nettie A. Hewitt, city clerk.

FRESNO, Fresno Co., Cal. — Until 10:30 a. m., Jan. 31, bids will be rec. by city council to imp. Lewis Ave., involv. 118,194 sq. ft. grading; 86,824 sq. ft. asph. paving; 5281 lin. ft. conc. curb; 8973 sq. ft. conc. gutter; 24,814 sq. ft. sidewalk; 466 lin. ft. 18-in. culvert; 317 lin. ft. 12-in. culvert; 14 culvert manholes. Thompson Bros., G and Divisadero Sts., Fresno, who bid $40,148 for the work, were low bidder on Jan. 10th. Bids rejected. Work will be done under 1911 act. Wm. Stranahan, city engineer.

RIVERSIDE, Cal. — Until 10 a. m., Feb. 11, bids will be rec. by supervisors to imp. portion of Rte. 8, Beaumont to foot of Moreno Grade, known as Jack Rabbitt Trail, from Sta. 23 plus 50 to Sta. 367 plus 00.2, involv. (item 1) 33,652 lin. ft. shaping 20 ft. wide; (2) 33,652 lin. ft. macad. pavement 18 ft. wide; (3) 300 lin. ft. curb; (4) catch basin walls, and laying 30 ft. of 8-in. corru. iron pipe, and 22 ft. of 12-in. corru. pipe, and const. two headwalls. All materials in items 2, 3 and 4 to be furnished by contr. Plans obtainable from county surveyor on deposit of $5. A. C. Fulmor, county surveyor, D. G. Clayton, clerk.

MONTEREY, Monterey Co., Cal. — Council, A. J. Mason, clerk, declares inten. to imp. portions of Laine, Prescott, Bilden, Spencer, Archer, Reeside Sts., etc., involv. grade and pave with 5-in. waste quarry rock; conc. curbs and gutters; 21 catchbasins with 12-in. cem. pipe connections; 109 sidewalk crossings; 12-in. pipe culvert; 18 12-in. corru. iron pipe culverts. 1911 Act & Bond Act 1915. Protests Feb. 19. H. D. Severance, city engineer.

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the ntracts in this issue.

9	Costello	Owner	9000
0	Sourich	Owner	4000
1	Heglin	Owner	3000
2	Nelson	Owner	3000
3	Meyer	Owner	12000
4	Meyer	Owner	4000
5	Nevinski	Owrer	2000
6	Giocobbi	Hjul	16000
7	Milton	Owner	4000
8	Herlihy	Harder	5000
9	Sanders	Owner	3000
0	Klenck	Owner	56000
1	Hoffman	Zupar	9500
2	Marsden	Owner	4500
3	Neher	Varney	7000
4	Fischbeck	Boswell	2000
5	Beach	Beach	7000
6	Lindeman	Lindeman	16000
7	Fitzaugh	Kawneer	6000
8	The Heights	Western	1843
9	Young	Howard	10070
0	Garden	Johnson	10395
1	Y. M. H. A.	Michael	2200
2	Heyman	Owner	3000
3	Same	Same	2500
4	Kung Wo	Owner	50000
5	Karmclenski	Meyer	9000
6	Fisher	Fisher	3850
7	Heyman	Owner	24000
8	Weber	Peterson	8000
9	Altvater	Meyed	8000
0	Mertes	Merritt	5000
1	Brumfield	Owner	5000
2	Vizzard	Owner	8000
3	Whipple	Callaghan	2000
4	Cartoll	Owner	2900
5	Moneta	Arnott	12000
6	Arnott	Owner	4000
7	Roos	Emanuel	2500
8	Hamilton	Moller	1000
9	Hecht	Barrett	8500
0	Lutt	Dyhdal	1000
1	Two Thousand	Snook	42470
2	Garden	Mangels	8178
3	Breitman	Goldstein	5250
4	Same	Same	4800
4	Malloch	Owner	12000
5	Behan	Rasori	18000
6	Nelson	Owner	12000
7	Roselli	Owner	4000
8	Ferreros	New Era	2800
9	Maher	Ferroni	10680
0	Weill	Raymond	5595
261	Herlihy	Christiansen	13250
262	Stevens	Owner	20000
263	Janssen	Owner	7000
264	Field	Field	7000
265	Konkel	Owner	4000
266	Bellanca	Owner	2000
267	Costello	Owner	6000
268	Parkside	Owner	24000
269	Nelson	Owner	3500
270	S F Dairy	Britt	3000
271	Purcell	Owner	6000
272	Busse	Meinberger	12600
273	Lester	Davis	9000
274	Ross	Ross	28000
275	Young	Michael	2200
276	Thomson	Miller	1300
277	Shapiro	Wiander	11000
278	Ross	Ross	6000
279	Singer	Meyer	45000
280	Matt	Low	3000
281	Stewart	Owner	2000
282	Pietre	Owner	3500
283	Antoniole	Antoniole	8000
284	Stevens	Owner	7000
285	Bregante	Gusatavine	1134
286	Prager	Conlon	8000
287	Fratessa	Owner	12000
288	Schainman	Meyer	30000
289	Mercereau	Owner	14000
290	Kirby	Owner	5000
291	Hannen	McCormick	10000
292	Hibernia	Monson	19875
293	Hibernia	Mullen	8200
294	Hibernia	Raymond	3215
295	Hibernia	California	6570
296	Hibernia	Clark	10760
297	Gallaway	McCauley	3500
298	Leign	Owner	8000
299	Wiseman	Bailey	1175
300	Commercial	Dunn	8000
301	Levin	Owner	3000
302	Runseth	Owner	7000
303	McKanney	Olsen	9800
304	Jones	Merz	1200
305	Commercial	Universal	4000
306	Stock	Owner	100000
307	Ladd	Stock	70000
308	Sanfillipe	Gillogley	24000
309	Schlenker	Low	3355

APARTMENTS

(209) NW CABRILLO AND SECOND Ave. Two-story and basement frame (4) apartments.
Owner—Costello Bros., 321 34th Ave., San Francisco.
Architect—None. $9000

DWELLING

(210) S QUESADA 250 W Lane. One-story and basement frame dwlg.
Owner—T. A. Sourich & Ferrero, 1733 Palou Ave., San Francisco.
Architect—T. A. Sourich, 1733 Palou Ave., San Francisco. $4000

DWELLING

(211) N ROLPH 126 E Misslon. One-story and basement frame dwlg.
Owner—Ben Heglin, 251 Richland Ave., San Francisco.
Architect—None. $3000

DWELLING

(212) W WAWONA 63 S Vicente. One-story and basement frame dwlgs.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park, S. F.
Architect—None. $3800

DWELLINGS

(213) N ANZA 82-6 107-6 132-6 E 38th Ave. Three 1-story and basement frame dwellings
Owner—Meyer Bros., 603 First National Bank Bldg., San Francisco.
Architect—None. $4000 each.

DWELLING

(214) NE ANZA AND THIRTY-ninth Ave. One-story and basement frame dwelling
Owner—Meyer Bros., 603 First National Bank Bldg., San Francisco.
Architect—None. $4000

DWELLING

(215) 957 BERLIN STREET. One-story and basement frame dwelling.
Owner — D. Nevinski, 957 Berlin St., San Francisco.
Architect — F. Shurz, 1447 McKinnon Ave., San Francisco. $2000

FACTORY

(216) N BRYANT 175 W Third. Two-story and mezzanine floor concrete factory.
Owner—L. A. Giacobbi & Sons, ——
Engineer & Contractor—J. H. Hjul, 128 Russ St., San Francisco. $16000

DWELLING

(217) W FORTY-SECOND AVE. 125 S Geary One-story and basement frame dwelling.
Owner—C. J. Milton, 375 22nd Ave., San Francisco.
Architect—None. $4000

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

DWELLING
(218) E GOUGH 50 S Francisco. One and one-half story and basement frame dwelling.
Owner—J. F. Herlihy, 3021 Franklin St San Francisco.
Architect—None.
Contractor—John Harder, 870 39th Ave San Francisco. $5000

DWELLING
(219) W MIRAMAR 300 S Grafton. One-story and basement frame dwelling.
Owner—L. F. Sanders, 3577 22nd St., San Francisco.
Architect—None. $3000

LOFTS
(220) S MISSION 155-11 E Ninth. Three-story class "B" lofts.
Owner—F. J. Klenck, 311 Minna St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $56000

FLATS
(221) W FIFTEENTH AVE 233 S Geary. Two-story and basement frame (2) flats.
Owner—Roy W. and Georgia M. Hoffman, 457 11th Ave., San Francisco.
Architect—I. A. Richardson, 46 Wanda St., San Francisco.
Contractor—Wm. G. Zupar, 1095 Market St., San Francisco. $9500

DWELLING
(222) W TWENTIETH AVE. 375 S Lawton. One and one-half story and basement frame dwelling.
Owner—J. W. and M. Marsden, 507 Cole St., San Francisco.
Architect—None. $4500

DWELLING
(223) SE THIRTIETH AVE. AND Lincoln Way. One-story and basement frame dwelling.
Owner—Carl L. Neher, 860 Bush St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—F. W. Varney, 860 Bush St San Francisco. $7000

ALTERATIONS
(224) E TWELFTH AVE. 50 N Fulton. Remodel for private garage quarters, add 2 sun porches, etc., for dwelling.
Owner—A. Fischbeck, 12th Ave. and Fulton, San Francisco.
Architect—None.
Contractor — W. C. Boswell, 2764 McAllister St., San Francisco. $2000

APARTMENTS
(225) E TWENTY-THIRD AVE. 122-6 W Howard. Two-story and basement frame (4) apartments.
Owner—Harry Beach, 3643 20th St., San Francisco.
Architect—E. E. Young, 2002 California St., San Francisco.
Contractor—R. O. Beach, 4173 23rd St., San Francisco. $7000

FLATS
(226) E TWENTY-SEVENTH AVE. 250 275 S Cabrillo. Two 2-story and basement frame (2 in each bldg.) flats.
Owner—H. O. Lindemann, 619 27th Ave San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 619 27th Ave., San Francisco. $8000 each.

(227) NE POST & POWELL N 137-6 x E 162-9. Sheet metal work for store fronts for 10-story and basement class A office bldg.
Owner—Wm. M. & Mary E. Fitzhugh, Mills Bldg., San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor — Kawneer Manufacturing Co., 180 Jessie St., San Francisco.
Filed Jan. 17, 1924. Dated Jan. 10, 1924
Monthly 75%
Usual 35 days 25%
TOTAL COST, $6000
Bond, $3000; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, 55 days; Plans and specifications filed.

SHEET METAL
(228) N BROADWAY BET. OCTAVIA and Laguna. Sheet metal work for building.
Owner—The Heights, Monadnock Bldg. San Francisco.
Architect—Frederick W. Quandt, Humboldt Bank Bldg., San Francisco.
Contractor—Western Furnace & Cornice Co., 202 Brannan, S. F.
Filed Jan. 17, 1924. Dated Jan. 15, 1924.
10th day each month 75%
Usual 35 days 25%
TOTAL COST, $1843
Bond, $921.50; Sureties, Fidelity & Deposit Co., of Maryland; Forfeit, none; Limit, without delay; Plans and specifications filed.

BUILDING
(229) E ALBION 80 S Sixteenth S 30 xE 60. All work for building.
Owner—Wm. H. and Frances E. A. Young, 77 Dorland St., S. F.
Architect—None.
Contractor—Jos. Howard, 444 14th St., San Francisco.
Filed Jan. 17, '24. Dated Jan. 8, '24.
2nd floor joists set $1000
Roof on 1500
Brown coated 3000
Completed 2500
Usual 35 days..... 2070
TOTAL COST, $10,070
Bond, $2500. Sureties, Bryan Feerick and Frederick Howard. Limit, 120 days. Forfeit, plans and specifications none.

RESIDENCE
(230) NW SANTA PAULA & PORtola being Lot 24 Blk 23 St. Francis Wood Extn No. 2. All work for frame residence.
Owner—Garden Homes Co., 378 Post St., San Francisco.
Architect—Masten & Hurd, 168 Sutter St., San Francisco.
Contractor—Nels P Johnson, 1934 Folsom St., San Francisco.
Filed Jan. 17, '24. Dated Jan. 15, '24.
Frame up $2598.75
Brown coated 2598.75
Completed and accepted..... 2598.75
Usual 35 days..... 2598.75
TOTAL COST, $10,395.00
Bond, $5197.50. Sureties, Chas. Monson and Otto Anderson Limit, 110 days. Forfeit, $5. Plans and specifications filed.

ALTERATIONS
(231) NO. 121 HAIGHT ST. All work for alterations and additions to building.
Owner—Young Mens Hebrew Assn., 527 Chronicle Bldg., S. F.
Architect—None.
Contractor—Michael & Bomer.
Filed Jan. 17, '24. Dated Jan. 17, '24.
Completed and accepted.....$1100
Usual 35 days..... 1100
TOTAL COST, $2200
Bond, $1100. Surety, Maryland Casualty Co. Limit 30 days. Forfeit none. Specifications only filed.

RESIDENCE
E SAN FERNANDO 110 — St. Francis Blvd. Two-story and basement frame residence and one-story frame private garage.
Owner—Mr. and Mrs. Kendrick, % Architect.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contracter—Wilson & Benson, 420 Russia Ave., S. F. $5300

DWELLING
(232) E BERTITA 75 N Mohawk. One-story and basement frame dwelling.
Owner—Oscar Heyman & Bro., 742 Market St., San Francisro.
Arrhitedt—Alvin J. Stern, 742 Market St., San Fanrisco. $3000

DWELLING
(233) E FORTY-SIXTH AVE 225 N Lawton. One-story and basement frame dwelling.
Owner — Oscar Heyman & Bro., 742 Market St., San Francisco.
Architect—None. $2500

ALTERATIONS
(234) NE GRANT AVE AND SACRAmento. General interior and exterio changes for hotel and stores.
Owne—Kung Wo, Inc., 708 Grant Ave., San Francisco.
Architect—Sidney B. & Noble Newsom, 14 Montgomery St., S. F. $50,000

DWELLINGS
(235) N JUDAH 32-6, 53-4 and 74-2 E Funston Ave. Three one-story and basement frame dwellings.
Owner—R. Karmelenski, 117 Grant Ave. San Francisco.
Architect—None.
Contracto—Meyer Bros., 1st National Bank Bldg., S. F. $3000 each

DWELLING
(236) S JUDAH 82-6 W 22nd Ave. Two story and basement frame dwelling
Owner—O. C. Fisher and N. Fisher, 1814 Judah St., San Francisco.
Architect—H. Inskipp, 1814 Judah St., San Francisco.
Contractor—O. C. Fisher, 1814 Judah St., San Fancisco. $3850

DWELLINGS
(237) N MORAGA 29, 58, 87 and 116 E 12th Ave. Four one and one-half story and basement frame dwlgs.
Owner—Oscar Hiyman & Bro., 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco. $6000 each

DWELLINGS
(238) S NEWCOMB 125 and 200 W Keith. Two one-story and basement frame dwellins.
Owner—Mrs. C. Weber, 5015 Third St., San Francisco.
Architect—None.
Contractor—Anton Peterson, 2770 San Bruno Ave., S. F. $4000 each

DWELLINGS
(239) W SEVENTEENTH AVE 160 & 185 N Judah. Two one-story and basement frame dwellings.
Owner—W. F. Altvater, 2565 Mission St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 1st National Bank Bldg., S. F. $4000 each

ALTERATIONS
(240) NO. 318 THIRD AVE. Remodel for 4 apartments.
Owner—G. W. Mertes, Premises.
Architect—None.
Contractor—Geo. M. Merritt Bldg. Co., Inc., 3014 Geary St., S. F. $5000

RESIDENCE
(241) E THIRTIETH AVE 200 S California. Two-story and basement frame residence.
Owner—D. L. Bienfield, 447 21st Ave., San Francisco.
Architect—None. $5000

DWELLINGS
(242) W THIRTY-THIRD AVE. 100 125 N Anza. Two 1-story and basement frame dwellings.
Owner—J. B. Vizzard, 174 9th Ave., San Francisco.
Achitect—None. $4000 each.

ALTERATIONS
(243) 2542 FILLMORE STREET. Cement residence front; construct brick steps; remodel for basement garage.
Owner—F. Whipple, 2542 Fillmore St., San Francisco.
Architect—None.
Contractor—Jack Callaghan, 900 Clayton St., San Francisco. $2000

DWELLING
(244) E FORTY-FIRST AVE., 251-4 S Anza. One-story and basement frame dwelling.
Owner—F. Carroll Reed, 683 7th Ave., San Francisco.
Architect—Plans by owner. $2900

DWELLINGS
(245) S JOOST 126 151 176 201 E Forester. Four 1-story and basement frame dwellings.
Owner — Moneta Investment Co., 233 Pacific Bldg., San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 233 Granville Way, Sa nFrancisco. $3000 each.

DWELLING
(246) E JULES AVE. 210 S Hollway. One-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco.
Architect—None. $4000

ALTERATIONS
(247) MARKET AND STOCKTON STS Rearrange and alterations for mezzanine floor, hardwood flooring, paneling, etc.
Owner—Roos Bros., premises.

Architect—None.
Contractor — L. & E. Emanuel, Inc., 2665 Jones St., San Francisco.$2500

GARAGE
(248) N O'FARRELL 200 W Octavia. One-story frame private garage.
Owner—J. T. Hamilton, —.
Architect—None.
Contractor — R. W. Moller, 630 Call Bldg., San Francisco. $1000

ADDITION
(249) 1262 POST STREET. One-half story addition for stock room.
Owner—Hecht Investment Co., Kuhl Bldg., San Francisco.
Architect—Sylvain Schnaittacher, 233 Post St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $8500

REMODEL
(250) 3376 TWENTY-FIRST STREET. Remodel 8-room residence for 3 3-room apartments; 2 baths, etc.
Owner—Thomas Lutt, 3374 21st St., San Francisco.
Architect—None.
Contractor—John T. Dyhdal, 202 Anderson St., San Francisco. $1000

PLUMBING, GASFITTING
(251) N WASHINGTON 68-9 W Gough W 133.9 S 127.8¼ E 92.6 S 2 E 41.3 S 129¼. All work for plumbing and gasfitting, 10-story and basement apts. to reinforced concrete bldg.
Owner—Two Thousand and Six Washington Street, Inc.
Architect — C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.
Contractor—Frederick W Snook Co., 596 Clay St., San Francisco.
Filed Jan. 18, 1924. Dated Jan. 11, 1924.
Tenth day of each month.....75%
Usual 35 days 25%
TOTAL COST, $42,470.
Bond, $21,235; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, without delay; Plans and Specifications filed.

RESIDENCE
(252) SE SANTA PAULA AND PORtola, being Lot 1 Blk 24 St. Francis Wood, Extension No. 2. All work for 1-story frame residence.
Owner—Garden Homes Co., 278 Post St., San Francisco.
Architect—Marten & Hurd, 278 Post St San Fancisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.
Filed Jan. 18, 1924. Dated Jan. 15, 1924.
Frame up $2044.50
Erown coated 2044.50
Completed and accepted 2044.50
Usual 35 days 2044.50
TOTAL COST, $8178.00
Bond, $4089; Sureties, Theresa Gamma and Jno. A. F. Steimke; Forfeit, $5.; Limit, 110 days; Plans and Specifications filed.

BUNGALOW
(253) SW NORIEGA AND EIGHteenth Ave. S 75 S 25 W 95 N 65 —95 to beg. All work for 5-room bungalow.
Owner—Max and Mildred A. Breitman, 109 Montgomery St., San Francisco
Architect—None.
Contractor—Louis Goldstein, 3962 Clay St., San Francisco.
Filed Jan. 18, 1924. Dated Jan. 5, 1924.
Frame up $1200
Roof on 1200
Completed and accepted 1200
Usual 35 days 1200
TOTAL COST, $4800
Bond, Sureties, Forfeit, none; Limit, 100 days; Plans and Specifications filed.

BUNGALOW
(254) SW NORFIGA AND EIGHteenth Ave. S 25x W 95. All work for 5-room bungalow.
Owner—Max and Mildred Breitman, 109 Montgomery St., San Francisco.
Architect—None.
Contractor—Louis Goldstein, 3962 Clay St., San Francisco.
Filed Jan. 18, 1921. Dated Jan. 5, 1924.
Frame up $1312.50
Enclosed and brown coated ... 1312.50
Completed and accepted 1312.50
Usual 35 days 1312.50
TOTAL COST, $5250.00
Bond, Sureties, Forfeit, none; Limit, 100 days; Plans and Specifications filed.

APARTMENTS
(254) SE CARL & WILLARD. Threestory and basement frame (5) apartments.
Owner — J. S Malloch, 180 Jessie St., San Francisco.
Architect—Mel. Schwartz, Nevada Bk. Bldg., San Francisco. $12,000

APARTMENTS
(255) E EIGHTEENTH AVE 125 and 150 S Cabrillo. Two-story and basement frame (4 in each building) apartments.
Owner — Behan & Figone, 5754 Geary St., San Francisco.
Architect—None.
Contractor—S. Rasori, 410 Williams Bldg., S. F. $9000 each

DWELLINGS
(256) S LINCOLN WAY 65, 95, & 125 W Twenty-ninth Ave. Three two-story and basement frame dwlgs.
Owner—Fernando Nelson & Sons., Inc., 2 West Portal Park, S. F.
Architect—None. $4000 each

DWELLING
(257) S RUSSIA 50 W Paris. One-story and basement frame dwlg.
Owner—G. B. Rosselli, 473 London St., San Francisco.
Architect—None. $4000

DWELLING
(258) E SAN BRUNO 75 S Woolsey. One-story and basement frame dwelling.
Owner—L. Ferreros, 3289 Mission St., San Francisco.
Architect—None.
Contractor—New Era Bldg. Co., 3289 Mission St., S. F. $2800

APARTMENTS
(259) W TWENTY-FOURTH AVE 225 S Cabrillo W 120x8 25. All work except painting, wiring and plumbing and wall beds for two-story and basement frame building (flat and apartments)
Owner—Wm. W. and Madeleine Maher, 139 Cole St., San Francisco.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—G. Ferroni & Sons, 1926 Filbert St., San Francisco.
Filed Jan. 19, '24. Dated Jan. 9, '24.
Frame up and roof on.....$2670
Brown coated..... 2670
Completed and accepted..... 2670
Usual 35 days..... 2670
TOTAL COST, $10,680
Bond, none. Limit, 110 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported Jan. 16, 1924, No. 189.

GRANITE WORK
(260) IN CIVIC CENTER. Granite work for granite base and pedestal for monument for Raphael Weill.
Owner—The Raphael Weill Memorial Committee.
Architect—E. Pontremoli (Bakewell & Brown), 251 Kearny St., S. F.
Contractor—The Raymond Granite Co., Inc. 3 Potrero Ave., S. F.
Filed Jan. 19, '24. Dated Jan. 16, '24.
Completed and accepted.....$4196.25
Usual 35 days..... 1398.75
TOTAL COST, $5595.00
Bond, none. Limit, 36 days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(261) W BAKER 84 N Filbert 25x100 All work for frame apartments.
Owner—Wm. E. Herlihy, 1325 Broadway, San Francisco.
Architect—Christiansen Bros.
Contractor — Christiansen Bros., 518 28th Ave., San Francisco.
Filed Jan. 19, '24. Dated Dec. 28, '23.
Frame up $3312.50
Brown coated 3312.50
Completed and accepted..... 3312.50
Usual 35 days..... 312.50
TOTAL COST, $13,250.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported Jan. 4, 1924 No. 39.

APARTMENTS
(262) N CALIFORNIA 51 E Eighth Ave. Three-story and basement frame (12) apartments.
Owner—B. Stevens, care of Architect.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $20,000

FRAME FLATS
(263) S CABRILLO 95 E Twenty-fifth Ave. Two-story and basement frame (2) flats.
Owner—E. A. Janssen, Hearst Bldg., San Francisco.
Architect—None. $7000

DWELLING
(264) NE DEWEY BLVD. 200 SW Pacheco. One-story and basement frame dwelling.
Owner—Alice M. Field, 572 62nd St., Oakland.
Architect—None.
Contractor—Fred H. Field, 572 62nd St., Oakland. $7000

DWELLING
(265) E FORTIETH AVE 125 N Fulton. One-story and basement frame dwelling.
Owner—A. P. Konkel and S. Volz, 2751 16th St., San Francisco.
Architect—oNne. $4000

DWELLING
(266) S IRVING 32-6 E Thirty-sixth Ave. Two-story and basement frame dwelling.
Owner—Anna Bellanca, 1274 37th Ave., San Francisco.
Architect—None. $2000

RESIDENCE
(267) E TWENTY-FIFTH AVE 108 N Cabrillo. Two-story and basement frame residence.
Owner — W. Costello, 758 29th Ave., San Francisco.
Plans by Owner. $6000

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY
(THE SAN FRANCISCO BANK)
SAVINGS COMMERCIAL
INCORPORATED FEBRUARY 10th, 1868.
One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.
Member Associated Savings Banks of San Francisco
526 California Street, San Francisco, Cal.
DECEMBER 31st, 1923
Assets..... $89,174,468.57
Capital, Reserve and Contingent Funds..... 3,850,000.00
Employees' Pension Fund..... 430,275.37
MISSION BRANCH.....Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....Haight and Belvedere Streets
WEST PORTAL BRANCH.....West Portal Ave. and Ulloa St.
Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

DWELLINGS
(268) N ULLOA 32-6, 61-8, 90-10, 110 and 139-1 W Thirty-first Ave and N Ulloa 32-6 E Thirty-second Ave. Six one-story and basement frame dwellings.
Owner — Parkside Realty Co., 617 Crocker Bldg. San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000 each

DWELLING
(269) SE ULLOA AND MADRONE. One-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park, S. F.
Architect—None. $3500

STORAGE ROOM
(270) W STEINER 150 S Turk. One-story frame storage room.
Owner—San Francisco Dairy Co., 1553 Turk St., San Francisco.
Architect—None. $3000

DWELLINGS
(271) E THIRTY-SEVENTH AVE 50 and 75 N Anza. Two one-story and basement frame dwellings.
Owner — J. S. Purcell, 850 Presidio Ave., San Francisco.
Architect—None. $3000 each

FRAME FLATS
(272) W FOURTEENTH AVE 150 S Cabrillo S 25xW 127-6. All work for two-story and garage frame buildings (flats).
Owner—Edwin K. Busse, 3440 24th St., San Francisco.
Architect—None.
Contractor—H. S. Meinberger, 5720 California St, San Francisco.
Filed Jan. 21, '24. Dated Jan. 15, '24.
Rough frame up.....$3150
Brown coated 3150
Completed 3150
Usual 35 days..... 3150
TOTAL COST, $12,600
Bond, $6000. Surety, Val Meinberger. Limit. 110 days after Jan. 21, 1924. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(273) NW MARKET 700 NE Marshall Square NE 75x SW 100. All work for altering, repairing and changing two store fronts in building.
Owner—Nathan L. and Wm. W. Lester.
Architect—D. C. Coleman, 1171 Market St., San Francisco.
Contractor—Samuel Davis.
Filed Jan. 21, '24. Dated Jan. 18, '24.
Stores are brown coated and plate glass show windows installed 6.....$3375
Completed and accepted..... 3375
Usual 35 days..... 2250
TOTAL COST, $9000
Bond, $9000. Surety, Globe Indemnity Co. Limit, 43 days. Forfeit, $15. Plans and specifications filed.

DWELLINGS
(274) W FIFTEENTH AVE. 100 125 200 200 225 225 250 N Kirkham. Seven 1-story and basement frame dwellings.
Owner—L. S. Ross, 1440 15th Ave., San Francisco.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—D. W. Ross, 180 Jessie St., San Francisco. $4000 each.

ALTERATIONS
(275) 121 HAIGHT STREET. Replace flooring gymnasium; tile floor in vestibule; painting, etc.
Owner—Young Mens Hebrew Association, 121 Haight St., San Francisco.
Architect—None.
Contractor—Michael & Bomera, 762 De Haro St., San Francisco. $2200

ADDITION
(276) 1170 JACKSON STREET. Construct four rooms in basement of apartment house.
Owner—Albert Thomson, 1170 Jackson St., San Francisco.
Architect—None.
Contractor—Fred Miller, 525 Dolores St., San Francisco. $1300

APARTMENTS
(277) NW LAFIDGE AND NINEteenth St. Two-story and basement frame (4) apartments.
Owner—H. Shapiro, 656 18th Ave., San Francisco.
Architect—None.
Contractor—E. Wiander, 41 Coleridge St., San Francisco. $11000

FLATS
(278) N LINCOLN WAY 87-6 E Eighth Ave. Two-story and basement frame (2) flats.
Owner—L. S. Ross, 1440 15th Ave., San Francisco.
Architect—None
Contractor—D. W Ross, 180 Jessie St., San Francisco. $6000

APARTMENTS
(279) NW POST AND PIERCE STS. Three-story and basement frame (17) apartments.
Owner—E. Singer, ——.
Architect—E. A. Neumarkel, 544 Market St., San Francisco.
Contractor—Meyer Bros., 603 First National Bank Bldg., San Francisco. $45000

DWELLING
(280) E PETERS AVE. 178-7 S Fair. One-story and basement frame dwelling.
Owner—Matt & Sophie Schlenker, 48 Bernal Ave., San Francisco.
Architect—None.
Contractor—James Low, 76 Coleridge St. ,San Francisco. $3000

DWELLING
(281) E REVERE AVE. 75 S Ingalls. One-story and basement frame dwelling.
Owner—A. L. Stewart, 1215 Revere Ave San Francisco.
Architect—Plans by Owner. $2000

DWELLING
(282) W FORTY-SEVENTH AVE 75 N Fulton. One-story and basement frame dwelling.
Owner—Charles Pietro, 605 Arguello Blvd., San Francisco.
Architect—None. $3500

DWELLINGS
(283) E THIRTY-FOURTH AVE 125 150 N Balboa. Two 2-story and basement frame dwellings.
Owner—Frank Antoniolo & Sam Markovich, 3415 22nd St., San Francisco.
Architect—None.
Contractor—Frank Antonioli, 3415 22nd St., San Francisco. $4000 each.

APARTMENTS
(284) W TWENTY-EIGHTH AVE. 50 S California. Two-story and basement (4) apartments
Owner—Arthur B. Stevens, 4026 Fulton St., San Francisco.
Architect—None. $7000

ALTERATIONS
(285) 399 BAY STREET. Re-arrange hall in rooming house.
Owner—Stefano Bregante, 679 Francisco St., San Francisco.
Architect—None.
Contractor—B. Gusatavino, 400 Bay St. San Francisco. $1134

ALTERATIONS
(286) 59 FIRST AVENUE. (E 1st Ave. 80 N Washington). Alterations to interior and exterior of residence; plasier exterior.
Owner—I. P. Prager, San Mateo, Cal.
Architect—Samuel Lightner Hyman, 68 Post St., San Francisco.
Contractor—Conlan Bros., 1935 Howard St., San Francisco. $8000

RESIDENCES
(287) W GIRARD 75 100 125 S Olmstead. Three 1-story and basement frame residences.
Owner—Joseph S. Fratessa, 896 Girard St., San Francisco.
Architect—None. $4000 each.

APARTMENTS
(288) S GROVE 150 E Divisadero. Two-story and basement frame (6) apartments.
Owner—Schalnman Realty Co., Chronicle Bldg., San Francisco.
Architect — Samuel Lightner Hyman, 821 Foxcroft Bldg., San Francisco.
Contractor—Meyer Bros., 5324 Geary St San Francisco. $30000

FLATS
(289) S GREEN 90 E PIERCE. Two story and basement frame (2) flats.
Owner — Theresa B. Mercerau, 2836 Washington St., San Francisco.
Architect—None. $140
FLATS
(290) E SEVENTH AVE 250 S C brillo. Two-story and baseme frame (2) flats.
Owner—Margaret Kirby, 430 20th Av San Francisco.
Arch tect—None. $56

FLATS
(291) W TWELFTH AVE. 175 N Cal fornia. Two-story and basemei frame (2) flats.
Owner—Patrick Hannon, 551 11th Av San Francisco.
Architect—None
Contractor—Thos. McCormick, 73 Hi St., San Francisco. $10,00

EXCAVATION, ETC.
(292) NW TWENTY-SECOND AN Valencia N 50xW 82-6 Excavatio concrete, brick, terra cotta, etc., fo one-story and basement building.
Owner—The Hibernia Savings & Loa Society, NW Jones and McAlliste Sts., San Francisco.
Architect — Bakewell & Brown, 25 Kearny St., San Francisco.
Contractor—Monson Bros., 251 Kearn St., San Francisco.
Filed Jan. 22, '24. Dated Jan. 18, '24.
Concrete footings in.....$100
Concrete completed 700
Brick work completed..... 500
Completed and accepted..... 190
Usual 35 days..... 496
TOTAL COST, $19,87
Bond, $9937.50. Surety, Globe Indemnity Co. Limit, as required Forfeit none. Plans and specifications filed.

(293) CARPENTER WORK, MILL work and cabinet work on above.
Contractor—The Mullen Mfg. Co., 63 Mission St., San Francisco.
Fied Jan. 22, '24. Dated Jan. 18, '24
Competed and accepted.....$615
Usual 35 days 205
TOTAL COST, $820
Bond, $4100. Surety, Union Indemnity Co. Limit, as required. Forfeit, none. Pans and specifications fied.

(294) GRANITE WORK ON ABOVE.
Contractor—The Raymond Granite Co., 3 Potrero Ave., San Francisco.
Fied Jan. 22, '24. Dated Jan. 18, '24.
Competed and accepted.....$2411
Usual 35 days 804
TOTAL COST, $3215
Bond, none. Limit, as required. Forfeit, none. Plans and specifications filed.

(295) STEEL WORK ON ABOVE.
Contractor—The California Steel Co., Hobart Bldg., San Francisco.
Filed Jan 22, '24 Dated Jan. 18, '24.
Steel delivered on job.....$4000
Completed and accepted..... 927
Usual 35 days..... 1643
TOTAL COST, $6570
Bond, none. Limit, 45 days. Forfeit, none. Plans ad specifications filed.

(296) TERRA COTTA WORK ON above.
Contractor—N. Clark & Sons, 116 Natoma St., San Francisco.
Filed Jan. 22, '24. Dated Jan. 19, '24.
On 16th of each month..... 75%
30 days after..... 25%
TOTAL COST, $10,720
Bond, none. Limit, 75 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
NO. 1122A-1124 MARKET. Re-arrange show windows; erect partitions for stores.
Owner—Nathan and Wm. Lester, % O. J. Rucker, Mills Bldg., S. F.
Architect—D. C. Coleman, 1169 Market St., San Francisco.
Contractor—Samuel Davis, 785 Lerida Ave., Oakland. $9000

RESIDENCE
(297) N CASTENADA 175 E Montcalm. Two-story and basement frame residence.
Owner—Wm. W. and Cornelia A. Gallaway, 1336 Willard St. S. F.
Architect — Arthur C. Griewank, 516 Call Bldg., San Francisco.
Contractor—McCauley & Weber, 1131 Ocean Ave., S. F. $3500

DWELLINGS
(298) E FORTY-FIRST AVE 126-4 & 151-4 S Anza. Two one-story and basement frame dwellings.

Owner — David Leigh, 807 34th Ave., San Francisco.
Architect—None $4000 each

ALTERATIONS
(299) NO. 2293 MISSION. New front concrete work, etc., for furniture store.
Owner—J. Wiseman, 541 Guerrero St., San Francisco.
Architect—None.
Contractor—J. M. Bailey, 310 Excelsior Ave., San Francisco. $1175

STORES
(300) W MISSION 65 N Twenty-fifth. One-story concrete (4) stores.
Owner—Commercial Center Realty Co., 916 Kearny St., San Francisco.
Architect—W. L. Schmolle, 235 Montgomery St., San Francisco
Contractor—Joseph Dunn, 235 Montgomery St., San Francisco. $8000

WAREHOUSE
(301) E THIRD 80 S Nineteenth. One story and mezzanine floor warehouse.
Owner—M. Levin & Sons.
Consulting Engineer—S. B. Misrack, 34 29th St., San Francisco. $3000

FRAME FLATS
(302) N WALLER 165 W Shrader. Two-story and basement frame (2) flats.
Owner—G. Hunseth, 2245 15th St., San Francisco.
Architect—None. $7000

FLATS
(303) W DOLORES 182 N Twenty-second. Two-story and basement frame (2) flats
Owner—John McKanney, 1009 Dolores St., San Francisco.
Architect—None.
Contractor—Carl Olsen, 875 47th Ave., San Francisco. $9800

ALTERATIONS
(304) NO. 2292 FILLMORE. Reconstruct store front; electric work, ratproofing, etc., for market.
Owner—Thomas F. Jones and Wreden Co., 2294 Fillmore St., S. F.
Architect—None.
Contractor — John H. Marz, 273 Lily Ave., San Francisco. $1200

ALTERATIONS
(305) SW GROVE AND LAGUNA. General repairs and changes for garment factory.
Owner—Commercial Center Realty Co., 916 Kearny St., S. F.
Architect—M. J. Lyon, 916 Kearny St., San Francisco.
Contractor—Universal Constr. Co., 916 Kearny St., S. F. $4000

APARTMENTS
(306) NE HYDE AND O'FARRELL. Six-story and basement Class C apartments
Owner—Stock & Jose, 251 Kearny St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $100,000

APARTMENTS
(307) N O'FARRELL 65 E Hyde Four story and basement Class C (32) apartments.
Owner—Mark K. Ladd, % Architect.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Contractor—Stock & Jose, 251 Kearny St., San Francisco. $70,000

FLATS
(308) S UNION 191, 217 and 243 E Van Ness Ave. Three two-story & basement frame (2 in each building) apartments.
Owner—Geo. Sanfillipo, 900 Cortland Ave., San Francisco.
Architect—None.
Contractor—J. W. Gillogley, 745 San Jose Ave. $8000 each

COTTAGE
(309) E PETERS AVE. 178-7 S Fair Ave. All work for 1-story frame cottage.
Owner—Matt and Sophie Schlenker, 48 Bernal Ave., San Francisco.
Architect—None.
Contractor—Jas. Low, 76 Coleridge St., San Francisco.
Filed Jan. 23, 1924. Dated Jan. 21, 1924.
Ready for roof 25%
Brown coated 25%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST, $3355
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and Specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
Jan. 10, 1924—W EIGTHH 125 N
Jan. 18, 1924—N MAGELLAN AVE 170 W Cortez W 33-4xN 100. Berger and Rhoda C Porsell to whom it may concern.....Jan. 18, 1924
Jan. 18, 1924—S GROVE 131-3 W Ashbury 25x137-6. Theodore P and Antonia Merz to whom it may concern.....Jan. 18, 1924
Jan. 18 1924—LOT 24 BLK G and Lot 7 Blk H Mission Terrace. Walter E Hansen to whom it may concern.....Jan. 17, 1924
Jan. 18, 1924—E FAXON AVE 85 N Ocean Ave N 34x100. J Rooney to E Wiander.....Jan. 17, 1924
Jan 18, 1924—COMG. 100 N LAWton on W 19th Ave No. 1577 19th Ave. John Brunzell to J A Pereira .....Jan. 17, 1924
Jan. 18, 1924—S TARAVAL 57-6 E Twenty-seventh Ave E 25xS 100. Robert H and Freida M Chambers to whom it may concern.Jan. 11, '24
Jan. 18, 1924—S FRANCISCO 225 & 250 E Octavia E 25xS 137-6. Sbarboro Detjen & Noonan to whom it may concern.....Jan 18, 1923
Jan. 18, 1924—S FRANCISCO 200 E Octavia E 25xS 137-6 Sbarboro Detjen & Noonan to whom it may concern.....Jan. 18, 1924
Jan. 18, 1924—SE TWENTY-FOURTH Ave and California 32-6 on California and 75 and 24th Ave. Harold and Clara A Scheier to whom it may concern.....Jan. 17, 1924
Jan. 18, 1924—N BALBOA 82-6 E 17th Ave 25x100. Severin Steinouer to whom it may concern..Jan. 18, 1924
Jan. 21, 1924—N HAIGHT 55 E Gough N 120 E 55 S 86 m or 1 SW 59-11 W 6-6¾. Jas B Gaffney and Raymond A. Luce to G P W Jensen.....Jan 20, 1923
Jan. 21, 1924—W GRANADA AVE 183 S Ocean Ave 25x112-6. Thos J Sullivan to whom it may concern .....Jan. 21, 1924
Jan. 21, 1924—N OAK 247-3 W Van Ness Ave W 63-9xN 120. The Young Men's Institute Assn to P A Smith Co, Guilfoy Cornice Works. .....Jan. 12, 1924
Jan. 21, 1924—E THIRTY-EIGHTH Ave 175 S Lincoln Way S 25xE 120. St. Francis Realty Co to whom it may concern.Jan. 19, 1924
Jan. 21, 1924—250 S ANZA on 20th Ave. bet. Anza and Balboa. J M Schlesinger to P A Nelson.....Jan. 17, 1924
Jan. 19, 1924—SE BRYANT 310 SW 5th SW 3$xSE 122-6. Walter H Sullivan Inc to George Wagner Inc .....Jan. 10, 1924
Jan. 19, 1924—W FIFTEENTH AVE 325 S Irving S 25xW 127-6. James T and Hannah M Rooney to August Hallgren.....Jan. 18, 1924
Jan. 19, 1924—E BRANNAN & GILBER 80xSE 125. Chas E and Jennie L Phillips to Coast Constr Co.....Jan. 16, 1924
Jan. 19, 1924—N ANZA 106 W 14th Ave No. 1328-1330 Anza. C Hexberg to whom it may concern.....Jan. 17, 1924
Jan. 19, 1924—SE FILLMORE AND Moulton E 137-6xS 34-6 Nisio Guisti to H E Hansen...Jan. 19, 1924
Jan. 19, 1924—N EDDY 97-6 W Jones W 40xN 87-6. R J O'Brien to Kiernan & O'Brien.....Jan. 19, 1924
Jan. 19, 1924—W TWENTY-SIXTH Ave 160 N Geary. Louella and Nicholas T Arrington to Christiansen Brcs.....Jan. 18, 1924
Jan. 19, 1924—LOT 33 BLK H Mission Terrace. Emil Cerf to McCauley & Wober.....Jan. 19, 1924
Jan. 18, 1924—W TWENTY-FOURTH Ave 150 and 175 S Irving. Elias Vigen to whom it may concern... .....Jan. 18, 1924
Jan. 22, 1924—S BAY 87-6 W Gough W 25xS 87-6. R E Callahan to John Eldrup.....Jan. 21, 1924
Jan. 22, 1924—FOURTH AND FIFTH Sts., bet. Berry & Channel. Southern Pacific Co to James F McElroy .....Jan. 14, 1924
Jan. 22, 1924—SE DUNCAN AND Dolores. Ward C Brown to whom it may concern.....Jan. 21, 1924
Jan. 22, 1924—NO. 64 AND 66 FIFTH Ave. De Wolf Realty Co to Geo M Merritt Bldg Co.....Jan. 21, 1924
Jan. 22, 1924—W LEAVENWORTH 68-10½ N O'Farrell. O Monson to whom it may concern.Jan. 22, 1924
Jan 22, 1924—W LEAVENWORTH 163-1½ — O'Farrell. Chas Monson to whom it may concern.Jan. 22, 1924
Jan. 22, 1924—W TWENTIETH AVE 175 N Fulton N 25xW 120. S Bem to whom it may concern.Jan. 22, 1924
Jan. 23, 1924—NE GENEVA AVE & Madrid 25x100. A Raeta to whom it may concern.....Jan. 22, 1924
Jan. 23, 1924—E THIRTY-EIGHTH Ave 25 S Cabrillo S 25x82-6. Chas Haggans to whom it may concern .....Jan. 10, 1924
Jan 23, 1924—W SANSOME 45-10⅞ m or 1 N Sutter N 91-6xW 122-9. The Anglo & London Paris Nat'l Bank of S F to Paul E Denivelle .....Jan. 21, 1924
Jan. 23, 1924—N SILVER 250 and 275 W Congdon Ave 25x110. Wm Davoch to whom it may concern .....Jan. 23, 1924
Jan. 23, 1924—N GENEVA AVE 25 E Madrid 25x100. Fred G Pfeifer to whom it may concern..Jan. 22, 1924
Jan. 23, 1924—NW THIRTEENTH & Harrison 36-0¾ on Harrison by 80. J Neilsen Gronn to E V Lacey... .....Jan. 16, 1924
Jan. 23, 1924—S PAGE 156-3 E Shrader E 25xS 137-6. Thos Imstad and John Robertson to whom it may concern.....Jan. 23, 1924
Jan. 23, 1924—W FAXON AVE 275 S Holloway Ave S 25xW 112-6 Lot 42 Blk 22, Lakeview. The McCarthy Co to James Arnott & Son..... .....Jan. 22, 1924
Jan. 23, 1924—S JERSEY 216 E Church E 24-6xS 100. J P Cammon to Thos Hamill.....
Jan. 23, 1924—S DAY 125 E Church. Walter C Fish to Joel Johnson & Son.....Jan. 22, 1924
Jan. 23, 1924—SW QUESADA AVE 250 NW Lane NW 25xSW 100 Ptn Lot 5 Blk 348 South S F Hd and R R Assn. Philip H Crimmins and Richard F Cassidy to McKellar & Son.....Jan. 2, 1924
Jan. 23, 1924—NE POWELL & POST N 137-6xE 162-9. Wm M and Mary E Fitzhugh to P H Jackson & Co..
Jan. 24, 1924—W FIFTEENTH AVE 200 N Fulton N 25xW 120. John S Ramsay to Meyer Bros..... .....Jan. 22, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Accepted
Jan. 21, 1924—W FOLSOM 185 S 19th S 90xW 122-6. Frank King vs Sam Silverman & Wm Green.$146.50
Jan. 21, 1924—W SAN BRUNO AVE 75 N Woolsey N 25x90 No. 2880 San Bruno Ave. Electric Equipment & Installation Co vs J Hoppe $77.02
Jan. 22, 1924—SE LINCOLN WAY & Forty-third Ave E 32-5xS 100. Reinhart Lumber & Planing Mill Co vs Jas C Gibson and Carrie E Bridge $306.71
Jan. 23, 1924—S HAIGHT 104-11 W Broderick W 75-1 S 110 W 32 m or 1 SE 10 m or 1 E 99-9¾ N 120. Patrick Farrell vs George Ballet and Vladimer M Imschenetsky $71.50

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Jan. 23, 1924—S HAIGHT 104-11 W Broderick S 120 W 105-0⅝ NW 10 m or 1 E 32 m or 1 N to Haight E 75. Albert I Mollis vs George Ballett and V Imshenectsky.$1102.43

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Jan 18,1924—220-222-224 POWELL. United Cigar Stores Co as to improvements on property.....

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Jan. 21, 1924.—LOT 11 Crocker Amazon Tract. Acme Lumber Co to A Orlandi and H E Hansen.....

Jan. 22, 1924—SE MARKET 275 NE Eighth SE 200 NE 25 SE 75 NE 25 SE 75 SW 50 SE 10 SW 275 NW 160-2 NE 180 NW 25 NE 25 NW 175-1 NE 70. J A Mohr & Son, Inc to A F Rousseau and Marion Realty Co $4121.11

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
265	Nilson	Owner	2500
266	Meinero	Owner	2000
267	Naylor	Hendrickson	7000
268	Dunston	Bradhoff	4720
269	Medes	Tandy	5800
270	Walker	Grady	1800
271	Opritz	Owner	2400
272	Union	Fartaul	1000
273	Oscar	Owner	3500
274	Same	Same	3500
275	Betmont	Legault	10000
276	Peacock	Roust	5870
277	Krohn	Owner	3000
278	Parker	Owner	2000
279	Melrose	Wells	3300
280	S P Co	Hutchinson	——
281	Chandler	Tranmal	13100
282	Brasch	Owner	4000
283	Spanggard	Henderson	11000
284	Gregg	Harris	8000
285	Anderson	Rose	1000
286	Brasch	Owner	4000
287	Whalen	Owner	5000
288	Webb	Johanson	5200
289	Surryhue	Owner	1000
290	Lofgran	Owner	8000
291	Shinn	Sircy	6188
292	Franklin	Nat'l	1500
293	Hudson	Owner	2000
294	Geary	Geary	5500
295	Geary	Geary	5000
296	Nicovich	Rutherford	6750
297	Nunemacher	Owner	27000
298	Stewart	Owner	2500
299	East	Owner	3000
300	East	Owner	10000
301	Jamison	Texdahl	3500
302	Hurt	Diestel	2000
303	Bardwell	Owner	5000
304	Rogers	Owner	3650
305	Hook	Tollefsen	3000
306	Whalen	Owner	5000
307	Nicovich	Rutherford	6750
308	Fish	Owner	4500
309	West	Owner	14750
310	Hantz	Owner	2500
311	Twazo	Zappetini	8000
312	Manani	Lofgran	4000
313	Harris	Thomas	2000
314	Stulsaft	Thornally	13000
315	Grant	Mallett	16800
316	Jacobson	Owner	3000
317	Pfrang	Owner	6000
318	Taylor	Owner	7200
319	Piccardo	Boed	5200
320	Stone	Owner	1000
321	Briggs	Skaggs	3850
322	Hathens	Owner	2000
323	Roffo	Passorino	5000
324	Wilkes	Howard	1000
325	Wann	Owner	4000
326	Williams	Calif.	6000
327	Saher	Owner	3000
328	Sullivan	Owner	3000
329	Vencenzi	Ingram	5500
330	McIntyre	Owner	11000
331	Cotton	Cotton	2500
332	Sequiere	Charleston	11400
333	Anderson	Owner	6000
334	Geasgon	Anderson	7000
335	McLoren	Naegle	2650
336	Dowling	Owner	2900
337	Stocking	Owner	2800
338	Stocking	Owner	——
339	Peters	Owner	2300
340	Chambers	Peters	2200
341	Henshell	Worsley	——
342	Hobbs	Hubbard	3000
343	Clark	Broodhead	22000
344	Mistrono	Woodworth	3750
345	Curly	Ekstrow	1000
346	Wetzel	McNaughton	1000
347	Razzano	Owner	3800
348	Woodburn	Owner	4000
349	Johanson	Owner	5300
350	Leonard	Owner	15000
351	Johanson	Owner	2150
352	Armstreng	Oyermann	3400
353	Brown	Owner	3000
354	Brown	Owner	3500
355	American	Owner	2500
356	Carlson	Mortensen	3500
357	Kesler	Vaughn	6500
358	Pisacco	Wieben	5500
359	Ferreira	Leonardo	2610
360	Hoffman	Van Horn	3500
361	Fess	Owner	11000
362	Clauson	Owner	3600
363	Marsuis	Owner	5600
364	Marquis	Owner	5600
365	Sommarstrom	Owner	12000
366	Ryden	Owner	2800
367	Keile	Owner	3850
368	Holladay	Baker	4500
369	Hook	Tollefsen	3300
370	Caroll	Patterson	4300
371	Piccardo	Bold	5200
372	Marquie	Owner	3000
373	Marquis	Owner	6000
374	Jaynes	Johnson	4000
375	Poggart	Cardy	4000
376	Rico	Daly	3500
377	Sneed	Sader	1000
378	Hinch	Owner	5100
379	Marchall	Stolte	21000
380	Scammell	Owner	5800
381	Rueger	Allen	13500
382	McCarthy	Owner	4000
383	Stephens	Nelson	6000
384	Blackman	Petersen	7000
385	Barney	Stolte	7000
386	Harris	Owner	10000
387	Holladay	Baker	4800
388	Jones	Owner	2500
389	Williams	Owner	3000
390	Mathison	Owner	3100
391	Rose	Owner	1000
392	McCoy	Owner	6000
393	David	Anderson	2250
394	Hoffsinger	Muller	11000
395	Goldstein	Sommarstrom	28000
396	Laurey	Dolan	9945
397	Wright	Gassett	8000

DWELLING
(265) NO. 1407 HEARST AVE., Berkeley. One-story 5-room dwelling
Owner—Robert E. Nilson, 1201 Bancroft Way, Berkeley.
Architect—None. $2500

DWELLING
(266) NO. 1431 NEILSON, Berkeley. One-story 4-room dwelling.
Owner—Jacomo Meinero, 1509 Kains Ave., Berkeley.
Architect—None. $2000

DWELLING
(267) NO. 2937 RUSSELL ST., Berkeley. Two-story 7-room dwlg.
Owner—M. Naylor, 14 Alvarado Court, Berkeley.
Architect—None
Contractor—A. Hendrickson, 6458 Raymond St., Oakland. $7000

DWELLING
(268) W SAN LUIS ROAD 400 N Indian Rock Ave., Berkeley. One-story 4-room concrete dwelling.
Owner—C. E. Dunston.
Architect—None.
Contractor—C. O. Bradhoff, 911 55th St., Oakland. $4720

WAREHOUSE
(269) NO. 1311 SAN PABLO AVE., Berkeley. One-story warehouse.
Owner—A. J. Medes, 1315 San Pablo Ave., Berkeley.
Architect—A. J. Hurley, 1021 Florida Ave., Richmond.
Contractor—Tandy & Theis, 234 Chanslor Ave., Richmond. $5800

DWELLING
(270) W ABBEY 70 S Penniman Ave., Oakland. One-story 3-room dwlg.
Owner—Mrs. J. Walker, 3615 Penniman Ave., Oakland.
Architect—None.
Contractor—Edw. F. Grady, 3626 Lyon Ave., Oakland. $1800

DWELLING
(271) E BARTLETT 150 E Davis, Oakland. One-story 4-room dwelling.
Owner—G. Opritz, 2322 Bartlett St., Oakland.
Architect—None. $2400

GARAGE
(272) SE E-TENTH ST. AND HIGH, Oakland. One-story brick garage.
Owner—Union Ice Co., 554 Pine St., San Francisco.
Architect—None.
Contractor—S. F. Fartaul, 381 Euclid Ave., Oakland. $1000

DWELLING
(273) N FOOTHILL BLVD. 280 E Mitchell, Oakland. One-story 5-room dwelling.
Owner—Edw. J. McOscar, 3301 E-23rd St., Oakland.
Architect—None. $3500

DWELLING
(274) N ..FOOTHILL BLVD 240 E Mitchell, Oakland. One-story 5-room dwelling.
Owner—Edw. J. McOscar, 3301 E-23rd St., Oakland.
Architect—None. $3500

SEORES, ETC.
(275) N FORTIETH 77 E Manila Ave., Oakland. Two-story 10-room stores and flats.
Owner—Louis Betment, 3857 Piedmont Ave., Cakland.
Architect—None.
Contractor—Oliver Legault, 96 Montel St., Oakland. $10,000

DWELLING
(276) NO. 5822 SHATTUCK AVE., Oakland. One-story 6-room dwelling and garage.
Owner—J. C. Peacock, 5819 McCall St., Oakland.
Architect—None.
Contractor—A. Roust, 6508 Raymond St., Oakland. $5870

DWELLING
(277) E SIXTY-FOURTH AVE 235 N Avenal Ave., Oakland. One-story 5-rcom dwelling.
Owner—Fred Krohn, 178 Gillette Ave., San Francisco.
Architect—None. $3000

DWELLING
(278) E SIXTY-SEVENTH AVE 300 S Avenal Ave., Oakland. One and one-half-story 4-room dwlg.
Owner—T. H Parker, 1127 8th Ave., Oakland.
Architect—None. $2000

DWELLING
(279) S WALNUT AVE 100 E High, Oakland. One-story 5-room dwlg.
Owner—Melrose Realty Co., 4516 E-14th St., Oakland.
Architect—None.
Contractor—R. K. Wells, 939 Mission St., San Francisco. $3350

GRADING
(280) PARAFFIN STATION. Grading.
Owner—S. P. Co.
Architect—None.
Contractor—Hutchinson Co., Hutchinson Bldg., Oakland.
Filed Jan. 17, 1924. Dated Jan. 9, 1924.
Each month 75%
Usual 35 days 25%
TOTAL COST, 95c per cu. yd.
Bond, $1425; Sureties, Globe Indemnity Co.; Forfeit, none; Limit 30 days; Plans and specifications filed.

DWELLING
(281) LOT 3 & W 13 LOT 4 BLK C Claremont Court, Berkeley. All work for 2-story frame dwelling and garage.
Owner—John C. & Sara P. Chandler, 2955 Hillegass Ave., Berkeley.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—Tranmal & Bradhoff, Oakland.
Filed Jan. 17, 1924. Dated Jan. 15, 1924.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 30 days .....¼
TOTAL COST, $13,100
Bond, None; Forfeit, $3 day; Limit, 100 days; Plans and specifications filed.

DWELLINGS
(282) 1724 & 1728 ACTON, Berkeley. Two 1-story 5-room dwellings.
Owner—M. P. Brasch, 2734 Ashby Ave., Berkeley.
Architect—None. $4000

FLATS
(283) 1834-36-38-40 CARLTON, Berkeley. 2-story 12-room flats.
Owner—J. A. Spanggard.
Architect—None.
Contractor — E. F. Henderson, 5744 Keith Ave., Oakland. $11,000

ALTERATION
(284) 2509-11 DANA ST., Berkeley. Alteration.
Owner—John W. Gregg, 2401 Blake St., Berkeley.
Architect—Geo. Rushforth, 354 Pine St. San Francisco.
Contractor—Harris & Norwood, Berkeley. $8000

ALTERATION
(285) 2130 ESSEX ST., Berkeley. Alterations.
Owner—Martha E. Anderson, premises.
Architect—None.
Contractor—S. S. Rose, 755 Morse St., San Jose. $1000

DWELLING
(286) 1378 FRANCISCO, Berkeley. 1-story 5-room dwelling.
Owner—M. P. Brasch.
Architect—None. $4000

DWELLING
(287) W ADAMS ST. 380 S Perkins, Oakland. 1-story 6-room dwelling.
Owner—John F. Whalen, Federal Bldg. Oakland.
Architect—None. $5000

DWELLING
(288) 7118 & 7200 BISSELL ST., Oakland. Two 1-story 4-room dwlgs.
Owner—T. E. Webb.
Architect—None.
Contractor—K. A. Johanson, 2429 13th Ave., Oakland. $2600 each

ALTER & REPAIR.
(289) 9238 C ST., Oakland. Alterations and repairs.
Owner—G. J. Surryhue, 9222 C St., Oakland.
Architect—None. $1000

FLATS
(290) N DAISY 180 E Tompkins, Oakland. 2-story 12-room flats.
Owner—Lofgren & Artsen, 4925 Daisy Oakland.
Architect—None. $8000

DWELLING
(291) E EDGEWOOD 312 S Hollywood Oakland. 1-story 7-room dwelling.
Owner—S. F. Shinn, 1086 Randolph Ave Oakland.
Architect—None.
Contractor—J. B. Sircy, 2057 Central Ave., Alameda. $6188

MARQUISE
(292) COR. FIFTEENTH & FRANKlin Sts., Oakland.
Owner—Franklin Theatre, Oakland.
Architect—None.
Contractor—Nat. Elec. Sign Co., 510 18th St., Oakland. $1500

DWELLING
(293) 2733A FOOTHILL BLVD., Oakland. 1-story 4-room conc. dwlg.
Owner — Geo. Hudson, 2757 Foothill Blvd., Oakland.
Architect—None. $2000

DWELLING
(294) 530 FIFTY-EIGHTH ST., Oakland. 1-story 7-room dwelling and garage.
Owner—H. K. Geary.
Architect—None.
Contractor—L. G. Geary, 522 58th St., Oakland. $5500

DWELLINGS
(295) 526 & 528 FIFTY-EIGHTH ST., Oakland. Two 1-story 4-room dwellings.
Owner—H. K. Geary. 530 58th St.,Oakland.
Architect—None.
Contractor—L. G. Geary. $2500 each

ADDITION
(296) 625 FORTIETH ST., Oakland. 1-story concrete addition to garage.
Owner—D. Nicovich, 621 O St., Sacramento.
Architect—None.
Contractor—T. Rutherford, 985 35th St Oakland. $6750

FLATS
(297) 2712 & 2718 & 2724 HARRISON Ave. Oakland. 3 2-story 10-room flats.
Owner—A. H. Nunemacher, 792 19th Av San Francisco.
Architect—None. $9000 each

DWELLING
(298) N END HARRINGTON AVE., Oakland. 1-story 4-room dwelling.
Owner—J. E. Stewart & F. B. Fake, 686 Sycamore, Oakland. $2500
Architect—None.

DWELLING
(299) W RITCHIE 580 S Hillside, Oakland. 1-story 5-room dwelling.
Owner—East Bay Builders, Oakland.
Architect—None. $3000

DWELLINGS
(300) W RITCHIE 420 460 500 540 S Hillside Ave., Oakland. 4 1-story 4-room dwellings.
Owner—East Bay Builders, 1117 Webster St., Oakland.
Architect—None. $2500 each

DWELLING
(301) 5454 RUTH AVE., Oakland. 1-story 5-room dwelling.
Owner—Mrs. W. C. Jamison, 5550 Foothill Blvd., Oakland.
Architect—None.
Contractor—C. Texdahl, 6262 College Ave., Oakland. $3500

FIRE REPAIRS
(302) SE COR. SEVENTH AND LINden Sts., Oakland. Fire repairs.
Owner — C. B. Hurt, 474 Stow Ave., Oakland.
Architect—None.
Contractor — Diestel & Vezina, 474 Stow Ave., Oakland. $2000

DWELLING
(303) 519 SANTA RAY AVE., Oakland. 1-story 7-room dwelling.
Owner—C. E. Bardwell Jr., 2503 10th Ave., Oakland.
Architect—None. $5000

DWELLING
(304) W SIXTY-SEVENTH AVE. 412 N E-14th St., Oakland. 1-story 5-room dwelling.
Owner—C. A. Rogers, 132 Lake St, Oakland.
Architect—None. $3650

DWELLING
(305) 2510 SIXTY-EIGHTH AVE Oakland. 1-story 5-room dwelling.
Owner—B. B. Hook, 530 Santa Ray Ave Oakland.
Architect—None.
Contractor—C. Tollefsen, 5817 E-17th St., Oakland. $3000

DWELLING
(306) E VERMONT ST. 340 S Perkins St., Oakland. 1-story 6-room dwlg.
Owner—John F. Whalen, Federal Bldg. Oakland.
Architect—None. $5000

ADDITION
(307) TELEGRAPH AVE 50x100, Oakland. Addition to garage.
Owner—Diana Nicovich, Sacramento.
Architect—None.
Contractor — Thomas Rutherford, 985 35th St., Oakland.
Filed Jan. 18, 1924. Dated Jan. 8, 1924.
Walls ready for trusses.....$2200
Completed and accepted 2400
Usual 35 days 2150
TOTAL COST, $6750

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Bond, $3375; Sureties, F. E. Nelson & J. W. Powell; Forfeit, none; Limit, 60 days; Plans and specifications filed.

DWELLING
(308) NO. 835 BROOKLYN AVE., Oakland. One-story 4-room dwelling.
Owner—L. C. Fish, 2453 Park Blvd., Oakland.
Architect—None. $4500

APARTMENTS
(309) NO. 816 ERIE 100 N Mandana Blvd., Oakland. Two-story 16-room apartments.
Owner—Elmer W. West, 4026 Brighton Ave., Oakland.
Architect—None. $14,750

DWELLING
(310) W EIGHTY-FIRST AVE 160 S Holly, Oakland. One-story 5-room dwelling.
Owner—G. E. Hantz, 547 Lincoln Ave., Oakland.
Architect—None. $2500

DWELLING
(311) SW HILLGIRT CIRCLE AND Kenyon, Oakland. Two-story 9-room dwelling.
Owner—Mrs. A. Givazzo, 34 Blair Ave., Piedmont.
Architect—None.
Contractor—M. L. Zappetini, 34 Blair Ave., Oakland. $8000

DWELLINGS
(312) W PARKER AVE 196 N Foothill Blvd., Oakland. Two one-story 4-room dwellings.
Owner—Tranquilla Manani, 1533 Fifth St., Oakland.
Architect—None
Contractor—A. E. Lofgran, 4925 Daisy St,, Oakland. $2000 each

ADDITION
(313) NO. 4101 RANDOLPH AVE., Oakland. Addition.
Owner—Mrs. M. Harris, Premises.
Architect—None.
Contractor—J. F. Thomas, 3022 Peralta Ave., Oakland. $2000

ADDITION
(314) E SIXTH AVE 76 N E-Seventh St., Oakland. One-story truscon steel addition.
Owner—M. Stulsaft Co., 270 11th St, Oakland.
Architect—None.
Contractor—W. G. Thornalley, 357 12th St., Oakland. $12,000

DWELLING
(315) SW SANTA BARBARA ROAD & Northampton Ave., Berkeley. All work for two-story 8-room dwlg.
Owner—William Grant, 2820 Pacific Ave., San Francisco.
Architect—J. B. Norberg and B. S. Hayne, Balboa Bldg., S. F.
Contractor—Fowler Mallett, Acheson Bldg., San Francisco.
Filed Jan. 19, '24. Dated Jan. 11, '24.
Frame up ..... ¼
Plastered ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, Approx. $16,800
Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

DWELLING
(316) NO. 1140 CARLTON ST., Berkeley. One-story 5-room dwlg.
Owner—P. W. Jacobson, 1236 Parker St., Berkeley.
Architect—None. $3000

DWELLING
(317) NO. 2023 LOS ANGELES ST., Berkeley. Two-story 6-room dwlg.
Owner—C. J. Pfrang, 480 Forest St., Oakland.
Architect—None. $6000

DWELLINGS & GARAGES
(318) S ARIZONA 348 388 S Maple Ave Oakland. Two 1-story 5-room dwellings and garages.
Owner—T. S. Taylor, Box 562, San Jose.
Architect—None. $3600 each.

DWELLING
(319) NE SIXTEENTH ST. 80 W 34th Ave., Oakland. One-story 5-room dwelling.
Owner — Eugene Piccardo, 1633 40th Ave., Oakland.
Architect—None.
Contractor—P. J. Bold, 1657 35th Ave., Oakland. $5200

ADDITION
(320) 133 ECHO, Oakland. One-story addition.
Owner—M. L. Stone, 123 Echo, Oakland.
Architect—None. $1000

ALTERATIONS, ADDITION
(321) 581 FORTY-FOURTH ST., Oakland. Alterations and addition.
Owner—Frank A. Briggs, premises.
Architect—None.
Contractor—J. H. Skoggs, 536 44th St., Oakland. $3850

DWEDLLING
(322) W FIFTY-SECOND AVE. 600 N E-14th St., Oakland. One-story 4-room dwelling.
Owner—G. H. Athens, 5152 Foothill Blvd., Oakland.
Architect—None. $2000

DWELLING
(323) E FREMONT ST. 170 N Fifty-fifth St., Oakland. One-story 8-room 2-family dwelling.
Owner—T. V. Raffo.
Architect—None.
Contractor—John Passorino, 5518 San Pablo, Oakland. $5000

ADDITION
(324) 3550 GRAY ST., Oakland. One-story 2-room addition.
Owner—Nellee Wilkes, premises.
Architect—None.
Contractor—H. H. Howard, 2114 Harrington Ave., Oakland. $1000

DWELLING
(325) N FOOTHILL BLVD., 250 W Parker Ave., Oakland. One-story 6-room dwelling.
Owner—P. M Wann, 3602 Adeline, Oakland.
Architect—None. $4000

DWELLING
(326) E HAMPTON 60 N Liggett, Oakland. One-story 7-room dwelling.
Owner—Cos Williams, 1534 Franklin St., Oakland.
Architect—None.
Contractor — California Builders Co., 1534 Franklin St., Oakland. $6000

DWELLING
(327) W HILLVIEW ST. 80 S Madeline St., Oakland. One-story 5-room dwelling.
Owner—Anton Saher, 3717 Hill View St. Oakland.
Architect—None. $3000

DWELLING
(328) W HAVENSCOURT 600 N E-14th St., Oakland. One-story 5-room dwelling.
Owner—C. J. Sullivan, 1500 78th Ave., Oakland.
Architect—None. $3000

ALTERATIONS
(329) 38 MONTE VISTA, Oakland. Alterations.
Owner—Peter D. Venecenzi.
Architect—None.
Contractor—E. L. Ingram, 623 60th St., Oakland. $5500

APARTMENTS
(330) W PARK BLVD. 40 S Portland Oakland. Two and 3-story frame apartments.
Owner—H. W. McIntyre, 1528 Franklin St., Oakland.
Architect—None. $11000

DWELLING
(331) 4122 REDDING ST., Oakland. One-story 4-room dwelling.
Owner—A. W. Cotton, 3824 39th Ave., Oakland.
Architect—None.
Contractor—Cotton Bros. $2500

APARTMENTS
(332) SE COR. SHATTUCK AND Fairview, Oakland. Two-story 14 room apartments.
Owner—Rosie Sequeira, 689 Fairview, Oakland.
Architect—None.
Contractor—C. E. Charlston, 5627 Genoa St., Oakland. $11400

DWELLINGS
(333) 2315 2321 SIXTY-THIRD AVE., Oakland. Two 1-story 5-room dwellings.
Owner—A. T. Anderson, 2248 62nd Ave. Oakland.
Architect—None. $3000 each.

STORES AND APARTMENTS
(334) SE COR. SEVENTY-THIRD Ave. and Foot Hill Blvd., Oakland. Two-story 14 rooms, stores and apartments.
Owner—E. F. Glasgow, Oakland.
Architect—None.
Contractor—P. F. Anderson, 2800 Delaware St., Oakland. $7600

DWELLING, GARAGE
(335) W SIXTY-FOURTH AVE. 70 N Avenal Ave., Oakland. One-story 4-room dwelling and garage.
Owner—Jessie McLaren, 43 Mather St., Oakland.
Architect—None.
Contractor—G. B. Naegle & J. C. Jones, 739 21st St., Oakland. $2500

DWELLING
(336) 85 FRISBIE ST., Oakland. One-story 5-room dwelling.
Owner—Geo. Dowling, 407 Federal Bldg Oakland.
Architect—None. $3250

DWELLING
(337) E VALE ST. 337 N BAYO, Oakland. One-story 4-room dwelling and garage.
Owner—Geo. Stocking, 3961 High St., Oakland.
Architect—None. $2800

DWELLING
(338) E VALE 300 N BAYO ST., Oakland. One-story 4-room dwelling.
Owner—Geo. Stocking, 3961 High St., Oakland.
Architect—None. $2800

DWELLING
(339) 7518 WEED, Oakland. One-story 4-room dwelling.
Owner—L. A. Peters, 3485 Davis St., Oakland.
Architect—None. $2300

DWELLING
(340) 7512 WILD ST., Oakland. One-story 4-room dwelling.
Owner—J. T. Chambers, Plaza Bldg., Oakland.
Architect—None.
Contractor—L. A. Peters, 3485 Davis St., Oakland. $2200

GARAGES
(341) 2632 BENVENUE, Berkeley. Two garages.
Owner—May Derter Henshell, 1406 P St., Sacramento.
Architect—None.
Contractor—Worsley & Attos, State Library, Sacramento. $——

DWELLING
(342) 2759 DOHR, Berkeley. One-story 4-room dwelling.
Owner—J. Hobbs, 692 Sixtieth St., Oakland.
Architect—None.
Contractor—W. L. Hubbard, 1706 Fairmont St., Berkeley. $3000

APTS. AND GARAGES
(343) 2641 DWIGHT WAY, Berkeley. Three-story 24 room apartments and garages.
Owner — — Clark, 1730 Grove St., Berkeley.
Architect—None.
Contractor—Frank Broadhead, 864 57th St., Oakland. $22000

BUNGALOW
(344) 1590 1502 FAIRVIEW STREET, Berkeley. One-story 6-room Duplex Bungalow.
Owner—Mrs. H. Mistrom, 1500 Fairview St., Berkeley.
Architect—None.
Contractor — P. W. Woodworth, 1301 Blake St., Berkeley. $3750

REPAIRS
(345) 1525 HARMON ST., Berkeley. Frie repairs.
Owner—Curly.
Architect—None.
Contractor—Al Erkstrom, 3146 Knight St., Berkeley. $1000

ADDITION
(346) REAR 1633 JOSEPHINE, Berkeley. Addition.
Owner—E. J. Wetzel, premises.
Architect—None.
Contractor—E. J. McNaughton, premises. $1000

DWELLING
(347) 5256 AGOLA STREET, Oakland. One-story 5-room dwelling.
Owner—E. Razzano, 4995 Broadway, Oakland.
Architect—None.
Contractor—E. Razzano, 4995 Broadway, Oakland. $2800

DWELLING
(348) 1105 CLARENDON CRESCENT, Oakland. One-story 6-room dwelling.
Owner—P. E. Woodburn, 624 Prospect Ave., Oakland.
Architect—None. $5000

DWELLINGS, GARAGE
(349) 8208 8216 DOWLING, Oakland. Two 1-story 3-room dwellings and garages.
Owner—K. A. Johnson, 2429 13th Ave., Oakland.
Architect—None.
Contractor—Owner. $2150 each.

APARTMENTS
(350) W ERIC ST. 150 S Prince St., Oakland. Two - story 16 room apartments.
Owner—E. B. Leonard, 589 Kenmore Ave., Oakland.
Architect—None.
Contractor—Owner. $15000

DWELLING
(351) 2300 EIGHTY-SECOND AVE., Oakland. One-story 3-room dwelling and garage.
Owner—K. A. Johanson, Oakland.
Architect—None.
Contractor—Owner. $2150

DWELLING
(352) N E-SIXTEENTH ST. 112 E 33rd Ave., Oakland. One-story 5-room dwelling.
Owner—R. B. Armstrong, 2041 Rutherford, Oakland.
Architect—None.
Contractor—Henry W. Offermann, 2041 Rutherford, Oakland. $3400

DWELLING
(353) 1404 E-THIRTY-SIXTH ST., Oakland. One-story 5-room dwelling.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3000

DWELLING
(354) 1409 E THIRTY-SIXTH ST., Oakland. One-story 6-room dwelling.
Owner—Brown & Stembro, 1707 Broadway, Oakland.
Architect—None.
Contractor—Owner. $3500

STORE, DWELLING
(355) 3509 E-TWELFTH ST., Oakland. One-story 3-room store and dwelling.
Owner — American Construction Co., 1420 14th Ave., Oakland.
Architect—None. $2500

DWELLING
(356) W FORTY-EIGHTH AVE. 600 N Melrose Ave., Oakland. One-story 5-room dwelling.
Owner—C. H. Carlson, 2200 48th Ave., Oakland.
Architect—None.
Contractor—A. Mortensen, 2252 E 22nd St., Oakland. $3500

STORES
(357) S FOOTHILL BLVD., 15 E 38th Ave., Oakland. One-story stores.
Owner—Kessler & Jordan, Oakland.
Architect—None.
Contractor — W. T. Vaughn, 65 Sequoia Ave., Oakland. $6500

DWELLING
(358) 2629 HOPKINS, Oakland. One-story 6-room dwelling.
Owner—B. Pisacco, 5887 Vallejo St., Oakland.
Architect—None.
Contractor—Alex C. Wieben, 839 Rosemount, Oakland. $5500

DWELLING
(359) 9824 HOLLY ST., Oakland. One-story 4-room dwelling.
Owner—Manuel Ferreira, 9824 Holly St. Oakland.
Architect—None.
Contractor—F. J. Leonardo, 1462 86th Ave., Oakland. $2610

DWELLING
(360) 6121 MONADNOCK WAY, Oakland. One-story 5-room dwelling.
Owner — Anna Hoffman, 6016 Monadnock Way, Oakland.
Architect—None.
Contractor—D. W. Van Horn, —. $3500

APARTMENTS
(361) E PARK BLVD. 83 S E-Twenty first St., Oakland. Two - story 11 room apartments.
Owner—C. C. Foss, 1242 1st Ave., Oakland.
Architect—None. $11000

DWELLING
(362) W RHODA AVE. 450 W Madeline St., Oakland. One-story 5-room dwelling.
Owner—W. W. Clauson, 2860 Hopkins St., Oakland.
Architect—None. $3600

DWELLINGS
(363) 1637 1643 SEVENTY-THIRD Ave., Oakland. Two 1-story 5-room dwellings and garages.
Owner—E. M. Marquis, 2827 Russell St. Berkeley.
Architect—None. $2800 each.

DWELLINGS
(364) 1634 1638 SEVENTY-SECOND Ave., Oakland. Two 1-story 5-room dwellings and one garage.
Owner—E. M. Marquis, 2827 Russell St Berkeley.
Architect—None. $2800 each.

GARAGE
(365) N TWENTY-FIRST ST. 235 W Harrison St., Oakland. One-story brick and tile garage.
Owner—M. F. Sommarstrom and Paul Merick, 738 E 17th St., Oakland.
Architect—None. $12000

ALTERATIONS
(366) 467 THIRTY-SEVENTH ST., Oakland. Alterations.
Owner—J. A. Ryden, 467 37th St., Oakland.
Architect—None. $2800

DWELLING
(367) 2442 SIXTY-SEVENTH AVE., Oakland. One-story 5-room dwelling.
Owner—Wm. S. Kepple, 2619 62nd Ave, Oakland.
Architect—None. $3850

RESIDENCE
(368) LOT 18 BLOCK E HANOVER Ave., Peralta Heights. Oakland. Two-story frame residence.
Owner—F. M. Holladay, —.
Architect—None.
Contractor—Baker Brothers, 823 35th St., Oakland.
Filed Jan. 22, 1924. Dated Jan. 21, 1924.
Joists on 2 floors.....$900
Passed for lathing 900
Brown coated 900
Completed and accepted 900
Usual 35 days 900
TOTAL COST, $4500
Bond, Sureties, Forfeit, none; Limit, 60 to 80 days; Plans and Specifications filed.

FRAME BLDG.
(369) LOT 117 and southwesterly 12.50 ft. of Lot 118 Block 21, amended Map of Havenscourt, Oakland, east side 68th Ave. bet. Avenall and Arthur St. One-story frame bldg.
Owner—Beverly B. Hook, 1421 Naples St., San Francisco.
Architect—None.
Contractor—C. Tollefsen, 836 Mead Ave Oakland.
Filed Jan. 22, 1023. Dated, Jan. 18, 1924.
Owner to withhold .....$200.
TOTAL COST, $3300
Bond, Sureties, none; Forfeit, $8.00 per day; Limit, 70 days; Plans and Specifications filed.

DWELLING, GARAGE
(370) LOT 7 BLK 26 FAIRMONT Park Addition, Berkeley. One-story 5-room dwelling and garage.
Owner—L. J. Carroll and Allie L Carroll, Berkeley.
Architect—None.
Contractor — G. D. Patterson, 1545 Dwight, Berkeley.
Filed Jan. 22, 1924. Dated Jan. 15, 1924.
Roof, joists on $300
Roof on ready for outside lath.. 700
Balance 1st and 15th of each month. 85% of material and labor installed
Final 10 days after completion.
TOTAL COST, $4300
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and Specifications not filed.

BUNGALOW
(371) NO. SE SIXTEENTH ST. 80 W 34th Ave., Oakland. One-story 5-room bungalow.
Owner—E. Piccardo, Oakland.
Architect—None.
Contractor—P. J. Bold, 1657 35th Ave., Oakland.
Filed Jan. 22, 1924. Dated Jan. 21, 1924.
Frame up $1300
Enclosed, -st coat plaster on.. 1300
Completed and accepted 1300
Usual 35 days 1300
TOTAL COST, $5200.00
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and Specifications filed.

DWELLING
(372) NO. 1325 CARLOTTA ST., Berkeley. One-story 5-room dwlg.
Owner—P E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect--None. $3000

DWELLINGS
(373) NO. 1634 AND 1638 HOPKINS St., Berkeley. Two one-story five-room dwellings.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $3000 each

DWELLING
(374) NO. 1716 JAYNES ST., Berkeley. One-story 5-room dwelling.
Owner—Chas. Godin. 1730 Jaynes St., Berkeley.
Architect—None.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland. $4000

DWELLING
(375) NO. 1061 MONTEREY ST., Berkeley. One-story 5-room dwelling.
Owner—C. L. Taggart, Box 774, Modesto, Calif
Architect—None.
Contractor—C. H. Cardez, 1032 Carlton St., Berkeley. $4000

DWELLING
(376) NO. 1201 OREGON ST., Berkeley One-story 6-room dwelling and garage.
Owner—August Ricco, 2162 E-14th St., San Leandro.
Architect—None.
Contractor—D. J. Daly. $3500

GARAGE, ETC.
(377) NO. 64 PANORAMIC WAY, Berkeley. Garage and alter dwelling.
Owner—Anna H. Sneed, Premises.
Architect—None.
Contractor—Oscar Sader, 2438 Ashby Ave., Berkeley. $1000

RESIDENCE
(378) 1136 OAKLAND AVE., Piedmont. 1-story 5-room residence.
Owner—E. M. Hinch, 414 15th, Oakland
Architect—None.
Contractor—E. M. Hinch 414 15th, Oakland. $5100

RESIDENCE
(379) 6 MUIR AVE., Piedmont. 2-sto. 10-room residence and garage.
Owner—A. T. Marshall, 4631 Dolores, Oakland.
Architect—Sidney B. & Noble Newsom, Nevada Bank Bldg., S. F.
Contractor—F. C. Stolte. $21,000

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RESIDENCE
(380) 202 PACIFIC AVE., Piedmont. 1-story 6-room residence.
Owner—J. W. Scammell, 3121 College, Piedmont.
Architect—None.
Contractor—J. W. Scammell, 3121 College Ave., Piedmont. $5800

DWELLING
(381) 2 HIGHLAND AVE, Piedmont. 1-story 7-room dwelling.
Owner—Chas. C. Rueger.
Architect—None.
Contractor—F. E. Allen, 2718 Regent St., Berkeley. $13,500

DWELLINGS
(382) 1721 27 33 39 45 E-TWENTY-third St., Oakland. 1-story 5-room dwellings.
Owner—P. H. McCarthy, 153 Ashbury Terrace, San Francisco.
Architect—None. $4000 each

DWELLING
(383) W CAVANAUGH RD. 340 E Matthews, Oakland. 1-story 6-rm. dwelling.
Owner—R. S Stephens, 908 Market St., San Francisco.
Architect—None.
Contractor—E. M. Nelson, 2717 Russell St., Berkeley. $6000

ADDITION
(384) S W COR. E-FOURTEENTH ST 42nd Ave., Oakland. Brick addition.
Owner—E. L. Blackman, E-14th St. & 43rd Ave., Oakland.
Architect—None.
Contractor — Peter Petersen, Builder Exchange, Oakland. $7000

ALTERATIONS
(385) 119 & 123 E-TWELFTH ST., Oakland. Alterations.
Owner—Roy Barney, 1300 Webster St. Oakland.
Architect—None.
Contractor — F. C. Stolte, 3455 Laguna Ave., Oakland. $7000

APARTMENTS
(386) NW GALINDO & HARRINGton, Oakland. 2-story 12-room apt.
Owner—A. J. Harris, 2165 Harrington, Oakland.
Architect—None. $10,000

DWELLING
(387) S HANOVER ST. 322, Oakland. 2-story 6-room dwelling.
Owner—F. M. Holladay, 322 Hanover St., Oakland.
Architect—None.
Contractor—Baker Bros., 823 35th St., Oakland. $4800

DWELLING
(388) S HANLY ROAD 165 E Waterhouse Road, Oakland. 1-story 4-room dwelling.
Owner—John Ira Jones, 2393 Hanly Road, Oakland.
Architect—None. $2500

DWELLING
(389) S MONADNOCK WAY No. 6311, Oakland. 1-story 5-room residence.
Owner—P. Williams, 6311 Monadnock Way, Oakland.
Architect—None. $3000

DWELLING
(390) 2415 SCENIC AVE., Oakland. 1-story 4-room dwelling and garage.
Owner—G. T. Mathison, 3629 Laguna Ave., Oakland.
Architect—None. $3100

ALTERATIONS
(391) 657 SIXTIETH ST., Oakland. Alterations.
Owner—C. Rose, 657 60th St., Oakland.
Architect—None. $1000

DWELLINGS
(392) W SIXTY-SECOND AVE. 40 & 70 N Mills St., Oakland. Two 1-story 5-room dwellings.
Owner—Chas. P. McCoy, 4314 View St. Oakland.
Architect—None. $3000 each

DWELLING
(393) 1441 SEVENTY-FOURTH AVE. Oakland. 1-story 4-room dwelling and garage.
Owner — Fern David, 1437 74th Ave., Oakland.
Architect—None.
Contractor — A. T. Andersen, Oakland. $2250

STORES
(394) NW COR. SEVENTEENTH AND Harrison Sts., Oakland. 1-story brick stores.
Owner—A. B. Hoffsinger, 805 Syndicate Bldg., Oakland.
Architect—None.
Contractor—F. A. Muller, 805 Syndicate Bldg., Oakland. $11,000

APARTMENTS
(395) W FORTIETH ST. 469 412 E Telegraph Ave., Oakland. Two 2-story 14-room apartments.
Owner—Jacob Goldstein, 817 Grove St. Oakland.
Architect—None.
Contractor — Sommarstrom Bros., 306 14th St., Oakland. $14,000 each

DWELLINGS
(396) 586 & 587 VALLE VISTA AVE., Oakland. 2 1-story 6-room dwlgs.
Owner—C. V. Laurey, Syndicate Bldg., Oakland.
Architect—None.
Contractor — Leo J. Dolan, Syndicate Bldg., Oakland. $4960

RESIDENCE
(397) LOT 29 BLOCK A East Piedmont Heights. One and one-half story and basement frame residence.
Owner—Robert H. Wright.
Architect—Harris Allen, Central Bank Bldg., Oakland.
Contractor—C. A. Gossett, 327 Davis St. San Leandro.
Filed, Jan. 23, 1924. Dated Jan. 22, 9124.

Frame up	$2000
First coat plaster on	2000
Completed and accepted	2000
Usual 35 days	2000
TOTAL COST,	$8000

Bond, Sureties, Forfeit, none; Limit, 100 days; Plans and Specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Jan. 17, 1924—SE BRYANT 286-1½ SW Second SW 59-10½xSE 80. Smith O'Brien and C B Hobson to Buschke & Brown.....Jan. 16, 1924

Jan. 17, 1924—W JONES 77-6 N Turk N 60xW 68-9. Hugo F Ramacciotti to H F Haverkamp, The Tormey Co and Knittle Cashel Co.....Jan. 7, 1924

Jan. 17, 1924—S PACIFIC AVE 97-6 W Franklin W 50xS 127-8¼ No. 1831 Pacific Ave. Harry C Warwick to whom it may concern.....Aug. 9, 1923

Jan. 17, 1924—E BUCHANAN 40 S Chestnut S 25xE 80. August Magnuson & Adrain Peterson to whom it may concern.....Jan. 17, 1924

Jan. 17, 1924—S BAY 50 E Franklin E 25xS 82-6. Sophie Miller to whom it may concern..Jan. 16, 1924

Jan. 17, 1924—SE BLUXOME 449 NE Sixth NE 116xSE 125. Moody Est Co to K E Parker Co...Jan. 11, 1924

Jan. 17, 1924—E BUCHANAN 65 S Chestnut S 25xE 80. August Magnuson and Adrian Peterson to whom it may concern..Jan. 17, 1924

Jan. 17, 1924—N VALLEJO 155 W Pierce. John C Patricio to R A McLean.....Jan. 10, 1924

Jan. 17, 1924—SE MISSION 125 NE Brazil Ave NE 25xSE 83-6 Ptn Lot 4 Blk 2. Excl Hd Assn. L E Peyser to Severni Steinauer....Jan. 15, 1924

Jan. 17, 1924—LOT 9 BLK 22, Addition No. 1, Lakeshore Highlands, Oakland. Mrs. Blanche Fleming Gerrish to W M Holton.....Jan. 16, 1924

Jan. 17, 1924—FIRST ST., Oakland. S. P. Co. to Hutchinson Co.....Jan. 16, 1924

Jan. 17, 1924—FIRST ST., Oakland. S. P. Co. to Hutchinson Co.....Jan. 16, 1924

Jan. 17, 1924—PTN LOTS 3 AND 4 Blk 15 Map Boulevard Park, Oakland. Lulu B Drysdale to whom it may concern.....Jan. 15, 1924

Jan 17, 1924—LOTS 50 AND 51 Bromley Tract, Oakland. Chester A Bray to G R Blasingame.....Jan. 15, 1924

Jan. 17, 1924—2507-2511 MATHEWS, Berkeley. O F Lyons and G E Knapp to O F Lyons....Jan. 15, 1924

Jan. 17, 1924—524 SAN FERNANDO St., Berkeley. O F Lyon to whom it may concern.....Dec. 15, 1923

Jan. 17, 1924—2301 RUSSELL ST., Berkeley. P T Caya to A W Potter .....Jan. 17, 1924

Jan. 18, 1924—S DERBY 187-6 W Ellsworth W 37-6xS 134-6, Berkeley. E E Carpenter to whom it may concern.....Jan. 16, 1924

Jan. 18, 1924—LOT 5, Chabolyn Terrace, Berkeley. E E Carpenter to whom it may concern..Jan. 16, 1924

Jan. 18, 1924—S PEARMAN 82 W Blenheim, Oakland. William Hillis to F E Adams Co.....Jan. 18, 1924

Jan 18, 1924—S SCENIC AVE 600 E Lincoln Ave., Oakland. H C Derby to whom it may concern.Jan. 18, 1924

Jan. 18, 1924—N FOURTEENTH AVE 110 NW E-18th St., Oakland. Hugo B Beier to H R Lerch.....Dec. 15, 1923

Jan. 18, 1924—SW NINETEENTH AV and Livingston St., Oakland. S T Johnson Co to Walter Murch.....Jan. 18, 1924

Jan. 18, 1924—NW SIXTY-FIRST & Lowell, Oakland. Ralph N Brodie Co to Marshall & Burks.Jan. 17, 1924

Jan. 18, 1924—SW FORTIETH AND Lusk W 75xS 100, Oakland. Frank M Dunn to California Builders Co .....Jan. 16, 1924

Jan. 18, 1924—COLLEGE AVE 40 N Ashby Ave., Berkeley. Mrs. A E Stover to E L Younger..Jan. 11, 1924

Jan. 19, 1924—LOTS 92 AND 93 Map Redwood Park, Oakland. Elizabeth S and A D Wratten to C H Graham .....Jan. 18, 1924

Jan 19, 1924—NE TWENTY-SECOND and Adeline N 250 E 127 SE 36-6 E 127 S 213-6 W 254, Oakland. John Breuner Co to The Turner Co.....Jan 14, 1924

Jan. 19, 1924—S SIXTY-SIXTH ST. 40.60 W Sacramento W 35 E 35 S 105 E 35 N 105, Berkeley. G W Owens to whom it may concern.....Dec. 8, 1923

Jan. 19, 1924—LOT 45 View Tract, Oakland. S Victor Davidow to whom it may concern..Jan. 19, 1924

Jan. 19, 1924—E SACRAMENTO ST. 210 N Cedar, Berkeley. Wayne B Hardy to whom it may concern.....Jan. 18, 1924

Jan. 19, 1924—LOT 9 BLK 13 Mathews Tract, Berkeley. John and Edith Powell to W W Owens..Jan. 18, 1924

Jan. 19, 1924—LOT 33 BLK 45 & 47A Map Piedmont Vista, Piedmont. Max F Ruehn to Thad M Tupper.....Dec. 15, 1923

Jan. 19, 1924—LOT 1 BLK M Northbrae Terrace, Berkeley. Lilyan Lesser to Roy O Long Co.Jan. 19, '24

Jan. 18, 1924—NO. 1218 SUNNNYHILL Road, Oakland. Romaine W Myers to Ben F Kopf.....Jan. 17, 1924

Jan. 21, 1924—LOT 32 BLK 3, Key Route Terrace No. 2, Oakland. W I Booth to whom it may concern .....Jan. 21, 1924

Jan. 21, 1924—LOT 6 AND ½ LOT 7, Yookum Tract, Oakland. Chas Bakalrud to whom it may concern .....Jan. 3, 1924

Jan. 21, 1924—COR ALSTON WAY & Sacramento St. F Stockes to whom it may concern..**Jan. 21, 1923**

Jan 21, 1924—LOT NO. 1, View Tract, Oakland. David S Victor to whom it may concern.....Jan. 19, 1921

Jan. 22, 1924—NO. 4125 MANILA AVE Oakland. J M Bandy to whom it may concern.....Jan. 22, 1924

Jan. 22, 1924—LOTS 24 AND 25 Map Piedmont Knoll, Oakland. R L Hidden to Mac Jordan.Jan. 10, 1924

Jan. 22, 1924—LOT 49 BLK 16, North Cragmont, Berkeley. Jennie McAravy to Oscar I Runnels.....Jan. 12, 1924

Jan. 22, 1924—LOTS 3 AND 4 Map Key Route Terrace No. 2, Oakland. Sophia L Jorgensen to W I Booth .....Dec. 24, 1923

Jan. 22, 1924—LOT 46 Nova Piedmont Tract; No. 46 Arbor Drive, Piedmont. Gladys T Maar to McWethy & Greenleaf.....Jan. 10, 1924

Jan. 22, 1924—LOT 112 and N 12-6 Lot 111 Blk 22, Havenscourt. Lewis Graham to whom it may concern .....Jan. 21, 1924

Jan. 23, 1924—LOT 14 BLOCK 1 MAP Central Piedmont Tract, Oakland. Yronne Greer Thiel to James R. Barr & Son.....Jan. 18, 1924

Jan. 23, 1924—LOT 27 BLOCK 9 MAP Havenscourt, Oakland. M. Gaubert to Gaubert & Morilhat..Jan. 23, 1924

Jan. 23, 1924—LOT 17 BLOCK U REvised map Oakland Heights. P. G. Steccone to M. E. Hopper & Son.....Jan. 17, 1924

Jan. 23, 1924—LOT 21 BLOCK 1 Thousand Oaks Station Tract. Marion St. John to whom it may concern .....Jan. 21, 1924

Jan. 23, 1924—85 CAMBRIDGE WAY East of Grand Ave. Maud Boyd to Robert Boyd .....Jan. 20, 1924

Jan. 23, 1924—LOT 28 IN BLOCK Letter D Map Maxwell Park. Eva R. Peppin to whom it may concern .....Jan. 21, 1924

Jan. 23, 1924—WEST SIDE SHATtuck Ave. from Parker St. to Carlton, Berkeley. John W. Havens to Wm. Makin .....Jan. 19, 1924

Jan. 23, 1924—LOT 8 BLOCK B ON Summer St., het. Glen and Spruce. Margaret Kelly to Reite Bros.....Jan. 20, 1924

Jan. 24, 1924—NO. 847 ARLINGTON Ave., Oakland. E D Bramlege to whom it may concern..Jan. 21, 1924

Jan. 24, 1924—LOT 6 BLK 36 Amended Map Freemont Park, Berkeley. Rose E Lawton to H J Thompson.....Jan. 12, 1924

Jan. 24, 1924—PTN LOT 23 Bray Tct Oakland. Ella R O'Leary et al to Jos Flittner .....Jan. 21, 1924

Jan. 24, 1924—LOT 46 BLK K. Iveywood, Oakland. C W Griffith to whom it may concern..Jan. 18, 1924

Jan. 24, 1924—W FORTY-FIRST AV 200 N Cabrillo N 50xW 120. Clarence P Thompson to Meyer Bros.....Jan. 21, 1924

Jan. 24, 1924—W FORTY-FIRST AV 150 N Cabrillo N 50xW 120. John Gray to Meyer Bros....Jan. 21, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Jan. 17, 1924—NE E-TWELFTH ST. and E-14th Ave SE 75 NE 140 NW 104-7½ S 143-1, Oakland. Zenith Mill & Lumber Co vs C Kitzmiller, R T McGinnes and E J Saake.$209.75

Jan 18, 1924—LOT 12 and W 12½ Lot 11 Blk H, May Iveywood, Okd. Garrett Mill & Lumber Co vs E J McCord $990.95

Jan. 19, 1924—2763 FRUITVALE AV. Oakland. E L Blackman Co vs Emil Delmas and F W Borden..$975

Jan. 19, 1924—2763 FRUITVALE AV. Oakland. Fred Buzzell vs W A Shipman and E Delmas.....$409

—an. 19, 1924—S HEARST AVE 180 W Milvia W 45xS 136.69, Berkeley. Frank McKale, $400; Gus Gustin, $68; Tony Grubich, $72; L Johnson, $41; Chas Oddone, $40; G Weigel, $76.50; P E Petersen, $56 vs F H Dam .....

Jan. 21, 1924—LOT E ½ LOT 11 BLK H, Map of Iveywood, Oakland. Leo Brisacher vs E J McCord.....$161

Jan. 21, 1924—S E-TWENTY-seventh St. 476 E 13th Ave., Oakland. Leo Brisacher vs H O Kuceo and E J McCord.....$1611

Jan | 21, 1924—LOTS I AND J BLK 5, Map of San Leandro. Leo Brisacher vs M Maldonado and E J McCord $161

Jan. 21, 1924—2018 102ND AVE., Oakland. Leo Brisacher vs E J McCord $161

Jan. 21, 1924—2006 102ND AVE., Oakland. Leo Brisacher vs E J McCord $101

Jan. 21, 1924—LOT 10 AND E ½ Lot 11 Blk H, Iveywood, Okd. Harry Larsen vs E J McCord.....$857 42

Jan. 21, 1924—S E-TWENTY-seventh 476 E 13th Ave., Oakland. Harry Larsen, $1144; M Maldonado, $1371.55 vs H A Rusco and E J McCord .....

Jan. 22, 1924—LOT 12 BLOCK 2 CALlan Ave. Huff estate, San Leandro F. Lindsey Boyd vs F. W. Borden, J. C. Kunst $174.25

Jan. 23, 1924—LOT 10 MAP ROBINson & Acovich Subdn. Hayward. Quist Bros. & Co. vs E. Jacobs & Wm. Veteran $147.55

Jan. 22, 1924—SIXTEENTH AVE. 47 N E-12th St. Boorman Lumber Co., Inc. vs S. J. Pearson $106.35

Jan. 23, 1924—N FORTER ST. 325 E 39th Ave., Oakland. Wm. O'Connell vs P. Robin H. F. Moulton.....$55

Jan. 23, 1924.—LOT 7-8-9 BLOCK 3 Cragmont 2705 Keith Ave, Berkeley. Paul Rieger to whom it may concern .....Jan. 23, 1923

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Jan. 22, 1924—NO LOCATION GIVEN Garrett Mill & Lumber Co to Mary M. Huling and T. R. Huling....$668.29
Jan. 21, 1921—NW SUNNYSIDE Dit 483 NE with NE line of E-11th St., 40x181.63, Okd. C J Hummer to Darling Harding Co.....
Jan. 18, 1924—W VINCENT 836.45 N 56th St N 32 W 102.74 S 20.22 E 100.69, Oakland. H Aronsen to S R Gaddis and Mary Lee Kelly.....$73

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

FRESNO. All work for erection of safety floating deck on fuel tank.
Owner—Southern Pacific Co.
Architect—None.
Contractor—Columbia Steel Tank Co.
Filed Jan. 15, 1924. Dated ——.
TOTAL COST, $6245
Bond, $6245 Surety, U. S. Fidelity & Guaranty Co.
Bond, limit, forfeit, plans and specifications filed.

PAVEMENT
AT PASSENGER STATION, Fresno All work for 4800 sq. ft. of pavement.
Owner—Southern Pacific Co.
Architect—None.
Contractor—Thompson Bros., G and Divisadero Sts., Frseno.
Filed Jan. 21, '24. Dated Dec. 21, '23.
TOTAL COST, 22c per sq. ft. and 2500 lineal ft. of curb at 70s per ft.
Bond, $2800. Surety, Fidelity & Casualty Co. of N. Y. Limit, 45 days. Forfeit, none. Plans only filed.

STORE & APTS., $17,000; 1318 Tulare St., Fresno; owner, Arthur G. Wear contractor, Fisher & McNulty, Mattei Bldg., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Jan. 15 1924—E ½ LOTS 18 AND 19, W ½ Lot 20 Blk 18, North Park Terrace, Fresno. H W Kuhlke to whom it may concern..Jan. 14, 1924
Jan. 15, 1924—LOT 20 BLK 5, Blvd. Gardens No. 2, Fresno. Sam Sale to whom it may concern....Jan. 14, 1924
Jan. 19, 1924—LOTS 14, 15 AND 16 BLK 68, Fresno. S J L & P Corp to C E McMullin.....Jan. 18, 1924
Jan. 21, 1924—LOTS 16 AND 17 BLK 9, New High School Addition, Fresno. Earl W Keith to whom it may concern.....Jan. 21, 1924
Jan. 21, 1924—LOTS 33 AND 34 BLK 5, Torrance Terrace, Fresno. H E Guynn to whom it may concern... .....Jan. 18, 1924
Jan. 22, 1924—LOTS 1 TO 6 BLK 1, El Capitan Addition, Fresno. C H Cobb to Trewhitt-Shields Co..... .....Jan. 21, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
Jan. 12, 1924—LOTS 17 AND 18, Nishkian Tract, Fresno Barrett-Hicks Co vs J A Schlotthauer.....$76
Jan. 12, 1924—SAME. Sunset Lumber Co vs Same $1051
Jan. 12, 1924—LOTS 15 AND 16 BLK 8, Grand Ave Park, Fresno. Routt Lumber Co Inc vs Frank Kelley..$52
Jan. 12, 1924—LOTS AT 1452 POPLAR Ave and 1062 Arthur St., Fresno, California Pottery Co vs J A Schlotthauer $51
Jan. 12, 1924—LOTS 11 TO 14, Pritchard Place, Fresno. Same vs Same $158
Jan. 12, 1924—LOTS 45 & 46 Pritchard Place, Fresno. Same vs Same $89
Jan. 12, 1924—LOTS 13, 14, 17, 18, 1, 2 and 33 S ½ Lot 34 Nishkian Tract Fresno. Same vs Same.....$66
Jan. 12, 1924—LOT 34, High Addition Annex No. 1, Fresno. Sunset Lumber Co vs Same.....$70
Jan. 12, 1924—LOTS 7 AND 8 BLK 2, High Addition No. 4, Fresno. Same vs Same.....$81
Jan. 12, 1924—LOT 33, S ½ LOT 34, Nishkian Tct, Fresno. Craycroft-McKnight Brick Co vs Same.....$32
Jan. 12, 1924—LOTS 45 & 46, Pritchard Place, Fresno. C E McMullin vs Same.....$30
Jan. 12, 1924—LOTS 17 AND 18 Nishkian Tct, Fresno. Valley Electric Supply Co vs Same.....$42
Jan. 16, 1924—LOTS 1, 2, 42, S ½ Lot 43, Lot 33, S ½ Lot 34 Lot 39 S ½ Lot 40, Lots 31 and 32, Nishkian Tract, Fresno. C C Lanphear vs J A Schlotthauer $132
Jan. 17, 1924—LOT 6 BLK 45, Sierra Vista Addition No. 5, Fresno. Evans Plumbing & Heating Co vs Lora A Hopper and W A Hopper.....$647
Jan. 17, 1924—LOT 33 S ½ LOT 34, Nishkian Tract, Fresno. Sunset Lumber Co vs Jacob A Schlotthauer $1067
Jan. 18, 1924—LOT 33 S ½ Lot 34, Nishkian Trart, Fresno. Inland Mfg Co, $29; W T Swinson, $260; G B Phillips, $260 vs J A Schlotthauer
Jan. 18, 1924—LOTS 13, 14, 1, 2, 23 and 24, Nishkian Tract, Fresno. T H Home, $78; W S Dunham, $47 vs J A Schlotthauer.....
Jan. 19, 1924—LOTS 12 AND 13 BLK 15, Blackstone Villa, Fresno. Routt Lmbr Co vs Kelley Service Station and C M Bomer.....$132
Jan. 19, 1924—S 42 FT. LOTS 9 TO 13, Blk 15, Fresno. Same vs Kelley Service Station & Anderson Bomer $186
Jan. 19, 1924—LOTS 45 AND 46 BLK 8, College Park, Fresno. Same vs Ezra T Radcliffe.....$1397
Jan. 19, 1924—LOT 6 BLK 45, Sierra Vista Add No. 5, Fresno. Bingham-Wenks Planing Mill vs Laura A Hopper and J A Schlotthauer...$361
Jan. 19, 1924—LOTS 11 AND 12 N 4 Lot 13, Prichard Place, Fresno. Valley Electrical Supply Co vs J A Schlotthauer $132
Jan. 19, 1924—LOTS 33 AND 34, West Brae, Ptn E ½ Lot 5, Weihe Home Tract; Lots 7, 8 Blk 2, High Add No. 4; Lots 9 and 10 Blk 2, Arlington Heights; Lots 25 and 26, Nishkian Tract, Fresno. Valley Electrical Supply Co vs J A Schlotthauer..$206
Jan 19, 1924—LOTS 39, 40, 43 AND 44 Blk 2, High Add No. 4; Lots 13, 14, Nischkian Tract; Lots 45 and 46 Prichard Place; Lots 3 and 4 Blk 7, La Sierra Tract, Fresno. Valley Electrical Supply Co vs J A Schlotthauer $270
Jan. 22, 1924—LOT 39 S ½ Lot 40, Nishkian Tract, Fresno. G B Phillips vs J A Schlotthauer.....$390
Jan. 22, 1924—LOT 42 S ½ Lot 43, Nishkian Tract, Fresno. S ame vs Same $390
Jan. 22, 1924—LOTS 1 AND 2 BLK 1, Fresno Home School Tract, Fresno. Sunset Lumber Co vs B G Townsend $1270
Jan. 22, 1924—SAME. P E O'Hair vs G B Townsend $202
Jan. 22, 1924—LOT 6 BLK 45, Sierra Vista Addn No. 5, Fresno. Bingham-Wenks Planing Mill vs Laura A Hopper $361

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

FLORIN SCHOOL DISTRICT. General construction work.
Owner—Florin School Board.
Architect—None.
Contractor—Herndon & Finnigan, 1814 17th, Sacramento.
Filed Jan. 9, 1924. Dated Jan. 8, 1924. Payments not given.
TOTAL COST, $15,883
Bond, Forfeit, Limit, Plans and specifications, none.

NO LOCATION GIVEN. Tile work.
Owner—Hotel Senator Corp.
Architect—None.
Contractor—H. H. Fishoer Tile & Marble Co., 1219 J St., Sacramento.
Filed Jan. 9, 1924. Dated —.
Payments not given.
TOTAL COST, $40,526
Bond, Forfeit, Limlt, Palns and specifications, none.

TWELFTH AND B STREETS. Pedestrian subway and sidewalk.
Owner—So. Pacific Company.
Architect—None.
Contractor—O. Frederickson and G. A. Shannon.
Filed Jan. 7, 1924. Dated Jan. 6, 1924. Payments not given.
TOTAL COST, $5434.97
Bond, Forfeit, Limit, Plans and Specifications, none.

SACRAMENTO. All work embraced or included hy trades and headings hereinafter enumerated for bldg. addition.
Owner—Pac. Tel. & Tel. Co., 322 J St., Sacramento.
Architect—None.
Contractor—Judson Mfg. Company, 817 Folsom St., San Francisco.
Filed Jan. 18, 1924. Dated Jan. 9, 1924. Payments not given.
TOTAL COST, $14,532
Bond, Forfeit, Limit, Plans and specifications, none.

SACRAMENTO. All work embraced or included hy trade and headings hereinafter enumerated for bldg. addition.
Owner—Pac. Tel. & Tel. Company, 322 J St., Sacramento.
Architect—None.
Contractor—A. W. Kitchen (A. W. Kitchen & Co.), 110 Market St., San Francisco.
Filed Jan. 18, 1924. Dated Jan. 9, 1924 Payments not given.
TOTAL COST, $10,970
Bond, Forfeit, Limit, Plans and specifications, none.

DWELLING, 1-story 3-room, $2900; W ½ Lot 2 C-D-28-29, Sacramento; Owner, E. D. Fred, 2810 S, Sacramento; contractor, Peterson and Nelson, Box 241 M R B, Sacramento.
DWELLING, 1-story 5-room and garage, $6000; 2931 24th, Sacramento; owner, Geo. Coleman, Box 292, Riverside, Sacramento.
ICE WAREHOUSE, $7000; 3532 5th Avenue, Sacramento; owner, Capital Ice Co., 30th and S, Sacramento
REMODEL HOUSE, $2500; owner, E. W. Ford, 3058 5th Ave., Sacramento.
FLAT 2-story 4 4-room each, $13,000; 3332 J, Sacramento; owner, Mrs. Mary Craig, 1323 E, Sacramento; contractor, E. R. Beebe, 916 38th Sacramento.
DWELLING, 1-story 4-room and garage, $4000; 2308 I, Sacramento; owner, J. P. Reifenrath, 2516 N, Sacramento.
SERVICE STATION, 1-story; $6800; 1631 K, Sacramento; owner, Ochsner Estate, Sacramento; contractor Wm. Murcell.
DWELLING, 1-story 5-room and garage, $3300; 3232 3rd Ave., Sacramento; owner, O. H. Moore, 2932 35th, Sacramento.
DWELLING, 1-story 5-room, and garage; $3300; 3240 3rd Ave., Sacramento; owner, O. H. Moore.
DWELLING, 2st-ory 6-room and garage, $6000; 2617 Dorner Way-Sacramento; owner, F. R. Merwin, 2332 Castro Way, Sacramento;
DWELLING, 1-story 5-room, $4000; 2732 Donner Way, Sacramento; owner, Alpine Const. Co., Box 922 Sacramento.

REMODEL upper floor, $4500; 218 K, Sacramento; owner, Bloomberg Bros., 1021 2nd St., Sacramento; contractor, D. Tatti, 2118 O, Sacramento.

FACTORY, one-story, $11,000; No. 616 20th St., Sacramento; owner, Wm. A. Rapp Co., 1401 Front St., Sacramento; contractor, Herman & Finnegan, 1814 17th St., Sacramento.

DWELLING, two-story 5-room and garage, $6700; No. 2749 Donner Way, Sacramento; owner, F. Bottaro, 428 O St., Sacramento.

DWELLING, 1-story 5-room and garage, $5000; 2548 Donner Way, Sacramento; owner, Catherine M. Chatterton, 2426 F, Sacramento.

DWELLING, 2-story 9-room, $6500; 2947 25th, Sacramento; owner, Irving Marks, 2142 4th Ave., Sacramento; contractor, E. D. Brier, 833 J, Sacramento.

DWELLING, 1-story 5-room and garage, $4000; 1347 43rd, Sacramento; owner, Geo. P. McGrew; contractor E. D. Brier.

DWELLING, 1-story 6-room and garage, $2550; 3516 36th, Sacramento; owner, A. Patrick, 2126 O, Sacramento; contractor, N. Lund, 4708 14th, Sacramento.

DWELLING, 1-story 6-room and garage, $3000; 1472 51st Sacramento; owner, Axel Sundborg, 938 39th Sacramento.

DWELLING, 1-story 5-room and garage, $2500; 3056 3rd, Ave., Sacramento; owner, Effie Bennett; contractor, C. E. Van Winkle, 4416 14th Ave., Sacramento.

DWELLING, 1-story 6-room and garage, $3800; 701 45th Sacramento; owner, J. Newhart, 4448 U, Sacramento.

DWELLING, 1-story 5-room, and garage, $3600; 592 Santa Ynez Way, Sacramento; owner, F. P. Williams 4440 San Benito, Sacramento.

DWELLING, 1-story 5-room, and garage, $3600; 584 Santa Ynez Way, Sacramento; owner, F. P. Williams.

DWELLING, 1-story 5-room and garage, $3600; 585 Santa Ynez Way, Sacramento; owner, F. P. Williams

DWELLING, 1-story 5-room and garage, $3600; 593 Santa Ynez Way, Sacramento; owner, F. P. Williams

DWELLING, 1-story 5-room, and garage, $2800; 3232 S Sacramento; owner, Thos. B. Hunt, 2926 S, Sacramento.

DWELLING, 1-story 5-room, and garage, $2800; 3208 S, Sacramento; owner, Thos. B. Hunt.

GARAGE, private, for post office, $10,000; 425 5th St., Sacramento; owner, Philip Wolf, 2101 P N, Sacramento; contractor, T. Schluckebier 2660 Marshall Way, Sacramento.

DWELLING, 1-story 5-room, and garage, $4000; 2871 3rd Ave., Sacramento; owner, M. Watson, 515 20th Sacramento.

DWELLING, 1-story 5-room, and garage, $2500; 5139 14th Ave., Sacramento; owner, D. C. Adams, Rte 4 Blk 358, Sacramento.

RAISE and install glass windows for business, $2900; S½ Lot 5 O-P-4-5, Sacramento; owner, Wah Kee, 1530 5th St., Sacramento; contractor, C. Vanina, 2022 M, Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted

Jan. 12, 1924—SACRAMENTO. (S. P. Company's Planing Mill). Southern Pacific Co to whom it may concern .....Jan. 9, 1924

Jan. 14, 1924—LOT 5507 Bonita Vista Tract, Sacramento. Ambrose R and Vivian L Tyler to (ux) whom it may concern.....Jan. 12, 1924

Jan. 17, 1924—R, T, 46th and 47th Sts., Sacramento. Sacramento City School District to whom it may concern.....Jan. 4, 1924

Jan. 19, 1924—N ½ LOT 1934 and S 25 Lot 1935 W & K Tract 24, Sacramento. Norman Thorp to William V Whitsell.....Jan. 15, 1924

Jan. 19, 1924—NE ORANGE AVE AND Auburn Blvd, Sacramento. Frank Johnson to F F Bender..Jan. 2, 1924

Jan. 21, 1924—LOT 154 Casa Loma Terrace, Sacramento. Cyril G Hodges to whom it may concern... .....Jan. 16, 1924

Jan. 21, 1924—NE TWENTY-SECOND and I Sts., Sacramento. Ernest A William to whom it may concern... .....Jan. 12, 1924

Jan. 21, 1924—LOT 59, Williamson Tct, Sacramento; owner, Raymond Nay to whom it may concern.....

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount

Jan. 15, 1924—LOTS 15 AND 16 Noble Court, Sacramento. Florence Delahunty vs W R Saunders.....$1976

Jan. 19, 1924—LOT 44, Oak Ridge Ac., Sacramento. S A Wroolie vs C E Bush $76.40

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

STORE building, one-story, $10,000; No. 121 S-American St. Stockton; owner, Triolo & Armanino.

STORE building, one-story, $18,000; No. 427-429 E-Channel St., Stockton; owner, Pahl & Harry Co., 33 S-Sutter St., Stockton.

RESIDENCE, $4500; No. 2611 N-California St., Stockton; owner, H. E. Welsh.

RESIDENCE, $2400; No. 230 E-Hazelton St., Stockton; owner, S. H. Crowes.

RESIDENCE, $6200; No. 1302 W-Flora St., Stockton; owner, W. W. Pierce.

RESIDENCE, $4500; No. 122 E-Monterey St, Stockton; owner, Salfield Bros.

RESIDENCE, $4500; No. 2611 N-California St., Stockton; owner, H. E. Welsh.

RESIDENCE, $3850; No. 1120 E-Oak St. Stockton; owner, J. R. Williams, 720 W-Acacia St., Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted

Jan. 19, 1924—LOT 5 BLK 4, Northcrest Subd, City of Stockton. Sterling Bldg Co by Joseph A Plecarpo, President to whom it may concern. .....Jan. 14, 1924

Jan. 21, 1924—LODI. Lodi Union High School Dist, P O Clark, Clerk of Board of Trustees to Standard Elec. Time Clock Co....Jan. 12, 1924

Jan. 4, 1924—LOT 15 BLK 16, Victory Park Terrace, Stockton. Vincent Dave Vaio to whom it may concern .....Oct. 15, 1923

Jan. 17, 1924—LOTS 35 AND 36 BLK 24, Fair Oaks Tract No. 1, Stockton. A Villanueva to O A Lindberg.... .....Jan 15, 1924

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE
PTN LOT 154, San Mateo Park, San Mateo. All work for one and one-half-story residence and garage.
Owner—Clair H. and R. L. Ross, 115 W-Bellevue St., San Matto
Architect—E. S. Norberg, 409 Occidental Ave., Burlingame.
Contractor—H. H. Putnam, 2508 Easton Ave., Burlingame.
Filed ——. Dated Dec. 17, '23.

Frame up	$2537.50
Brown coated	2537.50
Completed	2537.50
Usual 35 days	2537.50
TOTAL COST,	$10,150.00

Bond, $5075. Surety, Ind. Ins. Co. of North America. Limit, 90 working days. Forfeit, $5.00. Plans and specifications filed.

BUNGALOW
LOT 27 BLK 10, Easton No. 1, Burlingame. All work for bungalow and garage.
Owner—Joseph Pierce, 121 El Camino St., Burlingame.
Architect—None
Contractor—D. Houle.
Filed Jan. 21, '24. Dated Jan. —, '24.

Framed up	$1175
Brown coated	1175
Completed	1175
Usual 35 days	1175
TOTAL COST,	$4700

Bond, none. Limit, 90 days.| Forfeit, none. Plars and specifications filed.

BUNGALOW, $5000; Lot 24 Blk 10 Chula Vista Ave., Burlingame; owner, Jas. Pierce, 121 El Camino, Burlingame; contractor, D. Houle, 1224 Bellevue, Burlingame.

MOLDING RACKS and office, $1000; W Bdwy E r.r. tracks, Burlingame; owner, Wisnom Lumber Co., 5th and R.R. Ave., Burlingame.

RESIDENCE, $5000; Lot 18 Blk 7 Barahlet Ave Burlingame; owner, Parker M. Robertson; contractor, J. P. Dailey.

BUNGALOW and garage, $3500; Lot 3 Blk 4 San Mateo Drive, Burlingame; owner, August Bale.

BUNGALOW, $4000; Lot 3 Blk 10 Primrose Road, Burlingame; owner, L. A. Nelson, 1423 Bellevue Ave., Burlingame.

RESIDENCE and garage, $7000; Lot 5 Blk 7 Crescent Ave., Burlingame; owner, George A. Beveridge.

RESIDENCE and garage, $9130; Lot 3 W ½ Lot 2 Blk 4 Sanchez Ave Burlingame; owner, Pala Classen; contractor, Chris Larsen, 1228 Laguna Burlingame.

BUNGALOW and garage, $2000; Lot 15 Blk 37 Peninsular Ave., Burlingame; owner, Albert C. Laurance.

BUNGALOW and garage, $4000; Lot 34 Blk 48 Cabrillo Ave, Burlingame owner, Chris Larsen, 1228 Laguna Ave., Burlingame.

BUNGALOW and garage, $4500; N on Bdwy 150 ft. W Vancouver, Burlingame; owner, W. L. Hammer.

BUNGALOW and garage, $4500; Lot 9 Blk 7 Paloma Ave., Burlingame; owner, Mable Golding Wynn.

RESIDENCE and garage, $8000; Lot 8 Blk 1 Elgme Park 3, Burlingame; owner, E. N. Ayer, Burlingame; contractor, Chas. H. Huck, Burlingame.

RESIDENCE and garage, $6500; Lot 1 Block 23, Burlingame; owner, G. C. Hess, 1268 Cortez Ave., Burlingame.

BUNGALOW and garage, $5000; Lot 26 Block 44 Easton, Burlingame; owner, Anna L. Coyle, Burlingame.

BUNGALOW, $3000; Lot 4 Block 6 Easton, Burlingame; owner, Mrs. H. P. Mant, Burlingame.

GARAGE, $1250; Lot 11 Block 2 Carol Ave., Burlingame; owner, Capt. Blackburn 1529 Carol Ave., Burlingame.

BUNGALOW and garage, $6600; Lot 3 Blk 3 Carol Ave, Burlingame; owner, Henry Parisman, Burlingame.

RESIDENCE, $1500; Turner Terrace, San Mateo; owner, Annie I. Johnson, San Mateo; contractor, C. H. Bessett Bldg. Co., Burlingame.

RESIDENCE, $7000; N ½ Lot 26 Blk 9 Midway & Bellevue, San Mateo; owner, J. H. Hahn, 715 Occidental, San Mateo; contractor, J. H. Hahn 715 Occidental, San Mateo.

RESIDENCE, $7000; Lot 1, Blk "G" El Cerreto and W St. Inez, San Mateo; owner, Geo. N. Arthur, 409 Occidental, San Mateo; contractor, Geo. H. Arthur, 409 Occidental, San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted

Jan. 10, 1924—LOT 12 BLK "D" Hoy & Lansdale Sub, Town of Menlo. Victor M Lightbody to whom it may concern.....Jan. 9, 1924

Jan. 11, 1924—E ½ LOT 7 BLK 7, Burlingame Land Co, Burlingame. Allie Loutis to Oscar Cavanaugh .....Jan. 10, 1924

Jan. 12, 1924—LOT 36 Baldwin & Howell Resub of Part of San Mateo Park, San Matea. Gussie A Meyer, Agt (W R Blick, owner) to Henry L Meyer.....Jan. 5, 1924

Jan. 12, 1924—LOT 20 BLK 3, Burlingame Terrace, Burlingame. D Houle to whom it may concern.... .....Jan. 10, 1924

Jan 14, 1924—LOT 6 BLK 15, Burlingame Grove, Burlingame. Charles G Adams to whom. it may concern .....Jan. 14, 1924

Jan. 16, 1924—LOT 26 BLK 57, Easton No. 6, Burlingame. J W Hagan to

whom it may concern...Dec. 26, 1923
Jan. 16, 1924—LOT 13 BLK 8, Burlingame Terrace, Burlingame. Ralph W Harst to whom it may concern.....Jen. 16, 1924
Jan. 18, 1924—ACACIA & ORIENTE Sts., bet. Mortin and Ottilia Sts. The Ratterree Bros to California Builders .....Jan. 4, 1924
Jan. 18, 1924—NW BURLINGAME Ave., 60 Frontage, Burlingame. Forsythe & Simpson to J S Sampson Co.....Jan. 18, 1924
Jon. 18, 1924—2 ½ A. LAND PTN LOT 42, San Mateo Land Association. Adeloide Morel to H C Groom..... .....Jan. 18, 1924
Jan. 24, 1924—LOT 20 BLK 48, Lyon and Hoag Sub, Burlingame. Herbert G Holland to Morris Sorensen .....Jan. 15, 1924
Jan. 21, 1924—LOT 36 Baldwin & Howell Resb, San Mateo Park, San Mateo. W R Blick to whom it may concern.....Jan. 3, 1924
Jan 21, 1924—LOTS 5, 6 AND 7 BLK 12, San Carlos. Gogle Hand Forged Tool Co to Mitchell Jackson & Co.. .....Jan. 21, 1924
Jan. 22, 1924—LOT 5-B Grand Ave Ext, Sout San Francisco. Notale and Palmira Armonino to whom it may concern.....Jan. 11, 1924

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Jan. 10, 1924—LOT 33 BLK 3, Crocker Tract, Daly City. William J Finn and M E Jones vs Gabriele Fazio et al $552.50
Jan. 12, 1924—LOTS 13 AND 14 BLK 4, Menlo Heights, San Mateo. Dudfield Lumber Co vs Diana Hogewoll $229.17
Jan. 12, 1924—LOT 21 Recse Sub of Part of Redwood Farm. Progress Lumber Co vs J W H Kempsler and F Gervais.....$170
Jan. 15 1924—LOT 3 BLK 12, Burlingame Terrace, Burlingame. Tony Arquisa vs M Sato and Herman Runipf $60
Jan. 15, 1924—LOT 6 BLK 12, Burlingame Terrace, Burlingame. Tony Arquisa vs M Sato and F Sontag..$52

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
Jan. 11, 1924—LOT 21-A BLK 26, Lyon & Hoag Sub, Burlingame. M Laurensen to whom it may concern $410
Jan. 11, 1924—LOT 21-A BLK 26, Lyon & Hoag Sub, Burlingame Carlson & Peterson to whom it may concern $224
Jan. 15, 1924—LOTS 11 AND 12 BLK 20, Easton No. 2, Burlingame. Mathew Graham to Jeanette M and A Boradat and James Keegan.....$115
Jan. 21, 1924—LOT 1 BLK 21, Esaton No. 2, Burlingame J B Oswald to M T K Rogers.....$533.20

BUILDING CONTRACTS

CONTRA COSTA COUNTY

OFFICE and exchange, two-story and basement Class A, $74,666; NE Cor. 21st and Macdonald Ave., Richmond; owner, Pacific Tel. & Tel. Co.; architect, Eng. Dept. of Owner 333 Grant Ave., San Francisco; contractor, W. G. Thornally, 351 12th St., Oakland.

NEW ORDINANCE WILL PROTECT KERN COUNTY HIGHWAYS

All Kern county roads, excepting the state highway and one or two other roads, will in future be protected from overloads and other unreasonable abuses by the county supervisors themselves, rather than by the general state laws, the California vehicle act. This action was made possible by the enactment of a county ordinance by the Kern County supervisorial body, taking advantage of a clause in the state law which provides (Section 88) that the maximum load on "improved county highways" shall not be more than 22,000 pounds gross, and, that while county supervisors may increase the maximum load, they are helpless to decrease that maximum.

DANIEL CONTRACTING COMPANY SUES CITY OF SAN BRUNO

Two suits for money alleged due in payment for material furnished to pave streets in San Bruno, have been filed at Redwood City by the Daniel Contracting Company.

The first suit names the Municipal Improvement Company, the City of San Bruno, George A. Knecse, superintendent of street; J. A. Cunningham, San Bruno treasurer, and others as defendants.

It is alleged that a balance of more than $14,000 is due the Daniels Company for crushed rock furnished to the Municipal Improvement Company in the paving work, done under a contract awarded last April by San Bruno city officials.

A payment of $2250 by the Municipal Improvement Company for the material, was to have been followed by the delivery of street improvement bonds to cover the balance due, the complaint alleges. Failure to secure the bonds from the Municipal Improvement Company, is responsible for the suit, according to the petition in which the court is asked to force the issuance and delivery of the bonds or award the plantiff company a judgment for $10,871 with interest.

The second suit, directed against the Municipal Improvement Company and Henry Wahl and B. H. Griffiths, as sureties on the bond of the defendant company, seeks to collect the balance due for paving material from a bond of $54,000 alleged to have been posted by the Municipal Improvement Company with San Bruno officials at the commencement of the April contract. The same allegations with regard to delivery of material and the balance due are made in the second suit, except that it is alleged the claim of the Daniels Company constitutes a lien on the bond which was given to San Bruno officials for faithful performance of all provisions in the paving contract.

PETALUMA SEEKS ENGINEER FOR IMPROVEMENT STUDY

The Petaluma city council is asking for bids, to be opened Ferbuary 4, for an engineer to make a survey covering:

(a) A complete investigation and study of all tidal conditions.
(b) Cross-sections of the Creek at various points.
(c) A complete survey of the existing sewer system with a view to the utilization of the present sewers wherever possible.
(d) A study of the needs of the business district to provide for basement drainage. The rehabilitation of the present system to eliminate all storm inlets now discharging into the sanitary sewers.
(e) A complete study both in wet and dry weather by actual sewer gaugings of the daily (24 hour) flow of sewage at hourly periods.
(f) The running of all necessary lines and levels both in the City of Petaluma and outside the City Limits to determine the gradients of sewage.
(g) A study to determine the necessity for the location of an inverted siphon under Petaluma Creek.
(h) A study to determine the necessity for pumping sewage; the possible location of pumping works; tentative designes and costs including operation costs.
(i) Tentative designes, estimated final cost and maintenance costs to cover possible installation of septic tank disposal units with adequate sludge beds.
(j) Tentative design and estimated costs covering detention tank units for outfall sewer, to be used in connection with dilution method of disposal, if required.
(k) General study and plan of proposed disposal of storm water including tentative design of system and necessary structures, with estimates of costs, etc.
(l) General plan of proposed systems recommended with complete estimates of cost.

Director Hines of the Veterans' Bureau seeks a $1,500,000 appropriation from Congress to finance construction of a national volunteer soldiers' home at Sawtelle, Calif., with a capacity of 500 beds.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
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FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

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Twenty-fourth Year No. 5

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For Sale by All Lumber and Building Material Dealers

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

John Perrin, chairman of the Twelfth Federal Reserve District, in his report on 1923 business affecting the district under his supervision, reports that the output of lumber during 1923, as reported by 200 mills of the district, was approximately 25 per cent larger than in 1922. Shipments of lumber and the volume of orders received increased as did production, and no abnormal growth of stocks has been reported. Figures of building permits issued in 20 cities during December, Mr. Perrin's report says, indicate no abatement in building activity during coming months. Both the number and value of permits issued in the district during the year 1923 were of record proportions. The figures show that during 1922, a total of 144,673 permits was issued as compared with 122,295 in 1922, an increase of 36%. The value of permits in 1923 is placed at $419,726,221 as compared with $310,644,294 in 1922, an increase of 35%.

A college which will offer standard courses and be open only to members of organized labor is to be established at Des Moines, Ia., under plans adopted by the Trades and Labor Assembly. The institution was decided upon as a means of aiding the organized workers through education. Officers of the organization and a corporation to operate the college will be chosen shortly, it is announced by Harry Thomas, secretary of the assembly.

Earnings of the Bethlehem Steel Corporation in 1923 totaled $37,373,228, a gain of $17,579,516 over 1922. The increase was partly accounted for by the absorption of the Midvale, Cambria and Lackawanna companies, whose buildings helped to swell the corporation's income. Net earnings in the last quarter of 1923 were $9,935,147, as compared with $10,518,951 in the preceding quarter.

A new list of prices for the Los Angeles retail lumber market became effective Jan. 21 Common fir is $3.00 per thousand lower and clears are down $5.00 per thousand feet. Fir flooring is $5.00 per thousand lower, redwood rough clear is down $5.00, and redwood siding is $3.50 lower. Prices on other lines are unchanged.

According to official compilations in Seattle, 1923 promises to take a long lead over any previous year in the production of electricity for light and power. The output for the first six months of 1923 was 32,480,000,000 kilowatt-hours. In 1922 the total was 54,000,000,000 kilowatt-hours, which was a record.

Henry Ford will erect a $45,000,000 plant in Houston, Texas, to turn out automobiles for South American trade. Construction will be started about March 15 Fifteen thousand men will be employed with the plant working full capacity.

Alonza Jessop of San Diego has been appointed by Governor Richardson, a member of the San Diego Board of Harbor Commissioners to succeed Frank L. Richardson, whose term expired.

Consolidation of the American Society of Safety Engineers and the Engineering Section of the National Safety Council to be known as "The American Society of Safety Engineers, the Engineering Section of the National Safety Council," is announced. The activities of the new organization will include monthly meetings in New York City and meetings in other cities, including Chicago, Cleveland and San Francisco, in addition to the sectional and safety code work and research committees on special problems.

The Department of Commerce announces December sales of fabricated structural steel, based on figures received from the principal fabricators of the country. The sales of 181,741 tons were reported for December by firms, with a capacity of 224,982 tons per month, or 81 per cent of capacity. Shipments of firms reporting this item represented 66 per cent of capacity, as against 80 per cent in October and 70 per cent in November.

Double tracking of the main line of the Santa Fe Railway from Summit to Hicks, the only single track link remaining in that part of the system, which is between San Bernardino and Barstow, has been authorized at the Los Angeles offices of the company. Construction work will begin immediately. An appropriation of $2,538,000 has been made for the project.

Favorable report on the Langley hill, carrying $6,500,000 to provide additional hospital facilities for World War Veterans, has been ordered by the House Public Buildings Committee. The appropriation was requested by Director Hines of the Veterans' bureau, who said it would be sufficient to complete the bureau's construction program.

Malott & Peterson, 2412 Harrison St., San Francisco, have called a special meeting of stockholders for March 18, at which time the proposition of increasing the capital stock of the corporation will be voted upon. It is proposed to increase the capital stock to $100,000, divided into 100,000 shares. E. H. Peterson is president and Thos. H. Price, secretary of the company.

Statistics show that in the last nine years the use of face brick for building purposes has increased 70 per cent Douglas F. Stevens told the annual convention of the National Brick Manufacturers' Association in Cincinnati.

Robert King, formerly of the Kings Electric Company of Oakland, has entered the electrical field for himself and will maintain headquarters at the Builders' Exchange, 351 Twelfth St., Oakland.

Fred Moore of Sacramento is considering sites in Santa Cruz on which he proposes to erect a plant for the manufacture of the Economy piston oil rings.

The Berkeley office of the Pacific Manufacturing Company, manufacturers of sash, doors and mill work, effective February 1, will be moved from 2138 University avenue to a permanent location at 2108 Shattuck Ave. Rooms 121-122.

ALONG THE LINE

Francis Lee Staurt has been secured by the Greater Harbor committee of 200 of Los Angeles Chamber of Commerce to make a survey of the harbor and railroad and terminal facilities in the harbor district. He will co-operate with the harbor commission and its engineers. Mr. Staurt was formerly chief engineer of the Baltimore & Ohio railroad and has a wide reputation as a harbor terminal, railroad and water way engineer.

Bids will be asked shortly by the California State Highway Commission to construct the Ventura causeway in Ventura county, the estimated cost of which will run between $300,000 and $400,000. Plans will provide for a seawall and a dirt fill 1.2 miles in length which will replace the trestle, now in use, and a 20 ft concrete road bordering on the ocean.

Plans for a lock system in the Sacramento river, which would give Sacramento a nine-foot channel, suitable for larger boats, and a six-mile water front at a cost of $7,000,000, were outlined by O. G. Stanley, assistant in the U. S. Engineer's office at San Francisco, before the river problems conference recently held in Sacramento.

R. A. Herrold, Sacramento architect, will address the second Pacific Coast Conference of Building Owners and Managers, to convene in San Francisco, February 8 and 9th. Mr. Herrold will speak on rental conditions as related to office structures in Sacramento.

Charles H. Treat has resigned as president of the board of public works of Los Angeles to devote his entire time to private business interests. H. J. McGuire, who has been a member of the board for a number of years, is the new president.

Western Branch of the School of Engineering, University of Milwaukee, has opened offices in the Call Bldg., San Francisco. The school teaches all branches of the engineering profession in addition to sales engineering.

Street improvements to be undertaken in Richmond, Contra Costa County, during the year 1924, will total approximately $500,000, according to a program adopted at a recent meeting of the city council.

K. C. Bean, chief examiner of the State Civil Service Commission, has tendered his resignation to David Reese, president of the commission. Bean gave no reason for his action.

James Webster Wells, pioneer contractor of Palo Alto, died in that city January 25, following a brief illness. A widow and one son survive.

A. P. Stewart, formerly with the Standard Oil Company, has entered the contracting business in Fresno.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

FRESNO CHAPTER A. A. E. NAMES DELEGATE

At the January 16 meeting of the Fresno Chapter, American Association of Engineers, S. A. Chapman was appointed delegate of the chapter to the national convention in San Francisco in June. A special committee of five, the names to be selected by the president, will be appointed to entertain delegates to the national convention who will be brought to Fresno.

The principal address of the evening was made by C. T. Faw of San Francisco, who described the manufacture and uses of iron and steel.

D. S. Hays was appointed chairman of a publicity committee and another committee to arrange for women's night next month was announced.

Activities of all members of the American Engineers' Association between Modesto and Bakersfield, including the Fresno and Kern Chapters, will be centered and carried on under the name of the San Joaquin Valley group, it was announced.

ELIMINATION OF UNNECESSARY COSTS ON PUBLIC WORKS

Unnecessary costs of public work now being carried by taxpayers are in line to be eliminated by adoption of more business-like methods of governmental administration, according to statements made by Gen. R. C. Marshall, Jr., general manager of the Associated General Contractors of America, in an address delivered at the associations annual convention at Chicago.

Speaking before a joint meeting held by the contractors' national association and the American Road Builders' Association, General Marshall called attention to the fact that the public has long been shouldering a needless tax burden because fifty or sixty individual bureaus of the government have been following widely divergent policies in contracting for work.

A new form of government contract, unifying provisions in the documents used by the various bureaus, has been drafted by the Inter-departmental Board of Contracts and Adjustments, a special agency created under the Bureau of the Budget.

When the new government contract has been in use, General Marshall declared, "commercial organizations dealing with a federal agency will find, if the board's intentions are carried out, a revised code of practice compatible with the established principles of business."

A. G. C. ELECT OFFICERS

Frederick L. Cranford of Brooklyn, N. Y., has been elected president of the Associated General Contractors of America, to serve for the coming year. Cranford, who is president of Frederick L. Cranford, Inc., succeeds John W. Cowper of Buffalo, N. Y.

Other officers elected include: Vice-President-at-Large, A. S. Downey, Seattle, Wash.; Vice-President; Leonard C. Wason, Boston; H. H. Wilson, Harrisburg, Pa.; Directors—W. A. Rowan, New York City; T. J. Baker, Milwaukee, Wis.; Henry Ericsson, Chicago; Natt MacDougal, Portland, Ore., and H. W. Baum, Salt Lake City. The Vice-Presidents and the directors are to hold office until 1927.

PACIFIC COAST HARDWOOD DEALERS ORGANIZE

The Pacific Coast Hardwood Dealers' Association was organized at a recent meeting in Del Monte with dealers in attendance from Vancouver, Portland, Oakland, San Francisco, Los Angeles and San Diego.

Officers of the new association are: President, C. H. White, White Brothers, San Francisco' vice-president, D. J. Cahill, Western Hardwood Lumber Co., Los Angeles; secretary-treasurer, J. E. Higgins, Jr., J. E, Higgins Lumber Co., San Francisco; regional directors, J. Fyfe-Smith, J. Fyfe-Smith Co., Ltd., Vancouver :Roger Sands, Ehrlich Harrison Co., Seattle; P. J. Ahern, Emerson Hardwood Lumber Co., Portland Geo;. H. Brown, Strable Hardwood Lumber Co., Oakland; E E. Taenzer, American Hardwood Co., Los Angeles; L. H. Stanton, E. J. Stanton & Son, Los Angeles, and Jerry Sullivan, Sullivan Hardwood Co., San Diego.

The organization adopted a code of ethics, the cardinal principles of which are:

To further and intensify a spirit of mutual respect, confidence and good-fellowship among its members.

To insure in all business transactions the application of the spirit of the golden rule.

To establish the spoken word on the basis of the written bond.

To subordinate personal interests to the good of society.

To recognize the square deal as the keynote of business.

In addition to a general discussion of the problems of lumber inspection, credit extensions, etc., the chief practical problem dealt with was the adoption of a comprehensive plan for joint action in a campaign of advertising the beauties and advantages of hardwoods for interior finish in residences and buildings of a public or semi-public nature.

The next regular meeting of the association will be held at Santa Barbara, Aug. 29-30, 1924.

NAPA BUILDERS EXCHANGE PLANS ADVERTISING CAMPAIGN

A comprehensive advertising campaign to stir building activities throughout Napa County during the coming Spring was mapped out at a recent meeting of the Napa County Builders' Exchange, according to E. W. Doughty, president of the organization.

Whole page advertisements will be featured in every newspaper published in Napa County in an efforth to promote the building business and instruct the building public in the advantages of the "build now" movement.

The committee appointed to assemble material for the advertising campaign consists of E. W. Daughty, W. N. Shifflet and Fred Jackle.

Brick manufacturers of the United States who meet in annual convention in Los Angeles next month, will be presented with a two-pound box of the best prunes that Colusa county, Calif.. can produce. The prunes will be presented in boxes representing a brick,

FRESNO BUILDERS MEET

With approximately 70 members in attendance, the first of a series of monthly meetings was held Jan. 28 by the Builders' Exchange of Fresno at the Exchange quarters, 2133 Kern St. President J. G. Martin presided.

H. J. Diller, member of Fresno glass concern, spoke on "The Manufacture of Glass," while F. H. Sutton, principal of the Fresno Technical school, spoke on building conditions in the East, which he observed in his recent trip to New York.

Diller outlined the glass industry from the Egyptian age to the present day. He submitted statistics reflecting upon the steady increase in the production of glass. Last year, he said, 120 million square feet were produced in the United States. The automobile industry used 50 per cent of the total used in this country, he added.

MATERIALMEN FORBIDDEN TO GO CONTRACTORS BOND

F. L. Hatch, secretary of the Building Material Dealers' Association of San Francisco, announces the adoption of a resolution if that body, ordering that members of the association refrain from going on bonds of any contractor or sub-contractor. The resolution was unanimously adopted by the association at a meeting held January 16, and according to Hatch, is a measure which seeks to promote the mutual benefit of all concerned.

SACRAMENTO STUDENT ENGINEERS TO ORGANIZE

Students in the engineering classes of the Sacramento Junior College, at a recent meeting, voted to organize a branch of the American Association of Engineers and a committee was appointed to confer with the Sacramento Chapter of the A. A. E. and secure details as to a membership campaign.

Speakers at the recent student meeting included: C. S. Pope, construction engineer for the highway commission; W. S. Kingsbury, state surveyor general; T. R. Simpson, hydraulic engineer; Don M. Baker, hydraulic engineer, state division of water right; and C. B. Bruner, vice president of the Sacramento Chapter of the American Association of Engineers.

HIGHWAY MEET CALLED

Supervisors of San Francisco, San Mateo, Santa Clara and Santa Cruz counties, together with newspapermen from all the four counties, have been invited by Harvey M. Toy, chairman of the California State Highway Commission, to attend a meeting to be held in the San Francisco State Building February 20 for the purpose of discussing the proposed highway work on the peninsula. The principal matter to be discussed will be the speeding of the work on and the completion of the Skyline and Bayshore boulevards, and the completion of the work of widening the main Peninsula highway, El Camino Real.

Economic Aspects of Day Labor Construction

(An address delivered by Arthur S. Bent of Bent Brothers, Los Angeles, at the Fifth Annual Meeting of the Associated General Contractors of America, LaSalle Hotel, Chicago, Ill., January 21, 1924)

In discussing with you this question it is quite likely I shall be unable to hold myself strictly to its economic aspect, except in the broadest sense of the term, because the consequences of its decision are far reaching and many sided and are not confined merely to the measure of dollars and cents. Indeed I am not sure this is its most important aspect.

For illustration let us assume for the moment that the study of the Reclamation Service now being made shall later indicate that the enormous amount of work that Department has been doing by day labor has cost far more than it could have been contracted for. Would it then be straining an argument to contend that the partial failure of this huge benevolent enterprise has been due in some measure to this excessive cost. And might we not legitimately follow through a chain of consequences leading far beyond mere money waste? Would it not be easy to show not only resulting poverty and distress among settlers, but discouragement, distrust and even disloyalty toward the Government, striking a blow at the very character of our citizenship in these areas?

Comparing "firm contracts" and "day labor" I believe it would not be hard to demonstrate that these two methods of carrying on year after year, the huge construction program of this nation, are so radically different that their results must to some degree affect differently our national character itself.

The problem we are to consider is not hypothetical. All over the country today there is a growing tendency among public officials to do public work by day labor. This is not confined to maintenance, or to minor municipal operations, but reaches to single major projects of great importance. River levees built by the Federal Government; highways built by states; dams and canals built by irrigation districts; asylums and hospitals by counties; schools and sewers and paving by cities, all by day labor. The real causes of this tendency are not easy to determine, but the reasons given by public officials are quite simple and specific. Chiefly they are, first, "to save the contractor's profit," next, to permit of more elasticity in carrying on work—under day labor method the responsibility upon the governing bodies of knowing just what they are going to do and how does not press heavily. Next, work can be started quicker. But back of these and other reasons lie basic causes which are not so easy to get at. Sometimes it is a desire for power and the support in authority, which comes from a large body of subservient employes. Sometimes it is just politics of the old sordid variety, less common now but not yet gone from public life. To some extent it is traceable to a tendency toward socialism. Sometimes there is genuine discontent with contractors, or distrust of them. And let us in fairness say that sometimes it comes from a sincere, if mistaken, impulse to save money.

Whatever may be the underlying causes, the tendency is unmistakably manifesting itself and as construction men who not only are vitally interested, but who should be expert in their knowledge and their conclusions, we are considering the matter as unselfishly and honestly as we can and asking the public to review our findings in the same spirit.

If as we believe, this is a question of grave importance, involving much more than our own interests, then it must be so by virtue of the magnitude of the construction industry, or its vital connection with society, or both, and so we may be pardoned for bringing up once more a picture of Construction as we now see it and a suggestion of the part it plays in the life of the world today.

In Secretary Hoover's last Year Book this statement is made: "Construction in the United States in 1922 exceeded five billions of dollars, equalling the combined value of wheat, corn, oats, barley and rye, almost equalling the net operating receipts of all the railroads in the United States and exceeding by 50% the total exports of this country. Activity in construction bears a close relation to general business conditions."

S. W. Straus in a recent White House conference said, "There is potential need for eight billion dollars worth of new buildings in the United States today. The nation's volume of buildings for 1924 will reach five billions, and all of this is just so much new capital created to contribute its share of Federal, state and city taxes."

Secretary of Labor Davis recently stated as follows: "More than eleven millions of our people are dependent for their living upon the construction industry and 22% of all the skilled and unskilled labor of the country is engaged in the building branch alone. Some 250,000 freight cars are required to handle the materials. Our building bill is $200 per year for each family in the United States." Mr. Davis concluded, "it is truly the chief barometer of the business of the country. When construction gains, prosperity is with us. It is the great outstanding influence for good or bad in our financial progress."

Another author has recently referred to Construction as the "big tool of mankind" and says "it has always been the best means of expressing the impulses underlying civilization."

Evidently construction contributes heavily to the tremendous buying power of our people and the savings banks of the country reflect to a remarkable degree the activity of this field. Construction is truly the key industry which unlocks the rest.

The cold facts are impressive. About 30% of the nation's wealth is produced by construction and it absorbs 60% of our national savings. Some 3000 other industries are dependent upon it. Over 90% of the iron, copper, lead and zinc we produce is consumed in construction. It is simple truth to say that construction precedes and underlies all human development. "Everywhere the spirit of the Builder hovers over the earth." Everywhere he is ceaselessly shaping the amazing structure through which human life functions and finds opportunity and happiness — building the highway over which it is traveling to its ultimate destiny.

Now two fundamental questions next present themselves. First: Has the evolution of this tremendous activity which touches so vitally every human life, developed an adequate specialized ability, either executive or technical. Second, is that ability essential to its orderly progress?.

If I could show you at this very moment in one amazing panorama, merely the physical problems which are being solved right now by the master constructors of the world, what an impressive answer it would be to our first question. What stupendous difficulties are being met, what marvelous works are being wrought. Great subways burrowed beneath the rivers and railways and buildings of New York. Factories whose deep foundations are crowding back the Mississippi river with its tidal sweep of over 30 feet. Concrete chimneys 300 feet high, 20 ft. in diameter, built entirely upon the roof of a power house. Huge dams thrown across mountain gorges in the high Sierras while torrential streams flow uninterrupted. Railways hung like spider threads along sheer cliffs and spanning mighty rivers. Docks and seawalls that make good the challenge "thus far and no farther." Subaqueous conduits that lie on the ocean's bed, and towers that pierce the sky. Aqueducts traversing deserts and ranges and lakes. Highways through swamps and under mountains. Buildings that tower in safety and beauty 50 stories above the city's streets. All of this and much more our flash light would show, and upon the throttle of this mighty engine of modern civilization, rests the competent hand of the general contractor.

Let us look him over a bit before we consider whether he is really needed. He is the product of evolution plus personal ability and character. Slowly step by step he has climbed a hard road. He has many downfalls, but he has learned much and paid with his own money for every lesson. Through much experience he has accumulated knowledge which can come in no other way, and he has acquired precedent to guide him through all new difficulties. He knows what tools will best work out his plans and how to use them. He has developed a keen judgment of men and their fitness, and through his acquired ability to guide and inspire them he has built up a specialized and dynamic organization. Along with his skill he has developed integrity and responsibility so that he absorbs within himself the consequences of such mistakes as he may make and even such misfortunes as befall his work, and he is constantly spurred to his maximum efficiency by the necessities of his own financial responsibility. He delivers the goods, the kind he promised at the price he agreed. He has rightly been called "civilization's big tool."

Now who do the advocates of day labor work ask us to take in his stead for handling the 5000 million dollars we will put into construction this year? Why, a politician, placed in office by a campaign in which his ability as a construction manager was not even remotely considered. He holds that office for a limited time until a new but similar official may take his place. He has no organization, no plant, no experience and frequently so little executive ability that the business world has passed him by, and public office is the best job he can get.

This official so poorly equipped that he would never undertake the work with his own capital, if he had any, says to the city or to the state, "let

me have this ten million bond issue and I'll build the highway or the sea wall or the aqueduct or the city hall, and save you all the contractor's profit! True I have no financial responsibility but I want to try it anyway. I have had no experience. I never undertook an important project of any kind and I admit that probably no contractor would want me as his manager for the job. But there's no reason why I can't hire the same men that he hires and get as good foremen and superintendents as his, and buy the material just as cheap. That's all there is to it. Then too the inspection expense will be nominal because nobody will cheat, and the engineering will cost much less because we don't have to get our plans ready in advance, we can start and then work them out as we go along. It is true I only **think** I can do all this, and if I miss my guess you will have to foot the bill. I can't give you any guarantee. Of course I don't propose to put up a bond. I couldn't get one if I wanted to, but—let's go!"

Now does anyone really question the proper choice between these methods from the standpoint of economics, which we are discussing? Can any of us doubt the pernicious effect upon the morale of our people of this phase of socialism. And is anyone really ignorant of the inevitable answer which history has already given?

It is a commonplace to say that we all recognize the propriety and necessity of a certain amount of day labor work. Many emergencies can best be met by this method. Most maintenance work should be so carried on. And there are rare cases where the conditions indicate it for major operations. But in spite of such notable instances of successful construction as the Miami Conservancy District and the Los Angeles Aqueduct, the prosecution of public work by day labor has been a long story of waste of public money and the development of inefficiency. This is such common knowledge that I shall take your time with only a few examples, and moreover shall confine myself to my own observations.

The State of California had a most significant experience in building highways by day labor, which is fairly illustrated by an excerpt from the report of the United States Bureau of Public Roads published in 1920. This shows from a study of twenty California highways, ten of which were done by contract and ten by the State's forces, that the contracted jobs exceeded the engineer's estimates by 39% while the day labor jobs exceeded the engineer's estimates by 193%.

In the joint report of the two great California Automobile Clubs may be found the statement that of 300 highway jobs done by day labor, and amounting to seven millions of dollars, the State's accounts showed unit costs on only five jobs. On two of these five the State first called for bids and rejected them on recommendation of the State Engineer who then undertook the work himself. The record shows the following figures: (a) engineer's estimate; (b) contractor's bid; (c) actual cost to State:

Excavating (a) $.55; (b) $1.10; (c) $1,17 cu. ft.

Concrete, (a) $4.50; (b) $7.50; (c) $10.38 cu. yd.

In totals this means on the first job a bid of $117,000 and an actual cost of $160,000, or a loss to the State of 37%, and on the second job a bid of $43,000 and a cost of $81,000, or a loss to the State of almost 90%.

With such facts within their knowledge what shall we think were the reasons that led State officials to continue this method to the extent of $7,000,000 worth of highways; and were their reasons typical? It is gratifying to add that the present California administration went into office under a pledge to stop this reckless waste and to carry on its public construction under public competition and firm contracts protected by surety bonds.

The Gila Dam in Arizona was estimated to cost $800,000. It was built by day labor, without change of plan at a cost of nearly $2,000,000.

A County Engineer of Northern California made the statement to me that during his administration practically all of the highways built by day labor ran 20% above the bids received for the same work and moreover that inspection was poor and labor inefficient. Also that in the few cases where cost keeping was attempted at all, nothing was allowed for equipment or its depreciation.

I could fill my allotted time with illustrations, big and little, of the waste of public funds on day labor construction, but every man here could do the same thing. The taxpayer everywhere comments on this waste and has his sarcastic joke about it. The story is written too plainly to be misunderstood. But let me add a word or two from experts who are disinterested.

California State Highway Engineer Morton says: "We have no conviction that day labor work generally offers a means of saving money. We know that it increases the overhead expense and by scattering the energies of the administrative officials detracts from the quality and quantity of supervision given the contracts."

Wm. Mulholland, widely known as the great engineer who built the Los Angeles Aqueduct by day labor recently wrote, "In the case of ordinary large works where plans can be definitely prepared, it **would be folly** to discard the customary method of employing the contractor. It is my firm belief that the proper method from a business standpoint is to accept the firm offer of the responsible and experienced contractor, thus definitely determining the public's liability and putting the responsibility where it belongs, upon a concern which makes construction its specialized business."

Capt. Herbert Nunn, former State Highway Engineer of Oregon, after handling seventy millions of highway construction in six years, recently said, "I have found it impossible to do any day labor work at a saving to the taxpayer."

F. H. Joyner, for many years Highway Engineer of Massachusetts and later Chief Engineer for the Los Angeles County Highway Commission, was called in by Arizona to study and advise upon its great road building program. I condense from his report: "Whether it is best for a State to do its work with State owned equipment and State employed superintendents and laborers, is a question which in its broadest significance extends into the very foundations of our government. But considering only its economical aspects, a few facts stand out clearly. The average man expects an easy job when working for the State. It takes months under good supervision before he can be made to give the State the same service he would have given the contractor on the first day. Politics in some form is ever present in public work, and many men are employed not because of fitness but because of hidden pressure which cannot be denied. It is almost certain that day labor work will exceed the contractor's price by more than his profit and furthermore there is always present the danger that the engineer will close his eyes to defects in his own work which he would never permit from a contractor. There are examples of that sort in your Arizona roads today. From many years of direct supervision of public work I feel that public bodies face **certain fundamental handicaps** that make it practically impossible for them to compete with the contractor in either cost or quality and I unqualifiedly recommend to you contract work."

The Los Angeles County Board of Supervisors.

After much experience under honest administration and conditions more favorable than the average, has disapproved the day labor method of doing public work and the chairman of the Board recently wrote:

"Our policy is to let all of our important work by contract wherever it is possible to prepare plans for bidders. We believe it is the sound and economical way to handle construction because it definitely fixes the obligations and responsibilities of the owner. If the work is let to responsible and experienced bidders backed by surety bonds in the interests of the owners and the taxpayers are fully and definitely protected. We do not believe it is economical to handle large works by day labor because of the impossibility of getting the same efficiency the contractor does out of his trained organization and his specialized equipment."

Louis C. Hill, the widely known Reclamation Engineer, who built the Roosevelt and other great dams, writes "We generally follow the policy of recommending to our clients that work be done by some contracting firm. Any first class experienced contractor should be able to do the work for a price, including his profit, less than it can be done by force account, provided all the proper charges are made against the job in the latter case."

Now these important testimonials gathered only from my own limited experience are the expression of a situation which has been demonstrated over and over again. Day labor work never has and never will develop the full efficiency and close economy which are the very heart of every successful contractor's history. And moreover I make the assertion, not carelessly, that competent examination of even the most conspicuous examples of apparently successful day labor undertakings in this country, would probably reveal not only an unnecessary cost but the further fact that the engineers did not hold themselves to the methods or standards they would have demanded of the contractor. On a certain well known important construction, my own firm was specifically instructed by the Chief Engineer that our bid must be based upon aggregates obtained by opening up a remote quarry and crushing both rock and sand, because the aggregates along the job were not suitable. But when he decided to do the job himself he used the forbidden material exclusively and on completion announced in public print a saving which as a matter of fact was much less than the amount we had added for the quarrying and hauling. His answer to me was "well I could safely do things that I could never permit under a contract." The maintenance gang that has been kept upon that particular piece of work ever since, is another story.

I also emphatically deny the soundness of the familiar argument for day labor, that it removes the incentive for slighting and insures better quality of work and assert from my observations that just the opposite is true. We contractors in all lines of construction are constantly held up to the details of meticulous standards and specifications which no engineer or architect imposes upon himself. The engineer has no higher authority to criticise his own work. This is not a proper basis for public construction.

Neither will the public mind concede much favor to the other chief argument, that day labor permits the engineer to enter upon the work without the necessity of first fully preparing his plans. Great emergencies may oc-

casionally justify such procedure, but as a method it is improper and unsound and leads to careless estimates and increased costs. It would be as proper to allow a contractor to plant the job one tool at a time as his need arose as it is for an engineer to enter upon it before he has made the fullest possible study and worked his plans out to completion.

But the fundamental and glaring unsoundness in the day labor method of expending public funds lies in the utter lack of responsibility back of the estimates and hopes of the officials in charge. It seems axiomatic that the taxpayer is entitled to assurance as to the ultimate cost of public work. The best of intentions and the most honest efforts on the part of officials are a poor substitute for guaranteed costs, and financial responsibility. The taxpayers of the country would not knowingly put this option into the hands of the evershifting stream of politicians who pass through our public offices.

Recently a large irrigation district dam was financed by a bond issue, and the trustees, persuaded by their engineer that he could "save them the contractor's profit," turned the construction over to him on a percentage basis. But when they went into the market with their bonds, the underwriters refused the issue until the district had rescinded its deal with the engineer and had let the work to an experienced contractor whose firm offer was backed by a surety bond.

Within three months the State Bond Commission of California has gone on record as looking with disfavor upon the application of irrigation districts for bond issues, when they contemplate spending the revenue of such issues in day labor construction. Why? Why be cause it is manifestly unsound economics to create a public loan for which the security or collateral is not definitely set up. When a bond issue is expended on day labor construction, the purchasers of the bonds have no assurance whatever that the money they are providing will create the promised collateral and our history is notorious with wrecks in proof of this.

Furthermore, when public works are built by day labor the taxpayer very rarely knows the actual cost. Such statements as are made in public demand are seldom a true picture. Overhead is not fully charged. Equipment is shifted from other departments without charge Automobiles are used without charge. Equipment is credited at the close of the job at a price above its actual salvage value. Repairs of equipment are charged elsewhere. Telephones, telegrams, trips, postage, automobile supplies, general office work, depreciation are omitted or charged to general accounts. If public officials really do make savings in construction work, why are they not eager to publish full reports which will stand the test of expert auditing? Why it is so universally difficult to dig out the real costs of such work from your city hall or your state capitol? Why do public officials always resist the adoption of state laws which would bring their construction costs fairly into public contrast with contractors' bids? It was only after years of struggle and defeat that in California we finally secured quite recently the adoption of a law which requires public officials to file upon completion sworn statements of their day labor construction costs and to include therein repairs, insurance, transportation, rentals, depreciation, and all other costs entering into the work. Also to set forth the original estimate of cost, together with the bids, if any were taken, and a list of the publicly owned equipment used on the work and any changes in the original plans and specifications. Why was this wise, wholesome bill strenuously resisted? Isn't it certain that any public official, who really effected savings by his construction department would eagerly welcome publicity therefor? Yet quite generally they oppose all efforts to check their costs—costs which are nearly always hopelessly buried in books and general accounts.

May I digress a moment to illustrate what we mean when we talk about the value to the public of responsibility. A few years ago a middle west city voted a bond issue of about three million for a new water supply, and after some opposition from day labor advocates, let the work to six different contractors. The entire work was efficiently put through without default or delay, and within the money, but every one of the contractors lost heavily. The work actually cost three and a quarter millions. Was the contractor in this case a liability, or was his guaranteed cost an asset of vital importance to that community?

The whole question is, does society need the specialist? Does it need the financial ability and experience of the successful banker, or shall we let casual office holders manage our monetary institutions? Do we need the trained railway executive, or shall the government operate our great transportation business with government employees? Do we need the men who have developed and manage our telegraph and telephone systems, or shall these be entrusted to the Democrats this year and to the Republicans next? And are the office holders of this country the proper agency for managing the nation's vast construction program or do we need the contractor?

We believe society does need this man who builds up a great fabric of experience and specialized skill and organization and holds it ready for responsible public service. We believe he is the orderly development of a sound economic system from which desirable conditions flow. Then let us not begrudge him his legitimate rewards,—meager enough on the average.

The contract method is time-honored and sound. It is based upon well established economic truths. It's competition developes low costs and enforces high efficiency. It furnishes the guarantees and responsibility upon which the safe financing of construction projects must rest. Such evils as it has from the public's point of view are not inherent in the method. They are solely the result of the failure of owners to demand skill, integrity and responsibility in their contractors.

But the day labor system is fundamentally unsound. It breeds dangerous politics, encourages inefficiency, lowers construction standards, develops extravagance, decreases production, destroys individuality and lets loose that spirit of disloyalty to duty which notoriously during the war spread like a plague over the whole world. We all need the spur of competition. We all need to feel the pressure of definite responsibility. We all need the rewards of individual initiative and effort. America's splendid and amazing career fairly rests on that foundation. Listen to the words of that discouraged prophet of day labor and communism, Leon Trotsky, as they appeared recently in the Literary Digest. "Our nationalized industries, even those working under exceptionally favorable auspices and well equipped, all are working at a loss. Our administrators and directors are not real masters who attend to every little detail, who watch everything, who save every minute of time and every cent of money, who work day and night caring for the needs of our plants." The same false theory upon which day labor rests has benumbed the great soul of Russia and not even her vast resources, greater than our own, will restore her.

Now listen by contrast to the stirring words of the President of the Chamber of Commerce of the United States, Julius H. Barnes—with which I Close.

"It is the American conviction that private enterprises and individual initiative are very precious things in national life which translate themselves into national progress."

"Consciously or unconsciously, American industry knows that its peculiar philosophy which stimulates the effort of the individual through assurance of a fair field and a secure reward for superior service has become the main spring of American accomplishment, and we will not permit unchallenged the loud spoken claims of those who would write into the American structure principles destructive of individual incentive and effort.

"Socialism leads to the easy theory of public service rendered without account of cost."

"We should not remain silent when theorists in public life propose to displace the sturdy philosophy of individual accomplishment with the easy social theory of the care of the State, without that responsibility."

"If we can read intelligently the lesson of our National progress, a progress which after all is only the aggregate of individual effort stimulated by fairness of opportunity and sureness of reward, then America may face the future without misgiving."

SHIPMENT COMPLAINT

The Southern Pacific Company has been ordered by the Railroad Commission to pay to Pacific Portland Cement Company, Consolidated, reparation on all shipments of crude lime rock moved from Flint to Tolenas during the "Federal Guaranty Period," March 1, 1920, to August 31, 1920, inclusive, that would have accrued on the basis of a rate of 60 cents a ton. Complaint alleged that it was required to pay a rate of 70 cents a ton from March 1, 1920, to and including August 25, 1920, and a rate of 90 cents a ton from August 26 to August 31, 1920, and that these rates were unjust and unreasonable and in violation of Section 13 of the Public Utilities Act insofar as the rates exceeded 50 cents per ton.

Commissioner Brundige in a dissenting opinion stated that complainant has completely proved that it is entitled to reparation upon all shipments of rock moved at a rate in excess of 50 cents a ton from March 1, 1920, to and including August 25, 1920, and from August 26, to 31, 1920, inclusive, reparation should be made upon the basis of shipments made at a rate of excess of 60 cents per ton.

HEIGHT LIMIT INCREASED

Extension of the building height limit in the city of Sacramento from 120 to 150 feet is authorized in an emergency ordinance passed by the city council.

The ordinance, which becomes effective immediately, was introduced by Mayor Elkus and was rushed through that the B. P. O. Elks and the Pacific Telegraph and Telephone Company can make immediate applications for building permits to erect skyscrapers which will tower above the old limit. The Elks plan to erect a clubhouse at Eleventh and J streets and the telephone company has completed plans for a structure at 1411 J street.

The old ordinance went into effect about a year ago, after the new State Life building at Eleventh and J Sts. was started. This building, consisting of fourteen stories, towers 214 feet above the pavement.

TRADE NOTES

The Hoyt Heater Company, operating extensively in Southern California, has purchased a large tract of land in Tenth street between High street and Forty-fifth avenue, Oakland, in addition to the purchase of a half interest in the Marchant Foundry Company, Powell and Landregan streets. A new foundry will be constructed by the Marchant Company on the property within the next 60 days, according to R. C. Hoyt.

The Mission Marble Works, formerly located at 363 Guerrero street, San Francisco, announces the removal of its marble and slate finishing plants and offices to 209 Mississippi street at the corner of Mariposa. The new quarters will provide enlarged facilities which will enable the company to render an improved service.

F. W. Brown, Madera contractor, announces the organization of the R. W. Brown Construction Company which will maintain headquarters at Madera. The company is capitalized at $50,000 and has the following directors: R. W. Brown, Carrie L. Brown and Sherwood Green.

Gordon H Marchant is the president of the new foundry company A brother of R. C. Hoyt, E. S. Hoyt Jr., is vice-president and manager of the Hoyt Heater Company in the southern territory. This branch has just started the construction of a new $40,000 building in Los Angeles.

H. J. Quinn, for the last three years manager for the Pacific Mfg. Co. in Los Angeles, has severed his connection with that company, effective Feb. 1st, and announces the formation of the Hubert Quinn Millwork Co., Inc., with offices at 226-7 Marsh-Strong Bldg., Los Angeles.

The East Bay Granite Company, capitalized at $100,000, has filed articles of incorporation. The principal place of business is San Francisco. Directors of the company are: E. R. Solinsky, E. M. Washburne, E. A. Potter, C. R. Johnson and C. Bertheau.

The corner of High street and Tenth street is reserved for the Hoyt Heater Company. It is planned in the future to erect on this corner a new assembling plant for the company, using the foundry adjacent for the manufacture of heavy parts.

The Washington Brick and Lime Company of Spokane offers a prize of $50 in the department of architecture at the University of Washington to the sophomore, junior or senior student who submits the best design in terra cotta treatment.

The property has a frontage of 250 feet on High street, 400 feet on Forty-fifth avenue and 560 feet on Tenth St. On the center portion of this block, the Marchant Company will construct a new foundry 100 by 250 feet in size.

The stockholders of the Hoyt Company have also acquired a large interest in the Pacific Heating Company, manufacturers of Diablo radiators. These radiators will probably be manufactured in the future in the Marchant foundry

The Marchant Foundry will continue to engage in general foundry work, the additional work being cared for only as the new plant is completed.

17,000,000 AUTOS IN OPERATION

Seventeen million automobiles—passenger cars and trucks—were in operation in the world at the end of 1923, according to estimates of the United States Department of Commerce published in the recent issue of Motor Land, a magazine published by the California State Automobile Association.

The approximate number of cars and trucks in operation at the end of 1922 was 14,500,000; the total world production last year is estimated at close to 4,500,000. From the total thus reached, some 19,000,000 vehicles, are deducted 2,000,000 which are worn out and ready to be discarded or junked. The tremendous total of 17,000,000 passenger cars and trucks in operation in the entire world represents an increase of about 17 per cent over the number in use a year ago.

Motor Land estimates that 14,000,000, or over four-fifths of the total are in use in the United States, which lists approximately one car or truck to every eight persons. In the world the proportion is one car or truck to 112 persons.

STATE ENGINEER AND WATER RIGHTS ENGINEER TO RESIGN

State Engineer Wilbur F. McClure, it is reported, will resign from the state service on March 1, according to reports from Sacramento. Mr. McClure, however, refuses to talk on the matter. While the proposed resignation is still a matter "in the air" two prominent engineers are already seeking the position.

Lloyd Aldrich, construction engineer and Paul Bailey, deputy chief engineer under Mr. McClure in the Division of Engineering-Irrigation seek the position. Aldrich was the engineer in charge of the highway tests which attracted Nation-wide attention to California. The tests were conducted at Pittsburg, Contra Costa County. Bailey is a hydraulic engineer who served from 1916 to 1921 with the State Water Commission, and since 1921 has been deputy State Engineer.

Another change in the engineering force at Sacramento became known recently with the resignation of Major H. A. Kleugel, chief of the Division of Water Rights. He has held the position for the past two years.

The retirement of McClure and the resignation of Kleugel presages a general shake-up of the State's engineering personnel, according to the gossip.

EDWARD R. BACON SALES FORCE TO CONVENE

The fifth annual sales convention of the Edward R Bacon Co., manufacturers and distributors of road builders' and building construction equipment, will be held in San Francisco, February 6, 7, 8, 9.

W. H. Shoemaker, manager of the Los Angeles sales office, will attend with his entire sale aggregation. Sales departments from the Sacramento, Fresno and Oakland branches will also be in attendance. Several Eastern manufacturing concerns, it is said, have arranged to be represented at the convention which will be held in the new quarters recently opened by the Bacon interests at Folsom and Seventeenth streets.

A busy session, together with a program of enjoyment, has been outlined by Mr. Edward R. Bacon, president of the company.

The convention will close with a banquet in Harry Marquard's Cafe, Geary and Mason streets.

FOREST GROWTH EXTENSION IS URGED

The immediate aim of the forestry policy of the United States should be to increase as rapidly as possible the rate at which timber is produced on land suited to this form of use, the senate reforestation committee says in its report submitted to the senate.

The committee also advocated legislation to enable the president to incorporate in national forests unreserved public lands and portions of military, naval and other reservations. To encourage private reforestation, the committee recommended co-operation with the states in fire protection on a 50-50 basis of costs and also an adjustment of the methods of taxing forest growing lands so as to avoid an undue burden of current taxation while forests are growing.

The committee held that the main lines of attack in accomplishing this purpose should be:

To extend public forest ownership in areas where special public interests or responsibilities are involved, like the protection of navigable rivers and also where the natural difficulties, costs and hazards attending reforestation render it impracticable or remote as a private undertaking.

To remove the risks and handicaps from private timber growing as far as practicable, in order to give the greatest possible incentive to commercial reforestation.

Completion of the federal purchases of forest lands contemplated by the Weeks law for the protection of the watersheds of navigable streams also was recommended together with legislation authorizing acceptance, under certain circumstances, of grants or bequests of forest lands from private owners

STANDARD SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS

The main committee of the Canadian Engineering Standards Association, meeting in Ottawa, under the chairmanship of H. H. Vaughan, approved of the formation of a sub-committee to prepare specifications for steel structures for buildings, the members of which are being nominated by the Engineering Institute of Canada, the Royal Architectural Institute of Canada, the steel fabricating companies, and other bodies interested. It will be the duty of the sub-committee to prepare specifications similar in scope to the C. E. S. A. specifications for railway and highway bridges, but dealing with steel structures for buildings, and it is hoped that such specifications, if agreed upon by all concerned, may eventually be adopted by public and municipal bodies engaged in the formation of building codes in Canada. Arrangements are being made to provide for this sub-committee as full information as possible concerning the activities of the bodies now engaged in similar work in the United States.

FRENCH STEEL OUTPUT

Paris reports state that the French output of iron in November was 536,000 tons, and steel 492,000 tons, against 514,000 and 477,000 tons, respectively, on October. Number of furnaces in blast December 1 was 119, against 116 a month previous.

Production for 1923 will approximate 5,250,000 tons of iron and 4,900,000 tons of steel. These figures compared with 5,228,000 tons of iron in 1922 and 5,207,000 tons in 1913. Steel output in 1922 was 4,334,000 tons and in 1913, 4,687,000 tons. Present production represents about 52 per cent of capacity.

PROFESSOR ATTACKS UNION IRRESPONSIBILITY

At the annual dinner of the New York Railroad Club, held at the Commodore Hotel, New York City, recently, Dr. William Starr Myers, professor of politics at Princeton University, declared that there should be one standard of honesty for both capital and labor. He claimed that labor unions were really great labor trusts and should be made to assume legal responsibilities commensurate with their rights.

Expressing himself as favoring the existence of labor unions, he also advocated the open shop—not a "shop open to none but non-union men, but to union and non-union men without distinction." He advocated making the unions really democratic by breaking up the close corporations of union leaders who control policies and finances, and declared that if the unions did not reform themselves, it might be necessary for the government to step in and control their elections and their finances.

"Finally," he said, "there must be envolved by the unions themselves some means to reward the individual excellence of the worker."

SUIT FILED TO BLOCK PAVE CONTRACT PAYMENTS

Suit to restrain W. F. Hanrahan, Fresno contractor, from collecting more than $109,000 due from the city of Fresno for N street paving work, has been filed in the superior court at Fresno by J. A. Dowling, president of the Federal Construction Company.

Superior Judge J. E. Woolley recently decided suits brought by Dowling against T. A. Hanrahan, brother of the defendant in the last action, ordering that money due from Fresno county be paid Hanrahan, who in turn was required to pay all of the bills against the concern for material and labor.

It is claimed in Dowling's complaint that W. F. Hanrahan bid on the N St. work for the benefit of the construction company. A warrant was isued Hanrahan, it is claimed, authorizing him to collect $109,930.10. It is alleged the construction company demanded the money but was refused it.

The complaint charges that if Hanrahan makes the collection he will divert it to his own uses, making it impossible for the construction company to pay the charges for work done and materials.

STATE CEMENT PRODUCTION

All records of production and shipment of portland cement in California were broken by the output for 1923. The following figures show the production, shipments and stocks on hand for three years, as contained in a preliminary report of the U. S. Geological Survey:

Production in barrels for the past three years follow: 1923, 11,490,000 bbls.; 1922, 8,419,000 bbls.; 1921, 7,327,000 bbls.

Shipments in barrels, 1923, 11,394,000 bbls.; 1922, 8,682,000 bbls.; 1922, 7,129,000 bbls.

Stocks, as of December 31, 1923, 360,000 bbls.; 1922, 243,000 bbls.; 1921, 511,000 bbls.

Production in California for December, 1923, was 965,000 bbls., as compared with 700,000 bbls. in December, 1922, and 558,000 bbls in 1921. Shipments for the month totaled 889,000 bbls., as compared with 647,000 bbls. in December, 1922, and 491,000 bbls. in 1921.

Safety Guard To Prevent Highway Accidents is Prepared

The perfection of a successfully tested highway safety guard applying the principle of the aerial life net to prevent onbankment, bridge and curve accidents which cost the lives of hundreds of motorists annually was announced at the Chicago Good Roads show the week of Jan. 14.

The appliance, a ribbon of woven wire so fabricated as to absorb impact, is designed to replace wooden rails, stone walls and cables along highway "danger points." Placed on top of curves, cliffs and at bridge approaches and sides it stops skidding or speeding machines that hit it by the stretch of its fabric without destructive impact or the ordinarily serious danger to the car or injury to occuppants.

Tests of the guard demonstrated that it is impossible for a machine speeding as high as 45 miles an hour to break through it, according to W. T. Kyle, general manager of the Page Steel & Wire Co., who sponsored it. It was produced by the Page Co., as the result of two years of highway engineering experiments "in the interest of public safety" and is comparatively inexpensive, according to Mr. Kyle.

"Forty per cent of highway accidents and many of those in cities result from cars going over cliffs or bridge sides," said Kyle. "Highway engineers have for years been searching for a guard to replace wooden rails, which serve merely as a warning, and stone walls and cables which, if hit with any violence, break through, or wreck the machine because of the impact.

'(The Highway Guard was built under a method of fabricating wire, that would give a miximum of strength, elasticity and recoil It has been thoroughly tested under the Underwriters Laboratory bumper impact test, and also was rammed, as a supplimentary test, by automobiles.

"Machines hitting it at moderate speed were brought to a stop, the recoil pulling them back from danger. With the machine going at high speed, the meshes, giving similarly, 'wrapped' around the hood, allowing the blow to spend itself evenly on the wheels, bumper, etc. Even though a blow might displace a post, in such a case, the fastenings farther away hold and the car is held."

In comparative tests conducted before Connecticut State Highway Officials with 4,000 pound machines going 20 miles an hour the guard was only slightly affected. The cars were not damaged. Standard wooden railings hit at the same speed were totally wrecked and the cars going completely through them were badly damaged.

The guard can be installed in continuous length for any distance and if one section is caused to "sag" by a blow, that section can be replaced. Sections on either sides are not damaged. The guard is galvanized and painted white, making it easly visible at night. It is constructed of 24 inch wire link fabric. The mesh, formed by No. 9 wire, is square and is 1½ by 1½ inches.

Highway officials of three states who witnessed tests and demonstrations announced that they are writing it into their specifications, making it standard for use in their states as a "practical method of preventing incline accidents." The Ohio State Commission has ordered it installed immediately at a famous "death curve" at Columbus, and representatives of other state, as well as representatives of the U. S. Bureau of Public Roads, are arranging tests.

"The National Safety Council and other competent authorities estimate that the economic loss from traffic accidents for each 100,000 population in the U. S. totals $1,500,000" Kyle declared, "We believe that this problem is one that industries must solve practically for their own good, and this fact caused us to deviate from our usual activities and set aside a special fund that was used in 'Highway Guard' research."

CALIFORNIA HIGHWAYS

"California Highways," the official monthly publication of the California State Highway Commission is off the press. The issue contains fifteen pages of interesting comment on the policies of the commission and its activities. Contributors to the January issue include: Havrey M. Toy, chairman and W. F. Mixon, secretary of the commission and R. M. Morton, state highway engineer. A section of the publication is devoter to the activities of the various division engineers. The publication is edited by Frank B. Durkee, formerly of the Sacramento Bee reportial staff. It will prove of considerable interest to engineers and highway building contractors inasmuch as the editor welcomes contributions containing the ideas of both.

$200,000,000 REQUIRED TO COMPLETE STATE HIGHWAYS

New construction on the California highway system will be stopped July 1, according to an announcement of Harvey M. Toy, chairman of the State Highway Commission. By that time funds of the commission will be depicted. To meet this emergency Governor Richardson will shortly appoint a committee of nine to investigate the possibility of floating a bond issue large enough to permit the completion of the system that will require an expenditure of an additional $200,000,000.

LOS ANGELES SEEKS APPEAL ON BUILDING ZONES LAW

An appeal from a recent building zoning law decision handed down by the District Court of Appeals, holding the law invalid, has been filed by the city of Los Angeles with the California Supreme Court. The petition asking a review and a rehearing of the Appellate Court's decision contends that the city of Los Angeles is denied authority in the exercise of its police privileges and the power to meet the growing needs of the community. Though the District Court of Appeals ruled only upon one zoning law, attorneys for the city declare that the decision affects all zoning legislation enin the city.

NEW TENNIS COURT SURFACE IS EXPERIMENT

Experiments with sand clay as a surface for park tennis courts are being made by the city of Oakland. Such pavements are being placed in the Brookdale Gardens, Brookdale avenue and High street grounds. The material is not only 50 per cent cheaper in cost, but affords a playing surface which may always be kept at a perfect level, according to park department officials. If the experiment proves successful, all asphalt courts will be replaced with the sand clay.

A. G. C. In Annual Convention Adopts Important Resolutions

The following resolutions were adopted by the Associated General Contractors of America, at the fifth annual convention of the organization, held in Chicago, January 21-24:

Local Industrial Conditions

WHEREAS, at the Associated General Contractors convention held in Cleveland, resolution was passed to the effect that it was detrimental to the best interests of the public and that of the construction industry of America to have those organizations with nation wide activities introduce into any city or locality labor abuses and restrictions of another locality; and that it was to the best interest of the public and of the industry to have such organizations conform to and abide by the prevailing labor conditions and practices of any locality or city in which they might operate; and

WHEREAS, the Citizens Committee of Chicago has, to a large extent given voice and support to the idea which such resolution of the Associated General Contractors refers to, with the result that most of the vicious and detrimental practices of a few years ago which had made the construction industry in Chicago an intolerable reproach to the community and a detriment to the development of the city, have been eliminated and a period of industrial tranquility established, which if disturbed, will prove a menace to the industrial stability of the nation, and

WHEREAS, the chairman of the Citizens Committee of Chicago reports that in spite of the gains that have been made toward proper and tranquil relations with labor, it is a deplorable fact that certain concerns operating widely throughout the United States are now engaged in making deals with the discredited labor organizations and otherwise acting in a manner calculated to jeopardize the gains made by the Citizens Committee of Chicago and

WHEREAS, in view of this situation, it behooves the Associated General Contractors to take cognizance of these conditions and suggest such steps as will counteract the destructive effect of the action of any of the members who may be found guilty of disaffection; and

WHEREAS, the matter is of such vital importance to the public of Chicago and to the public of America and particularly to the construction industry that any arrangement between an owner, a contractor and labor organization cannot be regarded as a private affair, if dissatisfaction from the conditions established by the Citizens Committee of Chicago is to be involved; therefore

BE IT RESOLVED that the construction industry is in a measure only the servant of society in these matters, the custodians and operators of a great economic force, and unless they receive the support of the citizens in general and the bankers, owners and fiduciary institutions in particular in their resistance to the improper aggressions of unscrupulous labor leaders and members of our own industry, the industry has no choice but to pass to the public the ever increasing burden that these aggressions make; and

WHEREAS, the first test of any contractor should be his integrity, and the all important quality of his integrity is the measure of his fidelity to his principals and the clarity with which he supports his attitudes toward them;

BE IT RESOLVED that the deplorable opportunism which has in the past led some contractors to destroy the just labor conditions which have been built up locally by others, it is a matter that should receive sweeping condemnation of the Associated General Contractors;

BE IT FURTHER RESOLVED, that bankers, property owners and fiduciary institutions be informed by the Associated General Contractors in no uncertain terms of their own share of the responsibility of the matter here discussed.

Bond Agent Obligations

WHEREAS, Bond agents are writing bonds for contractors, who are obviously incapable of performing their contracts, or who have obviously demonstrated that they cannot be relied upon to carry out their obligations in good faith; and

WHEREAS, the bonding of these irresponsible contractors gives them an unwarranted credit rating, and in the eyes of the public, stamps them as responsible bidders; and

WHEREAS, once this false stamp of responsibility is given by the bonding company to an irresponsible bidder, the engineer or architect is often obliged by a misguided public opinion to award him the contract; and

WHEREAS, the ease with which the surety bond may be obtained by almost any agency designating itself as a general contractor, enables innumerable persons to embark upon extensive construction projects which they cannot carry through to successful completion.

WHEREAS, numerous defaults of these irresponsible companies who can obtain surety bond bring public censure upon the engineer, dissipate engineering funds, produce an inferior quality of workmanship and keep public construction in a demoralized condition; and

WHEREAS, these numerous defaults have greatly increased the rate of bond premiums, thereby adding to the cost of construction paid by the public, and

WHEREAS, operations of these injudiciously bonded bidders react injuriously upon those contractors who faithfully perform their obligations, create suspicion and distrust of all contractors and retard the development of companies that are willing and able to render satisfactory construction service; and

WHEREAS, the bonding of bidders unqualified by either experience, personal integrity, or financial soundness, to assume their contracts is preventing the development of constructive service, and the adoption of ethical practices which are essential to the establishment of construction as an orderly industry; therefore

BE IT RESOLVED, that the Associated General Contractors join with the American Association of Highway Officials and representatives of the surety companies for a complete and impartial analysis of the bonding situation, seeking to find a proper solution for the issues confronting both the bonding companies and contractors.

National Department of Public Works

WHEREAS, the present structure of the Federal Departments represents the unpruned growth of many years and is imperfectly adapted to present needs; and.

WHEREAS, definite recommendations have been made by both the late President Harding and President Coolidge emphasizing the need of a reorganization of public business, and a plan of general reorganization of departments is under consideration by a joint committee of Congress; and

WHEREAS, the Engineers and Architects, and related technical professions of the country have for many years advocated the establishment of a National Department of Public Works in which the matters relating to public works might be administered and co-ordnated; and

WHEREAS, the reconsideration of recent bills for the creation of a Department of Public Works was suspended in the interest of a general reorganization; and

WHEREAS, the establishment of a Department of Public Works would make it possible to place governmental engineering and architecture on plans reflecting the highest achievements in these professions, known to the world; and

WHEREAS, a co-ordinated functioning of all public works agencies would be able to stabilize business and employment by expanding public work when private industry and employment may be slack, and by reducing such work as far as practicable when private industry may be fully absorbing the available supply of men and materials; and

WHEREAS, the advance and co-ordinated planning of public works is sound economy in that it permits the government to execute less work at peak prices and more work at the lower prices prevailing during dull times; BE IT THEREFORE

RESOLVED, that the Associated General Contractors, heartily approves the movement for a reorganization of Federal Departments, and it particularly endorses grouping and co-ordinating within one department, preferably named a Department of Public Works, the construction and administration of all non-military public works.

Public Works by Day Labor

WHEREAS, there is manifest throughout the country a tendency among public officials to do public construction by the Day Labor Method, and

WHEREAS, this method of expending public funds is generally recognized as being economically unsound as a general practice, in that it provides no foundation of responsibility and offers no assurance that such work will be of proper quality and performed for the amount of money voted or appropriated therefor, and

WHEREAS, our construction history is full of notorious instances of the excessive cost of this construction method, and of its encouragement to inefficiency, incompetence and sinister political influence, and of a strong tendency towards socialism, and

WHEREAS, the constructors are especially fitted to interpret to the public this menace, and also lay upon us the responsibility of so doing; now therefore,

BE IT RESOLVED, that the Associated General Contractors urges its membership throughout the country to accept as a major duty a campaign of publicity to show the results of the Day Labor method of doing public construction and to enter upon a vigorous and persistent effort to secure legislation which will require public bodies to do public construction by the sound method of firm contracts guaranteeing completion at a fixed price.

Railway Legislation

WHEREAS, there appears to be some inclination on the part of Congress to alter the transportation act before sufficent time has lapsed to demonstrate the soundness or unsoundness of its provisions, therefore

BE IT RESOLVED BY THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA that we are of the opinion that any material changes in the Transportation Act at this time would be injurious to the efficiency of railway service and the prosperity of the country as a whole. We believe that the carriers have not yet had opportunity for a full and fair trial of the provisions of the Transportation Act, and therefore request our representatives in Congress to refrain from any changes in the law during the present session that would in any manner injure the credit of the railroads or deter them from their present program looking to intensive additions and betterments in the service. Also that copies of this resolution be for-

warded to the proper Government Officials.

Federal Contract Law

WHEREAS, there have been enacted from time to time certain laws covering the construction and the making of contracts for the United States Government work; and

WHEREAS, such laws are more or less in conflict with each other and have become obsolete; and

WHEREAS, the United States Government has officially established a bureau, known as the Inter-Departmental Board of Contracts and Adjustments, having for its purpose the simplifying and revision of such laws, in the interest of economy and for the elimination of inequitable provisions; now therefore,

BE IT RESOLVED, that the Associated General Contractors endorse the objects of this Bureau and request that the Board of Directors through its staff or through special or regular committees, confer with the Bureau and assist in every way possible toward the accomplishment of its purposes.

Highway for Motor Transport

WHEREAS, certain private transportation companies throughout the country are using the public highways for the purpose of transporting passengers and commodities without sharing with the community in which they operate, their proper proportion of the cost and maintenance of such highways, and

WHEREAS, it is manifestly inquitable to allow the use of those highways to common carriers, who are conducting such traffic for the purpose of gain on the same basis as that of farmers transporting their own produce, or vehicles operated for the pleasure or advantage of their owners; Now, Therefore:

BE IT RESOLVED, that the Associated General Contractors of America, recommend to its members that their efforts and influence be exerted to secure in their respective states such legislation as will tend to correct this inequity.

Real Estate Bonds

WHEREAS, The Associated General Contractors of America in convention assembled holds that the real estate bond, when surrounded and safeguarded by integrity and caution, is a sound basic security which merits the confidence of inventors

THEREFORE, BE IT RESOLVED, that members of the Association, and those to whom its influence extends, be urged to exert their influence in support of sound institutions which invest a reasonable part of their funds in the real estate bond; and

That the matter of real estate bonds, as a sound form of investment, be subject to investigation and report by the proper agency within the Association.

On Apprenticeship

WHEREAS, There is existing an ever increasing shortage of skilled building mechanics throughout the country; and

WHEREAS, No relief from this condition appears possible except by the development of proficient mechanics by the construction industry itself;

NOW THEREFORE BE IT RESOLVED, That the Associated General Contractors of America co-operate with the American Construction Council, educational institutions and local associations in the establishment of apprenticeships and in the actual training of apprentices.

Plans, Specifications and Bidding Information

WHEREAS, The difficulties of construction are greatly increased, and many disputes arise during the progress of the work, due to the fact that plans, specifications and bidding information have not been supplied in sufficient detail to clearly define the scope of the work:

NOW THEREFORE, BE IT RESOLVED, That the Associated General Contractors of America request the co-operation of engineering and architectural societies in correcting these conditions.

The Washington Lumber & Mill Work Co. has opened an office in the Merchants' National Bank Bldg., Los Angeles. The company also represents George M. Harty Lumber & Mfg. Co of Tacoma, Wash.

Lumbermen Elect Officers—1923 Reported Banner Year For Industry

During the last twelve months business was better and more prosperous than ever before, according to reports made by members of the West Coast Lumbermen's Association, who attended the annual meeting at Seattle, Jan. 25.

Ernest Dolge of Tacoma was elected president of the association; Ed. Verd of Seattle, Wash., vice-president; C. H. Watzek of Wauna, Ore., vice-president; James H. Prentice, Bellingham, treasurer, and Robert B. Allen, secretary-manager. In addition to the officers the new trustees named include: George Hackett, Vancouver, B. C.; E. A. Poyneer, Everett; P. F. Knight, Centralia; Torpe Babcock, Hoquiam; Fred A Hart, Raymond; W. W. Clark, Linnton, and A. C. Dixon, Eugene.

"Final production figures of 1923 will show that Western Oregon and Western Washington established a new manufacturing record with a cut of more than 925,000,000,000 feet; shipped its cut, furnished steady and remunerative employment; made about 6 per cent on its invested capital, and went into the new year with unsold stocks 73 per cent of normal," Secretary Allen reported to the millmen.

The lumber industry may look forward with confidence to increased business this year, Colonel E. G. Griggs of Tacoma and O. M. Clark of Portland informed the members. Both of the men returned from Japan recently.

"The Japanese we saw were optimistic and light-hearted," declared Colonel Griggs. "They were hustling. The impression we gained was that, though governmental action has been against the granting of a large budget proposed for the rebuilding of Tokyo, sentiment among the people in favor of this project remains strong. I believe that a start will be made on the creation of a new Tokyo and that the project will eventually be carried out.

"We found that there were immense quantities of lumber in Yokohama, much of it having been taken there before the earthquake. This quantity was put at 200,000,000 feet, with 100,000,000 feet more on the water bound for Japan.

"At present the transportation system around Tokyo and Yokohama is disorganized. When these difficulties are cleared, Japan will absorb large quantities of Pacific Coast lumber, in our opinion."

Transportation is the keystone of the modern industrial arch, especially on the Pacific Coast, declared John W. Gorby, assistant to the president of the National Transportation Institute, in his address before the lumbermen at a banquet.

"One person in every eight in this country derives his living, directly or indirectly, from some form of transportation," said Gorby.

"Perfect co-ordination of all our transportation equipment, highway, waterway and railway, is especially vital to the Pacific Coast, which must ship its surplus product to far distant markets."

McCLURE, STATE ENGINEER, DENIES RESIGNATION

W. F. McClure, chief of the State Division of Engineering and Irrigation, denies he contemplates resigning ,as was reported in the newspapers. Reports were to the effect that Mr. McClure would tender his resignation March 1.

"That is an error," McClure declared, in discussing the report.

"You have no intention of resigning?" he was asked.

"No, not at this time."

McClure has been at the head of water resources in the state for twelve years, and is now the oldest state employe in seniority who has continually held down an executive position.

It has been reported on several occasions during the past year that he wished to retire, but on every occasion the reports have been denied.

SACRAMENTO INTERESTS TO MINE SANDSTONE IN AMADOR

A company recently organized by Charles A. Bliss, former city commissioner of Sacramento, is planning to place on the market red and white sandstone from quarries at Ione, six miles west of Jackson and thirty miles east of Sacramento, in Amador County. The company will operate under the name of the Ione Quarries. It is reported the deposits contain sufficient rock to insure production over an almost unlimited period of years. The stone, it is said, is high grade and can be delivered in Sacramento and San Francisco for $1 per cubic yard. Machinery for the plant is in transit, according to W. Klein, manager-director of the company.

POWER DEVELOPMENT PLANNED

Officials of the Feather River Power Company, an adjunct of the Yuba River Power Company, on a recent visit to Marysville, announcer that 1924 development plans of the company provided for an expenditure of $10,000,000, the improvements being planned in Butte county above Oroville.

The construction of two power plants of 30,000 horsepower capacity, or a total of 328,000 kilowat hours, is included in the plans.

Three dams costing $2,000,000 will store water to operate the two plants.

The water to be stored behind the dams will be available for irrigation after passage through the plants. The water to be stored behind the three dams will measure 125,000 acre feet. The dams will be placed on Ament Creek and at Gold Lake. The resumption of hydraulic mining, the creation of electric power and the irrigation of lands are the purposes of the plans on both the Yuba and Feather Rivers.

LUMBER RATES REVISED

A revision of lumber rates from southeastern states to New England and eastern trunk line territory has been ordered by the Interstate Commerce Commission, effective June 10.

The southern lumber producers had asked for substantial general reductions, on the ground that competition from the Pacific Coast was becoming more serious.

"The force of the Pacific Coast competition which complaints encountered," the decision said, "appears to be due primarily to the substantial volume of the movement through the Panama Canal and to the difference in costs of production.

"We cannot require carriers to remeeting water competition, and we will not undertake to adjust rates from competing producing territory in order to equalize manufacturing costs."

Building News Section

APARTMENTS

Contract Awarded.
APARTMENTS Cost, $52,000
SAN FRANCISCO, E Guerrero 45 S 18th
Three-story and basement frame apt. house (18 2 & 3-room apts.)
Owner—Mr. and Mrs. H. Tillman, 445 Ellis St., Adair Apts.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Contractor — Emil Nelson, 55 Allston Way, San Francisco.

Figures To Be Taken Shortly.
APARTMENTS Cost, $235,000
SAN FRANCISCO, Van Ness Ave.
Six-story class B apt. house (12 6-room apartments.)
Owner—Withheld.
Architect—Wm. F. Gunnison & H. P. Merritt, 57 Post St., San Francisco.
Figures will be ready after the 1st of February.

Owner Taking Sub-Figures.
APARTMENTS Cost, $20,000
SAN FRANCISCO, SW Gough and Pine Streets.
Three-story and basement frame (20) apartments.
Owner—Anna Coffer, 2356 California St., San Francisco.
Mr. Coffer is taking sub-figures and plans may be seen at 2356 California St. or at the job.

Plans Being Prepared.
APARTMENTS Cost, $120,000
SAN FRANCISCO, S O'Farrell St. 137-6 E Leavenworth.
Six-story reinforced concrete apartment house (41 2 and 3-room apts.)
Owner—L. J. Neal and Harold Johnson, 180 Jessie St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Plans will be completed in about three weeks. Work will be done by days labor and sub-contracts.

Completing Plans.
APARTMENT Cost, $25,000
SAN FRANCISCO, Scott St. near Union.
Two-story and basement frame and stucco apt. 8 3-room apts.)
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.
Plans will be completed in about 2 weeks when sub-figures will be taken.

Completing Plans—To be Done by Day's Work.
APARTMENTS Cost, $50,000
SAN FRANCISCO. SE Bay and Franklin Streets.
Three-story and basement frame and stucco (12 3 and 4-room apts).
Owner—Strand & Strand, 4 Steiner St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Completing Plans — To be done by Day's Work.
APARTMENTS Cost, $50,000
SAN FRANCISCO. Octavia and Francisco Streets.
Three-story and basement frame and stucco apartment house (12 3 and 4-room apts.)
Owner—Strand & Strand, 4 Steiner St., San Francisco.
Architect — Baumann & Jose, 251 Kearny St., San Francisco.

Completing Plans.
APARTMENTS Cost, $15,000 and $10,000 respectively.
SAN FRANCISCO Twentieth Ave. and Geary St.
Two-story and basement frame and stucco apartments (4 3-room apts. and 2-story 8-room residence, tile roof.
Owner—I. Wilhur.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $25,000
SAN FRANCISCO—SE Bay and Franklin Streets.
Threestory and basement frame (12) apartments.
Owner—Strand & Smith, 4 Steiner St., San Francisco.

Plans Being Prepared—Figures To Be Taken In Two Weeks.
APT. HOUSE Cost, $35,000
EAST OAKLAND, Alameda Co., Cal., 27th Ave. & Foothill Blvd.
Two-story and basement frame store and apt. house. (4 stores and 12 3-room apts.)
Owner—Withheld.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.

Figures To Be Taken In Ten Days.
APARTMENTS Cost, $70,000
SAN FRANCISCO, E Jones St., bet. Sutter and Bush Sts.
Six-story and basement class A apartments (24 2-room apts.)
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

LOS ANGELES, Cal.—Stonehill Construction Co., 223 Stock Exchange Bldg will erect a 77-room 34-apt. bldg. at n.w. cor. of 42nd and Main Sts. for itself. Three-story 81x140 ft., frame and plas. constr., comp. rfg., pine trim, oak and pine fls., comp. baths, water htrs., gas rads., wall beds; $70,000.

LONG BEACH, L. A. Co., Cal—Joseph H. Roberts, 312 Marine Bank Bldg., has prepared preliminary drawings for a $300,000 10-story addition to the St. Regis, a class A apt. bldg., at 1030 E Ocean Blvd., Long Beach. Mr. Roberts prepared the plans for the existing bldg. Brick constr., stone trim, probably floating foundation.

ALHAMBRA, Cal.—See "Theatres," this issue.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. Fold-up-Dors, Ti-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-slipping flooring.—Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.
Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET
Sutter 5907 San Francisco

LOS ANGELES, Cal.—H. B. Schaumbaum, 3981 S Western Ave., is completing plans for a class C store and apartment bldg. to be erected at n.w. corner Western Ave. and Santa Barbara Ave. for the Agoure Estate, W. L. Blair Co., 3981 S Western Ave., in charge; it will contain 11 stores and 20 apartments. Brick walls, 3-story, 204x153 ft., comp. rfg., press. brick facing, struc. steel, cement, O. P. and hardw. fls., tiled baths and drainbds., wall beds, gas rads., aut. water htrs., pine trim, plate glass.

LOS ANGELES, Cal. — R. V. Jones, 634 S Western Ave., has prepared plans for a 4-story 106-rm., 48-apt. bldg. to be erected on the west side of Virgil Ave., bet. 6th St. and Wilshire Blvd. for M. Minty and Joe Jacuhwitz, 1040 S St. Andrews Pl. Dimensions 46x169 ft. brick walls, press. brick facing, comp. rfg., metal skylights, fire escapes, pine trim, oak and pine fls., tiled baths, wall beds, water htrs., gas rads., elevator; $80,000.

LOS ANGELES, Cal.—Archt. Wm. H. Kraemer, 105 Wright Bldg 114 N Western Ave., has prepared plans for an 86-room, 60-apartment bldg., to be erected on Kingsley Drive near Melrose Ave., for Roy W. Clark, 305 N Western Ave. Three sto., 50x255 ft., frame and plas. construction, comp. rfg., pine trim, oak and pine flrs., wall beds, tiled baths, gas rads., water heaters; $95,000.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 330 Pac. Finance Bldg., have prepared preliminary plans for a community apartment house to be erected at s.w. cor. of Whitley and Franklin Aves. for Thos. A. McNamara. Five stories, 61 apartments, 100x185 ft. brick walls, stucco and cast stone exterior, comp. rfg., hardwood and pine trim and flrs., elevators, wall beds, tiled baths, steam htg.; $300,000.

EAGLE ROCK, L. A. Co., Cal.—Thos. Jewell has completed plans for a 3-story apt. house which he will erect on E Broadway, Eagle Rock Annex. Cost, $250,000. The bldg. will be 115 by 13 ft. and contain 40 single and double apts. Will Mercer and Wesley Marsh are the owners of the property.

LONG BEACH, L. A. Co., Cal.—H. E. Ketchum, 3522 Cota St. and 1304 E Ocean Blvd., Long Beach, has the contract to erect a $250,000 5-story 15-rm., 49-unit hollow tile apt. bldg. at 229 W 6th St., Long Beach, for Stanford C. Robertson, Leonard P. Wikoff & Harold E. Burkett, rm. 310, 546 Pine Ave., Long Beach, engr. and archt. Foundation 44x143 ft., comp. rf.

BONDS

HUNTINGTON PARK, Cal.—Election will be held in Huntington Park union high school dist. Feb. 29 to vote on $750,000 school bond issue to purchase site in Huntington Park and erect two high schools, one at Bell and the other at South Gate.

ANAHEIM, Cal.—The $150,000 high school bond issue failed to carry at the election Jan. 19.

SALINAS, Monterey Co., Cal. — City votes bonds of $40,000 to finance construction of grand stand and $10,000 for agricultural pavilion at Rodeo grounds.

EUREKA, Humboldt Co., Cal. — Bd. of Education votes to hold junior high school bond election in March and not Feb. 20 as proposed. Issue will provide $450,000 for a new junior high school, plans for which are being prepared by Architect J. J. Donovan, 1916 Broadway, Oakland.

SAN DIEGO, Cal.—The $1,250,000 school bond issue carried at the recent election. Included in the projects called for under the bond issue are a Junior High School at Loma Portal, a grammar school in the Burlingame district, and an auditorium at the Senior High School with a seating capacity of 3000.

OROVILLE, Butte Co., Cal.—Oroville school trustees will call election to vote bonds of $45,000 to finance erection of new school in Ora Vista district.

VENICE, L. A. Co., Cal.—An election will be held in the Venice city school district Feb. 16 to vote on a $275,000 school bond issue. Louis F. Klein, W. F. McConnell and Ardella B. Tibby, trustees.

CHURCHES

EUREKA, Humboldt Co., Cal.—First Presbyterian Church of Eureka is raising funds to finance construction of $60,000 edifice. Of total amount required $36,000 has been pledged. C. H. Elsner is chairman of building committee.

FACTORIES AND WAREHOUSES

Contract Awarded.
LOFT BLDG. Cost, $40,756
SAN FRANCISCO, S Mission bet. 8th & 9th Streets.
Three-story and basement reinforced concrete class B loft bldg. (all work except light fixture and elevator.)
Owner—F. J. Klenck, 311 Minna St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Contractor—L. Vannucci Bros., 16th & Church Streets.

Plans Being Prepared.
BAKERY BLDG. Cost, $50,000
SAN FRANCISCO. Cor. Howard and Washington Alley.
Two-story and basement reinforced concrete bakery building (4 ovens, oil burning equipment, etc.)
Owner—Twentieth Century Bakery Co.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.
Steel sash, wire glass, 4 bake ovens, oil burning equipment, etc.

LOS ANGELES, Cal.—C. A. Schweissinger, Jr., 625 Loomis St., has been awarded a contract at $105,500 for erecting a 5-story class A warehouse on New High St. between Temple St. and Sunset Blvd. for Brunswig Drug Co. T. Beverley Kelm, Jr., Haas Bldg., archt. Dimensions, 49x142 ft., reinf. conc. construction, stucco exterior, plate glass, comp. rfg., steel sash, metal skylights, hollow tile partitions, elevator.

MONTE VISTA, Cal.—West Ontario Citrus Assn. (R. K. Pitzer, pres.) plans to erect conc. packing plant costing $200,000.

SEATTLE, Wash. — Hans Pederson, Alaska Bldg., Seattle, at approx. $100,000 awarded contract by Henry Disston & Sons, Inc., 322 Occidental Ave., Seattle, to erect two-story concrete and heavy mill construction and brick loft building, 150 by 120 ft., at Fourth Ave., South and Massachusetts St. Austin & Co., L. C. Smith Bldg., Seattle, architects and engineers.

SPOKANE, Wash.—Home Sash and Manufacturing Co., C. P. Lange, secretary-manager, will start construction at once on 1st unit of $75,000 mill plant.

LOS ANGELES, Cal.—Lynch Constr. Co., 1117 Central Bldg., will be awarded the contract to erect a 2-story class A addition to 1-story warehouse at 6th and Clarence Sts., for the Union Pacific Ry. Co. Dimensions, 100x400 ft., reinf. conc. constr. steel sash, metal skylights. 4 automobile elevators; $85,000. Bldg. will be occupied by the Pacific Southwest Distributing Co.

ONTARIO, San Bernardino Co., Cal.—West Ontario Citrus Assn. is planning to erect a $200,000 packing house, according to announcement of Russell K. Pitzer, pres. The proposed plant will handle 1200 cars annually. William Hartley, mgr.

BURBANK, L. A. Co., Cal.—Austin Co. of California, 737 Bartlett Bldg., have completed plans and have the contract to erect a 1-story factory bldg on Olive Ave., Burbank, for the Clark-Turner Piston Co. Conc., brick and galv iron walls, 50x230 ft., wood roof trusses, cem. fls., steel sash, metal skylights comp. rfg., wire glass.

OAKLAND, Cal.—Aluminum Cooking Utensil Co., of New Kensington, Pennsylvania, with district offices in the Monadnock Bldg., San Francisco, will purchase site at 46th and Adeline Sts., Oakland, and will erect a part one and two story warehouse to contain approximately 60,000 sq. ft. E. T. Grove is district manager.

GARAGES

Plans Being Prepared.
BATTERY STATION. Cost, $15000
SACRAMENTO, Cal., I bet. 14th and 15th Sts.
One-story brick battery station.
Owner—Carl Lamus.
Architect—F. A. Foale, Ochsner Bldg., Sacramento, Cal.

Plans Being Figured.
GARAGE Cost, $—
OAKLAND, Broadway bet. Orchid and Brook.
One-story and basement class C reinforced concrete garage (concrete floor and basement, concrete or tile walls)
Owner—M. E. Roberts.
Architect—E. W. Cannon, Central Bank Bldg., Oakland.
Figures are being taken for a general contract.

Contract Awarded.
GARAGE Cost, $——
SAN FRANCISCO, Franklin near Jackson.
One-story reinforced concrete garage (private).
Owner—A. W. Wilson.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.
Contractor — Buschke & Brown, 185 Stevenson St., San Francisco.

Contract Awarded.
ALTERATIONS ETC. Cost, $12,500
SAN FRANCISCO, 721 Filbert St.
General alterations and repairs for garage.
Owner—Com'l Center Realty Co., 916 Kearny St. San Francisco.
Architect—M. J. Lyon, 916 Kearny St., San Francisco.
Contractor—Universal Constr. Co., 916 Kearny St., San Francisco.

PORTERVILLE, Tulare Co., Cal. — Postle Co., archts. and engrs., 631 Van Nuys Bldg., has completed plans for a service and filling station, to be erected at cor. of Putnam and 2nd Sts., Porterville, for C. H. Reed and H. L. Augustine of Porterville; it will have 3 stores, restaurant, offices and work room. Brick walls, plaster exter., tile and comp. rfg., steel beams and columns, metal skylights, cem. drives and walks, designed for future story. Owner is taking bids at Porterville.

LOS ANGELES, Cal.—Archts. Curlett & Beelman, 408 Union Bank Bldg., are preparing plans for an 8-story and basement class A garage bldg .to be erected at 814 S Grand Ave., for Walter Shortsleeve and assoc. Macdonald & Kahn, Loew State Bldg., will be the contractors. Dimensions, 60x160 ft., reinforced concrete constr., press. brick and cast stone facing, plate glass, steel sash, comp. rfg., metal sklygihts; 1 passenger elevator, 2 freight elevators, 2 shops on main floor; cost $250,000.

REDDING, Shasta Co., Cal.—W. E. S. Bewsher, 617 California St., has purchased entire block south of the Hotel Lorenz and will erect a one-story reinforced concrete garage, covering an area of 300 by 150 feet. Estimated cost including equipment, $100,000. Machine shop and tool room quarters will be housed on the mezzanine floor. Building will have three frontages, California, Placer and Sacramento sts.

GOVERNMENT WORK AND SUPPLIES

SAN DIEGO, Cal.—Robt. E. McKee, P. O. Box, 116, San Diego at $3461, time for completion 60 days, awarded contract by Bureau of Yards and Docks under Specification No. 4925, to construct scrub decks.

PEARL HARBOR, T. H.—Plans are being prepared by Bureau of Yards and Docks, Navy Department, Washington, D. C., to erect hospital building at Pearl Harbor. Construction is provided for under Specification No. 4946.

SAN PEDRO, Calif.—Plans are being prepared by Bureau of Yards and Docks, Navy Department, Washington, D. C. to recondition Russell Hall. Work is provided for under specification No. 4945.

WASHINGTON, D. C.—Until Feb. 6, 10.30 a. m., bids will be rec. by Generay Purchasing Officer, The Panama Canal, under Circular No. 2343, for fur. and del. Balboa (Pacific Port): 75 creosoted, yellow pine or Douglas fir, 75-ft. piles, not less than 12-in. dia. at butt and not less than 7-in. at tip. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

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Plaster Wall Board
(Patent applied for)
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CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

WASHINGTON, D. C.—Bids are being received by Bureau of Supply and Accounts, Navy Department, for fur. and del. supplies for Navy Yards, as follows, the date for opening bids as noted at close of each paragraph:

Schedule 1802, for Mare Island 2000 ft b.m. white oak, 22,000 ft. b.m. do and 4000 ft. b.m. do, Feb. 12.

Schedule 1805, for various eastern and western yards, maple, cedar, mahogany, etc., Feb. 12.

Schedule 1807, for various eastern and western yards, miscellaneous yellow and North Carolina pine, Bef. 12.

Schedule 1808, for San Diego, 148 file brushes; for Puget Sound, 300 do, February 12.

Schedule 1814, for Puget Sound, 3000 feet wire rope, Feb. 12.

Schedule 1815, for Puget Sound, 1 transformer, Feb. 12.

SAN FRANCISCO — Following bids rec. by U. S. Engineer Office 85 2nd St., for fur. one 10-ton traveling crane:

Culcan Iron Works, San Francisco, $792; 3 weeks.

Union Machine Works, Oakland, Calif., $699; 21 days.

Cyclops Iron Works, San Francisco, $1599; 30 days, 2% 10 days.

Sacto. Engineering and Machinery Works, Sacramento, Calif., $748, 21 days, 2% 10 days, accepted.

Moore Dry Dock Co., Oakland, Calif., $933, 28 days.

Golden State Miners Iron Works, San Francisco, $1032 and $1164; 12-20 days.

United Iron WorksCo., Oakland, Calif $889; 30 days.

OAKLAND, Cal. — An appropriation of $2,000,000 with which to erect a new federal building in Oakland, and authorization to sell the present postoffice site for not less than $1,000,000 are provided for in a bill introduced by representative MacLafferty. The measure, which was drafted by the treasury department and has the approval of both the treasury and postoffice departments, was offered as a substitute for the original bill introduced merely asking $2,000,000 appropriation.

HALLS AND SOCIETY BUILDINGS

Plans Being Figured—Bids Close February 18th.

LODGE BLDG. Cost, $100,000

WOODLAND, Yolo Co., Cal., Bush and College Sts.

Two-story reinforced concrete lodge building.

Owner—Elks Lodge.

Architect—W. H. Weeks, 369 Pine St., San Francisco.

Figures are being taken for a general contract with separate bids for the plumbing, heating and electrical work.

LOS ANGELES, Cal.—Archt. Edwin Bergstrom 1128 Citizens National Bank Bldg., is preparing preliminary plans for a 13-story and basement class A club bldg. to be erected in the downtown district for the Southern California Commercial Club, J. Ward Cohen, organizer. The site under construction will provide for a bldg 100x175 ft. It will be of reinforced concrete construction and will cost about $1,000,000.

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SAN BERNARDINO, San Bernardino Co., Cal.—Archt. B. M. Priteca, 915 Pantages Theatre Bldg., Seattle, wash., has prepared sketches for a 3-story class A lodge and theatre bldg. to be erected on 4th St., San Bernardino, for the San Bernardino Lodge No. 836 B. P. O. E. The first fl. will contain 10 stores, theatre to seat about 1400 people and large lobby, the upper stories will contain lodge rooms and dormitory and rooms for members. The theater will be leased to Alexander Pantages. It will probably be of conc. construction with plaster exter. The site is 212x300 ft.

SAN FRANCISCO—The Golden Gate Council No. 2507 and Mission Council No. 2519, Knights of Columbus, are planning to erect lodge buildings to cost $75,000 each. The site or architects have not been selected.

ELSINORE, Riverside Co., Cal.—Olas Erickson, Elsinore, was low bidder at $125,000 for a club house at Elsinore, for the Southern California Athletic and Country Club, Consolidated Bldg. The main bldg. will be 2-story with a frontage of 248 ft., with club rooms in first story and dormitory rooms in second story. Reinf. conc. and hollow tile constr., plas. exter., clay tile rfg., hardwd and pine fls., tile baths and fls., hardwd and pine trim, gas htg., basement, mantel, etc. Plans by the Engr. Service Corp., Washington Bldg.

SANTA ANA, Orange Co., Cal.—Architect H. Newton Thornton, 313 Hill Bldg., Santa Ana, is preparing plans and spec. for a 3-story brick Masonic bldg. for the Masonic Temple Assn. of this city; O. M. Robbins, secy. The lodge room, 74x29, will be on the second floor, while the third will contain dining room, 40x89 ft., etc. The women's dept., kitchens, etc., will be on the first floor. There will be four stores fronting on Fifth St. Financial plans are being worked out by the committee

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LONG BEACH, L. A. Co., Cal—Archts Piper, Kahrs, Dedrick & Bobbe, 441 1st St., Long Beach, are preparing plans for a $40,000 clubhouse to be erected about 11 miles southeast of Long Beach on the grounds of the Long Beach Country Club which is now being organized. Golf course, tennis courts.

LONG BEACH, L. A. Co., Cal.—D. M. Smith, pres. of the organizing Pacific Coast Athletic Club, Long Beach, announces that plans are being completed by the Milwaukee Bldg. Co, Wright-Callender Bldg., L. A., for a $750,000 club bldg. to be erected on E Ocean Blvd., Long Beach. When plans are ready competitive bids will be solicited

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LONG BEACH, L. A .Co., Cal.—C. T. McGrew & Sons,. 1345 W Ocean Blvd., Long Beach, have the contract to prepare plans and erect a $175,000 club bldg. at 2nd and Hermosa Sts., Long Beach, for the Ebell Club. Class A construction.

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LOS ANGELES

ELSINORE, Cal.—Wurster Construction Co., 746 Central Ave., have been awarded the contract to erect a club house, at Lake Elsinore, for the Southern California Country Club, Consolidated Bldg. The main bldg. will be 2-story with a frontage of 248 ft. with club rooms in first story and dormitory rooms in second story. Reinf. conc. and hollow tile walls, plaster exter., clay tile rfg., hardwd. and tile fls., pine fls., gas htg., basement, mantel, etc., cost, $130,000.

LOS ANGELES, Cal.—L. D. Sherer, 604 7th and Hill St. Bldg., has completed sketches for a class A club bldg. to be erected on Ventura Blvd. at Tampa Blvd. for Mountain View Country Club, Chas. H. Barnett, pres. P. C. Pickrell, secy.; it will contain about 400 rooms with club quarters, including dining room, lounges, reading room, kitchen, locker rm., etc. Reinforced conc. constr., 4-sto and basement, plaster exter., tile rfg., steam htg. sys, elec. elevators, etc.

HOSPITALS

EUREKA, Humboldt Co., Cal.—Until Feb. 13, bids will be rec. by Fred M. Kay, county clerk, to fur. and install an ice making and refrigerating plant in county hospital. Specifications and further information obtainable from clerk.

LOS ANGELES, L. A. Co., Cal.—Until 11 a. m., Feb. 11, bids will be rec. by county supervisors for equipment for new infirmary bldgs. at the County Farm, as follows: 4 Ideal Food Conveyors; 4 No. 65 Hospital tray trucks; 4 sterilizing hoppers; 200 institution hospital beds; 16 doz. white enamel bow back chairs; 4 22x6-in single faced panels. Spec. on file at the office of the board.

MONROVIA, L. A. Co., Cal.—Directors of the Monrovia Community Hospital have purchased a site on 6th Ave. bet. Foothill Blvd. and Orange Ave., 500x291 ft., and are organizing a campaign to erect a hospital bldg. costing betw. $50,000 and $100,000. C. W. Lee is mgr. of the campaign.

SAN RAFAEL, Marin Co., Cal.—An incorporation is being formed by Marin County business and professional men to erect a general hospital in San Rafael to cost $250,000. Dr. J. H. Kuser, secretary of the Marin County Medical Society is interested.

HOTELS

Segregated Figures Being Taken.

HOTEL Cost, $300,000

SAN FRANCISCO, SE Eddy and Jones.

Six-story and basement steel and reinforced concrete hotel.

Owner—A. Vayssie.

Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Figures are being taken as follows: general contract, plumbing, heating, electrical and painting.

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Commissioned To Prepare Plans.
HOTEL Cost, $—
WOODLAND, Yolo Co., Cay.
Four or 5-story reinforced concrete hotel (125 rooms, large lobby, stores, dining room & dance hall)
Owner—Woodland Hotel Co.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

MONROVIA, L. A. Co., Cal.—The local committee of the hotel project has opened campaign offices at 107 East Lemon Ave. with W. E. Keefe as general chairman. The contract involves a hotel bldg. costing $330,000, including grounds. A corporation is to be formed for the purpose of selling stock.

LOS ANGELES, Cal.—Archt. Leonard L. Jones, 603 Grosse Bldg., is preparing plans for a 4-story class C hotel, store and cafe bldg., to be erected at the cor. Los Angeles St. and Ferguson Way, for Tom Quinn and assoc.; it will contain 11 stores and lobby and cafe entrance on first floor, entire second floor will have cafe and private dining rooms and third and fourth floor will contain 40 hotel rooms with about 60 per cent elec. elevators, plate glass, steam htg. system, basement, cork tile fl. in cafe, hardwd. pine and cem. fls., pine and hardwood trim, tiled baths, metal lath; cost $175,000.

LOS ANGELES, Cal.—Archt. Chas. F. Whittlesey, 6533 Hollywood Blvd., has completed plans for a 10-story and basement class A store and hotel bldg. to be erected at n.e. cor. of 6th and San Pedro Streets for Sixth & San Pedro Hotel Co., 223 Merchants National Bank Bldg. Dimensions 100x145 ft., 630 rooms, reinf. conc. construction, plate glass, marble and tile work, steam htg., elevators; $750,000.

LOS ANGELES, Cal.—H. W. Bishop, Wilshire Blvd. and Fairfax Ave., has completed revised plans and is taking bids for a 3-story class D hotel bldg. to be erected at Carthay Center, Wilshire Blvd. and Fairfax Ave., for J. Harvey McCarthy Co., H. W. Hellman Bldg., It will contain 90 rms., 100 per cent baths, lobby, diningroom, kitchen, etc. Frame constr., plaster exter., 90x200 ft., comp. and tile rfg., basement, steam htg. sys., tiled baths, hardw. fls., pine and hardw. trim.

LONG BEACH, L. A. Co., Cal.—Stradley & Newton, Detwiler Bldg., L. A., will be the contractors for erecting a $1,250,000 5-story class A hotel bldg. on Ocean Blvd. bet. 19th and 20th Places, Long Beach, for the Long Beach Hotels Co., D. M. Linnard and assoc. lessees. Myron Hunt, H. C. Chambers, L. A., and W. Horace Austin, 521 Pac. Southwest Bldg., long Beach, archts. Found., 200x160 ft., 300 rooms, reinf. conc. constr.

SAN PEDRO, L. A. Co., Cal.—Archt. Noerenberg & Johnson, 401 L. A. Ry. Bldg., are preparing plans for a 6-story hotel bldg., to be erected at cor. 7th and Palos Verdes Sts., San Pedro, for Mr. Weldon and assoc; it will contain 210 rms and will have stores on ground floor. Reinf. conc. constr., 6-story and basement, comp. rfg., press. brick facing, terra cotta trim, steam htg. system, elec. elevators, plate glass, tiled baths, pine trim, hardwd., cem. and pine fls.; $500,000.

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CAPITOLA-BY-THE-SEA, Santa Cruz Co., Calif.—E. V. Woodhouse, former manager of the Hotel Capitola, has purchased the property and plans to expend $25,000 in remodeling the structure. A large number of private baths will be included in the improvements.

ICE AND COLD STORAGE PLANTS

EUREKA, Humboldt Co., Cal.—Until Feb. 19, bids will be rec. by Fred M. Kay, county clerk, to fur. and install and ice making and refrigerating plant in county hospital. Specifications and further information obtainable from clerk.

VISALIA, Tulare Co., Cal.—S. R. Greenfield, manager of the Acme Ice Cream Co., announces his firm is having plans prepared for a new plant to be erected in East Main street.

LANKERSHIM, Cal—Lankershim Ice Co. (Wm. F. Brown, Pres.) plans to add a 30-ton unit to the company's plant.

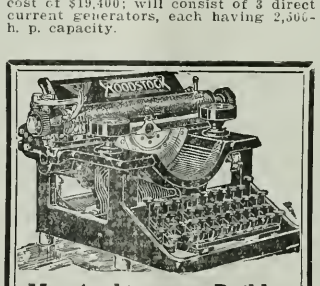
HANFORD, Kings Co., Cal.—Trewhitt-Shields Co., Rowell Bldg., Fresno, at approx. $20,000 awarded contract by Benham Ice Cream Co., 1420 H St., Fresno, to erect one-story brick 50x75 ft. ice cream plant in East Seventh street, Hanford. L. W. Wilson is general manager of Benham Company.

POWER PLANTS

Foundation and Piling Contract Awarded.
SUB-STATION Cost, $75,000
SAN FRANCISCO, Leidesdorff and Commercial Streets.
Four-story reinforced concrete electric sub-station.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—Eng. Dept. of Owner.
Piling and foundation awarded to Duncanson-Harrelson Co., Chronicle Bldg. at approx. $23,000.

BUTTE COUNTY, Calif. — Feather River Power Co., an adjuct of the Yuba River Power Co., announces $10,000,000 will be expended by company in 1924 for developments above Oroville, Butte county. Construction includes two power plants of 30,000 h.p. capacity and three dams costing $2,000,000. Dams will have a storage capacity of 125,000 acre feet and will be located on Ament Creek, Grizzily Creek and Gold Lake. Lars Jorgensen, Hobart bldg., San Francisco, engineer for Co.

SAN FRANCISCO—Pacific Gas & Electric Co., 445 Sutter St., will install additional equipment in substation in Jessie St., bet. 3rd and 4th Sts., at a cost of $19,400; will consist of 3 direct current generators, each having 2,500-h. p. capacity.



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LOS ANGELES, Cal. — Application has been made to U. S. Engineer Office by the dept. of public service of the city of Los Angeles to lay submarine cables at depths of 30 or 31 ft. at mean lower water in Los Angeles harbor, as follows: (a) three cables across (under) the entrance to the West Basin along the easterly side of Harbor Blvd., San Pedro, extending northerly; (b) two cables across (under) the main channel from a point on the pierhead line about 60 ft. westerly from U. S. Harbor Line Station 30 to a point on the pierhead line about 370 ft. southwesterly from U. S. Harbor Line Station 105; (c) four cables across (under) the main channel along the southerly side of Fifth St., San Pedro, extended easterly.

FRESNO, Fresno Co., Cal.—San Joaquin Light and Power Co., Fresno, has completed plans for new 600 K.V.A. outdoor sub-station at Kerckhoff power house near Auberry. A. Emory Wishon is general manager of the company.

SAN FRANCISCO — Joshua Hendy Iron Works, 75 Fremont St., at $26,728 awarded cont. by Board of Public Works to fur. and del. butterfly valves for Moccasin Creek Power Plant Hetch Hetchy project.

LOS ANGELES, Cal.—Until 3 p. m., Feb. 15, bids will be rec. by public service comm., 207 S Bdwy., for 790 ft. single conductor 1,000,000 c. m., 61 strnad black varnished cambric insulated braided cable. Spec. P-323-399. Jas. P. Vroman, secretary.

ANCHORAGE, Alaska — Citizens of Anchorage have subscribed $100,000 to finance construction of a hydro-electric power plant to cost $450,000. The plant will be located on the Ekultna. F. I. Reed, one of the promoters of the enterprise, is in Seattl esecuring data on water power developments in Washington state with a view to using the information in promoting the project.

PUBLIC BUILDINGS

SAN FRANCISCO—Elliott and Grant 180 Jessie St., at $6989 awarded contract by Board of Public Works for general alterations to O'Farrell street police station in O'Farrell St., bet. Divisadero and Broderick Sts.

J. E. O'Mara, 218 Clara St., at $2065 awarded plumbing contract on same project. Low bid for this work was submitted by E. Sugarman at $1900, the bid being declared void due to failure to make certified check accompanying bid payable to Board of Supervisors.

VALLEJO, Solano Co., Cal.—County Grand Jury, in annual report, recommends the construction of a branch county jail building in Vallejo. $28,765 being available for its construction. The Vallejo city council contemplates the erection of a new city hall and will probably enter into an agreement with the county to erect a larger building than originally planned in order to house the county jail quarters.

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LOS ANGELES, Cal.—Until 11 a. m., Feb. 18, bids will be received by the L. A. Board of Supervisors for constructing the conc. found. for the addition to the Museum of History, Art & Science at Exposition Park.

RESIDENCES

Plans Being Prepared.
RESIDENCE Cost, $—
OAKLAND, Lakeshore Highlands.
Two-story frame and stucco residence.
Owner—Withheld.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

Being Done By Day's Work.
ALTER ETC. Cost, $14,000
BELMONT, San Mateo Co., Cal.
Alter and add to frame residence (plaster, plumbing, heating, wiring, add 4 rooms, etc.)
Owner—Dr. H. C. Warren, 350 Post St., San Francisco.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.

Low Bidder.
SWIMMING POOL Cost, $15,243
PIEDMONT, Alameda Co., Cal. No. 101 King Street
Reinforced concrete swimming pool.
Owner—R. Stanley Dollar, Premises.
Architect—C. W. McCall, Central Bank Bldg., Oakland.
Low Bidder—Alfred Peterson, 3918 Linwood Ave., Oakland.

Contract Awarded.
DWELLING Cost, $13,000
BERKELEY, 2910 Barber St.
Two-story 6-room dwelling.
Owner—John Chandler.
Architect—H. Guthinson, 2924 Garber St., Berkeley.
Contractor—Fraunal & Bradhoff, 483 Crescent St., Berkeley.

Contract Awarded.
DWELLINGS Cost, $12,000 each
SAN FRANCISCO, SW & SE Borice and Urbano Drive.
Two 2-story and basement frame dwlgs
Owner — Urban Realty Imp. Co., 39 Montgomery St., San Francisco.
Contractor—Leonard & Holt, 39 Montgomery St., San Francisco.
The same company is building 3 2-story and basement frame dwellings on SW Ocean Ave. 182 232 & 282 NW Cedro. Cost, $7000 each.

Plans Being Figured.
RESIDENCE Cost, $12,000
OAKLAND, Longridge Road.
Two-story and basement frame and stucco residence.
Owner—A. F. Grassman, 217 2nd St., San Francisco.
Architect — W. E. Schirmer, Thayer Bldg., Oakland.

Contract Awarded.
ALTERATIONS Cost, $30,000 approx.
SAN FRANCISCO, Broadway & Baker No. 2999 Broadway.
Extensive alterations to residence.
Owner—I. C. Ackerman.
Architect — Weeks & Day, California Ins. Bldg., San Francisco.
Contractor—Jas. F. Conlan, 842 Guerrero St., S. F.

SAN FRANCISCO — See "Apartments," this issue.

Sub-Figures Being Taken.
RESIDENCE Cost, $11,000
SAN MATEO, San Mateo Co., Cal., 75 ft of Lot 258 Occidental Ave.
Frame residence and garage.
Owner—Sterling Inv. Co., Hearst Bldg. San Francisco.
Architect—Thos. E. J. Rogers, Phelan Bldg., San Francisco.
Plans are being prepared for another residence for the same owners to be erected in San Mateo.

Plans Being Figured.
RESIDENCE Cost, $18,000
SAN FRANCISCO, St. Francis Wood.
Two-story and basement frame, stucco and brick veneer residence.
Owner—H. S. Porter.
Architect — Jos. L. Stewart, Claus Spreckels Bldg., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $20,000
SAN FRANCISCO, St. Francis Wood.
Two-story and basement frame and staucco residence with tile roof.
Owner—Dr. Lloyd Bryan.
Architect — Jos. L. Stewart, Claus Spreckels Bldg., San Francisco.

BEVERLY HILLS, L. A. Co., Cal.—Archts. Johnson, Kaufman & Coate, Union Bank Bldg., 8th and Hill Sts., L. A., have prepared plans for a $60,000 2-story and basement, 56x104 ft. residence to be erected in Beverly Hills for Mrs. Oscar Lawler.

BEVERLY HILLS, L. A. Co., Cal.—W. E. Whalin, Oakland (local address, Box 275, Beverly Hills), is starting the erection of a 2-story, attic and basement 20-room residence at Beverly Hills for Geo. Lewis, manager of Shreve & Co., San Francisco. Albert Farr and J. F. Ward, Foxcroft Bldg., San Francisco, archts. Frame construction, brick veneer and stucco exterior, slate rfg., hardwood and pine trim, oak and pine flrs., tiled baths, unit gas htg., water htr., cost $65,000.

SCHOOLS

Contractors Taking Sub-Figures.
HIGH SCHOOL Cost, $375,000
SANTA ROSA, Sonoma Co., Cal.
Reinforced concrete and brick high school bldg.
Owner—Santa Rosa High School Dist.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Hannah Bros., 142 Sansome St., San Francisco.
Sub-figures are being taken for brick work, glass, sheet metal work, roofing, tile, terrazo and painting.

Plans Being Figured—Bids Close Feb. 18, 1924, 8:30 P. M.
SCHOOLS Cost, $100,000
SALINAS, Monterey Co., Cal. Maple and California Sts. and Central Ave. and Capitol St.
Two one-story concrete school buildings.
Owner—Salinas School District.
Architect—John J. Donovan and Davis-Heller-Pearce Co., Delta Bldg., Stockton, associated.
Bids are being taken for a general contract. Plans may be obtained from the architects' offices on a deposit of $25.
Note—See call for bids under "official Proposals," this issue.

Plans Being Prepared.
COLLEGE BLDGS. Cost, $—
ST. LOUIS, MO.
College buildings
Owner — Principia College (Christian Science College).
Architect — Bernard Maybeck, Lick Bldg., San Francisco.
The trustees of the college have taken an option on an estate of 50 acres containing a lake of 17 acres, situated five miles west of the present college. To this has been added a 63-acre tract of high, rolling ground adjoining to the west, and 25 acres to the east, suitable for an athletic field.

LOS ANGELES, Cal. — Salih Bros., Detwiler Bldg., were low bidders at $51,044 on the general contract for erecting a new school bldg. at Alexandria Ave. school site; Loy L. Smith, Byrne Bldg., archt. Two-story 11 rooms brick construction. Low bidders on other contracts were. G. C. Sutton on plumbing at $3491; Western Engineering & Construction Co. on heating at $4950, and American Electric Construction Co. on wiring at $1168.90. E. Drawbaugh and E. Rasmussen each bid $2,200 on painting, E. Drawburgh making the largest deduction on the alternate proposal.

SOUTH PASADENA, L. A. Co., Cal.—Archts. Hudson & Munsell, Douglas Bldg., are preparing plans for a new school bldg. to be erected in northeast section of South Pasadena. It will contain an auditorium, six class rooms and offices. Brick construction, plas. exterior, clay tile rfg., pine trim; $60,000.

FRESNO, Fresno Co., Cal. — Architects Swartz and Ryland, Rowell Bldg. Fresno, commissioned by Board of Education to prepare plans for proposed T. L. Heaton school; est. cost $40,000. Construction will be carried on under supervision of Trewhitt-Shields Co., Rowell Bldg., who will advertise fo rbids on all parts of the work.

LOS ANGELES, Cal.—Archts. Hudson & Munsell, Douglas Bldg., have completed plans for a new school bldg to be erected on Murchison St. near Alcazar St. It will contain 8 classrms, 2-story, brick construction, 98x60 ft., tile rfg., $60,000. The board of education will advertise for bids shortly.

LOS ANGELES, Cal.—Until 9 a. m., Feb. 15, bids will be received by the board of education for erecting a new gymnasium bldg. at Jefferson high school site, ne cor. 38th St. and Hooper Ave. Norman F. Marsh, archt. Bids will be taken separately on the general contract, plumbing, heating, painting and wiring. Plans may be obtained at secretary's office, 730 Security Bldg.

LOS ANGELES, Cal.—Until 9 a. m., Feb. 13, bids will be received by the Los Angeles board of education for erecting a new bldg. at Brooklyn Ave. school site, s.w. cor. of Brooklyn Ave. and Ocean View St. It will contain 12 rooms; 3-story, brick constr; $84,000. Bids will be taken separately on the general contract, plumbing, painting, wiring and heating.

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FILLMORE, Ventura Co., Cal.—B. D. Kronnick, 3623 S Park Ave. was awarded the general contract at $91,400 for erecting a new high school bldg. at Fillmore, Ventura county, for Fillmore union high school district; Norman F. Marsh, 211 Broadway Central Bldg., archt. The bid for concrete construction was $94,000 with deductions of $1200 for omitting mastic floors, and $1400 for omitting finist under the stage. Other contracts were awarded as follows: Plumbing and heating to J. C. Dunn, Fillmore, at $6069 and $5720 respectively; wiring to Phillips Electric Co. of Ventura; painting to Paul B. Johnston Co. at $2355; and program clocks to Pacific Electric Time Co. at $1435. Bldg. will contain 6 classrooms and an auditorium to seat 1200 people; reinf. conc. walls, plas. exterior, tile and comp. rfg., pine trim, gas htg. The bids were: General Contract — B. D. Kronnick, $94,000; Salih Bros., $57,219; Hastings & Yeakle, $112,967; John Cimpson & Co., $116,000; J. F. Kobler, $116,992; John I. Kane Co., $118,424. Plumbing—J. C. Dunn, $6698; Lohrman Bros., $6650; T. W. Eastman, $7491; G. C. Sutton, $7950. Heating—J. C. Dunn, $5800; Pacific Gas Radiator Co., $5449; Potter Radiator Corp., $5830; Hoagland-Lakin Co $6143; Pemberton Heating Co., $4582. Wiring—Phillips Electric Co., $7293; American Electric Construction Co., $7622; Electric Lighting Supply Co., $7560. Painting—Paul B. Johnston, $3785; Alhambra Wall Paper & Paint Co., $4540; E. Drawbaugh, $4575; Robert P. Tuttle Co., $4569; R. E. Swan, $4790; Arenz-Warren Co., $4632; Clunie & Dunkle, Santa Paula, $5500.

BANKS, STORES & OFFICES

Permit Applied For—Figures To Be Taken Next Week.
DANCE HALL & STORE $250,000
SAN FRANCISCO, SW Market and 9th Streets.
Four-story class B dance hall, office and store building.
Owner—Trowbridge & Perkins.
Architect—E. E. Young, 2002 California St., San Francisco.

Contract Awarded.
BUSINESS BLDG. ETC. Cost, $44,840
SACRAMENTO, Cal., 1209-15 3rd St.
Three-story brick and concrete business bldg. and dwelling.
Owner—Fong Toon, 312 I St., Sacramento.
Contractor—G. S. Harvie, 2212 T St., Sacramento.

Planned.
ALTERATIONS Cost, $——
SAN FRANCISCO. Sloat Boulevard.
Alterations to cafe, Tait's-at-the-Beach
Owner—Jacob Weissbein and Oscar Heyman & Bro.
This property has just changed hands and the new owners plan to improve the cafe for which John Tait recently renewed his lease.

Contract Awarded .
STORE BLDG. Cost, $9500
RICHMOND, Contra Costa Co., Cal. 6th St. and Nevin Ave.
One-story frame and stucco store bldg. (5 stores) tile roof.
Owner—A. Sabin.
Architect — Jas. T. Narbett, 910 Macdonald Ave., Richmond.
Contractor — Wallace Snellgrove, 160 18th St., Richmond.

Plans Being Prepared.
STORE & OFFICE Cost, $20,000
SAN FRANCISCO, N Market St. 45 W Van Ness Ave.
Two-story reinforced concrete store and office building.
Owner—Morrill Estate Co., W. G. McDiarmid, rep., 3210 22nd St., S. F.
Architect — W. H. Crim and H. Murdock, 425 Kearny St., San Francisco.

Contract Awarded.
STORE & LOFT Cost, $75,000
OAKLAND, Alameda Co., Cal W Franklin St. 84-3 S 15th St.
Four-story and basement class B store and loft bldg.
Owner—Wm. Cranston, Inc.
Architect—Schirmer-Bugbee Co., Thayer Bldg., San Francisco.
Contractor—Cahill Bros., Sharon Bldg. San Francisco.

Contract Awarded.
PUBLIC MARKET Cost, $20,000
SAN FRANCISCO, E Bartlett 36-10 N 22nd.
One-story and basement conc. public market.
Owner—R. J. O'Brien, 608 Alexander Bldg., San Francisco.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor—Kiernan & O'Brien, Alexander Bldg., San Francisco.

Plans Being Prepared.
REMODEL Cost, $10,000
SAN FRANCISCO, Grant Ave & Maiden Lane.
Remodel 3-story class C bldg. for store
Lessee — Mrs. Walsh, mgr. of A. G. Spaulding as "Towne & Country Shop"
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

MARTINEZ, Contra Costa Co., Cal.—Associated Oil Co., Mission and New Montgomery Sts., San Francisco. is having plans prepared for a $50,000 office building to be erected at the Avon refinery. Will be concrete construction, two stories in height.

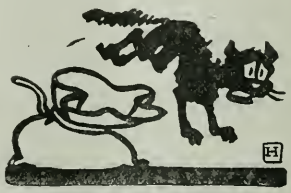
Contract Awarded.
ALTERATIONS Cost, $15,000
SAN FRANCISCO, NW Mission & 22nd Streets.
Install passenger elevator; rearrange stairs and interior partitions and install fire escapes for office and apartments.
Owner—R. J. O'Brien, 608 Alexander Bldg., San Francisco.
Architect — Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor—Kiernan & OB'rien, Alexander Bldg., San Francisco.

LONG BEACH, L. A. Co., Cal.—The Guarantee Title Co., L. W. Klinker, pres., 144 Locust Ave., Long Beach, has had plans prepared by E. C. McManus for a 5-story bank and office bldg. to be erected by segregated contracts at 115-121 Locust Ave., Long Beach, under the superintendence of J. E. Burney. The Long Beach Central Bank, Frank F. Merriam, pres., will occupy the ground floor. Found., 50x100 ft., reinf. conc. constr., 64 offices, glazed brick facing, marble entrance and lobby, elevator, safe deposit equipment.

Lodi, (San Joaquin Co.) Jan. 16, 1924.

F. A. Steigelmeier notified local officers yesterday that some one has been systematically stealing his stove wood for several weeks. He wants to know if he could be held responsible for damages provided he loaded several sticks of wood with powder so that the thief would have an explosion when burning the stolen wood.—Sacramento Bee.

ABOUT 45 years ago.
* * *
SOME OF Sandy Pratt's folks.
* * *
USED TO live at Acampo.
* * *
NOT FAR from Lodi.
* * *
AND A family.
* * *
WE'LL CALL them the Woodtakers.
* * *
HAD A lot of children.
* * *
BUT A lazy father.
* * *
WHO ONLY worked.
* * *
ON THE election boards.
* * *
AND SOMETIMES as a juror.
* * *
IN THOSE days.
* * *
THE SOUTHERN Pacific used wood.
* * *
BOUGHT FROM the farmers.
* * *
WHO WORKED hard all summer.
* * *
AND WHO delivered their wood.
* * *
ALONG SIDE the railroad tracks.
* * *
AND WHEN the Woodtakers.
* * *
NEEDED ANY fire wood.
* * *
THEY TOOK a stick here.
* * *
AND A stick there.
* * *
OFF THE piles of wood.
* * *
SO THE wood men.
* * *
PUT POWDER or dynamite.
* * *
IN THE top sticks.
* * *
AND THE next day.
* * *
AS MRS. Woodtaker.
* * *
WAS COOKING cabbage.
* * *
THE KITCHEN stove blew up.
* * *
PAPERED THE ceiling.
* * *
WITH COOKED cabbage.
* * *
AND RUINED the stove.
* * *
BUT THE wood pile.
* * *
WAS NEVER disturbed again.
* * *
SO YOU see, Mr. Steigelmeier.
* * *
HISTORY REPEATS itself.
* * *
AND SANDY Pratt, President.
* * *
OF THE Pratt Building Material Co.
* * *
PRODUCER OF sand and rock.
* * *
AT MARYSVILLE and Sacramento.
* * *
ALSO PRATTROCK, near Folsom.
* * *
BELIEVES THAT woman.
* * *
WILL AGAIN wear long hair.
* * *
ALSO BUSTLES.
* * *
AND HOOP skirts.
* * *
BECAUSE HISTORY does repeat.
* * *
"I THANK you."



Mr. Thos. Catt at the Woodtakers (not undertaker's) home at Acampo a way back in 1879, when a stick of wood filled with powder blew cooked cabbage and the cook stove through the roof. This was before Sandy Pratt of the Pratt Building Material Co. began to sell clean, sharp sand, rock and gravel.

PORTERVILLE, Tulare Co., Cal.—Southern California Edison Co., 306 W. Third St, Los Angeles, has purchased a 4-acre site at Grand and Bellview Aves., and will erect a one-story 89x 90 ft., concrete and brick office building in addition to laying out spur tracks connecting with the present warehouse quarters of the company. Ralph Wailbridge is Porterville manager of the company.

LONG BEACH, L. A. Co., Cal.—Archt. W. Horace Austin, 521 Pacific Southwest Bldg., Long Beach, has prepared preliminary drawings for a class A 8-story dept. store bldg. to be erected on a 99 year leased site at n.w. corner Pine Ave. and 4th St., Long Beach, for the Hugh A. Marti Co. Because of existing leases it will only be possible to erect 4 stores at present. Site 150x 150 ft. Existing leases run one year.

LONG BEACH, L. A. Co., Cal.—Llewellyn Iron Works, Los Angeles, has the contract at about $200,000 for the steel work in the 12-story class A bank and office bldg. to be erected at n.e. corner Pine Ave. and First St., Long Beach, for the Security Trust & Savings Bank. Curlett & Beelman, Los Angeles, archt; Wright & Gentry, Long Beach, assoc.

SAN BERNARDINO, San Bernardino Co., Cal.—Hellman Commercial Trust & Savings Bank, 6th and Main Sts., has purchased a controlling interest in the Farmers Exchange National Bank of San Bernardino, and contemplate erecting a new bank and office bldg. to house that institution, which will be operated as a branch of the Hellman bank. Negotiations are under way for a 99-year lease on the present site of the Farmers' Exchange National Bank, at 3rd and E Sts., San Bernardino, and if this is arranged the bldg. will be erected on this site. No archt. has been retained.

LOS ANGELES, Cal.—Barrett & Hilp, 918 Harrison St., San Francisco, and 906 Bank of Italy Bldg., L. A., have been awarded the general contract at approximately $285,000 for erecting a 5-story and basement class A mercantile bldg. on the east side of Broadway near Sixth St., adjoining the Story Bldg., for the Columbia Investment Co. Albert C. Martin, 228 Higgins Bldg., L. A., archt. The bldg will be occupied by Desmonds. Dimensions, 62x154 ft., steel frame constr., brick filler walls, reinf. conc. fls., terra cotta facing, plate glass, hardwd. trim, marble and tile work, elevators, steam htg.; total cost, $450,000.

THEATRES

VENICE, L. A. Co., Cal.—Venice Investment Co. and West Coast Theatres, Inc., have acquired by lease the entire Fraser holdings along the Ocean front and propose to expend immediately more than $1,000,000 for a 2000-seat theatre to replace the Dome, destroyed by the recent conflagration. The West coast Pier Co. is also said to be in the merger, and a general improvement program along the 300 ft. front extending from Marine St. to Pier Ave. is said to be planned by the combined interests.

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ALHAMBRA, L. A. Co., Cal.—Archt. John Walker Smart and his associate, T. M. Carson, have completed plans for the first unit of a proposed construction program of W. G. Kellow and Theodore Nagel, who have purchased property at Valley Blvd. and Garfield Ave. The proposed bldg. will be 2-sto. and contain stores & apts. A 1200-seat Egyptian theatre for the rear of this bldg., with entrances on both streets named, is also under consideration. It is said that a 25-year lease has been tentatively made with L. L. Bard interests. Livengood & Tucker are representing the owner in handling store and apt. leases.

WHARVES AND DOCKS

OAKLAND, Cal. — Howard Terminal Co., foot of Grove St., will expend $40,000 in dredging and improvement of docking facilities. C. P. Howard is president of the company.

AVALON, Cal.—Application has been made to U. S. Engineer Office by the Wilmington Transportation Co. for permission to extend seaward, a distance of 30 feet, the existing wharf at the foot of Metropole Ave., Avalon, Santa Catalina Island.

Contractors, Builders, Engineers, You Can Now Protect Your Checks right on the job if you have a
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The Steel Cutting Wheel on the end perforates and forces a red acid proof ink into the fibre of the paper, protecting the amount, payee's name date, number of check, and all kinds of negotiable papers.
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COUNTY and GENERAL AGENTS WANTED
SECURITY SALES CO.
253 MONTGOMERY STREET
San Francisco, Calif.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded.
UNDERTAKING PARLORS $17,316
SAN RAFAEL, Marin Co., Cal. E St. Two-story Class B undertaking parlor building.
Owner—F. E. Sawyer Co., 1004 4th St, San Rafael.
Architect & Mgr. of Constr. — Capt. H. Hearfield, Fairfax.
Contractor—E. R. McDougall, San Rafael.

SACRAMENTO, Cal. — California Transportation Co., Pier No. 3, San Francisco, plans early construction of a river steamer to ply the Sacramento river for freight and passenger service. Will be steel hulk construction. A. E. Anderson is president of the company.

SAN DIEGO, Cal.—Jack Prince announces he will construct a 1¼-mile wooden speedway in San Diego; est. cost $200,000.

ELKO, Nevada—See "Railroads," this issue.

LONG BEACH, Cal.—City Engr. R. D. Van Alstine preparing plans for high clearance bridge, more than one mile in length, over Long Beach harbor entrance channel, as a continuation of West Ocean Blvd. to connect with a 100-ft. blvd. extending the length of Terminal Island. The bridge will be a combined vehicular and pedestrian bridge costing $2,500,000, 40 ft. wide, with a clearance of 150 feet above high tide line.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from Domestic and Foreign Trade Bureau of the Chamber of Commerce, Merchants Exchange Bldg., San Francisco:

D-1024—San Jose, Calif. Gentleman would like to get in touch with reliable firm handling used lathes.

D-1026—Chicago, Ill. Sales Promoters desire to represent a proposition of merit as sales agents or distributors in the Middle West.

D-1029—New York, U. S. A. sales engineer with office in a well-known New York office building desires to represent in New York or Eastern states an established manufacturer.

D-1031—Detroit, Mich. Manufacturers of gas and oil fired furnaces for heat treating, is desirous of securing a high grade sales organization in San Francisco to act as their representatives.

D-1033 — San Francisco. Salesman with wide acquaintance among retail and wholesale trade in Washington, British Columbia and Canadian Northwest desires to form connections as sales representative with San Francisco firm before returning to the North.

D-1034—San Francisco. Party well established in Honolulu and covering all Hawaiian Islands desires to represent manufacturers, wholesale firms or importers. Can furnish bank and trade references.

D-1035—San Francisco. Sales executive desires line for exclusive handling in Northwest territory on commission basis.

D-1037 — New York. Company anxious to extend their sale of iron and steel products and railroad material and would like to get in touch with leading warehouse people and consumers of iron and steel products (contractors, boiler and tank manufacturers and other manufacturing concerns.)

(Continued on Page 24)

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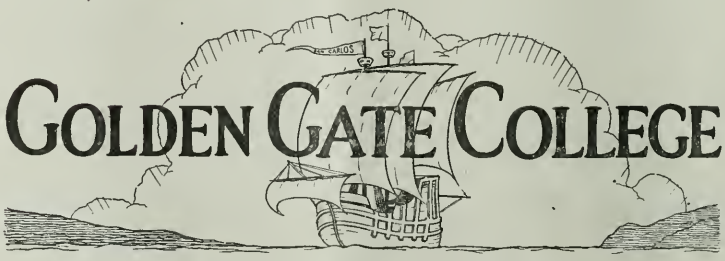

Young Mens Christian Association

220 GOLDEN GATE AVENUE Phone **FRANKLIN 461**

Leads for Business

MOTION PICTURES—West Coast Productions Co., Phelan Bldg. to Hearst Building.
PAINTS—Eclipse Pain & Mfg. Co., (E. B. Edgar) Clunie Bldg. to Rialto Building.
PHYSICIANS—Dr. Olav Kaarbee, 1195 Bush to 860 Hyde.
POWDERED MILK PLANT — Tulare Co-Operative Creamery Assn. and Riverdale Co-Operative Creamery Assn. to erect $75,000 powdered milk plant at Tulare.
PUBLISHERS—Kerrigan News Agency Hearst Bldg. to 681 Market.
SCHOOLS—Archt. W. H. Weeks (369 Pine), taking bids $200,000 school building for Merced Union High School at Livingston and for $50,000 science building for Taft Union High School at Taft.
SHOOTING GALLERIES — California Hall Assn. installing $1600 shooting gallery in California Hall, Turk and Polk.
TRANSPORTATION — California Auto Tours Co., 850 Ellis to 975 Geary.
WOOD CARVING—F. M. Lorenz (wood carving), 2606 18th to 141 Valencia.
MISCELLANEOUS — Belcano Shop, (Beth Brackett), 177 Post to Chronicle Building.
LEASES—Dec. 24, 1923—Lesser Realty & Investment Co. to Sam Windreich —Mission bet. 22nd and 23rd Sts. No. 2631 Mission St., 58 months, $26,200.
Dec. 1, 1923—R. X. Ryan to Ada Hossman and Henry Hossman—608 Geary St., 5 years, $7500.

Dec. 31, 1923—Louis and Goldie D. Marsh to Morris Marks, A. Scatena and A. Marina—E Divisadero bet. McAllister and Fulton, No. 850 Divisadero St., 5 years, $3900.

Dec. 4, 1923—Stephen and Frances Bettoli to Mrs. Edela Rena—1214 Jackson St. 2 years, $65 per month.
Dec. 15, 1923—Jack Pinsler to Harry and Ernestine Krueger—NE Gough and Market, No. 1600 Market St., 87 months, $20,070.

ACCOUNTANTS — C. D. Stevens and Price (income tax specialists), 1671 O'Farrell.
APARTMENTS — Powell Apts. ready soon about 320 Eddy.
Archts. Baumann & Jose to take figures on $150,000 apartment building NE Hyde and O'Farrell and $100,000 apartment adjoining on N O'Farrell 60 S Hyde.
ARMY GOODS—S. Grossman, 512 Kearny street.
ATTORNEYS—T. H. Bartow, 105 Montgomery.
T. M. Monell, 465 California to 220 Montgomery.
AUTOMOTIVE — Page's New Garage, 650 Valencia.
La Follette Motor Car Agency, 1849 Van Ness Ave.
BUILDING MATERIALS — American Building Supply Co., 369 Pine to 681 Market.
CANDY — Frankenberg & Holmes, 160 Ellis.
CIGARS—E. Slaney, 503 Jones.
CLEANING & DYEING—D. Wisler, 103 Pierce.
CLOTHING — J. J. Davis, 247 to 208 O'Farrell.
CONVENTIONS—January 293-1 Diocesan Convention of the Episcopal Church, Rev. H. S. Hanson, Sec., 1215 Sacramento.
CROCKERY — J. S. Colburn, 2706 to 4440 Mission.
DRAYAGE—Cowdon Transfer Co., 1147 Silver.
EMPLOYMENT AGENCIES — Bookkeepers and Stenographers Exchange (Miss Doyle), 315 to 105 Montgomery.
FURNITURE—Co-operative Furniture Co. (Leon Beck), 2142 15th.
GROCERS—A. R. Valente, 1600 Lombard.
HOTELS—Hotel Vogue (formerly Hotel Alexandria), to reopen NW Bush and Jones soon.
IMPORTERS—India American Trading Co., 25 California
INSURANCE—Benj. Stern Co., 435 California to 142 Sansome.
MFRS. AGENTS—Wm. A. Kinsey, (Dello Ink Co.) 183 Tehama.

MARKETS — Divisadero Free Market, 1364 Divisadero.
MILLINERY—Los Angeles Hat Co. (D. Goldsmith), Commercial Bldg.
NATATORIUM—Archt. P. Righetti (12 Geary), has plans $125,000 natatorium, Lombard and Taylor.
PHYSICIANS—Dr. E. P. Driscoll, to 870 Market.
PUBLISHERS — Schattgen Publishing Co., 1026 Market.
REAL ESTATE — M. Breitman, 109 Montgomery to 41 Sutter.
RESTAURANT — Waldorf Grill, 130 Jones.
SHIRTS — Brennans Shirt Repair Co., 948 Market.
TAILORS—Dubos Inc., 108 Kearny to 928 Market.
WASHING MACHINES — Crescent Washing Machine Co. 53 Shakespeare
MISCELLANEOUS—Dr. J. P. de River, 870 Market.
F. L. Tomlinson Co., 821 Market.
LEASES—Dec. 31, 23—F A Rogers to A H and Helen Silverstone—1626 Anza St 2 yrs $70 per mo.
ADVERTISING—Printers Ink Publish Co., M. C. Mogonsen & Co., Inc. and John Rudd Co, Hearst Bldg. to 56b Market.
ARCHITECTS—B. Hedstrom, 215 Market.
ATTORNEYS—Mason & Locks (and League of California Municipalities), 821 to 56b Market.
AUTOMOTIVE—Brooks & Torello (Stearns Auto Part & Repairing Co.) 1299 Bush to 1417 Van Ness Ave.
Biflex Bumper Corp., 2701 16th.
BANKS—Archt. M. G. West (285 Market), preparing plans $20,000 alterations and additions Santa Cruz County National Bank, Santa Cruz.
BROKERS—N. C. Turney, 321 Bush to 681 Market.
CANDY—Quality Pan Confectioners, 490 Pacific.
CLEANING AND DYEING — Sanitary Cleaning & Dyeing Co. to 1162 Market.
CONTRACTORS — Everding & Baker, (roofers), 1311 7th Ave.
CONVENTIONS—February 8-9—Building Owners & Managers Assn. Pacific Coast Conference, Chas. W. Smith, Sec., 68 Post.
Febhuary 16-23—Pacific Auto Show, G. A. Wahlgreen, Mgr., 215 Humboldt Bank Bldg.
DENTISTS—Dr. C H. Flagg, (135 Stockton), 4356 Mission.
DRAYAGE—W. L. Dougherty, 872 Mission to 285 4th.
FINANCE—Central Counties Finance Co., (commercial), and Mercantile Acceptance Corp, Aetna Bldg.
FOOD PRODUCTS—T. A. Snider Preserver Co., 112 Market.
GROCERS—Thomas Darcy, 2300 Geary. W. M. Lynch, 4342 3rd.
IMPORTERS—Lovell & Christman, (A. L. Ipswitch), 112 Market.
LADIES' APPAREL—Grunman & Kaufman, (waists), 133 Kearny to 40 1st.
LUMBER—Anacortes Lumber & Box Co., (R. A. Macon), 112 Market
MACHINERY—E. W. Roth, (bakery), 1047 Mission.
MFRS. AGENTS—McKay Mfg Co. Inc., Chronicle Bldg., to Alaska Commercial Bldg.
MASSAGE—Mrs. Mildred Clark, 1657 to 1641 Geary
OIL — Vernard Maxam and D. R. Getchell, (Pacific Oil Lands Co. and Lobitos Oil Co), 983 Market.
REAL ESTATE—Freedman Masters & Salisbury, 110 Sutter.
RESTAURTNTS—Christy's Restaurant, 1216 Fillmore.
Quaker Maid Lunch, 533 Geary.
Ira W. Coburn, 712 Hearst Bldg., awarded contract $30,000 restaurant and apartment building, Geary and Laguna.
STATIONERS—Jeffers & Tefs, 720 Harrison.
TAILOR—Imperial Tailoring Co., (A. Marcus), 3314 Mission to 309 8th Ave.

MISCELLANEOUS—J. G. Wilson Corp., Call Bldg.
C. H. Petersen, Chronicle Bldg
Ludwig Incinerator, 636 Jessie.
LEASES—Jan. 15, 1924—Strand & Strand to J. L. Whitmever—Apt. No. 5 NE Cor. 12th Ave. anw California, 1 year $960.
Oct. 1, 1924—V. W. Sloan to F. L. Warne—1030 Larkin St, 4 years, 3 montts, $22,950
Jan. 14, 1924—A. M. Peters Invst. Co. to John Marsh—N Grove 137-6 W Divisadero W 50xN 175 WA 513 known as 1356 and 1366 Grove St., 12 year, $25,200.
Jan. 10, 1924—Antonio and Delfina Laiolo to Louis and Sophia Lompre—E Leavenworth 87-6 N Turk N alg E Leavenworth 50xE 87-6 50v 256 7 years, $84,000.

APARTMENTS—Architect E. E. Young (2002 California), to take bids for $90,000 thirty apartment building, N Eddy 62 E Hyde.
C. J. U. Koenig, (520 Church), to construct $16,000 eight apartment building, SW Franklin and Lombard.

ARCH SUPPORTS—Bruno Jeschke, 169 Valencia.
ATTORNEYS—E. H Andrews & West, Chronicle Bldg.
P. S. Mathews, 220 Montgomery.
Ezra Shapeero, 485 California to 68 Post.
AUTOMOTIVE — Eisemann Magneto Service Shop, 804 Polk.
Auto Parking space to be made rear State Bu lding, cost of $25,000.
BARBERS — Therro Fterroes buying 407 Kearny.
BEAUTY PARLORS—Marie Washbu.n, 177 Post.
BOXES—M. Kruger & Co., (650 Brannan), leased SW Howard and 7th.
BROKERS—M. W. Park & Co., 112 Market to 354 Pine.
CLEANING AND DYEING—M. Fisher, 3068 24th.
DECORATORS—J. H. Devert Inc., 511 7th.
DELICATESSEN—J. E. Hughes buying 2916 24th, Jan. 29.
DRAYAGE — E. E. Express Co., 1799 Mission.
ENGINEERS—Swan & Webber, (saw mill), 582 Market.
FURNITURE — John Breuner Co. to build $103,000 addition to store in Oakland.
GROCERS—Municipal Grocery, (Thos. Darcy), 2300 Geary.
HOTELS—Architect Geo. E. McCrea, (369 Pine), preparing plans for hotel building, Garberville.
ICE PLANT—Wm. J. Kerth, 1401 43rd Sacramento, plans to erect ice plant
LEASES—Lucien La Coste leased 144 Eddy.
Jos. Terzovich and John Phillips leased 198 8th.
MFRS. AGENTS—M. L. Mourfield, 69 Post.
MARKETS—Park Presidio Market, 317 Clement.
TEXTILE—H. F. Hutchings, (woolens), Baldwin Bldg.
TOWEL SUPPLY—Coat & Towel Delivery Co., 1203 Turk.
MISCELLANEOUS — Lorraine Pacific Co., 901 O'Farrell.
Davis Mfg. Co., (E. N. Davis), 1753 Washington.
E. K. Company, 1611 Laguna.
Walsh & O'Connor, 315 to 345 Montgomery.
Trident Co. (Wm. L. Harris), 1637 Larkin.
John R. Hansen Co., Inc., 324 Drumm.
McDonald Mfg. Co., 16th and Utah.
E. C. Voorheis, 785 Market.
F Klonek, (41 Minna), to build $56,000 three-story lofts, S Mission 155 E Ninth.
Santa Rosa plans $165,000 sewer disposal system.
AUTOMOTIVE—Rowe Mfg. Co. (transmissions and truck extension frames for Fords) factory 33 Dolores.
Barrett Auto Body Corp. planning plant 16th and Florida.
BROKERS—Sussman & Irving Co., formerly L I Sussman & Co, 112 Market.
CASTINGS—U. S. Engineer, 85 2nd to buy nickle, babbitt and bronze bronze castings.
CEMENT — San Joaquin Valley Portland Cement Co., (G. F. Hamburg, S. A. Parker, Crocker Bldg.) plan $1,000,000 cement plant at Three Rivers north of Exeter.
CHEMICAL PRODUCTS — Bristol-Myers Co., 609 Mission to 543 Howard.

CLUBS — Women's Club, Exeter, to build $15,000 club house.
DEPT. STORES—Plans are being prepared for $200,000 department store bldg. for Chas. P. Nathan & Sons Co. Sacramento.
ELECTRICAL — City Clerk, Pacific Grove, to buy galvanized conduit.
FIRE EQUIPMENT—J. A. Bosse, Sec. Pismo Beach Chamber of Commerce is in market for two chemical engines on trucks and a fire siren.
GROCERS — Kirwan & Scott, 1398 to 1377 Haight.
INSURANCE—S. C. Guglielmino, 821 Market to 240 Montgomery.
LADIES' APPAREL — Bessie Harp Dress Shop, 786 Bush to 484 Geary.
LIBRARIES—Library Building, $22,000 to be erected in Berkeley.
MILLINERY — De Sio Millinery, 219 Jones.
OIL—Indian Refining Co. (216 Pine) constructing oil terminal, 17th and Missouri.
POST OFFICE—Contract for erection $400,000 Post Office Bldg., Embarcadero and Washington, awarded to MacDonald & Kahn, 130 Montgomery
RADIO—Marconi Wireless Tel. Co., 433 to 300 California.
TAILORS—B. Goldblatt, 561 Geary.
ADDRESS WANTED — McKall Paine Veneer Co.
Pacific Coast Construction Co.
Metropolis Chain of Stores.
Goodfellow & Alter Co., mfrs. Dippit Silver Polish.
Sem-Row Paint Removing.
LEASE—Jan 21, 1924 — Condace Robb to Sergeant V Fear—945 Golden Gate ave Jefferson Park Apts. 10 years $78,000.
ARCHITECTS—E. M. Sharpe, 60 Sansome.
Wm H. Cobhardt, 110 Sutter.
ATTORNEYS — H. N. Price, 220 Montgomery.
C. R. Lyona, 662 Washington.
D. Peters, 220 Montgomery.
AUTOMOTIVE—Ramensperger Bros. & Knoph (W. A., H. W., and U. P. Ramensperger, J. F. Schlothan, H. T. Knoph), merger of Knoph & Remensperger, 2nd Ave. and Geary, Remensperger Motor Co., 1375 Golden Gate and F. A. Cohn Co., all to 601 Valencia.
A. N. Enderlin succeeding Shain Bros. alto machine shop and garage, 2008 Folsom.
Rodger Tehan buying Justice Garage 646-656 Clay.
BARBERS—Progress Shop, 312 Valencia.
BEAUTY PARLORS — West Portaly Beauty Parlors, 286 Claremont.
CANDY—John A. Stahl, 2606 Sutter.

CHINESE MDSE.—Hong Yuen Co., 814 Stockton.
CLOTHING — Schmidt & Karp, 154 Sutter.
CONTRACTORS—Toluboff & Pestrovo, 681 Market.
L. R. Holm Co., 35 Montgomery.
DELICATESSEN — Snow White Co., 5847 Geary.
ENGINEERS—H. T. Hamilton and H C. Carlisle (mining), 315 Montgomery
ENGINES—Hicks Engine Works, Foot Taylor St.
GEOLOGISTS — John B. Kerr, 593 Market.
ICE PLANTS—County Clerk, Eureka, buying ice and refrigeration equipment.
NOTARIES—Wm. E. Schoret, (Hearst Bldg.), branch 24 Oak.
NOVELTIES—Chatros Novelty Co, (R. W. Chatham, Jos. Rosberg), 1171 Market.
OPTOMETRISTS—B. L. Babow, 948 Market.
PAINTING—Magic Auto Painting Co., 453 Grove.
REAL ESTATE—Isaac Sax, 564 Market Matthews & Taggart, Hewes Bldg.
H. F. Morrison, Weews Bldg.
RESTAURANTS—W. A. Williams buying Tip Top Restaurant, 202 3rd.
R. & E Dairy Lunch, 100 Market.
Federal Restaurant, 808 Pacific.
SCHOOLS — School of Machine Bookkeeping, 593 Market.
S F. Theatre School, Hewes Bldg.
SHOES—Sonoma Shoe Renewing Co., (W. E McTiernan), 2915 16th.
STUDIOS—Ferris Hartman, 358 Sutter.
TRANSPORTATION — National Railways of Mexico, 507 Montgomery.
MISCELLANEOUS — Adler & Felser, 1744 Haight.
LEASES—Jan. —, 24—Mabel M Wells to Mrs A Vannucchi—2659 Sacramento St descd S Sacramento 154-7 E Pierce E alg Sacramento 25-10 x S 120 W A 390 6 mos $50 per mo.
Jan 7, 24—Glenn W Miller to Ernest Forbes, F F Ford and Ernest K Little—Property out of county.
Nov 16, 23—Margaret Murray to Evangelos D Speron—W Divisadero bet Sutter & Post No 1649 Divisadero St 1 mo $2580.
Oct 4, 23—Elizabeth Haase to Patrick M Farrell and Thomas J Kyne —NW cor Mason & Turk with frontage on Mason 42 & on Turk 57 Nos 2, 6, 8 & 12 Turk St & 1 Mason St 10 yrs $219,000.
June 19, 23—John de Mattei to Frank Filippi—2780 San Bruno Ave 5 yrs $6000.
ASSIGNMENT OF LEASE—A B Auslen to John Cavallero—SW Clay & Fillmore S 60-8½ x W 118-9.

MEDUSA
WHITE CEMENT

LOW PRICES
FRESH STOCK

Pacific Materials Co.
525 Market Street San Francisco

December 28th, 1923.

Crowe Glass Company,
1055 Post Street.,
San Francisco, California.

Gentlemen:-

Accept my sincere thanks for your kind holiday greetings.

The theme co-operation is particularly well chosen, but I must decline to take much credit upon myself and would be particularly remiss if I did not commend you upon the way the Spring Valley Water Company office building was enclosed from the second to the seventh floors after the order was given to proceed. Likewise, the ready response and the efficient results when other portions of the work were ordered, made co-operation with your firm one of the most pleasant in my experience as Supervising Engineer of Construction of Spring Valley office building in 1923. With labor conditions as they were during the past year, I think it truly remarkable the way your firm handled the work.

Assuring you of my most cordial friendship and wishing your firm a very prosperous 1924, I am,

Very truly yours,

Felix Fabish

BARBERS—Bert Johnston (Fremont Barber Shop) 371 Market.
BEAUTY PARLORS—Julene C. Berry, (Julene Beauty Shoppe) 5745 Geary
CHEMICAL PRODUCTS—U. S. Chemical Products Co., 1427 Post.
CHILDREN'S WEAR—Reinhertz Mfg. Co., (M. I. Reinhertz) new factory 1400 Divisadero.
CIGARS—Frank Freitas, 371 Market.
CLEANING & DYEING — Fair Price Cleaning & Dyeing Works, 3988 18th.
DECORATORS—Geo. Bunker, 134 7th.
DRAYAGE—Lynch Bros., 196 8th.
FURRIERS — Mauser Fur Shop, 821 Market to 323 Sutter.
GROCERS—Max Shere, 528 Laguna.
A. Boccaleoni, 450 6th.
R. C. Warren, 1396 La Playa.
HATS AND CAPS — Ross Hat Works, 3175 Mission.
IMPORTERS—Potash Importing Corp. 564 Market.
INSURANCE—H. K. Coffey, 870 Market.
JEWELERS—L. Weidberg, 760 Market
LADIES' APPAREL — Women's Exchange, 70 Post to 253 Sutter soon.
MACHINERY — Heisler Locomotive Works Co., (Erie, Pa.), Seattle Frog & Switch Co., (Seattle, Wash.), Wire Rope Mfg. & Equipment Co., Rialto Bldg.
MARKETS — Hub Fish Market, 1676 Market.
PLASTER CASTING — Travertini Art Co. (Q. Barsetti), 824 Florida.
PUBLISHERS—Ned Nicholson (music) Pantages Bldg.
PUMPS AND TANKS—City Engineer, Tracy, Cal., to buy pumps and motors for water plant $7000.
U. S. Engineer, 85 2nd to buy power pump and electric meter, roof preservatives, paint, window glass.
REAL ESTATE—Mrs. L. Wilmans, 564 Market.
RESTAURANT — Hanson's Cafe, 708 14th.
J. Karavas, 4541 Mission.
SHEET METAL WORKS—J. Krainert, 1301 Steiner.
SHOES—Gallenkamp Stores Co. Chronicle Bldg) branch 1035 Market.
TAILORS—J. W. Woodard, 330 Eddy soon.
WALL PAPER—Chris Nelson Co., Inc., 5921 Geary to 114-116 Golden Gate Avenue.
AUTOMOTIVE—Flora & Caley, (shop), 450 Fulton.
BARBERS — Banjo Barber Shop, 433 O'Farrell.
BOOKS AND STATIONERY—L. Cramer, 3 City Hall Ave.
BROKERS—L. G. Bonzagni, United Bank Bldg.
CHIROPRACTORS—Dr. G. R. Henderson, Loews Bldg.
CIGARS—John Lew, 500 9th.
CLEANING AND DYEING—New Orleans French Cleaning &Dye Works, 1415 Larkin.
DRUGS — Warnock's Pharmacy, 4051 Balboa.
FUEL—Campbell & Garvich, 3444 San Bruno Ave.
FURRIERS——Barth & Beetz, 704 Post
GROCERS—D. McGunnigle, 211 23rd Ave.
F. Castelletto, 3063 Fillmore.
HATS AND CAPS—Modern Hat Works, 403 Pine.
HORSE SHOE NAILS—Fowler & Union Horse Nail Co.,(Buffalo), 550 Howard
IMPORTERS — C. D. Tishkowsky, Chronicle Bldg.
INVESTMENTS — West American Finance Co., (E. N. Pearson Jr., F. S. Haines, F. R. Tousey), 225 Bush.
LADIES' APPAREL—The Smart Shop about 1705 Folk.
LEATHER — Berk Leather Novelties Mfg. Co., 1145 Mission.
MACHINERY — Chain Belt Co., (Milwaukee), 82 Natoma.
MILLINERY — Canterbury Hat Shop, (Helen McGlinchy), 746 Sutter.

BUSINESS OPPORTUNITIES

(Continued from Page 19)

D-1040—El Dorado, Calif. Gentleman interested in buying quantity one-inch aluminum pipe or tubing.

D-1041—Boston, Mass. Firm would like to get in touch with live-wire manufacturing concern that would be interested in making a connection with successful sales organization.

D-1042—Cincinnati, Ohio Gentleman who has had extensive experience in salesmanship would like to represent San Francisco manufacturers on either a commission or salary basis.

D-1043—Pittsburgh, Pa. Manufacturing firm is looking for a reliable concern to handle their line of Display Fixtures for Retail Stores.

D-1045—Brooklyn, N. Y. Manufacturers of Demountable Battery desires to get in touch with parties interested in buying state rights for sale and distribution of their product. Full information domestic trade bureau.

D-1046—Lynn, Mass. Manufacturer of nitrogen lamps able to make advantageous proposition to jobber in this district.

7795—Tampico, Mexico. Party desires to purchase a metal searching instrument, apparatus to be used in mines. Solicits illustrations and prices.

7797—Amsterdam, Holland. Holland exporting concern is especially anxious to get in touch with agent in direct touch with consumers, not dealers of strawboard 0.009-inch for corrugated purposes. Special conditions for active marketing.

7800—San Francisco, Calif. Gentleman with three years foreign experience desires to make connection with San Francisco foreign trade house with ultimate aim of investing capital and taking active part in the business.

7801 — San Francisco, Calif. American gentleman with ten years selling experience in Argentina, Brazil and Chile, possessing thorough knowledge of French, Portuguese and Spanish, best recommendations, desires to interview local firms expanding their Latin-American business.

7802—New York, N. Y. Manufacturer of auto electric specialties desires connections with San Francisco exporters to the Orient.

7809—Hamburg, Germany. Manufacturer of drawing instruments wishes to sell through san Francisco importer.

7813 — Saint-Mare, Haiti. Exporters desire to furnish quantities of mahogany, lignum vitae, logwood, white wood to San Francisco buyers.

7815 — San Francisco, Calif. Gentleman, having many years of business experience and excellent connections in the Far East, desires to represent local firms desiring to extend their trade in that country. Will leave for Orient about March 1. Excellent references.

7816 — San Francisco, California. Manufacturers or producers who desire to enter the French market are requested to communicate with San Francisco business man returning to France, who will take exclusive agencies with him. He possesses wide foreign trade experiences, thorough knowledge of French language and business methods. Excellent, local references.

7817 — San Francisco, California. Gentleman, well known by Australian business firms, leaves this month for Australia. Desires to introduce goods for San Francisco firms in the Antipodes.

7821—Kobe, Japan. Large import and export house is in the market for one or two complete sets of band saw mill Ex Stock, CIF Yokohama or Kobe; also a complete set of woodworking machinery for making furniture. They also desire to represent Pacific Coast manufacturers of motor cars, similar to Fords in type and price, adding machines, typewriters, gas meters, filing cabinets, plats glass and wired glass.

7823—Mexico City, Mexico. Gentleman seeks market for Mexican fusel oil, an amyl alcohol obtained in sugar cane distilleries, suitable for use in the manufacture of paints, etc.

7930—San Francisco, Cal.—Foreign trade executive with wide experience in the Orient and Latin-America, best local references, desires to associate himself with San Francisco import and export house.

7822—Oakland, Cal. Gentleman, age 26, with good education and three and a half years' experience in varied lines of foreign trade, Oriental and European, desires connection with import and export firm. Will furnish good references.

SUBSCRIPTION BLANK

Cut Out and Mail Today

.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Official Proposals

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO BIDDERS

(Asphalt Plant—City of Sacramento)

Bids will be received by the City Council of the City of Sacramento in the Council Chamber of the City Hall, on I Street, between 9th and 10th Streets, **between the hours of 8:15 and 9:15 o'clock P. M. on Thursday, February 7th, 1924,** for the complete construction and installation of one asphalt plant, with a daily capacity of not less than 15 tons, in accordance with specifications adopted by the City Council at a meeting held on January 24th, 1924, and now on file in the office of the City Clerk.

All proposals must comply with requirements of the City Charter of the City of Sacramento, effective June 30, 1921, and bidders are hereby cautioned that no bids which fail to comply therewith can be considered.

Bids must be submitted upon printed proposals and affidavit form supplied by the City Clerk without charge to prospective bidders and enclosed in envelope marked "Sealed Proposals for Small Asphalt Plant."

A certified check made payable to the City Controller as prescribed in Section 256 of the said charter for not less than 5 (five) per cent of the aggregate of the proposal must accompany each bid.

The right to reject any and all bids is reserved by the City by provisions of the Charter.

H. G. DENTON,
City Clerk of the City of Sacramento.

NOTICE TO BIDDERS

(City of Eureka—Pipe)

Sealed proposals for bids are hereby invited by the Council of the City of Eureka, California, for use by the Eureka Water Department for Five thousand eight hundred (5800) feet of twelve (12) inch wrought iron water pipe with bell and spigot joint f. o. b. dock or cars, Eureka, California, delivery to be made within 90 days after award of contract.

Bidders are requested to submit separate bids for galvanized and dipped pipe and for pipe dipped only. Certified check or bid bond in an amount equal to ten (10%) per cent of the amount bid accompany each bid and the successful bidder will be required to execute an acceptable bond in the same amount for the faithful performance of the contract.

Bids will be received in an envelope marked Bids for twelve inch Wrought Iron Pipe and are to be submitted to the Superintendent of Public Works of the City of Eureka, at his office at No. 524 D Street, Eureka, California, on or before **five o'clock P. M. on Tuesday, the 5th day of February, 1924.** Bids will be opened by the City Council of the City of Eureka at eight o'clock P. M. on Tuesday, February 5th, 1924. The right is reserved to reject any or all bids.

JOHN GRIFFITH,
Superintendent of Public Works.

NOTICE TO BIDDERS

(City of Merced—Nursery Stock)

Notice is hereby given that the Board of Trustees of the City of Merced will up to the hour of **7:30 o'clock p. m., of February 4, 1924,** at the chambers of the Board of Trustees, in the City Hall of the City of Merced, receive bids for the furnishing of nursery stock of the varieties specified in that certain lists prepared by Cotton & Company, Incorporated, at the request of the said Board of Trustees, which is now on file with the City Clerk of said City, reference to which is hereby made for particulars as to varieties, sizes and containers in which the same shall be delivered. That the said nursery stock shall be delivered to the City of Merced upon the premises now owned by it and being developed as a park along the southerly bank of Bear Creek in said City.

Notice is further given that said Board will at the time and place mentioned open all bids so submitted and the contract for furnishing of the said materials will be let to the lowest bidders.

The Board reserved the right to reject any and all bids.

W. W. CORNELL,
City Clerk and ex-Officio Clerk of the Board of Trustees of the City of Merced.

NOTICE TO CONTRACTORS AND BIDDERS

Lincoln and Roosevelt Schools, Salinas

Sealed proposals will be received at the office of the Salinas City Board of Education, Salinas, Monterey County, California, **until 8:30 P. M., Monday, February 18, 1924,** for the general work, including plumbing, heating and electrical work for the Lincoln School, located on the property at southeast corner of Maple street and California street, and the Roosevelt School, located on the property at the southwest corner of Central avenue and Capitol street, both in the city of Salinas, County of Monterey, State of Calif.

Bids will be opened at the hour above mentioned and publicly announced.

The plans and specifications may be seen at the office of the Board in the Central Grammar School, corner of Church and Alisal streets, Salinas, California, or at the office of J. J. Donovan and Davis-Heller-Pearce Co., Associated Architects, 1916 Broadway, Oakland, California. A deposit of $25 will be required as a guarantee of the return of the plans and specifications taken from either office, and same will be refunded to the bidder when the plans and specifications are returned in good condition.

The Board reserves the right to reject any and all bids.

Proposals shall be delivered in accordance with the instructions given in the specifications.

SALINAS CITY BOARD OF EDUCATION,
By Arthur Walter, Secretary.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be receive at the office of The California Highway Commission, 515 Forum Building, Sacramento, Cal., **until 2 o'clock P. M., on February 18, 1924,** at which time they will be publicly opened and read for construction in accordance with the specifications therefor to which special reference is made, of portions of State Highway as follows:

Imperial County, between 2¼ miles east of San Hills and Colorado River (VIII-Imp-27-B), about eleven and nine-tenths (11.9) miles in length to be graded and surfaced with crushed gravel or stone.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Association.
R. M. Morton,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated January 21, 1924.

NOTICE TO BIDDERS

(City of Monterey—Conduit)

Notice is hereby given that the Board of Trustees of the City of Pacific Grove hereby invites sealed proposals or bids and sealed proposals or bids will be received at the office of the City Clerk of said City at the City Hall in said City, and up to and including the **18th day of February A. D. 1924 at the hour of 7:30 o'clock P. M.** for furnishing said City with the following materials, to-wit:

Four Thousand (4000) feet of one and one-half (1½) inch Greenfielduct Hot Dipped Galvanized Conduit or equal and Five Hundred (500) feet of one and one-fourth (1¼) inch Greenfielduct Hot Dipped Galvanized Conduit or equal.

All bids must be for materials delivered f. o. b. Pacific Grove.

The board reserves the right to reject any and all bids.

Dated, January 23, 1924.
(Seal) E. S. JOHNSTON,
City Clerk of said City.

Notice: **This product, originally announced as "Floorseal," will hereafter be known as "Fuller Floor Preservative."**

Fuller Floor Preservative

for Magnesite

MAGNESITE must be sealed because of its porous, crystalline structure. Fuller Floor Preservative penetrates deeply and seals magnesite thereby making it non-porous, oil and water-proof without affecting its color.

But Fuller Floor Preservative does more than seal. By filling the voids between the particles of magnesite a continuous, durable surface is formed which resists wear and tear. It prevents grinding-in of dust and dirt which causes the dark stains so often seen on magnesite. The eggshell gloss surface of Fuller Floor Preservative is easily kept clean and can be waxed, painted or varnished if desired.

Fuller Floor Preservative dries over night. If used on magnesite or any porous surface it can be walked on immediately without harming the finish. No skill is required to apply Fuller Floor Preservative. A night watchman or janitor can do it with a rag or brush making the cost of material the only cost.

An occasional application of Fuller Floor Preservative will keep wood or linoleum as well as magnesite floors looking their best and make them wear longer.

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Engineering News Section

BRIDGES

WILLOWS, Glenn Co., Cal.—Supervisors reject bid to Lisher and Carillo, Napa, at $6104 and John Balinger, Orland, at $4920 to construct tw oconcrete bridges over canal of Glenn-Colusa Irrigation District. Plans will be revised and new bids asked. Bayard Knock, county surveyor.

REDWOOD CITY, San Mateo Co, Cal.—Harlan and North, Galt, Calif., at approx. $4095 submits low bid to supervisors to const. rein. conc. bridge over Butno creek in 5th rd. dist. Other bids: Bianco, $8230; A. Mattson, $7352; F. Bryant, $7732. Taken under advisement.

VENTURA COUNTY, Cal.—Bids will be asked shortly by State Highway Commission to construct Ventura causeway in Ventura county; est. cost bet $300,000 and $400,000. Plans will provide for sea wall and dirt fill 1.2 mi. long to replace present trestle and 20 ft. concrete road bordering on ocean.

DREDGING, HARBOR WORKS AND EXCAVATIONS

OAKLAND, Cal. — Howard Terminal Co., foot of Grove St., will expend $40,000 in dredging and improvement of docking facilities. C. P. Howard is president of the company.

LONG BEACH, Cal.—United Dredging Co. submitted low bid to City Mgr. C. H. Windham at 16.83c cu. yd. (removal charge under certain conditions of 34c additional) for dredging a waterway bet. Recreation Park and Alamitos Bay, involving approx. 2,000,000 cu. yds. L. A. Dredging Co. bid 17.34c cu. yd. C. H. Windham, city mrg.

LOS ANGELES, Cal.—Until 10 a. m., Feb. 11, bids will be rec. by Bd. Pub. Wks. for one motor truck for use in connection with the North Outfall sewer construction. Spec. on file at office of city engr., 405 S city hall annex.

OAKLAND, Cal.—Bids will be asked shortly by supervisors to construct an up-stream dolphin to protect the Webster street bridge, permission having been granted the county by the War Department. Est. cost, $1,500. Geo. A. Posey, county surveyor.

IRRIGATION PROJECTS

SUSANVILLE, Lassen Co., Cal. — State Eng. W. F. McClure has submitted unfavorable report on proposed Big Valley Irrigation District, comprising 41,620 acres in Lassen county. The state engineer gives as his reason for rejecting the petition the climatic conditions, lack of transportation facilities, condition of the soil and ownership of the property. Approx. 12,000 acres of the proposed area, the engineer reports, contains soils fertile enough to produce fair returns under climatic conditions. Approx. 15,000 acres is less productive and a considerable area approx. 2000 acres, is impregnated with alkali, of slight value for any purpose.

STOCKTON, San Joaquin Co., Cal.—Until Feb. 6, bids will be rec. by W. C. Neumiller, county treasurer, for the purchase of a $347,000 block of bonds of the River Junction Reclamation District No. 2064. Bids for less than 90% of the face value of the bonds and the accrued interest will not be considered.

TERRA BELLA, Tulare Co., Cal. — Election will be called at once in Vandalia Irrigation District to vote bonds of $210,000 to finance construction of irrigation works. I. H. Althouse, Terra Bella, is engineer for district.

LOS ANGELES, Cal.—Petition filed with county supervisors for the formation of an irrigation dist. to be known as La Canada Irrigation District. The proposed dist. will utilize the surface and subterannean waters of Pickens Canyon and Earl Wash.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—Until 10 a. m. Feb. 11, bids will be rec. by Bd. Pub. Wks. to const. ornam. lighting system in:

Topango Canyon Ave., bet. Ventura Blvd. and Ybarra Rd., involv. 58 conc. posts, complete.

Norton Ave., bet. Beverly Blvd and First St., involv. 13 cast iron posts, complete.

Catalina St., bet. Ambrose & Franklin Aves, involv. 62 conc. posts, complete.

1911 Act. Plans obtalnable from city electrician, city hall annex.

LONG BEACH, Cal.—Walker & Martin, 402 W Wilshire, Fullerton, submitted low bid to council at $10,700 to const. ornam. lighting system in Belmont Ave., bet. Livingston Dr. and Eliot St. Other bids were: Butte Elec. and Mfg. Co., $11,900; A. C. Rice, $12,400 Newbery Elec. Co., $12,651.

SACRAMENTO, Cal.—H. C. Reid & Co., 115 Mission St., San Francisco, at $10,250 awarded cont. by city council to install electrolier system in Heilbron Oaks district.

HUNTINGTON BEACH, Calif. — See "Sewers & Street Work," this issue.

SAN BERNARDINO, Cal. — Finley Hunt Co. awarded contr. by council at $48,750 to const. ornam. lighting system in D St., bet. 115 ft. n of Third St. and Highland Ave., involving cem. conc. posts, complete.

LOS ANGELES, Cal.—City council orders installation of 44 conc. ornam. post lighting system in Browning Blvd., bet. Western and Van Ness Aves 1911 Act.

Council orders installation of 24 cast iron ornam. post lighting system in 6th St., bet. Grand Ave. and Figueroa St.; 1911 Act.

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CHICO, Butte Co., Cal.—Petitions are being circulated seeking extension of electrolier system down Broadway from 5th St. the cost of installation to be paid by property owners and the maintenance after installation by the city.

SAN DIEGO, Cal.—Osborn Elec. Co., 450 California Terrace, Pasadena, submitted low bid to council at $40,914 to const. ornam. lighting system on 7th 8th, 9th, 10th, 11th, 12th, B and C Sts. Other bids were: Southern Elec. Co., $40,992.50; Walker & Martin, $43,500; A. C. Rice, $43,600; Globe Elec. Co., $48,185.

SAN BERNARDINO, Cal.—Harry M. Rouse awarded cont. by council at $17,981 to const. ornam. lighting system (conc. posts) on Mt. Vernon Ave., bet. Third and Mill Sts.

HUNTINGTON BEACH, Cal. — City trustees declare inten. to const. ornam. lighting system in 11th St., bet. Ocean Ave. and Main St. W. R. Wright, city clerk.

LOS ANGELES, Cal.—Elec. Htg. & Supply Co. 216 W. 3rd St., submitted low bid to supervisors at $39,450 to const. ornam. lighting system in Washington Blvd. bet. w city limits and e city limits of Culver City. Other bids were: Fritz Ziebarth, $40,800; D. L. McEwan, $41,743; H. H. Walker, $42,406; Butte Elec. & Mfg. Co., $44,500; H. C. Reid & Co., $44,500; J. C. Rendler, Inc., $44,555.

MACHINERY & EQUIPMENT

LAKEPORT, Lake Co., Cal. — Bids are being rec. by E. C. Rice, clerk, Upper Lake Grammar School District, for fur. one Ford truck chassis and two bus bodies for transportation of pupils. Further information obtainable from clerk.

SACRAMENTO, Cal. — City council, H. G. Denton, clerk, authorizes advertisement for bids to furnish city with asphalt plant to supply material for street improvements. Albert Givan, city engineer.

LOS ANGELES, Cal.—Until 10 a. m., Feb. 11, bids will be rec. by Bd. Pub. Wks. to fur. motor truck for use in connection with the North Outfall sewer construction. Spec. on file at office of the city engr., 405 s city hall annex.

SACRAMENTO, Cal. — Until Feb. 7, 9:15 p. m., bids will be rec. by H. G. Denton, city clerk, for complete construction of one asphalt plant; daily capacity not less than 15 tons. Cert. check 5% payable to City Controller req. with each bid. Albert Givan, city eng. **See call for bids under official proposal section in this issue.**

BAKERSFIELD, Kern Co., Cal. — Holt Mfg. Co., Stockton, at $3675, less 10% for two old tractors owned by the city and taken in the deal awarded contract by council to furnish one new Holt 40-h.p. tractor for street department. Cousins Tractor Co., Hanford, was only other bidder.

LOS ANGELES, Cal.—Moreland Sales Corp. awarded contr. by Bd. Pub. Wks at $6290.73 to fur. one power flushing unit.

RAILROADS

SAN FRANCISCO—Board of Supervisors rescinds action in authorizing construction of municipal railway extension along Masonic Ave. and other streets to 17th and Stanyan streets.

ELKO, Nevada.—Western Pacific and Southern Pacific R.R. companies plan extensive improvements to system, according to Harry Beem, Supt. of the Western Pacific. Roadbed of Western Pacific bet. Wells and Winnemussa will be repaired in preparation of double-track agreement recently entered into between the two roads. Contracts will be let shortly to widen the present roadbed, install tie plates, rail anchors and for reballasting. A block signal system will also be installed. The construction of 4 steel bridges are included in the improvements.

FIRE EQUIPMENT

LOS ANGELES, Cal.—Until 9 a. m., Feb. 6, bids will be rec. by City Purchasing Agent, Thomas Oughton, 202 n city hall annex, to fur. fire hose under spec. 848.

LOS ANGELES, Cal.—Until 9 a. m., Feb. 6, bids will be rec. by City Purchasing Agent, Thomas Oughton, 202 n city hall annex, for fire hose under spec. 848.

MISCELLANEOUS SUPPLIES

LOS ANGELES, Cal—See "Hospitals" this issue.

SAN DIEGO, Cal.—Council appropriaes $1350 for the purchase of a motor for the fire dept.; $1200 for the purchase of a punch and shear machine for the operating dept.

RESERVOIRS AND DAMS

BUTTE COUNTY, Calif.—See "Power Plants," this issue.

PHOENIX, Ariz.—M. B. Dudley has started work on an irrigation dam on the Virgin river in the extreme northwestern part of the state near Littlefield. A permit has been issued for the appropriation of 172,000 acre ft. The Virgin river is a tributary of the Colorado river and empties into the Colorado river at the site of the Boulder Canyon dam. Mr. Dudley, according to his application filed for the permit, proposes to construct a dam 100 ft. in height and 1300 ft long just north of Littlefield in Mohave county in the extreme northwestern part of the state. The dam is to be made of rubble masonry and will cost about $2,750,000. It will require about four years to complete the project. The project, known as the Virgin Irrigation project, will reclaim about 100,000 acres of land in the northwestern part of the state, it was stated. Some power will probably be developed by the project, but for the present the plans call for the reclamation of lands.

PIPE LINES, WELLS, ETC.

NEWPORT BEACH, Cal.—Conger & Daley, Newport Beach, submitted low bid to city trustees to const. wood stave pipe line from present municipal reservoir of water dept. t othe Newport Heights Dist. His bid was $15,612.92 on standard redwood (only type specified); $14,093.13 on Dougles fir; $16,558.67 on redwood with No. 1 wire covering. Other bids were:

Lee R. Weber, Santa Monica—$17,586.40 on standard redwood pipe; $18,458.23 on 100 ft. lead pipe covered with No. 1 wire; $19,367.07 on 150 ft. head pipe covered with No. 1 wire.

Frank Lowry, Los Angeles—$19,447.39 standard redwood; $18,392.16 Douglas fir; $20,344.30 on special redwood wrapped in No. 1 wire.

Engineers est., $18,066.15 (standard redwood).

The quantities are: 2640 ft. 14-in. wood stave pipe, 50 ft. head; 688.75 ft. 14-in. wood stave pipe, 75 ft. head; 751.50 ft. 14-in. wood stave pipe, 100 ft. head; 10 ft 12-in. wood stave pipe, 100 ft. head; 4099.38 ft. 8-in. wood stare pipe, 75 ft. head; 72 ft. 8-in. wood stave pipe, 100 ft. head; 40 ft. 6-in. standard steel screw pipe; 3 14-in. cast iron ells; 3 8-in. cast iron ells; 1 12-in. standard gate valve; 1 8-in. standard gate valve; 2 6-in. standard gate valves; 2 4-in. crispin air valve for 14-in. pipe; 1 3-in crispin air valve for 8-in pipe; 2 14-in. x8-in. standard cast iron tees; 1 14-in. x11-in.x8-in. standard cast iron tee; 1 8-in.x8-in. standard cast iron tee; 10 8-in.x4-in. standard cast iron tees; 7 manholes complete; 15 cu. yds. 1:3:6 concrete. Paul E. Kressly, consulting engr., 732 H. W. Hellman Bldg, Los Angeles.

PASADENA, Cal.—Roscoe Moss Co. awarded contr. by city directors at $37.50 per day to drill 26-in. water well, Sunset well No. 1, for municipal water dept.

FELLOWS, Kern Co., Cal.—Midland Oil Co., a subsidiary of the American Petroleum Co., has company crews constructing a 16-mi. pipe line commencing near Lake Buena Vista and running to a point north of Fellows.

SOUTH PASADENA, Cal.—S. F. Catey awarded contr. by council at $16,835 to drill 750 ft. 26-in. well in San Gabriel on the Wilson property. Other bids were: So. Cal. Well Drilling Corp., $16,997; Roscoe Moss, $17,327.

SEWAGE DISPOSAL PLANTS

PASADENA, Cal.—City Mgr. C. W. Koiner states that it will be necessary for the sity to purchase another clarifier for the sewage disposal plant. Funds sufficient for this remain from the former bond issue. Alfred W. Wyman has been named supt. of the sewage disposal works.

MISCELLANEOUS CONSTRUCTION

LOS ANGELES, Cal.—So. Cal. Gas Co applies to the railroad comm. for authority to sell $1,500,000 face amount of its first and refunding mortgage series "C" 6% bonds at 92% of par value and to issue and sell $1,000,000 face amount of its 6% cumulative preferred stock at not less than $90 per share, and to use the proceeds to finance additions, extensions and betterments to its plants and properties.

LONG BEACH, Cal—Municipal Gas Dept. is engaging 300 laborers at $5 per day with foreman at $7.50 per day for const. work on first unit of the municipal plant. The force will include a number of expert mechanics and truck drivers. Applicants must register with the civil service board. Supt. Burkhardt has charge of the construction work.

FRESNO, Fresno Co., Cal.—County supervisors will be petitioned to construct subway at McKinley Ave. and state highway as a north entrance to Fresno. One mile of pavement connecting McKinley Ave. with the Fresno city limits would be necessary. Chris P. Jensen, county surveyor.

WATER WORKS

EUREKA, Humboldt Co., Cal.—Until Feb. 5, 5 P. M., bids will be rec. by John Griffith, city supt. of public works, for fur f. o. b. dock or cars, Eureka, 5,800 ft. 12-in. wrought iron water pipe with bell and spigot joint. Delivery to be made 90 days after award of contract. Pipe for use of City Water Department. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal. — Application has been made to U. S. Engineer Office by the Southern California Edison Co. for permission to construct a settling basin for condenser water on the westerly side of the entrance channel, Long Beach Harbor, Calif., and to take not to exceed 550 cu. ft. per second of water from the entrance channel for use in the applicant's present steam plants at Long Beach Harbor.

BURBANK, Cal.—Peerless Pump Co. awarded contr. by city trustees at $2750 to fur. pump for new city water well. Byron Jackson Co., awarded contr. at $2567.49 for fur. booster pump. So Cal. Well Drilling Co. awarded cont. to drill well at $6.80 per ft. for first 150 ft and $6.55 per ft. thereafter. F. Curt Miller, city engr.

SAN JACINTO, Cal.—George Gray, in charge of the water dept., estimates requirements for the new water system as follows: 3000 ft. 8-in., 2000 ft 14-in. pipe, making a total of about $11,000. Other items will bring the cost to somethink less than $15,000.

OAKLAND, Cal.—The Bay Farm Island Water Co., capitalized at $15,000, has been incornorated in Oakland to acquire and develop a water supply and distribution system. Directors are: E. B. Stone, A. L. Stone and R. P. Wood.

SAN DIEGO, Cal. — City Council makes appropriations as follows: $2100 for replacing depreciated water mains in Thirty-second St.; $1500 for replacing depreciated water main in Maryland Ave.; $1500 for the purchase of 30 tons of alumina sulphate for the water mains in Ingleside Ave.

SANTA MONICA, Cal.—Due to misunderstanding regarding advertising for bids to const. municipal water works, opening of bids has been postponed from Jan. 29, several weeks. The new date will be set within a few days. H. E. Elrode, 209 Mills-Fraser Bldg., Santa Monica, consulting engr.

PLAYGROUNDS AND PARKS

FRESNO, Fresno Co., Cal.—New blds will be asked at once by county supervisors to furnish trees and shrubs for 40-acre addition to Roeding Park. The action was taken following a conference between the Mayor and Fresno nurserymen who failed to submit bids on certain plants because, they declared, they would not grow in the Fresno district. Bids will be taken on revised specifications.

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MERCED, Merced Co., Cal. — Until Feb. 4, 7.30 p. m., bids will be rec. by W. W. Cornell, city clerk, to furnish nursery stock for park on Bear Creek for which bonds of $25,000 were recently voted. Cotton & Co., Inc., landscape engineers, Call Bldg., San Francisco. **See call for bids under official proposal section in this issue.**

RED BLUFF, Tehama Co., Cal.—C. S. Cretzer Red Bluff nurseryman, commissioned by Tehama county supervisors to select trees, shrubbery and grass seed for new county hospital grounds in block bounded by Pine, Jefferson, Oak and Washington Sts. Planting will be done by Wm. Stevenson in charge of the court house grounds.

SEWERS & STREET WORK

SACRAMENTO, Cal.—Bids were received by George B. McDougall, state architect chief, division of architecture, on January 29th for furnishing all equipment, materials and labor for the construction and completion of alterations to driveways, capitol building grounds, Sacramento, Cal.

Bids were taken under advisement. A complete list follows.

J. Cunningham, Sacto.	$3130
Tibbals-Percival & Cress, Sacto.	3630
J. A. Bertilluci, Sacto.	3900
E. L. Clark, Sacto.	3200
T. M. Burns, Sacto.	4500
Davison & Nicolsen, Stockton	4894
E. F. Hillard, Sacto.	5380
Estimate	4000

OAKLAND, Cal.—Until Feb. 7, 12 M., bids will be rec. by E. K. Sturgis, City Clerk, to imp. Park Blvd from Moraga Rd. to Boy Scout's Camp. Bond of $2,500 req. of successful bidder. Plans on file in office of clerk. W. W. Harmon, ciey eng.

SAN FRANCISCO—Wm. H. McCarthy has been appointed by Judge Troutt as receiver for the Federal Construction Co., Call Bldg., San Francisco. H. K. Els, one of the four stockholders in the company, which has highway contracts in various sections of the state, has brought suit demanding an accounting from the three other stockholders, W. F. Hanrahan, A. K. Hanrahan and J. A. Dowling. The company has holdings in all parts of California estimated to be worth $1,250,000.

OAKLAND, Cal.—Until Feb. 7, 12 M bids will be rec. by E. K. Sturgis, city clerk, to imp. 91st Ave., bet. E-14th and D St., involv. grade and pave; const. conc. curbs and gutters; 3 corru. iron and conc. culverts and one corru. iron and conc. culvert with handholes; wood culvert. sewer, lampholes and wye branches. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city engineer.

SONORA, Tuolumne Co., Cal.—Until Feb. 16, bids will be rec. by Chas. H. Segerstrom, clerk, Sonora Union High School District, for (1) concrete work fronting high school; (2)) concrete sidewalks fronting gymnasium; (3) concrete walk around gymnasium with stairway over retaining wall from gymnasium to high school grounds; (4) concrete cover over present drainage ditch bet. high school and gymnasium; (5) installation of 12-in. vit. pipe and culvert enclosing same, approx. 350-ft. long, with inspection holes, wall and catchbasin. Plans obtainable from clk. at Sonora.

SAN DIEGO, Cal.—Cushing Constr. Co., San Diego, submitted low bid to council to imp. State and Goldfinch Sts. and Reynard Way, involv. 40,066 sq. ft. 2-in. sheet asph. on 4-in. conc. base 26c ft.; 144,737.77 sq. ft. 5-in. conc paving 23.7c ft; 1783.33 sq. ft. cem. walk 25c ft.; 2236.64 ft. curb 75c ft; 473 ft. 6-in. conc. sewer main at $740 (total); five 6-in. conc. sewer laterals at $45 each; one 4-in. cem. sewer lateral at $40; miscellaneous, $50.

Geo. R. Daley, 4430 Boundary St., San Diego, low bidder to imp. Grenada 29th, Dale and Palm Sts., etc., involv. 215,143.12 sq. ft. 1½-in. sheet asph. paving on 2½-in. bitum. base 17.7c ft; 9580.8 sq. ft. 4-in. conc. paving 21.5c ft.; 1070.98 lin. ft. curb 67c ft.; 1103.03 sq ft. conc. walk 24c ft.; three 4-in. cem. laterals $32.50 each.

LOS ANGELES, Cal.—P. F. Martter, 1250 S Gramercy Pl. awarded contract by Bd. Pub. Wks. at $10,266 to imp. Waverly Ave., bet. Farwell Ave. and Gendale Blvd., involv. grading at $2950 (lump sum); 27,214 sq. ft. oil and roll 7c ft.; 2108 ft. light curb 60c ft.; 9541 sq. ft. walk 21c ft.; 4550 sq. ft. gutter 35c ft.

PETALUMA, Sonoma Co., Cal.—J. B. Silva, Petaluma, at $1.20 lin. ft. awarded cont. by council to install 6-in. ironstone pipe sewer in Walnut St., betw. Kent and Oak Sts.

OAKLAND, Cal.—Until Feb. 7, 12 M. bids will be rec. by E. K. Sturgis, city clerk, to imp. 92nd Ave., bet. E-14th and G St., involv. grade and pave; construct curbs, gutters; 3 corru iron and conc. culverts with handholes and one corru. iron and conc. culvert without handholes; wood culvert with end walls and guard rails; inlets and conduits. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city engineer.

SAN DIEGO, Cal.—Calif. Constr. Co., Union Bldg., San Diego, submitted low bid to council to imp. 25th and Crosby Sts., involv. 321,381.76 sq. ft. 1½-in. asph. conc. paving on 2½-in. bitum. base 16.2c ft.; 485.27 ft. curb 76c ft.; 2172.92 sq. ft. cem. walk 25c ft; 3 4-in. cem. sewer laterals $40 each; culvert No. 1 complete, 1713.1 ft. conc. pipe 16-in. to 30-in. dia., $8000; culvert No. 2 complete, 25 ft. 12-in. conc. pipe, $122; culvert No. 3 complete 65 ft. 12-in. conc. pipe, $310; culvert No. 4 complete, 34.2 ft. 4x4 ft. box section, $752; culvert No. 5 complete, 347.53 ft. 4x4 ft. box section, $6600; miscellaneous, $10.

LOS BANOS, Merced Co., Cal.—Until Feb. 6, 8 p. m., bids will be rec. by H. F. Beaver, city clerk, to pave connection at end of 6th St. with state highway, 6-in. conc. pavement, 5-2-1 mix. Further information obtainable from clerk.

OLYMPIA, Wash. — C. A. Strong, Olympia, at $146,869 submits low bid to state highway commission to clear 22.4-mi. of Olympic highway bet. Hoh river and Quinault reservation, Jefferson county, Geo. B. Wright only other bidder at $155,895. Under advisement.

A. E. Knutzen, Lynden, Wash., at $34,227 low bidder to clear 10.1-mi. of Olympic highway from Lunch Creek westerly in Grays Harbor and Jefferson counties. Other bids: M. & J. Hallern, $35,622; Olts Const. Co., $37,699. Under advisement.

Payne and Hewitt Co., Spokane, at $21,736 awarded cont. to surface with crushed rock 10-mi. of Inland Empire highway from Spangle north in Spokane county.

Chris Sauset, Bellingham, Wash., at $54,400 low bidder to clear Bogachiel-Hoh river section of Olympic highway forest road project. Under advisement.

SACRAMENTO, Cal. — Until Jan. 17, 9:15 p. m., bids will be rec. by H. G. Denton, city clerk, to const. tennis courts at Southside Park. Cert. check 5% payable to City Controller req. Plans on file in office of clerk.

SAN DIEGO, Cal.—G. R. Daley, 4430 Boundary St., awarded cont. by council at $13,467 to imp. Landis St., betw. Pershing Dr. and Ray St.

Olaf Nelson, 1470 E St., San Diego, awarded cont. at $11,539 to imp. San Gorgonio and McCall Sts.

NEWPORT BEACH, Cal.—Until 7:30 p. m., Feb. 11, bids will be rec. by city trustees to imp. portions of 14th St., Broad St., San Bernardino Ave. and Ocean Dr., involv. 19,500 sq. ft. grading, 25,500 sq. ft. 6-in. conc. pavement, including grading; 10 granite concrete lamp posts with conc. bases, complete; 2 conc. bases complete; 1500 ft. ¾-in dia. sherardized iron conduit with No. 6 lead covered cable; 550 ft. 1½-in. dia. sherardized iron conduit with two No. 6 cables. Cert. check or bond 10%. Plans obtainable from Paul E. Kressly, consulting engr., 732 H. W. Hellman Bldg., Los Angeles. 1911 act. Alfred Smith, city clerk.

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SAN DIEGO, Cal.—Robert E. McKee, 607 Commonwealth Bldg., San Diego, submitted low bid to council at $24,475 to const. reinf. conc. storm drain on Canyon St. Other bids were: Hoe & Lockwood, 3120 Herman St., San Diego $26,260; deWaard & Cobham, Granger Bldg., San Diego, $27,990.

BAKERSFIELD, Kern Co., Cal. — Until 10 a. m., Feb. 18, bids will be rec. by Supervisors to pave with asph. conc., incl. grading, draining, const. corru. iron culverts and conc. bridges, and other incidental work, highways in R. D. I. No. 25. Plans on file at office of the county surveyor. Cert. chk. or bond 10%. F. E. Smith, clerk.

CALIFORNIA—By July of this year, the California Highway Commission funds will be depleted and after July 1 new work on the state highway system will have to be suspended, according to Harvey M. Toy, chairman of the commission. To meet the emergency Governor Richardson will shortly appoint a committee of nine men to investigate the possibility of floating a bond issue large enough to permit the completion of the system that will require an additional $200,000,000.

SAN DIEGO, Cal.—County eng. preparing spec. to pave approx. 6 miles through Ramona Valley. Bids will probably be taken in February.

SAN JOAQUIN CO., Cal.—State Highway Commission securing rights-of-way for 4.7-mi. of highway bet. South boundary of San Joaquin county and Calla; est. cost of project $150,000; pavement will be 20-ft. wide. R. M. Morton, state highway engineer.

MONTEREY, Monterey Co., Cal. — Property owners in Lighthouse Ave. petition council to repair and rebuild a road from Fremont St. in Old Monterey over Alvarado St. and Lighthouse Ave. to the Pacific Grove line. A bonding district is proposed to finance the project. Referred to City Engineer H. D. Severance for report.

SAN JOAQUIN CO., Cal.—State Highway Commissio nsecuring rights-of-way for 20-ft. wide conc. highway unit bet. Manteca and Turner, approx. 4.3 mi. estimated cost $140,000. R. M. Morton, state highway engineer.

LONG BEACH, Cal.—Geo. W. Kemper Alhambra, submitted low bid to council at $83,000 to const. Santa Fe storm drain project, including Termion, Roswell, Bennett, 7th, 8th, 10th and other streets. Other bids were: Pernel Barnett, $83,500; R. N. Nikcevich, $88,230; Griffith Co., $88,800; H. H. Peterson, $89,582; E. L. Plantico, $89,640; P. P. Janich, $90,210; Peter S. Tomich, $69,000; United Conc. Pipe Co., $102,000; H. D. Churchill Co., $104,000.

TEHAHA COUNTY, Calif — State Highway Engineer, R. M. Morton, preparing spec. to pave unpaved portions of state highway through city of Corning.

SANTA BARBARA, Cal. — Council favors $150,000 bond issue for a new sewerage system and outfall. George D. Morrison, city manager.

PHOENIX, Ariz.—El Paso Bitulithic Co. awarded contr. by state highway dept. at $220,311.03 to const. new Cerominno-Solomonville highway, federal aid project No. 67, involving approx. 7500 cu. yds. excav.; 22,000 cu. yds. borrow; 2000 cu. yds. gravel cushion; 74,000 sq. yds. paving; 1200 cu. yds. struc. conc.; steel bridge, 105 ft. clear span; 3000 cu. yds. struc. excav.; and other incidental items.

LOS ANGELES, Cal. — Council declares inten. to const. reinf. conc. pipe storm sewer of varying dia. from 30-in. to 66-in. and of reinf. conc. rectangular cross-section, 5 ft. 3-in. to 6-ft. 9-in. wide by 5-ft 3-in high in Figueroa St, bet. Santa Barbara Ave. and Manchester Ave., and in portions of Manchester, Moneta and other avenues and streets; 1911 act. Robert Deminguez, city clerk.

ALAMEDA, Alameda Co., Cal.—City street department will resurface 7.2-mi of streets during 1924 at a cost of $23,000. Burnett Hamilton is city eng.

SAN JOAQUIN CO., Cal.—State highway commission is considering const. of 5-mi. extension to highway unit recently awarded to the Kaiser Paving Co., American Bank Bldg., Oakland, bet. Sacramento city limits and Elk Grove, to cover the stretch bet. Elk Grove and the Sonsumes river, a distance of 5-mi. The Kaiser contract amounts to approx. $292,000 while the 5-mile extension would bring the cost to approx. $440,000. R. M. Morton, state highway engineer.

ARCADIA, Cal.—Until 8 p. m., Feb. 6, bids will be rec. by city clerk to improve Genoa St., btew. First and Fifth Sts.; Baldwin Ave., bet. Palm ave. and Azusa Rd., involv. oiled macadam pavement. Cert. check 10%. John Bartlett, street supt.

SAN FRANCISCO—Fay Improvement Co., Phelan Bldg., at $12,690.39 submits low bid to State Board of Harbor Commissioners to pave China Basin wharf, Pier 34 and on bulkhead near Pier 14, involv. 70,830 sq. ft. 1½-in. Topeka wearing surface on conc. base; 11,700 sq. ft. 2-in. Topeka wearing surface in timber deck; 1980 sq. ft. seal coat wearing surface all at China Basin. 76,120 sq. ft. 2-in. Topeka wearing surface on timber deck; 8060 sq. ft seal coat wear. surface on timber deck, at Pier 34. 6810 sq. ft. 2-in. Topeka wearing surface on Timber deck on Bulkhead Wharf near Pier 14. 4200 sq. ft. conc. fill at China Basin. Other bids were: L. J. Cohn $13,164.45; Raisch Imp Co., $12,792.67; City Constr. Co., $15,382.05; Pacific Constr. Co., $13,716.19.

BREA, Cal.—City trustees plans to join with cities of Anaheim, Santa Ana, Fullerton and Orange in joint outfall sewer project. This additional section will cost $112,471. R. W. Phelps, city engineer.

FRESNO, Fresno Co., Cal.—Calif. Rd and St. Imp. Co., Bank of Italy Bldg., Fresno, awarded cont. by council to imp. streets under Res. of Inten. No. 6-D, involv. grade, $.0425 sq. ft.; pave, $.2090 sq. ft.; conc. curb, $.550 lin. ft. conc. gutter, $.300 sq. ft.; art. stone walks, $.180 sq. ft.; 12-in. corru. metal culverts, $5.55 lin. ft.; 18-in. corru. iron culvert, $6.50 lin. ft.; culvert manholes, $25 each.

COVINA, Cal.—Bids are to be advertised by the city trustees to pave practically all unpaved streets in Covina.

CALIFORNIA—State highway comm. plans to call for bids at once on paving the sand road bet. Brawley and Yuma. This work will involve about 22 miles paving east of the plank road.

LOS ANGELES, Cal.—Geo. R. Curtis 2440 E 26th St., awarded cont by supervisors at $21,856 to imp. first St. and portions of other streets under County Imp. No. 45, involv. 2506 cu. yds. excav. incl. shaping $1 yd; 3311 lin. ft. curb 60c ft.; 8855 sq. ft. conc. walk 20c ft.; 6095 sq. ft. conc. gutter 30c ft.; 6042 sq. yds conc pavement $2.15 yd.

LA VERNE, Cal. — Bond issue for $30,000 each will be voted on in La Verne and in Claremont to pay for those cities' share in the proposed tri-city sewage system and disposal plant. The matter is in charge of T. C. Froehde, Pomona city engr.

SAN JOSE, Santa Clara Co., Cal. — Until Feb. 11, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. Mastic St., bet. Goodyear and south city limits, involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; 1 br. catch-basin; 8-in. vit. pipe drains; conc storm water inlets; hyd. cem. conc. curbs, gutters and walks. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

LOS ANGELES, Cal.—New proceedings to const. the Arroyo de la Sacatella storm sewer system will be instituted at once following action of the city council in instructing the city atty. and engr. to prepare ordinances abandoning the former proceeding and declaring a new intention for the work. The new proceedings for the storm drain system, which will serve approx. 16 sq. mi. of the city w of Alvarado St., will be under the 1911 act.

BERKELEY, Alameda Co., Cal.—Until Feb. 19, 9 A. M., bids will be rec. by E. M. Hann, city clerk, to const. conc. curbs and gutters and return curbs in portions of Addison St.; relay branch culverts; pave with 6-in. asph. 1911 Act and Bond Act. Cert. check 10% payable to city req. C. L. Huggins, City Eng

POMONA, Cal.—Council declares inten. to imp. Garey Ave. bet. Willow St. and Lordsburg Rd., and portions of other streets, involv. grade and pave with 5-in. cem. concr.; const. cem. curbs corr. iron culverts, one concr. catch-basin with wrought iron grating; 1911 act. T. R. Trotter, City Clerk.

PHOENIX, Ariz.—L. C. Lashmet, Flagstaff, submitted low bid to state highway dept. at $27,382 to const. 7 mi. roadway bet. Nada and Hot Springs Junction. Other bids were: Kisselburg, Schmidt & Hitchcock, Phoenix, $28,140.05; Shunway Constr. Co., Mesa, $29,857.47; Cashion & Caldwell Co. of Phoenix, $30,403.75; Hoopes & Thomas Constr. Co., Miami, $33,856.45. Cert. check, 5%. F. R. Goodman, state engr.

SANTA ANA, Cal.—Until 11 a. m., Feb. 5, bids will be rec. by supervisors to imp. Chapman Ave. under R.D.I. No. 27. Plans on file at office of county road commissioner, J. L. McBride. Cert. check or bond 10%. J. M. Backs, clerk of the board.

SANTA MONICA, Cal.—J. D. Kneen Paving Co., Dudley Blk., Santa Monica awarded contr. by Bd. Pub. Wks. at $27,365 to pave Washington Blvd., bet. Strand St. and s.e. city limits, with bitul. paving, includ. curbs, walks, bringing manholes to grade, and constructing 6-in. vit. hse. sewers. Other bids were: Warren Constr. Co., $28,672.91; W. F. Crawford, Venice, $29,213.55.

RICHMOND, Contra Costa Co., Cal.—City council votes to improve various streets during 1924 at a cost of $500,000. First project will consist of improving 34th, 35th and 36th Sts., from MacDonald Ave. north and Roosevelt and Nevin Aves. in Richmond Pullman Home tract, pavement to be oil macadam; work under 1911 Act. MacDonald Ave., bet. 23rd and San Pablo Ave. will be paved as well as Potrero Ave. from the El Cerrito city limits westerly. H. D Chapman, City Eng.

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VENTURA COUNTY, Cal. — See "Bridges," this issue. Causeway State Highway Commission.

SAN DIEGO, Cal.—City Eng. F. A. Rhodes completes spec. to imp. A. Ash, Beech, Cedar and 7th Sts., San Diego, involv. 176,271.7 sq ft. paving with 1½ in. asph. concr. on 2½-in. bitum. base; 88,382 sq. ft. paving with 4-in. concr.; 1360 sq. ft. 1½-in. asph. concr. surfacing of gutters; 4400.6 sq ft. cem. concr. sidewalk; 1522.03 lin. ft. cem. concr. curb; 1911 Act. Protests Feb. 11.

Plans made to imp. Cedar and Date Sts., involv. 246,112.14 sq. ft. paving with 1½-in. sheet asph. on 3-in. bitum. base; 8,636.51 sq. ft. cem. concr. sidewalk; 2216.43 lin. ft. cem. concr. curb; 1095 cu. yds. earth excav.; 1911 Act. Protests Feb. 11.

TUCSON, Ariz.—Geo. B. Singleton Co., Tucson, awarded contr. by council to imp. various streets in what is known as the Southeast Grading Improvement Dist., involv. 64,560 cu. yds. grading, 80c yd.; 41,400 sta. yds. overhaul, 5c yd.; 36 monuments at 512 ea. (Note—free haul 500 ft. one sta yd. overhaul equals one cu. yd. hauled 600 ft.)

ALHAMBRA, Cal.—Property owners petition city trustees to imp. Hellman Ave., bet. east and west city limits, with 6-in. concr. paving, curbs, gutters.

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, clerk, declares inten. to imp. Auzerais St., bet. Vine and Delmas Aves., involv. grade and pave with 2-in. Durite asph. conc. surface on 3½-in. Durite asph. conc. base; hyd. cem. conc. curbs, gutters and walks; 2 hr. catchbasins; 8-in. vit. pipe drains; 4 hyd. cem. conc. storm water inlets. 1911 Act & Bond Act 1915. Protests Feb. 18. Wm. Popp, city eng.

LOS ANGELES, Cal.—Geo. H. Oswald 366 E 58th St., awarded contr. by Bd. Pub. Wks. at $109,827 to imp. Leesdale St., bet. Hazeltine Ave. and Pacoima Ave., involv. grading at $10,000 (lump sum); 766 ft. curb 70c ft.; 240,015 sq. ft. cem. conc. paving 25.5c ft.; cem. pipe culvert, $200; wooden trestle bridge complete, $37,886. Engr's est., $111,330.01.

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, clerk, declares inten. to imp. Balbach St., bet. Orchard and Locust St., involv. grade and pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs, gutters and walks; 1 hyd. cem. storm water inlet; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests Beb. 18. Wm. Popp, city eng.

SAN JOSE, Santa Clara Co., Cal. — Council, J. J. Lynch, clerk, declares inten. to imp. portion of 31st St. involv excavation of trench and const. hyd. cem. conc. sanitary sewer; 8 brick manholes; 1 stand. c. i. flushing inlet; hyd. cem. conc. 5x8-in. wye branches. 1911 Act & Bond Act 1915. Protests Feb. 11. Wm. Popp, city eng.

BARSTOW, Cal. — Construction by Santa Fe Ry has started on new 40-mi. double-track line bet. Hicks, 12 mi. s of Barstow and Summit. Est. cost, $5,000,000.

LOS ANGELES, Cal.—G. A. Constantine, 911 Haas Bldg., submitted low bid to Bd. Pub. Wks. to imp. Sunset Dr., bet. Myra Ave. and Sunset Blvd., involv. grading at $3375 (lump sum); 79,485 sq. ft. cem. conc. paving 24.5c ft.; 2760 sq. ft. bitum. base paving 15c ft.; curb 65c ft.; 8730 sq. ft. cem. walk 20.5c ft.; 56 ft. curb 35c ft; storm drain complete $2350.

SAN JOAQUIN CO., Cal.—State Highway Commission is securing rights-of-way for 6½-mi. of highway in San Joaquin county bet. French Camp and Mossdale; est. cost of project $175,000. R. M. Morton, state highway eng.

MONROVIA, Cal. — B. R. Davisson, Monrovia, submitted low bid to city trustees to imp. Orange Ave., bet. Mayflower and Fifth Aves., involving 2828 ft. class A curb 50c ft; 2287 ft. class B curb 60c ft.; 1184 ft. class C curb 75c ft.; 15,454 sq. ft. conc. gutter 20c ft.; 1340 sq. ft. conc. swale 20c ft; 167,100 sq. ft. grading and oil tamped pavement 6.8c ft.; 1324 ft. 8-in. vit. sewer 95c ft.; 720 ft. 4-in. vit. hse. sewers 95c ft.; eight wyes $1.75each; brick manhole $100; brick flush tank $150; one reinf. conc. intake with steel grates at the n end of the Monrovia city drain, $125; one reinf. conc. culvert with laterals and manhole across Orange Ave. at Ninth Ave., $175. Other bids were: Clarence P. Day, $21,866.50; California Paving Co., $32,615.25.

ALHAMBRA, Cal.—City Comm. plans to light Main St., bet. E and w city limits, and Garfield Ave. bet. Alhambra Rd. and Mission Rd. The proposed system will cost $150,000; will include cast iron posts, verde-green bronze finish, with two 600 c. p. globes.

PISMO BEACH, Cal. — Pismo Beach Chamber of Commerce is in the market for 2 chemical engines on trucks and one fire siren, new or second hand. Further information obtainable from J. A. Boose, secretary of the chamber at Pismo Beach.

BAKERSFIELD, Kern Co., Cal. — Until 10 a. m., Feb. 11, bids will be rec. by supervisors to imp. portion of county rd. No. 283, involv. 4-in. bitum. base paving with two-in. Willite wearing surface, grading and incidental items. Paving will be 18 ft. wide and 2⅛ mi. in length.

SAN JOAQUIN COUNTY, Calif. — State Highway Commission is completing plans for new draw bridge to replace present Mossdale bridge over San Joaquin river; est. cost $250,000 including undergrade crossing of tracks of S. P. Company. R. M. Morton, state highway engineer.

LOS ANGELES, Cal.—Archt. A. B. Sturgis, 331½ S Western Ave., has completed plans for an $84,000 class C grammar school to be erected on 37th St., for the L. A. Board of Education. Brick constr., 11 classrooms, concrete stairs and corridor fls., comp. and rf., hardwood classroom fls., art stone trim.

NATIONAL CITY, Cal. — City trustees are planning to install 6 conc. ornam. lighting posts per block on National Avenue.

FRESNO, Fresno Co., Cal. — See "Miscellaneous Construction," this issue. Subway and pavement.

SAN BERNARDINO, Cal.—H. H. Lienau, 426 Brookside Ave., Redlands, awarded cont. by supervisors at $149,500 to imp. Big Bear Boulevard under R. D. I. No. 25, involv. grade pave with 8-in macad. Roadway to be graded 40 ft. wide and paved part 16 ft. and part 18 ft wide. There will also be some cem. conc. pavement, corr. iron culverts, conc. end walls, etc. The length of the project is about 5 miles. Engineer's est. is $176,857.30. Lienau & Levering were previously awarded contr. at $149,500, but it was claimed there was an error in the proceedings. Work will not start until weather conditions permit. Edgar T. Ham, county surveyor.

BEVERLY HILLS, Cal.—No regular bids were rec. by council Jan. 28 to const. 700 ft. 12-in. cem. conc. or vit. sewer and accessories in new sewer system. The consulting engrs., Salisburg, Bradshaw & Taylor, 626 S Spring St., Los Angeles, instructed to purchase material in the open market and to do the work by day labor.

RICHMOND, Contra Costa Co., Cal.—Council, A. C. Faris, clerk, declares intention to imp. 34th, 35th and 36th Sts., bet. Macdonald Ave. and Richmond Pullman Home Tract; Nevin & Roosevelt Aves., bet. Richmond Pullman Home Tract and 37th St., and 37th St., at intersection of Roosevelt Aves., involving grade and pave with 8-in Richmond Standard macadam; cem. conc. curbs, gutters, walks, wing walls and portals, catchbasins; corru. iron pipe; corru. iron and conc. culverts; vit. sewers; br. and conc. manholes. 1911 Act. Protests. H. D. Chapman, city eng.

RENO, Nevada—Bids have been ordered rec. by city council to pave streets, const. walks, curbs and gutters in various sections of city. Bids will probably be opened Feb. 25, 7 P. M. Harry Chism, city eng.

SAN MATEO COUNTY, Cal.—State Highway Commission contemplates widening present state highway from Redwood City to Santa Clara County line, near Palo Alto, approx. 3.46-mi. Plans would provide for widening with macadam shoulders, 8-ft. wide, 7-in. thick on each side; then newly newly constructed shoulders and old pavement to be surfaced with asph. conc. 30-ft. wide and 2½-in. thick, the balance of widened shoulders to be surfaced with asph. macadam tapering from edge of asphalt surfacing to edge of macadam shoulders, making total improved width 36-ft. Est. cost $120,150 or $34,724 per mile. R. M. Morton, state highway engineer.

SAN DIEGO, Cal.—Council rejects bids to const. storm drain in Canyon St. and has directed City Mgr. F. A. Rhodes to prepare plans and spec. for paving Canyon St., making provision for storm drainage over surface of paving.

SAN DIEGO, Cal.—Until 10:30 a. m., Feb. 18, bids will be rec. by City Clerk A. H. Wright to imp. San Marcos Ave., Maple St., etc., involv. 188,079.84 sq. ft. paving with 1½-in. sheet asph. wearing surface on 4-in. portland cem. conc. base; 2344.6 sq. ft. cem. conc. sidewalk; 489.76 lin. ft. cem. conc. curb; 23 4-in. cem. conc. sewer laterals; 12 6-in. conc. sewer laterals; 294.59 cu. yds. earth excav.; 8.86 cu. yds. earth embank; 10% check or bond; 1911 act; F. A. Rhodes, city mgr.

SAN FRANCISCO — Until Feb. 6, 3 p. m., bids will be rec. by Bd. Pub. Wks. to imp. Vicente St., bet. Forestside and 19th Aves., involv. 19,592 cu. yds. cut; 8225 cu. yds. fill; 500 lin. ft. 8-in., 680 lin. ft. 12-in., 410 lin. ft. 15-in. and 275 lin. ft. 18-in. vit. pipe; 19 8-in., 35 12-in., 10 15-in. and 10 18-in. wye branches; 7 brick manholes; 17 br catchbasins; 610 lin. ft. 10-in. culvert; 3240 lin. ft. conc. curb; 93,550 sq. ft. asph. conc. pavement. Spec. obtainable from Bureau of Engineering, 3rd floor City Hall.

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Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

310 Schwarz
311 Dahla
312 Tait
313 Marian
314 Bonwit
315 Marian
316 Olympic
317 Commercial
318 Crocker
319 Smith
320 Crocker
321 Gibson
322 Frasina
323 Johnson
324 Tillman
325 Perkins
326 Smith
327 Wilson
328 Phelan
329 Coffer
330 Fitzsugh
331 Smith
332 Wells
333 Same
334 Same -
335 Pacific
336 Strand
337 Ginley
338 Morris
339 Klenck
340 Hewitt
341 Urban
342 Meyer
343 Smith
344 Shell
345 Holmgren
346 Roundley
347 Urban
348 Boivin
349 Mazzera
350 Vigen
351 Miller
352 Globe
353 Allred
354 Tate
355 City Realty
356 Hueter
357 Ramiez
358 McKennay
359 La Societe
360 Adams
361 McCarthy
362 Nelson
363 Kasper
364 Neugebauer
365 Becker
366 Howard
367 Magrane
368 Astrue
369 O'Brien
370 Midbust
371 Tarri
372 Post
373 Olsson
374 Yates
375 S P Co.
376 Sullivan
377 Same

Owner 15000
Owner 7000
Carusio 4000
Owner 75000
Levi 3000
Owner 75000
Mattock 14000
Universal 1200
Owner 3800
Owner 1000
Owner 14000
Owner 3000
Owner 40000
Owner 8000
Nelson 52000
Owner 150000
Owner 4000
Owner 8000
Owner 27500
Owner 20000
Western 2035
Mangels 9127
Larsen 822
Musto 9060
Keystone 73
Hercules 6159
Owner 25000
Owner 6000
Owner 16000
Vanucci 40756
Neish 3000
Leonard 24000
Conlan 7000
Owner 8000
Owner 1400
Owner 3000
Owner 5000
Leonard 21000
Owner 2500
De Benedetti 16800
Owner 3800
Owner 7000
Hess 14000
Owner 40000
Metz 1000
Cox 8000
Boxton 6000
Owner 2000
Olsen 14568
Otis 3650
Buschke 5500
Hamill 9448
Owner 5000
Owner 2500
Owner 9000
Meyer 12000
Wagner 14000
Owner 5000
Montgomery 4800
O'Brien 4000
Owner 16000
Owner 2500
Reichley 3000
Munson 1500
Owner 4000
Ostlund —
Martin 14000
Turner 2200

(310) S BAY 123 W Van Ness Ave. Three-story and basement frame (3) apartments.
Owner—Chas. J. Schwarz, 185 Jessie St., San Francisco.
Architect—None. $15,000

DWELLINGS
(311) S BRUNSWICK 78 and 103 E Oliver. Two one-story and basement frame dwellings.
Owner—John Dabla, 430 Crescent Ave., San Francisco.
Architect—None. $3500 each

DWELLING
(312) N CHESTNUT 151 E Baker. One-story and basement frame dwelling.
Owner—Fred W. and Cora E. Tait, 900 Powell St., San Francisco.
Architect—None.
Contractor — L. M. Carusio Co., 3917 Balboa St., San Francisco. $4000

(313) S MARKET 117-6 E Eighth St. Three-story and basement reinforced concrete stores and offices.
Owner—Marian Realty Co.
Architect—D. C. Coleman and Rousseau & Rousseau, 1171 Market St., San Francisco. $75,000

ALTERATIONS
front; erect mezanine floor in store front; erect meanine oor in store.
Owner—Bonwit Cloak & Suit Co., 752 Market St., San Francisco.
Architect—None.
Contractor—S. Levi, 243 7th St., San Francisco. $3000

STORES, ETC.
(315) S MARKET 80 E Eighth. Three story and basement reinforced concrete stores and offices.
Owner—Marian Realty Co.
Architect—D. C. Coleman and Rousseau & Rousseau, 1171 Market St., San Francisco. $75,000

SHOP
(316) OLYMPIC CLUB GOLF COURSE near Skyline Blvd., Lakeside Dist. One-story and basement frame golf shop.
Owner—Olympic Club, Post St. near Mason, San Francisco.
Architect—Bakewell & Brown, 251 Kearny St., San Francisco.
Contractor — Mattock & Feasey, 251 Kearny St., S. F. $14,000

ALTERATIONS
(317) N PACIFIC 170 W Montgomery. Remove platforms and partitions; lay concrete oor, etc., for battery service station.
Owner—Commercial Center Realty Co., 916 Kearny St., San Francisco.
Architect—M. J. Lyon, 916 Kearny St., San Francisco.
Contractor—Universal Construction Co. 916 Kearny St., San Francisco. $1200

DWELLING
(318) S W AMAZON AND MOSCOW. One-story and basement frame dwelling.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. $3800

ALTERATIONS
(319) 425 FORTY-FOURTH AVE. Interior alterations and repairs for residence.
Owner—Benj. J. Smith, premises.
Architect—Plans by owner. $1000

DWELLINGS
(320) W MOSCOW 36 S Amazon; N Munich 157 E Naples; W Wheeler 292 N Bay Shore; E. Wheeler 303 N Bay Shore; W Wheeler 324 N Bay Shore. Five 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. $2800 each.

DWELLING
(321) N NORIEGA 57-6 W Eighteenth Ave. One-story and basement frame dwelling.
Owner—R. N. Gibson, 55 5th St., San Francisco.
Architect—Willis Lowe, —. $3000

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APARTMENTS
(322) NE BROADWAY & LEAVENworth. Three-story and basement frame (12) apartments.
Owner—J. Frasina, 1350 Gilman Ave., San Francisco.
Architect—None. $40,000

FRAME FLATS
(323) E FIFTH AVE 100 N Kirkham. Two-story and basement frame (2) flats.
Owner — Ernest Johnson, 581 Belvedere St., San Francisco.
Architect—None. $8000

APARTMENTS
(324) E GUERRERO 45 S 18th. Three story and basement frame (18) apartments.
Owner—Mr. and Mrs. Tillman, % Contractor.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Contractor—Emil Nelson, 55 Allston Way, S. F. $52,000

DANCE HALL, ETC.
(325) SW MARKET AND NINTH. Four-story and basement Class B dance hall and offices.
Owner—Perkins & Trowbridge.
Architect—E. E. Young, 2202 California St., San Francisco. $150,000

DWELLING
(326) E THIRTY-FOURTH AVE 100 S Lincoln Way. One-story and basement frame dwelling.
Owner—Byrd O. Smith, 247 Montgomery St., San Francisco.
Architect—None. $4000

GARAGE
(327) W FRANKLIN 100 N Jackson. One-story reinforced concrete (private) garage.
Owner—A. W. Wilson, Grand Hotel, San Francisco.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco. $8000

APARTMENTS
(328) N FELL 106 3 E Cole. Three-story and basement frame (12) apartments.
Owner—P. J. Phelan, 519 14th Ave., San Francisco.
Architect—None. $27,500

APARTMENTS
(329) SW GOUGH AND PINE STS. Three-story and basement frame (20) apartments.
Owner—Anna Coffer, 2356 California St San Francisco.
Architect—None. $20,000

STRUCTURAL STEEL
(330) NE POWELL AND POST N 137-6xE 162-9. Structural steel framing for ceiling light in rotunda of store in building.
Owner—Wm. M. and Mary E. Fitzhugh, Mills Bldg. San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—Western Iron Works, 141 Beale St., San Francisco.
Filed Jan. 25, '24. Dated Jan. 18, '24.
on 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $2035
Bond, $1018. Surety, Fidelity & Deposit Co. of Maryland. Limit, 24 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(331) LOT 20 BLK 22, St. Francis Wood. All work for frame residence.
Owner—Chas. W. and Marguerite G. Smith, 36 Macondray St, S. F.
Architect—L. J. Sharpe.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.
Filed Jan. 25, '24. Dated Jan. 23, '24.
Frame up.....$2281.87
Brown coated 2281.87
Completed 2281.88
Usual 35 days..... 2281.88
TOTAL COST, $9127.50
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

BANK
(332) NO. 744 MARKET. Counter top and painting along marble screen for 2nd floor of building.
Owner—Wells Fargo Bank & Trust Co. Second and Mission Sts., S. F.
Architect—None
Contractor—Larsen Siegrist Co., Inc., Claus Spreckels Bldg., S. F.
Filed Jan. 25, '24. Dated Jan. 5, '24.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $822
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported Nov 6, 1923, No. 4115.

(333) MARBLE WORK ON ABOVE.
Contractor—Joseph Musto Sons-Keenan Co., 535 North Point St., S. F.
Filed Jan. 25, '24. Dated Jan. 3, '24.
As work progresses..... 75%
On completion 25%
TOTAL COST, $9060
Bond, none. Limit, as soon as possible. Forfeit, none. Plans and specifications filed.
(334) REMOVAL OF EXISTING bronze work above marble lodge on above.

Contractor—Keystone Ornamental Iron & Bronze Works, 830 Howard St., San Francisco.
Filed Jan. 25, '24. Dated Jan. 16, '24.
TOTAL COST, $73
Bond, limit, forfeit, none. Plans and specifications filed.

STRUCTURAL STEEL WORK
(335) E MARKET AND BEALE NE 137-6 SE 138-2 SW 137-6 NW 138-2. Structural steel stack, 6 tanks, steel tanks, 2 suction well covers.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor—Hercules Steel Products Co., 231 Bay St., San Francisco.
Filed Jan. 25, '24. Dated Jan. 18, '24.
As work progresses..... 75%
Usual 25 days..... 25%
TOTAL COST, $6155
Bond, $3080. Surety, Continental Casualty Co. Limit, 90 days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(336) SE BAY AND FRANKLIN STS. Three-story and basement frame (12) apartments.
Owner—Strand & Strand, 4 Steiner St., San Francisco.
Architect—None. $25,000

FRAME FLATS
(337) E THIRTIETH AVE 175 N Clement. Two-story and basement frame (2) flats.
Owner—E. Ginley, 131 5th Ave., S. F.
Architect—None. $6000

(338) W TWELFTH AVE 100 and 125 N Fulton. Two two-story and basement frame dwellings.
Owner—A. T. Morris, 687 11th Ave., San Francisco.
Architect—None. $8000 each

LOFT BUILDING
(339) SE MISSION 135-11 NE Ninth NE 39-7½ SE 80 SW 6½ in. SE 80 SE 40 NW 75 NE 11 in. NW 85. All work except lighting fixtures and elevator for three-story and basement Class B reinforced concrete loft building.
Owner — F. J. Klenck, 311 Minna St., San Francisco.
Architect—H. C. Baumann and Edward Jose, 251 Kearny St., San Francisco
Contractor—L. Vannucci Bro., 16th and Church Sts., San Francisco.
Filed Jan. 26, '24. Dated Jan. 26, '24.
Grading completed and footings poured $2567
First floor poured..... 5000
2nd floor poured..... 6000
3rd floor poured..... 5000
Roofg has been poured..... 5000
Completed and accepted..... 7000
Usual 35 days.....10189
TOTAL COST, $40,756
Bond, $20,378. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING
(340) N ARLETA 350 W Alpha. One-story and basement frame dwelling.
Owner — Mrs. Frieda Hewitt, 3038 Pierce St., San Francisco.
Architect—Jas. G. Neish, 627 Sunnydale Ave., San Francisco.
Contractor—James G. Neish, 627 Sunnydale Ave., S. F.

DWELLINGS
(341) SW BORICO AND URBANO DR. SE BORICO AND URBANO DR. Two two-story & basement frame dwellings.
Owner—Urban Realty Imp. Co., 39 Montgomery St., San Francisco.
Architect—Leonard & Holt.
Contractor—Leonard & Holt, 29 Montgomery St., S. F. $12,000 each

DWELLING
(342) NO. 90 COMMONWEALTH AVE. Additions to dwelling.
Owner—Julian Meyer, Premises.
Architect—Samuel Lightner Hyman & A. Appleton, 68 Post St., S. F.
Contractor—Conlan Bros, 1935 Howard St., San Francisco. $7000

APARTMENTS
(343) S FULTON 100 E Ashbury. Two-story and basement frame (4) apartments.
Owner—Martin Smith, 521 Dolores St., San Francisco.
Architect—None. $8000

STATION
(344) NW GEARY AND THIRTY-first Ave. One-story steel service station.
Owner—Shell Co. of California, 343 Sansome St., San Francisco.
Plans by Owner. $1400

DWELLING
(345) NW GUTTENBERG & MORSE. One-story and basement frame dwelling.
Owner—Victor Holmgren, 47 Guttenberg St., San Francisco.
Architect—None. $3000

DWELLINGS
(346) N LELAND 350 and 375 E Alpha Two one-story and basement frame dwellings.
Owner—Geo. H. Roundey, 995 Market St., San Francisco.
Architect—None. $3000 each

DWELLINGS
(347) SW OCEAN AVE 182, 232 and 282 NW Cedro. Three two-story and basement frame dwellings.
Owner — Urban Realty Imp. Co., 39 Montgomery St., San Francisco.
Architect—Leonard & Holt.
Contractor—Leonard & Holt, 39 Montgomery St., S. F. $7000 each

DWELLING
(348) E POLK bet. Filbert and Greenwich. One-story and basement frame dwelling.
Owner—Louis Boivin, 2550 Polk St., San Francisco
Architect—Ed. Musson Sharpe, 60 San Jose Ave., San Francisco.
Contractor—Not. Let. $2500

DWELLINGS
(349) N THERESA 250 & 250 W Mission. Two one-story and basement frame dwellings.
Owner—G. Mazzera, 4261 Mission St., San Francisco.
Architect—None.
Contractor—A. De Benedetti, 22 Cotter St., San Francisco. $8400 each

DWELLING
(350) W TWENTY-FOURTH AVE 125 S Irving. One-story and basement frame dwelling.
Owner—E. Vigen, 825 Monadnock Bldg., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. $3800

IN PRESS
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DWELLINGS
(351) N VIENNA 100 & 125 W France. Two one-story and basement frame dwellings.
Owner—J. Miller, 82 Rotteck St., S. F.
Architect—None. $3500 each

BINS
(352) N CHESTNUT 265 W Montgomery. Construct reinforced concrete grain storage tempering bins.
Owner—Globe Grain & Milling Co., 1701 Montgomery St., San Francisco.
Architect—J. H. Vaugh, Los Angeles.
Contractor—Russell Hess, Los Angeles $14,000

DWELLINGS
(353) W CORONA 50, 100, 150, 200, 250 300, 350, 400, 450, 500 S Urbano Drive. Ten one-story and basement frame dwellings.
Owner—C. S. Allred, 159 Liberty St., San Francisco.
Architect—None. $4000 each

BAKE OVEN
(354) NO. 300 CHENERY. Construct brick bake oven.
Owner—Frank Tate, Premises.
Architect—None.
Contractor—Paul Metz, 855 44th St., Oakland. $1000

DWELLINGS
(355) N PARNASSUS 57-6 and 82-6 E Third Ave. Two two-story and basement frame dwellings.
Owner—City Realty Co., 46 Kearny St., San Francisco.
Architect—None.
Contractor—Cox Bros, 1309 9th Ave., San Francisco. $4000 each

DWELLING
(356) S SAN MARCOS 187 W Castenada. One and one-half-story and basement frame dwelling.
Owner—O. M. Hueter, 805 Flatiron Bldg., San Francisco.
Architect—Harold G. Stoner, 1st Na't. Bank Bldg., San Francisco.
Contractor—Boxton & Zwieg, Flatiron Bldg., San Francisco. $6000

DWELLING
(357) NW WILDE AND RUTHLAND. One-story and basement frame dwelling.
Owner—Peter Ramiez, 402 Wilde Ave., San Francisco.
Architect—None. $2000

FRAME FLATS
(358) W DOLORES 182 N Twenty-second N 26xW 120. All work for two-story frame flats.
Owner—John A. and Ella G. McKennay
Architect—None.
Contractor—C. Olson, 4009 26th St., San Francisco.
Filed Jan. 28, '24. Dated Jan. 26, '24.
Frame up $3642
Brown coated 3642
Completed and accepted..... 3642
Usual 35 days..... 3642
TOTAL COST, $14,568
Bond, none. Limit, 120 days Forfeit, $5. Plans and specifications filed.

ELEVATOR
(359) NE ANZA & SIXTH AVE. N 104 by E 55. 1 electric passenger elevator for building.
Owner—La Societe Francaise de Bienfaisance Mutinelle, premises.
Architect — Albert J. Fabre & E. H. Hildebrand, 110 Sutter St., S. F.
Contractor—Otis Elevator Co., Beach and Stockton Sts., S. F.
Filed Jan. 28, 1924. Dated Jan. 15, 1924.
Mashinery delivered $2000
Completed and alrepted 735
Usual 35 days 915
TOTAL COST, $3650
Bond, none; Forfeit, $1; Limit, 60 days Plans and Specifications filed.

BUILDING
(360) NW BRYANT & MORRIS 25 x 75. All work for 1-story and mezz. class C reinforced concrete bldg.
Owner—Chas. A. Adams.
Architect—None.
Contractor — Buschke & Brown, 185 Stevenson St., San Francisco.
Filed Jan. 28, 1924. Dated Jan. 28, 1924.
Concrete walls poured $2062.50
Completed and accepted..... 2062.50
Usual 35 days 1375.00
TOTAL COST, $6500
Bond, $2750; Sureties, Thos. H. Pine, Fred Wagner; Forfeit, none; Limit, 38 days; Plans and specifications filed.

FLATS
(361) NW MARKET 126.1755 W Castro SW 27.4295 NW 83.527 SE 26-4 S 63 m or l to beg. All work for 2-story frame bldg. flats.
Owner — Frank and Nellie McCarthy, 6140 Geary St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco.
Filed Jan. 28, 1924. Dated Jan. 16, 1924.
Rough frame up $2362
Brown coated 2362
Completed and accepted 2362
Usual 35 days 2362
TOTAL COST, $9448
Bond, Forfeit, none; Limit, 90 days; Plans and specifications filed.
NOTE—Permit reported Jan. 3, 1924, No. 20.

DWELLINGS
(362) W ANDERSON 125 150 S Tompkins. Two 1-story and basement frame dwellings.
Owner—C. L. Nelson, 366 Sussex St., San Francisco.
Architect—None. $2500 each

DWELLING
(363) NW DUBLIN 275 S Russia. 1-story and basement frame dwelling
Owner—J. Kasper, 246 Dublin St., San Francisco.
Architect—None. $2500

DWELLINGS
(364) E FORTY-FOURTH AVE., 233 259 285 Fulton. Three 1-story and basement frame dwellings.
Owner—Geo. Neugebauer 22-A Sanchez St., San Francisco.
Architect—None. $3000 each

DWELLINGS
(365) W FORTIETH AVE. 25 50 75 S Anza. Three 1-story and basement frame dwellings.
Owner—Geo. Becker, 603 1st Natl Bank Bldg., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 1st Natl. Bank Bldg., S. F. $4000 each

MFG. PLANT
(366) NW HARRISON AND NINTH Streets. 2-story brick manufacturing plant.
Owner—Howard Realty Co., Alexander Bldg., San Francisco.
Architect—None.
Contractor—George Wagner, Inc., 181 South Park, S. F. $14,000

STORES
(367) NW IRVING AND TWENTIETH Avenue. 1-story frame stores.
Owner—A. T. Magrane, 601 Buena Vista Ave., San Francisco.
Architect — Theo. W. Lenzen, Hum. Bank Bldg., S. F. $5000

DWELLING
(368) W MERCED 100 N KENSINGton. 1-story and basement frame dwelling.
Owner—C. S. Astrue, 410 Hugo St., San Francisco.
Architect—None.
Contractor — E. J. Montgomery, 1320 Broadway, S. F. $4800

MACHINE SHOP
(369) W POLK 60 S Post. 1-story reinforced concrete machine shop.
Owner—R. J. O'Brien, 608 Alexander Bldg., San Francisco.
Architect—None.
Contractor—Klernan and O'Brien, 608 Alexander Bldg., S. F. $4000

APARTMENTS
(370) W PIERCE 33-6 & 59-6 N Fell Two 2-story and basement frame (4 in each building) apartments.
Owner—P. Midbust 529 Pierce St., San Francisco.
Architect—None. $8000 each

DWELLING
(371) E EUREKA bet. 21st and 22nd Sts One-story and basement frame dwelling.
Owner—Ferdinando Tarri, 1082 Union St., San Francisco.
Architect—None. $2500

REPAIRS
(372) NO. 127-131 MISSION. Repairs to one-story brick shop.
Owner—Mrs. Nettie Post, Berkeley.
Architect—W. H. Wharff, Berkeley.
Contractor—Geo. Reichley, 353 Haight St., San Francisco. $3000

ADDITION
(373) NO. 50½ ROSEMONT PLACE. Four-room addition to cottage.
Owner—Mr. Olsson, Premises.
Plans by Owner.
Contractor—John Munson, 332 Missisippi St., S. F. $1500

DWELLING
(374) W THIRTY-THIRD AVE 175 N Irving. One-story and basement frame dwelling.
Owner—W. H. Yates, 619 Clayton St., San Francisco.
San Francisco.

(375) NO. 65 GEARY ST. Agreement as to extending time for completion of cabinet work to Jan. 31, 1924, and agreement of sureties on bond Union Indemnity Co. that bond shall remain in force.
Owner—Southern Pacific Co., S. P. Bldg., San Francisco.
Architect—None.
Contractor—Ostlund & Johnson, 1901 Bryant St., San Francisco.

BRICK BLDG.
(376) S TEHAMA 200 W Fourth W 75xS 80. All work except plumbing, heating and electrical work for one-story and mezzanine brick building.
Owner—Walter H Sullivan, Inc., Alexander Bldg., San Francisco.
Architect—O'Brien Bros., Inc., 315 Montgomery St., San Francisco.
Contractor—Wm. Martin, 180 Jessie St., San Francisco.
Filed Jan. 29, '24. Dated Jan. 22, '24.
Brick walls up to mezzanine level $3500
Building roofed 3500
Completed and accepted..... 3500
Usual 35 days..... 3500
TOTAL COST, $14,000
Bond, $7000. Sureties, Edwin T. Peterson and Fred Walpert. Limit, 120 days Forfeit, none. Plans and specifications filed.

(377) PLUMBING, HEATING AND electrical wiring on above.
Contracor—The Turner Co., 272 Natoma St., San Francisco.
Filed Jan. 29, '24. Dated Jan. 23, '24.
Completed and accepted .....$2200.
TOTAL COST, $2200.
Bond, Sureties, Forfeit, none; Limit, 100 days; Plans and Specifications filed.

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33 Kearny 895 Market

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
Jan. 26, 1924—LOT 14 BLK 3110 Westwood Park. Hans & Esther E Nelson to whom it may concern. .....Jan. 22, 1924
Jan. 26, 1924—NW BATTERY AND Sacramento W 275xN 119-6. Federal Reserve Bank of S F to Randall Control & Hydrometric Corp.....Jan. 24, 1924
Jan. 26, 1924—N POST 137-6 W Stockton W 37-6xN 137-6. Wm M and Mary E Fitzhugh to John Spargo.....Jan. 17, 1924
Jan. 26, 1924—NW HARRISON AND Langton W 55xN 80. Hoelscher &

Rosenblum to M V Brady.....
.....Jan. 23, 1924
Jan. 24, 1924—S BALBOA 95 W 11th Ave W 25x100. Alfred T Morris to whom it may concern..Jan. 17, 1924
Jan. 25, 1924—W PLYMOUTH AVE 100 S Holloway Ave. Henry Erickson to whom it may concern.....
.....Nov. 8, 1923
Jan. 25, 1924—W MISSION AND Ecker SW 47 NW 112-6 SW 47 NW 75 NE 94 SE 187-6. Lucy H and Edith W Allyne to Sartorius Co...
.....Jan. 16, 1924
Jan. 25 1924—W FORTIETH AVE 225 N Anza N 100xW 120. E Torres to Meyer Bros.....Jan. 22, 1924
Jan. 25, 1924—E NINETEENTH AVE 100 S Taraval 25x100. Helen Hubert to C F Parker....Jan. 21, 1924
Jan. 25, 1924—E RAMONA 130 N 15th N 25xE 75. J A Black to Joel Johnson.....Jan. 24, 1924
Jan. 24, 1924—LOTS 2 AND 5 BLK 24, St. Francis Wood Extn No. 2. Garden Homes Co to Mangels Bros
.....Jan. 22, 1924
Jan. 21, 1924—W HAROLD AVE 300 S Holloway Ave 25x100. John S and Katherine M Marks to whom it may concern.....Jan. 24, 1924
Jan. 28, 1924—NE ANZA & SIXTH Ave N 600xE 240. La Societe Francaise de Bienfaisance Mutuelle to Alfred H Vogt.....Jan. 18, 1924
Jan. 28, 1924—NE HAMPSHIRE AND Twentieth E 100xN 91-6. San Francisco Home Bldg Co to Meyer Bros.....Jan. 28, 1924
Jan. 28, 1924—E TWENTY-FIFTH Ave 150 N K St. No. 1470 25th Ave. Adolph Miller to whom it may concern.....Dec. 25, 1923
Jan. 28, 1924—NO. 833 MARKET ST. Muller & Raas Co to Braas & Kuhn Co.....Jan. 25, 1924
Jan. 28, 1924—W THIRTY-THIRD Ave 29 S Cabrillo S 32xS 90. S F Johnson to whom it may concern
.....Jan. 28, 1924
Jan. 28, 1924—SE ALABAMA AND Mullen Ave 25x80. Salvatore and Mrs. Salvatore DIndia to A R Larson .....Jan. 25, 1924
Jan. 28, 1924—LOT 20 BLK 6468-A Harder & Daniels Mission Tract. W G McDiarmid to whom it may concern.....Jan. 25, 1924
Jan. 28, 1924—E SIXTEENTH AVE 175 S Judah. P. G. Magnuson to whom it may concern..Jan. 26, 1924
Jan. 28, 1924—LOT 23 BLK 23 ST Francis Wood Extn No. 2. Garden Homes Co. to Mangels Bros.....
.....Jan. 24, 1924
Jan. 28, 1924—E SIXTEENTH AVE 175 S Judah. P. G. Magnuson to whom it may concern..Jan. 26, 1924
Jan. 28, 1924 — E WANDA 150 N Onondaga 25 x 100. Rocco & Rocco Chiolo to Albert A. Hemmen.....
.....Jan. 22, 1924
Jan. 28, 1924—S McALLISTER 137-6 N Octavia W 137-6 x S 120. Ogden Mills to H. C. Vensaro & Co.....
.....Jan. 22, 1924
Jan. 28 1,924—E EIGHTH AVE. 275 S Lincoln Way 25 x 127-6. O. J. Ohlson to whom it may concern...
.....Jan. 28, 1924
Jan. 29, 1924—E KEARNY 82 S Sacramento E 62-6 N 82 E 64 m or l S 137-6 m or l W 1-6 S 137-6 W 62-6 N 50-10½ W 62-6 N 142-1½ m or l to beg. Realty & Rebuilding Co. to The J. H. Kay Co..Jan. 28, '24
Jan. 29, 1924—SE BRYANT 286-1¼ SW 2nd SW 59-10½ x SE 80. Smith O'Brien & C. B. Hobson to Monihan & Slavin.....Jan. 28, 1924
Jan. 29, 1924—LOT 58 BLK BDED BY Stevenson, 5th Jessie and 6th. Pacific Gas & Electric Co. to Carlin Grading Co.....Jan. 28, 1924
Jan. 29, 1924—SW NEWCOMB AVE 150 NW Keith NW 25xSW 100. Emil A and Eliza Richards to whom it may concern...Jan. 29, 1924
Jan. 29, 1924—W PLATO 190 S Masonic Ave 30x87. Samuel Greenbach to whom it may concern.....
.....Jan. 28, 1924
Jan. 29, 1924—NW BRYANT 220 SW Third SW 48xNW 80. Oliver W or O W Britt to whom it may concern
.....Jan. 22, 1924
Jan. 29, 1924—NW CLEMENT AND Twenty-eighth Ave W 32-6xN 77-6. Victor Zullmes to whom it may concern.....Jan. 17, 1924
Jan. 29, 1924—SW BAY & GOUGH W 87-6xS 59-6. Enid Crippen to whom it may concern..Jan. 26, 1924
Jan. 30, 1924—SE VIENNA 150 SW Russia Ave SW 25xSE 100 Ptn Lot 2 Blk 62, Excl Hd Assn. Ernest J and Olga Smith to whom it may concern.....Jan. 28, 1924
Jan. 30, 1924—E FORTY-SIXTH AVE 200 N Cabrillo 100x120. Ragner Monson to whom it may concern
.....Jan. 30, 1924
Jan. 30, 1921—E THIRTY-SIXTH AV 200 N Ulloa N 25xE 120. Vivian E Hartley to A L Lundy..Jan. 28, 1924
Jan. 30, 1924—N FOLSOM 105 W 4th 100x80. The De Bolt Corp to P Hurley.....Jan. 31, 1924
Jan. 30, 1924—E JULES AVE 110 N Grafton Ave N 25xE 112-6. The McCarthy Co to James Arnott & Son.....Jan. 30, 1924
Jan. 30, 1924—S BROADWAY 137-6 E Fillmore E 40xS 137-6. M H Gnecco to R De Luca....Jan. 29, 1924
Jan. 30, 1924—E NINETEENTH AVE 30 S Lawton S 60xE 95. Edward D Swift to whom it may concern...
.....Jan. 26, 1924
Jan. 30, 1926—S ALLSTON WAY 340 E Claremont Blvd. Emil Nelson to whom it may concern..Jan. 29, 1924
Jan. 30, 1924—W MASONIC AVE 144 170, 196, 222 and 248 N Fulton. W R Voorhies to whom it may concern.....Jan. 30, 1924
Jan. 30, 1924—E BEALE bet. Howard and Folsom. Southern Pacific Co to Jas R D McElroy....Jan. 21, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Accepted

Jan. 25, 1924—NO. 545 ASHBURY W side 57-6 N Haight 25x100. American Trading Co. of The Pacific Coast vs Fredia Hagelstein and Herman Steiger $108
Jan. 25, 1924—NO. 545 ASHBURY 25x 100, bet. Haight and Page. Inlay Hardwood Co vs Frieda Hagelstein $357
Jan. 24, 1924—NO. 956 COLE ST. Herman Steiger vs J A and Elsie Miller and Louis Gotelli.....$275
Jan. 26, 1924—NW STILLMAN 215 NE Fourth NE 20xNW 80. Reinhart Lumber & Planing Mill Co vs Otto Carson, K and Grace Marthinusen
.....$142.93

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Jan. 28, 1924—W TWENTIETH AVE 225 N Ortega N 100 W 125 S 100 E 100. Contractors & Builders Supply Co to Harris Mill & Cabinet Co..$550
Jan. 25, 1924—NO. 5037 PIERCE ST. Frank B Devincenzi to Henry Lipman .....
Jan. 29, 1924—S DUNCAN 235 W Guerrero W 25xS 106. M J McVeigh to Allen L and Cecelia McGenn..

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Jan. 30, 1924—S MARKET AND Seventh SW 75xE 140. Odd Fellows Hall Association as to improvements on property.....
Jan. 30, 1924—E THIRD bet. Sherwood Place and Hunt No. 171 3rd. Estate Edgar E Sutro, dec'd as to improvements on property.....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
398	Eleades	Allan	8500
399	Guerich	Koester	4100
400	Fedroni	Owner	8500
401	Adamski	Adamski	6000
402	Jansen	Owner	2700
403	Disi	Pickrell	2500
404	Shifman	Owner	6000
405	Lundberg	Owner	1800
406	Smith	Owner	1000
407	Couger	Owner	2500
408	Hickok	Mogh	2600
409	Danielson	Johnson	2925
410	Campbell	Owner	3500
411	Stend	Wishart	6500
412	Tokogi	Tokogi	1200
413	Green	Johnson	——
414	Stephens	Nelson	6650
415	Detroit	Slater	1402
416	Lyon	Owner	2500
417	Grubb	Owner	4000
418	Cretan	Banks	1000
419	Legris	Owner	3000
420	Legris	Owner	3000
421	Lindgreen	Owner	3000
422	Shumate	Conn	3000
423	Murlin	Mohr	4000
424	Wallace	Owner	2500
425	Bonestell	Hopper	7650
426	Merlingones	Owner	2800
427	Lumus	Pond	3200
428	Lerer	Myers	2500
429	Birstow	Owner	4000
430	Daska	Martini	4800
431	Blackman	Flittner	6000
432	Crandmer	Owner	1900
433	Robinson	Owner	5500
434	Rockberg	Owner	2850
435	Blackman	Flittner	6000
436	Miller	Owner	7000
437	Slothofolor	Corey	3800
438	Robinson	Owner	2800
439	Shibley	Mallett	6000
440	Bigelow	Owner	1000
441	Chandler	Traunal	13000
442	Wood	Long	8000
443	Sendermann	Owner	1300
444	Cowan	Weston	5500
445	McCloud	Ahnfeld	6300
446	Gundlock	Duval	3000
447	Trimble	Van Vlack	3000
448	Gregory	Hamilton	5000
449	Sommer	Calif.	30000
450	Fornquist	Tonnian	2500
451	Gossby	Wildy	4000
452	Ditra	Hortley	1500

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(THE SAN FRANCISCO BANK)

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One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.

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526 California Street, San Francisco, Cal.

DECEMBER 31st, 1923

Assets	$39,174,468.57
Capital, Reserve and Contingent Funds	3,850,000.00
Employees' Pension Fund	430,275.37

MISSION BRANCH.....Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....Haight and Belvedere Streets
WEST PORTAL BRANCH.....West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of FOUR AND ONE QUARTER (4¼) per cent per annum, COMPUTED MONTHLY and COMPOUNDED QUARTERLY, AND MAY BE WITHDRAWN QUARTERLY

453	Naegle	Naegle	2700
454	Page	Owner	2000
455	Cordonia	Calif	13000
456	Silva	Owner	3000
457	Mullins	Owner	3500
458	Cherry	Underwood	2500
459	Smith	Owner	7900
460	Melrose	Freeman	2500
461	Collier	Henas	5500
462	McIntosh	Owner	2500
463	Futrell	Owner	3000
464	Larson	Duigwell	1200
465	Calif.	Costello	4750
466	Larson	Clapham	2000
467	Tomasello	Owner	2000
468	Carpenter	Owner	3500
469	Bianueci	Burgett	3000
470	Douglas	Walhold	4500
471	Fox	Fox	3500
472	Ferrell	Owner	2700
473	Mayer	White	1000
474	Lawton	Owner	1500
475	Lein	Owner	2800
476	Fish r	Owner	5000
477	Doysdale	Owner	3650
478	La Voice	Owner	3000
479	Rucdy	Wooley	21000
480	Sangiacomo	Owner	3500
481	Hudson	Lyon	4235

STORES
(398) NE COR. BECK ST. AND HAVenscourt Blvd., Oakland. One-story 6-room stores.
Owner—Arthur Eleades, 3314 Army St., San Francisco.
Architect—None.
Contractor — Mastin Allan, 346 Walsworth Ave., Oakland $8500

DWELLING
(399) S EL CAMILE AVE. 172 W 55th Ave., Oakland. One-story 5-room dwelling and garage.
Owner—P. N. Guerich, 4532 Bond St., Oakland.
Architect—None.
Contractor—Chas. J. L. Koester & Son, 5356 Wentworth, Oakland. $4100

FLATS, STORES
(400) W CLAREMONT AVE. 150 S Martin, Oakland. Two-story 10 room flats and stores.
Owner—Paolo Pedroni, 4995 Broadway, Oakland.
Architect—None. $8500

DWELLINGS
(401) S DELAWARE ST. 100 132 W Laurel Ave., Oakland. Two 1-story 5-room dwellings.
Owner—Mary Adamski, 3059 Delaware St., Oakland.
Architect—None.
Contractor — W. Adamski, 3059 Delaware St., Oakland. $3000 each.

DWELLING
(402) 1419 EIGHTY-FIFTH AVE., Oakland. One-story 4-room dwelling.
Owner—R. W. Jansen, 1223 54th Ave., Oakland.
Architect—None. $2700

DWELLING
(403) N C 250 W ELM, Oakland. One-story 5-room dwelling.
Owner—Raineri Disi, 9822 C St., Oakland.
Architect—None
Contractor—J. H. Pickrell, 696 Nevada St., Oakland. $2500

DWELLINGS
(404) W FIFTY-FIFTH AVE. 36, 73 Trumbell, Oakland. Two 1-story 5-room dwellings and garages.
Owner—C. A. Shipman, 5893 Foothill Oakland.
Architect—None. $3000 each.

DWELLING
(405) W FIFTY-EIGHTH AVE. 230 S Teirs, Oakland. One-story 4-room dwelling.
Owner—E. Lundberg, 3438 Magnolia St. Oakland.
Architect—None. $1800

WAREHOUSE
(406) SE COR. FIFTY-FIRST AVE. and E-12th St., Oakland. One-story tile and brick warehouse.
Owner—George Smith, 3315 E-23rd St., Oakland.
Architect—None. $1000

DWELLING
(407) W SIXTIETH AVE. 300 E Eleventeenth St., Oakland. One-story 5-room dwelling.
Owner—A. L. Conger, 725 Filbert St., Oakland.
Architect—None. $2500

DWELLING
(408) W SEVENTY-EIGHTH AVE. near int. of Ash, Oakland. One-story 4-room dwelling and garage.
Owner—Grace E. Hickok, 1433 46th Ave Oakland.
Architect—None.
Contractor—F. Mogh & T. Lydikon. $2600

DWELLING
(409) 1300 SEVENTY-EIGHTH AVE. Oakland. One-story 4-room dwelling and garage.
Owner—R. H. Danielson, 1092 78th Ave. Oakland
Architect—None.
Contractor—H. E. Johnson, San Leandro, Oakland. $2925

DWELLING
(410) 1206 JOSEPHINE, e Berkeley. One-story 6-room dwelling.
Owner—D. C. Campbell, 2421 Oregon, Berkeley.
Architect—None. $2500

DWELLING
(411) 2401 MARTINEZ, Berkeley. 2-story 7-room dwelling.
Owner—Wm. Thos. Stend, 1911 Essex, Berkeley
Architect—None.
Contractor — John W. Wishart, 1014 62nd St., Oakland. $6500

ADDITION
(412) 2539 FULTON, Berkeley. Add 3-rooms.
Owner—Thos. S Tokogi, premises.
Architect—None.
Contractor—H. Tokogi, premises. $1200

DWELLING
(413) 1218 EVELYN, Berkeley. One-story 3-room dwelling.
Owner—Herbert Green, 1232 Masonic Ave., Berkeley.
Architect—None.
Contractor—J. A. Johnson, 1330 Alcatraz, Berkeley. $—

DWELLING
(414) LOT 9 BLOCK A & PORT LOT 10 Lakeshore Hills Tract, Oakland. 1-story 6-room frame dwlg.
Owner—Richard S. Stephens and Clara Stephens.
Architect—None.
Contractor—Elmer M. Nelson, 1641 6th Ave., Oakland.
Filed Jan. 24, 1924. Dated Jan. 19, 1924.
When bldg. ready for plaster, .$1650
When bldg. has been plastered. 1650
Inside finish on 1650
Completed and accepted 1700
TOTAL COST, $6650
Bond, Forfeit, none; Limit, 120 days; Plans and specifications filed.

ELECTRICAL WORK
(415) LOTS 3 4 5 & 6 BLOCK 4 Landregan Tract, Emeryville. Electric work.
Owner—Detroit Steel Products Co., 251 Kearny St., San Francisco.
Architect—Washington J. Miller, 417 Market St., San Francisco.
Contractor—J. P. Slater 3301 Telegraph Ave., Oakland.
Filed Jan. 24, 1924. Dated Jan. 21, 1924
Completed and accepted 75%
36 days after 25%
TOTAL COST, $1402
Bonds filed; Sureties, none; Forfeit, none; Limit, 1 day; Plans and specifications filed.

DWELLING
(416) 1202 DWIGHT WAY, Berkeley. 1-story 4-room dwelling.

OLGA HERZ

Public Stenographer
Multigrapher and Translator

ENGLISH - FRENCH - GERMAN
ITALIAN - SPANISH

Confidential Service
Quality
Punctuality
Economy
Estimates Furnished

402 and 404 First National Bank Building
Phone Garfield 946
San Francisco

Owner—O. T. Lyon, 524 San Fernando St., Berkeley.
Architect—None. $2500

DWELLING
(417) N BATES ROAD 500 E Holman Road, Oakland. 1-story 5-room dwelling.
Owner—Jas. B. Grubb, 832 Faloma Ave Oakland.
Architect—None. $4000

ALTERATION
(418) 3880 BRIGHTON AVE., Oakland Alterations.
Owner—D. A. Cretan, 8721 Foothill Boulevard, Oakland.
Architect—None.
Contractor—W. P. Bauks, 1834 E-24th St., Oakland. $1000

DWELLING
(419) SE COR. E-26th St. and Inyo Ave., Oakland. 1-story 5-room dwlg
Owner — C. A. Legris, 600 56th St., Oakland.
Architect—None. $3000

DWELLING
(420) S E-TWENTY-SIXTH ST. 100 Orange Ave., Oakland. 1-story 5-room dwelling.
Owner—C. A. Legris, 600 56th St., Oakland.
Architect—None. $3000

DWELLING
(421) W EIGHTY-SECOND AVE. 120 S Plymouth, Oakland. 1-story 5-room dwelling.
Owner—Gus Lindgren, 1751 82nd Ave., Oakland.
Architect—None. $3000

DWELLING
(422) E EIGHTY-NINTH AVE. 180 N Hillside, Oakland. 1-story 5-room dwelling.
Owner—Mrs. E. H. Shumate, 42nd and San Pablo, Oakland.
Architect—None.
Contractor—C. H. Conn, 1949 87th Ave., Oakland. $2000

DWELLING
(423) E HAVENSCOURT BLVD. 180 N Arthur St., Oakland. 1-story 5 room dwelling.
Owner—W. Murlin, 729 Mandana Blvd, Oakland.
Architect—None.
Contractor—Geo. T. Mohr. $4000

DWELLING
(424) E MAYBELLE AVE 43 S Quigley Oakland. 1-story 4-room dwelling.
Owner—J. D. Wallace, 144 Grand Ave. Oakland.
Architect—None. $2000

DWELLING
(425) N MOUNTAIN BLVD. 1200 W Lincoln Ave., Oakland. 1-story 1200 W Lincoln Ave., Oakland. 1-story 7-room dwelling.
Owner—Mrs. H. Bonestell.
Architect—None.
Contractor—M. E. Hoffer & Son, 1117 Webster, Oakland. $7650

DWELLING
(426) 1432 SEVENTY-EIGHTH AVE., Oakland. 1-story 4-room dwelling.
Owner—C. M. Merlingones, 1225 E-18th Oakland.
Architect—None. $2800

DWELLING
(427) W SIXTY-SEVENTH AVE 665 705 N ARTHUR ST., Oakland. 1-sto. 5-room dwelling.
Owner—J. H. Lumus, Oakland.
Architect—None.
Contractor—C. P. Pond, 6664 E-14th St. Oakland. $3200

DWELLING
(428) E THIRTY-NINTH AVE. 600 N Baye, Oakland. 1-story 5-rm dwlg.
Owner—Linon Lerer.
Architect—None.
Contractor—W. J. Myers, 3214 High St. Oakland. $2500

DWELLING
(429) W VICKSBURG AVE. 65 S Ygnacio Ave., Oakland. 1-story dwelling.
Owner—C. C. Birstow, 3649 Grove St., Oakland.
Architect—None. $4000

DWELLING
(430) N BAY VIEW AVE opp. 11th Ave., Oakland. 1-story 8-rm dwlg.

Owner—Mrs. L. A. Daska, 307 Sybil Ave., San Francisco.
Architect—None.
Contractor—L. R. Martin, 219 Arroya Ave., San Francisco. $4800

DWELLING
(431) NO. 2006-2012 EIGHTY-SECOND Ave., Oakland. One-story 5-room dwelling.
Owner—E. L. Blackman, 4221 E-14th St., Oakland.
Architect—None.
Contractor — Jas. Flittner, 1700 35th Ave, Oakland. $3000 each

DWELLING
(432) NO. 583 FIFTY-SIXTH ST., Oakland. Two-story 4-room dwelling and garage.
Owner—W. H. Crandmer, Premises.
Architect—None. $1900

DWELLING
(433) SW LINCOLN AVE AND E-39th St., Oakland. One-story 8-room 2-family dwelling.
Owner—C. B. Robinson, 2398 E-24th St., Oakland.
Architect—None. $5500

DWELLING
(434) S LOCKWOOD 100 E 73rd Ave., Oakland. One-story 5-room dwelling and garage.
Owner—Henry Rackberg.
Architect—None. $2850

DWELLINGS.
(435) NO. 8210 AND 8216 OLIVE ST., Oakland. Two one-story 5-room dwellings.
Owner—E. L. Blackman, 4221 E-14th St., Oakland.
Architect—None.
Contractor — Jas. Flittner, 1700 35th Ave., Oakland. $3000 each

GARAGE
(436) NE SEMINARY AND FOOTHILL Blvd, Oakland. One-story brick garages.
Owner—T. A. Muller, 805 Syndicate Bldg., Oakland.
Architect—None. $7000

STORES, ETC.
(437) S SEVENTH 140 E Pine, Oakland. Two-story concrete and tile stores and garage.
Owner—C. G. Slothopolos, 516 Pine St., Oakland.
Architect—None.
Contractor—Covey & Saunders. $3800

DWELLING
(438) S E-TWENTY-NINTH 61 W Lincoln Ave., Oakland. One-story 5-room dwelling.
Owner—C. B. Robinson, 2398 E-21th St., Oakland.
Architect—None. $2800

ALTERATIONS
(439) NO. 801 THE ALAMEDA, Berkeley. Alterations and additions to dwelling.
Owner—Kenneth Shibley, 825 The Alameda, Berkeley.
Architect—None.
Contractor—Fowler Mallett, 403 Acheson Bldg, Berkeley. $6000

GARAGE
(440) NO. 2234 ATHERTON ST., Berkeley. Garage.
Owner—J. E. Bigelow, Premises.
Architect—Nnce. $1000

DWELLING
(441) NO. 2910 GARBER ST., Berkeley Two-story 6-room dwelling.
Owner—John Chandler.
Architect—H. H. Gutterson, 2922 Garber St., Berkeley.
Contractor—Trannal & Bradhoff, 483 Crescent St., Berkeley. $13,000

DWELLING
(442) 1508 LE ROY, Berkeley. 2-story 9-room dwelling.
Owner—G. Dwight Wood, Lake Orinda.
Architect—None.
Contractor—Roy O. Long Co 2115 Shattuck, Berkeley. $8000

DWELLING
(443) NO. 1923 SEVENTH ST., Berkeley. One-story 3-room dwelling.
Owner—John Sundermann, 921 University Ave., Berkeley.
Architect—None. $1300

DWELLING
(444) 1148 WALNUT ST., Berkeley. 2-story 6-room dwelling.
Owner—E. A. Cowan, Oxford St., Berkeley.
Architect—None.
Contractor — John O. Weston, 1731 Dwight Way, Berkeley. $5500

DWELLING
(445) E ALMA AVE 138 N Excelsion Ave., Oakland. 1-story 5-room dwlg and garage.
Owner—Chas. McCloud, Oakland.
Architect—None.
Contractor — Henry Ahnefeld, 1969 Monn Ave., Oakland. $6300

ALTERATIONS
(446) 1550 BROADWAY, Oakland. Alterations.
Owner — Geo. Gundlock, 514 13th St., Oakland.
Architect—None.
Contractor—Oliver Duval & Son, 316 Dalziel Bldg., Oakland. $3000

DWELLING
(447) 2012 E TWENTY-NINTH ST. IN rear, Oakland. 1-story 3-room dwlg
Owner—J. C. Trimble, 2012 E-29th St., Oakland.
Architect—None.
Contractor—Geo. Van Vlock 575 Spruce St., Oakland. $2000

STORE
(448) N E-FOURTEENTH ST. 50 E 44th Ave., Oakland. 1-story brick store.
Owner — W. A. Gregory, Hutchinson Bldg., Oakland.
Architect—None.
Contractor—T. Hamelton, 825 Santa Fe Ave., Berkeley. $5000

APARTMENTS
(449) SW CORNER EXCELSIOR AND Athol, Oakland. Two 33-room apts.
Owner—E. Sommer, 1534 Franklin St., Oakland.
Architect—None.
Contractor — Calif. Bldrs. Co., 1534 Franklin, Oakland. $30,000 each

DWELLING
(450) 1235 EIGHTY-FIRST AVENUE Oakland. 1-story 4-room dwelling.
Owner—A. Tornquist, 1235 80th Ave., Oakland.
Architect—None.
Contractor—H. S. Tonnian, 4430 Pampas Ave., Oakland. $2500

DWELLING
(451) E EIGHTIETH AVE. N Birch St., Oakland. 1-story 6-room dwlg.
Owner—T. B. Goosby, 8617 "B" St., Oakland.
Architect—None.
Contractor—J. F. Wildy, 1023 Aileen St. Oakland. $4000

ALTERATION
(452) 9300 E-FOURTEENTH ST. Oakland. Alteration.
Owner—A. Dutra, 9310 E-14th St., Oakland.
Architect—None.
Contractor—E. A. Hartley, Hayward, Oakland. $1500

DWELLING
(453) E FRUITVALE AVE 50 N Tiffin Road, Oakland. 1-story 4-room dwelling.
Owner—J. J. Naegle, 739 21st Avenue, Oakland.
Architect—None.
Contractor—Geo. B. Naegle, 739 21st St Oakland. $2700

DWELLING
(454) NE COR. FLORA AND SIXTY-fourth Ave., Oakland. 1-story 4-room dwelling.
Owner—Page.
Architect—None. $2000

APARTMENTS
(455) NE COR. FORTY-NINTH AND Webster, Oakland. 2-story 16-room apartments.
Owner—A. Cordonia, 1534 Franklin St., Oakland.
Archt. & Contractor—Calif. Bldrs. Co., 1534 Franklin St., Oakland. $13,000

DWELLING
(456) W FIFTY-FIRST AVE. 777 N E-14th St., Oakland. 1-story 5-room dwelling.
Owner—A. C. Silva, 1452 55th Ave Oakland.
Architect—None. $2000

DWELLING
(457) E LINCOLN AVE. 300 N Hopkins, Oakland. 1-story 6-room dwlg
Owner — Neil McMullin, 2924½ Nicol Ave., Oakland.
Architect—None. $3500

ALT & ADDITION
(458) 438 NORTH ST., Oakland. Alt. and addition.
Owner—Rose A. Cherry, 1916 Harmon St., Oakland.
Architect—None.
Contractor — J. A. Underwood, 4247 Home St., Oakland. $2500

DWELLING
(459) E PRESLEY WAY 177 S Chabot Road, Oakland. 2-story 9-room dwelling.
Owner—G. P. Smith, 6664 E-14th St., Oakland.
Architect—None. $7900

DWELLING
(460) E SEVENTY-FIRST AVE. 140 S Hamilton, Oakland. 1-story 4-room dwelling.
Owner—Melrose Realty Co.
Architect—None.
Contractor—Freeman & Cox, 4330 Pampas Ave., Oakland. $2500

DWELLING
(461) SEQUOYAH HEIGHTS, Oakland 1-story 7-room dwelling.
Owner—C. H. Collier.
Architect—None.
Contractor—J. A. Henas, 6922 Arthur St., Oakland. $5500

DWELLING
(462) W SEVENTY-THIRD AVE. 200 N Hamilton, Oakland. 1-story 4-room dwelling.
Owner—J. McIntosh, 6821 E-14th St., Oakland.
Architect—None. $2500

DWELLING
(463) N WISCONSIN 72 N Brown Ave Oakland. 1-story 4-room dwelling.
Owner—Jabe Tutnell, 1448 Madison St., Oakland.
Architect—None. $3000

ALT & ADD
(464) 2121 WEST ST., Oakland. Alt and addition.
Owner—E. A. Larson, premises.
Architect—None.
Contractor—J. T. Dingwell, 4915 Shafter Ave., Oakland. $1200

GRADING
(465) HEPBURN, MARTINEZ, Sanders St. and S. P. Right of way, San Leandro, Cal. Grading, excavating for gutter forms, concrete gutters and floors.
Owner—California Packing Corp., 101 California St., San Francisco.
Architect—None.
Contractor—J. Costello, 1119 Huff, San Leandro, Cal.
Filed Jan. 28, 1924. Dated Jan. 25, 1924.
One-half completed $1500
Completed and accepted 2050
Usual 36 days 1200
TOTAL COST, $4750
Bond, yes; Sureties, National Surety Co.; Forfeit, Limit, none; Plans and Specifications filed.

DWELLING
(466) REAR 1411 ARCH ST., Berkeley. 1-story 3-room dwelling.
Owner—Mrs. C. Larson, premises.
Architect—None.
Contractor—F. J. Clapham, premises. $2000

DWELLING
(467) 922 BANCROFT WAY, Berkeley. 1-story 5-room dwelling.
Owner—F. Tomasello, 2314½ 8th St., Berkeley.
Architect—None. $2000

DWELLING
(468) 2244 DERBY ST., Berkeley. 1-story 5-room dwelling and garage.
Owner—E. E. Carpenter, Hotel Whitcomb, Berkeley.
Architect—None. $3500

DWELLING
(469) 1181 GILMAN, Berkeley. 1-story 5-room dwelling.
Owner — &uintido Bianueci, 1632 6th St., Berkeley.
Architect—None.
Contractor—Bill Burgett, 937 Pomona Berkeley. $3000

DWELLING
(470) 2409 HILLSIDE AVE., Berkeley 2-story 7-room dwelling.
Owner — G. T. Douglas, 2427 Durant Ave., Berkeley.
Architect—None.
Contractor — J. Henry Wolbold, 1709 Pomona, Berkeley. $4500

DWELLING
(471) 1345 McGEE, Berkeley. 1-story 6-room dwelling.
Owner—C. H. Fox, 567 Kenmore Ave., Oakland.
Architect—None.
Contractor — Fox Bros., 567 Kenmore Ave., Oakland. $3500

DWELLING
(472) 1635 SACRAMENTO, Bkly. 1-story 6-room dwelling.
Owner—A. H. Ferrell, 560 Vermont St San Francisco.
Architect—None. $2700

REPAIRS
(473) 1600 SHATTUCK, Berkeley. Repairs.
Owner—J. Mayer, premises.
Architect—None.
Contractor — Joseph A .White, 1631 Edith St., Berkeley. $1000

ALTERATIONS
(474) E ADELINE 175 N 28th St., Oakland. Alterations.
Owner—W. J. Lawton, 2829 Chestnut St., Oakland.
Architect—None. $1500

DWELLING
(475) W FIFTY-EIGHTH AVE. 400 S Tevis St., Oakland. 1-story 4-room dwelling.
Owner—Martin Lien, 224 Durant Ave., Berkeley.
Architect—None. $2800

DWELLING
(476) 1289 HALMON RD, Oakland. 1-story 6-room dwelling.
Owner—H. J. Fisher, Syndicate Bldg., Oakland.
Architect—None. $5000

DWELLING
(477) S MONTANA 145 W Fruitvale Ave., Oakland. 1-story 5-room dwlg. and garage.
Owner—George H. Drydale, 2321 238th Ave., Oakland.
Architect—None. $3650

DWELLING
(478) NW COR. PORTER & OCTAVIA Sts., Oakland. 1-story 6-room dwlg.
Owner—Paul E. La Voice, 3351 Abby St., Oakland.
Architect—None. $3000

STORES ETC.
(479) E PARK ROAD 50 S Wellington, Oakland. 2-story stores and lodge rooms.
Owner—Henry Ruedy Jr.
Architect—None.
Contractor—B. F. Wooley, 707 Adams St., Albany. $21,000

DWELLING
(480) W SHAFTER AVE 88 N 38th St. Oakland. 1-story 5-room dwelling.
Owner—G. Sangiacomo, 458 9th Ave., Oakland.
Architect—None. $3500

DWELLING
(481) E SIXTY-FIFTH AVE. 600 N Trenor St., Oakland. 1-sto 6-room dwelling and garage.
Owner.—M. Hudson.
Architect—None.
Contractor—Chas. D. Lyon, 22 Murdock Court, Oakland. $4235

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

Jan. 25, 1924—LOTS 13 14 & 15 BLK. 6 Map of Broadway & Telegraph Army Park Tract, Oakland. California Builder Co. to whom it may concern .....Jan. 23, 1924

Jan. 24, 1924—LOT 3 MAP DOWLing Place San Leandro, Alameda Co. Glen H. Shumaker to E. J. McCord .....Jan. 22, 1924

Jan. 25, 1924—20 FT OF LOT 17 & 12 ft Lot 16 Blk 6 Map of Allendale Tract Brooklyn Township Alameda Co. Kramer Bros. to C. W. Kramer .....Jan. 9, 1924

Jan. 25, 1924—MEMORIAL STADIUM Berkeley. Regents of the University of Cal. to whom it may concern .....Dec. 15, 1923

Jan. 25, 1924—TWELFTH & BROADway, Oakland. Oakland Bank to P. H. Jackson & Co. .....Jan. 17, 1924

Jan. 25, 1924—LOT 4 & 5 HAVENScourt Addition, Oakland. James J. Francis to whom it may concern .....Jan. 24, 1924

Jan. 25, 1924 — EASTERLY LINE Scenic Ave. 451 ft S Vincent, Berkeley, Alva A. Davis to Cox Bros. ..... Jan. 19, 1924

Jan. 25, 1924—N S FORTY-FIRST ST 150 ft E of Telegraph Ave, Oakland. Chas. J. Baily to J. S. Swift.....Jan. 24, 1924

Jan. 24, 1924—1609 SIXTY-SEVENTH Ave., Oakland. Jean Le Paugh to whom it may concern ...Jan. 24, 1924

Jan. 24, 1924—2 BLOCKS W EXCELsior Heights, Oakland. Mary G. & Katherine Burke to Thomas F. L. Furlong .....Dec. 29, 1923

Jan. 24, 1924—7735 NEY AVE., Oakland. G. F. Sconyers to whom it may concern .....Jan. 23, 1924

Jan. 24, 1924—LOT 3 BLK 3 N CRAGmont, Berkeley. G. L. Benjlgerges to whom it may concern..Jan. 14, '24

Jan. 24, 1924—LOT 9 MAP SPRING Court, Berkeley. Prudence Cadwell Rogers to whom it may concern .....Jan. 23, 1924

Jan. 28, 1924—PORT. LOTS 70 & 71 Kellersberger Map of the Ranchos of Vicente & Domingo Peralta Mercantile Trust Co. to T. E. Nelson. .....Jan. 28, 1924

Jan. 28, 1924—LOT 10 BLK 1 MERImonte tract. Gertrude White to G. F. E. Estey & Son .....Jan. 26, 1924

Jan. 28, 1924—LOT 139 MAP OF SUBDivision of Peralta Park, Berkeley. R. Perratt to whom it may concern .....Jan. 10, 1924

Jan. 28, 1924—LOT 26 BLK C Northbrae. R. Perratt to whom it may concern .....Jan. 25, 1924

Jan. 28, 1924—W MATHER ST. 44-6 S of Blake St., Oakland. W. McArthur to whom it may concern .....Jan. 28, 1924

Jan. 28, 1924—LOT 35 W 5 FT. LOT 34 BLK E Lakeshore Hills. Oakland. Mrs. G. B. Evans to Chas. E. Bardwell Jr. .....Jan. 28, 1924

Jan. 28, 1924—2550 SIXTY-THIRD Ave., Oakland. D. W. Parks to whom it may concern..Jan. 28, 1924

Jan. 28, 1924—LOT 34 BERLIN ORchard Tract. E. T. Berlin to whom it may concern.....Dec. 10, 1923

Jan. 26, 1924—LOT 35 GRAND AVE Terrace, Oakland. Ephrian Field to whom it may concern.Jan 22, 1924

Jan 26, 1924—LOTS 18 AND 19 BLK 2097 Map Alden Tract at Temescal. Angelina and Lorengo Triberti to John Armelios .....Jan. 25, 1924

Jan. 26, 1924—LOT 5 BLK 1, Havenscourt, Oakland. Wm Vivian to whom it may concern..Jan. 19. 1924

Jan. 29, 1024—N END LOTS 3 & 4 Blk 11 Fitchburg Homestead Tct. J. W. Vanderpool to whom it may concern .....Jan. 28, 1924

Jan. 29, 1924—SE 22 FT OF LOT 45 Linhores J. and Cosie Linhores to E. T. Matteson .....Jan. 26, 1924

Jan. 29, 1924—LOT 11 BLK 3 Miramonte Tract No. 1332 McGee Ave. H. Normandie to whom it may concern .....Jan. 28, 1924

Jan. 29, 1924—LOT 13 BLK A 4TH Ave Park, Oakland. M. Benfer to whom it may concern..Jan. 28, 1924

Jan. 29, 1924—LOT 33 BELVEDERE Terrace Oakland. A. J. Flagg to whom it may concern...Jan. 26, 1924

Jan. 29, 1924—S 8.33 FT LOT 17 ALL Lot 18 Blk 14 Map of Solano Ave Terrace. E. Teicheira to whom it may concern .....Jan. 29, 1924

Jan. 28, 1924—NO. 1260 SEMINARY Ave., Oakland. G W Miller to C D King.....Jan. 21, 1924

Jan. 28, 1924—W EIGHTY-SEVENTH Ave 285 N Plymouth St., Oakland. A Cometto to Harry H Begier..... .....Jan. 21, 1924

Brown to J. Silva .....Jan. 20, 1924

Jan. 29, 1924—PORT LOT 10 BLK K May of Lands Adjacent to Town of Encinal, Alameda County. Anna Anderson to whom it may concern .....Jan. 29, 1924

Jan. 29, 1924—LOT 13 BLK C "The Oaks" H. N. Cheeseborough to Alex C. Wieben.....Jan. 18, 1924

Jan. 29, 1924—NO 2121 FORTYseventh Ave., Oakland. A. W. Grey to whom it may concern..Jan. 25, '24

Jan. 29, 1924 — SW 35 FT LOT 87 "Nova Piedmont," Piedmont. W. G.

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Jan. 25, 1924—LOT 57 BLOCK 163 Map San Antonio Court, City of San Leandro, Alameda Co. E. J. McCord vs Roland Esteves ...$219.51

Jan. 25, 1924—LOT 18 MAP NO. 2 OF Property of William O'Neill, Oakland Township. Contractor and Builders Supply Co. vs Mary T. Cane $754.17

Jan. 29, 1924—SW MILVIA & ADDIson Sts. being Ptn Lot 5 Blk 2 Map of Tract of Berkeley L. T. I. Assn. Berkeley Steel Construction Co. vs G. F. Bertin & Margaret Bertin $344.28

Jan. 29, 1924—BEG. FT OF INTERsection center line co. rd. No. 678 known as Lake Chabot road No. 76 deg 32 min east 272.42 ft No. 87 deg. 44 min. East 374.17 min. So 2 deg. 16 min. 388.91 ft. E. F. Brunner and Rush L. Brunner vs A. I. Markwell and Ida Louise Markwell $121

Jan. 26, 1924—NO. 800 MENDOCINO Ave Map Berkeley Square, Berkeley John H Fiuren and A Arneson vs Ray Simonds $181.25

Jan. 26, 1924—LOT 3 BLK 10, Berkeley Heights, Berkeley. J F Thomas and Harry Meyer vs W H Merrall.. .....$750

Jan. 26, 1924—NO. 841 SAN LUIS RD, Berkeley. R C Traylor vs C A McDaniels and W B Fields.....$96

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

Jan. 24, 1924—E 30 FT. OF LOT 45 and the W 5 ft. of lot 46 Blk 1426 Map Berkeley ppty maps 1 & 2 Blake Tract, Berkeley. Bernard Bahnsen to Narcy M. Rice.....$513

Jan. 24, 1924—LOT 2 BLK N MAP Peralta Hd Assn. Oakland. L. H. Butcher Co. cptn. to Fire Ritardent Products Co.....$1544.85

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

ALTERATIONS
FRESNO. All work for extension to compressor and exhaust building at gas plant.
Owner—Pacific Gas & Electric Co.
Architect—None.
Contractor—Howard Dickey, 150 Howard St., Fresno.
Filed Jan. 24, '24. Dated Jan. 10, '24.
Work performed 75%
Usual 35 days.....Balance
TOTAL COST, $3740
Bond, $1800. Surety, Fidelity & Deposit Co. of Maryland. Limit, 30 working days. Forfeit, none. Plans and specifications filed.

ENGINE HOUSE ETC.
NW 25 FT OF LOT 7 BLK B SELMA. All work for 2-story brick engine house and city hall.
Owner—City of Selma.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Architect—J. R. Henderson, Cor. San Joaquin and J Sts., Tulare.
Contractor — Squire Cooper, 1375 College, Fresno.
Filed Jan. 23, 1924. Dated Jan. 17, 1924.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $8845
Bond, none; Forfeit, $10 per day; Limit, 61 working days; Plans, filed; specifications, none.

CHURCH, $14,000; No. 740 Olive Ave., Fresno; owner, First United Presbyterian Church; contractor, Yarnell & Garges, 1026 S-4th St., Fresno.
ADDITIONS and alterations, $5000; Fulton and Kearn Sts., Fresno; owner, E. Gottschlak, 3401 Huntington Blvd., Fresno; contractor, Trewhitt-Shields, Rowell Bldg., Fresno
STORES, $30,000; 1222-36 Van Ness Ave Fresno; owner, Annie S. Wallace; contractor, R. F. Felchlin Co., T. W. Patterson Bldg., Fresno.
DWELLING, $7350; 236 Hawes Avenue, Fresno; owner, K. B. Hts Co; contractor, C. E. Buckmaster, 2133 Kearn St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Jan. 25, 1924—LOTS 19, 20 BLK 2, Kings Orange Manor, Fresno. W. H. Peters to whom it may concern .....Jan. 25, 1924
Jan. 23, 1924—LOTS 21 TO 24 BLK 31, Reedley. L R Webb to V G Johnsen.....Jan. 22, 1924
Jan. 29, 1924—LOTS 33 AND 34 BLK 5, Dean Park, Fresno. Francis M Dyer to Wm A Beran..Jan. 28, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
Jan. 23, 1924—LOT 6 BLK 45, Sierra Vista Acres, Fresno. J B Hopper vs Lora A and W A Hopper.....$595
Jan. 23, 1924—SAME. T M Hopper vs Same $499
Jan. 23, 1924—SAME. B Lain vs Same .....$400.
Jan. 23, 1924—LOT 42 S ½ Lot 43, Nishkian Tract, Fresno. Inland Mfg Co vs J A Schlotthauer....$29
Jan. 23, 1924—LOTS 1 AND 2, Nishkian Tct, Fresno. Same vs Same 041
Jan. 23, 1924—LOTS 23 AND 24, Nishkian Tract, Fresno. Same vs Same..$34
Jan. 23, 1924—FRONT 75 feet Lots 1, 2 and 3 Blk 85, Fresno. H A Hood vs F M Roessler and E A Friedland $136
Jan. 23, 1924—LOTS 1 AND 2 BLK 1, Fresno Home and School Tract, Fresno. Tom Prichard Planing Mill Co vs B G Townsend.....$890
Jan. 25, 1924—PORT BLOCK 4, San Mateo. E. D. Swift Ailas Swift & Co. vs F. E. Haywards, T. & Diana Hagevoll $788.75
Jan. 25, 1924—PORT OF LOT 7 MAP of Drexler Tract, San Mateo. E. D. Swift Ailas Swift & Co. vs V. E. Haywards, Evasio Dassola et al.... .....$1248.12
Jan. 24, 1924—LOT 39 S ½ LOT 40 Lot 42, S ½ Lot 43, Nishkian Tct., Fresno. W. T. Swinson vs J. A. Schlotthauer $445
Jan. 24, 1924—LOT 42 S ½ LOT 43, Nishkian Tract, Fresno. Sunset Lumber vs Same $884
Jan. 24, 1924—LOT 39, S ½ LOT 40, Nishkian Tract, Fresno. Same vs Same $822
Jan. 24, 1924—LOTS 39, 40, BLK 9, North Calwa Add. Calwa. Routt Lumber Co. vs C. C. Ayers.....$73
Jan. 24, 1924 — LOTS 1, 2 BLK 1, Fresno Home and School Tract. R. O. Deacon Inc. vs B. G. Townsend. $204
Jan. 25, 1924—LOTS 56 TO 59, BLK 2 Recreation Park, Fresno. Routt Lumber Co., Inc. vs D. E. Dewey.$255
Jan. 25, 1924—NW¼ OF SE ¼ OF Sec. 8, 16-19. Henry S. Cederquist vs Albert Boast et al.....$236
Jan. 26, 1924—LOTS 1, 2, BLK 1 Fresno Home & School Tract, Fresno. B. J. Schulte vs B G Townsend $163
Jan. 26, 1924—SAME. Smith Hdwe Co vs Same. $63
Jan. 26, 1923—SAME. Fresno Bldrs. Supply Co. vs Same $48
Jan. 26, 1924—LOTS 35, 36, WHITEhouse Tract, Fresno. Same vs Same $53
Jan. 26, 1924—LOT 6 BLK 45 SIERRA Vista Add No. 5, Same vs Lora A. and W. A. Hopper $52
Jan. 29, 1924—LOTS 1 AND 2 BLK 1, Fresno Home & School Tct, Fresno W R Van Wagner vs B G Townsend $268
Jan. 29, 1924—LOT 6 BLK 45, Sierra Vista Add No. 5, Fresno. W R Van Wagner vs Lora A and W A Hooper $444

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING
LOT 2416 Elmhurst. All work for 5-room dwelling.
Owner—Adeline and William Cabler.
Architect—None.
Contractor — Frank Maloney, 1801 U St., Sacramento.
Filed Jan. 22, '24. Dated Jan. 22, '24
TOTAL COST, $4460
Bond, limit, forfeit, none. Plans and specifications filed.

PAINTING
SACRAMENTO, All painting on Hotel Senator.
Owner—Hotel Senator Corp.
Architect—None.
Contractor—D. Zelinsky & Sons, 180 Jessie St., San Francisco.
Filed Jan. 27, 1924. Dated Jan. 16, 1924.
Payments not given.
TOTAL COST, $31,100
Bond, Forfeit, Limit none; Plans none; Specificatins filed.

ROOFING
SACRAMENTO. All roofing for Hotel Senator.
Owner—Hotel Senator Corp.
Architect—None.
Contractor—Larson Roofing Supply Co.
Filed Jan. 27, 1924. Dated Jan. 16, 1924.
Payments not given.
TOTAL COST, $1460
Bond, Forfeit, Limit, none; Plans none; Specifications filed.

DWELLING, 1-story 6-room and garage, $2800; 3701 Miller Way, Sacramento; owner, H. G. Birdsall.
DWELLING, 1-story 5-room, $2500 3733 Miller Way, Sacramento; owner, H. G. Birdsall.
DWELLING, 1-story 5-room, $2500; 1116 34th, Sacramento; owner, G. F. Raffetto, 1727 J, Sacramento; contractor, H. G. Birdsall.
DWELLING, 1-story 5-room and garage, $2500; 3260 San Jose Way, Sacramento; owner, Greer & Harrigan; contractor, H. G. Birdsall.
DWELLING, 1-story 6-room, and garage, $6000; 2927 24th, Sacramento; owner, Greer & Harrigan, 708 J, Sacramento; contractor, H. S. Bidwell, 1503 13th, Sacramento.
DWELLING, one-story 5-room and garage, $2500; No. 332 33rd St., Sacramento; owner, Peart Bros., 3001 J St., Sacramento.
DWELLING, one-story 5-room and garage, $4000; No. 3278 4th Ave., Sacramento; owner, I. E. Frances; contractor, Haworth & Eckley, 1528 T St., Sacramento.
DWELLING, one-story 5-room and garage, $3200; No. 906 S St., Sacramento; owner, John Kanert, 900 S St., Sacramento; contractor, Chas. J. Peterson, North Sacramento.
PUBLIC garage, one-story and basement, $47,240; No. 715-23 I St., Sacramento; owner, John Rasmussen, 1225 41st St., Sacramento; contractor, F. A. Foale, Ochsner Bldg., Sacramento.
STORE building, one-story (2), $9000; No. 320 M St., Sacramento; owner, Carrigan Bros., 1810 15th St.
DWELLING, one-story 4-room and garage, $2800; No. 2621 C St., Sacramento; owner, Richard McIlroy, Vermont Hotel, Sacramento.
APARTMENTS, two-story 6 2-room and 2 stores, $22,000; No. 1412-14 J St., Sacramento; owner, Berquest & Rhoden, 916 J St., Sacramento; contractor, N. Martinelli, 1230 E St., Sacramento.
DWELLING, one-story five-room and garage, $4400; No. 919 35th St., Sacramento; owner, G. W. Wilington, 710 11th St., Sacramento; contractor, W. T. Whitsell, Fair Oaks.
DWELLING one-story 6-room and garage, $4000; No. 1053 35th St., Sacramento; owner, G. H. Atkins, 615 26th St., Sacramento; contractor, H. M. Earle, 1036 Dolores Way, Sacramento.
ADDITION, $12,000; No. 1115 Second St., Sacramento; owner, N. R. Mehra; contractor, H. Goldman, 624 M St., Sacramento

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Amount
Jan. 22, 1924—LOT 8, Cast Loma Terrace, Sacramento. Guy Clark to whom it may concern....Jan. 9, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Jan. 22, 1924—LOT 3110 Goethe Col. 31, Sacramento. Sunset Lumber Co vs William M Christie.....$524 68
Jan. 27, 1924—LOT 9 POLK TRACT Amd. Sunset Lumber Co. vs Daniel B. Martin $301.20

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

RESIDENCE, $4000; No. 1731 W-Acacia St., Stockton; owner, E. L. French.
REMODEL, $11,000; No. 105 E-Acacia St., Stockton; owner, Mrs. D. J. Hoult.
GARAGE, $9500; No. 238 E-Miner St., Stockton; owner, S. Lerner, 18 E-Flora St., Stockton.
RESIDENCE,, $2800; No. 1636 W-Popular St., Stockton; owner, Thomas Suing.
RESIDENCE, $2500; No. 1669 E-Channel St., Stockton; owner, J. W. Williams, Wilson Ave., Stockton.
GARAGE, $15,000; No. 225 N-American St., Stockton; owner, J. H. Coley.
RESIDENCE, $3850; No. 1733 S-Commerce St., Stockton; owner, S. Lucas, 1709 S-Commercial St., Stockton.
RESIDENCE, $2750; No 2267 S-East St., Stockton; owner, M. J. Drais, Bank of Italy Bldg., Stockton.
RESIDENCE, $6000; No. 345 W-Willow St., Stockton; owner, Wm. Pesentra
REMODEL, $5000; No. 2031 E-Fair Oaks St., Stockton; owner, G. D. Webb, 535 Fair Oaks Ave., Stockton
RESIDENCE, $4000; No. 1120 W-Flora St., Stockton; owner, M. E. Taylor, 928 Pleasant St., Stockton.

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW
LOT 8 BLK 31, Easton Addition, Redwood. All work for bungalow.
Owner — Eugene E. and Agustak Fiecq, Redwood City.
Architect—None.
Contractor—M. J. Messich, Redwood City.
Filed Jan. 28, '24. Dated Jan. 22, '24.
Frame up $700
Plastered 700
Completed 700
Usual 35 days..... 800
TOTAL COST, $2500
Bond, $3000 Surety, Hartford Accident & Indemnity Co. Limit, 90 working days. Forfeit, none. Plans and specifications filed

BUNGALOW
LOT 20 BLK 3, North Fair Oaks. All work for bungalow and garage.
Owner—M. A. Vroman.
Architect—None.
Contractor—J. R. Gitting.
Filed —. '24. Dated Jan. 28, '24
Frame up $400
Closed in 350
Plastered 350
Completed 200
Usual 35 days..... 183
TOTAL COST, $1483
Bond, limit, forfeit, none Specifications only filed.

SEQUOIA HIGH SCHOOL. Furnish full equipment for high school cafeteria.
Owner — Sequoia Union High School District.
Architect—Werner & Coffy, Santa Fe Ave., San Francisco.
Contractor—Hull Bros.
Filed Jan. 28, 1924. Dated Dec. 10, 1923.
Material delivered & set up $2540.55
Usual 35 days $47.00
TOTAL COST, $3387.55
Bond, $1693.50; Sureties, Fidelity and Deposit Co.; Forfeit, $5; Limit, 20 days; Plans and specifications, none.

ALTERATIONS
NO. 95 WEST POPLAR AVE., BURlingame. Alterations to one-story residence.
Owner—Mrs E. H. Casgriff, 110 Walnut St., San Francisco.
Architect—J. E. Norberg & B. S. Hayne 604 Balboa Bldg., San Francisco.
Contractor—G. W. Williams 1321 Capuchino Ave., Burlingame.
Filed Jan. 24, 1924. Dated Jan. 15, 1924.
Contractor's fee $300
On issue of cont. by archt.....50%
Usual 35 days .....Balance
TOTAL COST, $3000
Bond, Forfeit, Limit, none; Plans and specifications filed.

RESIDENCE
PORT OF LOT 2 & ALL OF 3 BLK 14 Easton Add, Burlingame. All work for residence.
Owner—Pauline Claussen.
Architect—None.
Contractor—The Larsen Bldg. Co.
Filed Jan. 24, 1924. Dated Jan. 17, 1924.
Framed $2282
Plastered 2282
Completed and accepted 2282
Usual 35 days 2284
TOTAL COST, $9130
Bond, Forfeit, Limit, none; Plans and specifications filed.

DWELLING, $8000; E ½ Lot 277, West Poplar Ave., San Mateo; owner, Leadley & Wiseman, 207 Second Ave., San Mateo.
REPAIR dwelling, $3000; No. 95 West Poplar Ave., San Mateo; owner, Mrs. E. H Cosgrove, 110 Walnut St., San Francisco; contractor, G. W. William, 1321 Capuchino Ave., Burlingame.
DWELLING and garage, $11,000; 75 ft. Lot 258 Occidental Ave., San Mateo; owner, Sterling Investment Co., Nearst Bldg., San Francisco.
DWELLING and garage, $5000; Lot 22 Blk K, 13th Ave., San Mateo; owner, Oscar Newcomb; contractor, W. O. Nicholaides, 218 Peninsula Ave., San Mateo.
BUNGALOW and garage, $5000; Lot 6 Blk 56, Easton Drive, Burlingame; owner, J. B Oswald.
BUNGALOW and garage, $4000; Lot 5 Blk 45, Bernal Ave., Burlingame; owner, Chas. J. Adams, 115 Arundel Road, Burlingame.
ALTERATIONS and additions, $4000; No. 41 Highland Ave., Burlingame; owner, F. G. Broderick.
BUNGALOW and garage, $5000; Lot 8 Blk 5, 4th Ave., Burlingame; owner, Mrs. Waldon and Mrs. Gileded; contractor, M. C. Glass.
DUPLEX bungalow and garage, $6000; Lot E Blk 5, Florabunda Ave., Burlingame; owner, W. A. Rutherdale, 1129 Bernal Ave., Burlingame.
BUNGALOW and garage, $4000; Lot 9 Blk 32, Sanchez Ave., Burlingame; owner, J. W. Rutherdale, Pacific Realty Co., Burlingame.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Jan. 23, '24—LOT 22 BLK 16 BLGME Grove, Burlingame. Barbara E. Mitchell to whom it may concern .....Jan. 21, 1924
Jan. 23, '24—LOT 34 BLK 26 CROCKer Tract No. 1, Daly City. Edwin Allsebrook to whom it may concern .....Jan. 22, 1924
Jan. 25, 1924—REDWOOD HIGHlands, Redwood City Highlands Co to A. Teicher & Son....Jan. 19, 1924
Jan. 25, 1924—LOT 9 BLK 28 REDwood Highlands. Redwood Highlands Co. to whom it may concern .....Jan. 14, 1924
Jan. 25, 1924—LOT 6 BLK 34 EASton No. 2. E. W. Torells to Thos. N. Gesse .....Jan. 5, 1924
Jan. 25, 1924—LOT 12 BLK 3 BURlingame Park No. 4, Burlingame. Paul E. Chapman to whom it may concern .....Jan. 21, 1924
Jan. 25, 1924—NO. 14 NINTH BLGME Add to Burlingame. W. I. Simonds et al to whom it may concern.... .....Jan. 17, 1924
Jan. 28, 1924—LOT 10 BLK 33, San Carlos. Henry P and Lena Wilson to whom it may concern.Jan. 25, 1924
Jan. 28, 1924—LOT 7 BLK 5, Crocker Estate Tract. Horace Fellows to whom it may concern..Jan 23, 1924
Jan. 28, 1924—LOT 17 BLK 7, Burlingame Sub 2, Burlingame. Estelle L Little to The S——— Bldg Co. .....Jan. 25, 1924
Jan. 26, 1924—LOT 20 BLK 2, Easton No. 1, Burlingame. Lillian R Randles to whom it may concern... .....Jan. 25, 1924
Jan. 29, 1924—LOT 9 BLK 1, Burlingame Grove, Burlingame. F E McIntosh to W C Finnell & Son.... .....Jan. 24, 1924
Jan. 29, 1924—LOT 43 BLK 6, Crocker Estate Tract No. 1, Daly City. Theodore Van Winsen to whom it may concern.....Jan. 28, 1924
Jan. 29, 1924—LOT 10 BLK 18, Dingee Park, Redwood. A R Chapman to H W Arnold.....Dec 5, 1923
Jan. 29, 1924—PTN LOT 31, Thompson's Sub. Nora A Morey to whom it may concern.....Jan. 28, 1924

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Jan. 28, 1924—LOT 6 BLK 16 Town of Burlingame. Ingvrad Sorensen vs Anna M Hughes.....$283.50
Jan. 29, 1924—LOT 1 BLK 43, Easton No. 4, Burlingame. San Mateo Feed & Fuel Co vs Henry C Brown and M J Soto and J O Connor & Sons.$107

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
Jan. 28, 1924—LOT 6 BLK 16 Town of Burlingame. Ingvrad Sorensen to Anna M Hughes $283.50
Jan. 29, 1924—LOTS 2 AND 3 BLK 12, Burlingame Terrace, Burlingame, San Mateo Feed & Fuel Co to H Rumpf and M J Soto.....$71.75

BUILDING CONTRACTS

SANTA CLARA COUNTY

COTTAGE, 4-room, $2100; Charleston near Prevost St., San Jose; owner, P. J. Arnerich, 316 Auzerais St., San Jose.
COTTAGE, 5-room, $1800; Twenty-second near Beach, San Jose; owner, B. E. Baker, 1064 E-San Antonio St., San Jose.
COTTAGE, 4-room, $1000; 21st and Jackson Sts., San Jose; owner, Jno. Batello; contractor, Jos. Borghino.
RESIDENCE, 7-room, $7535; First St. near Taylor, San Jose; owner, M. B. Bell, 91 Pierce St., San Jose; architect, B. J. Smith, 33 Schiele Ave., San Jose; contractor, F. C. Nelson.
COTTAGE, 5-room, $3000; 5th St. near Patterson St., San Jose; owner, A. Cambiano, 741 S-5th St., San Jose; contractor, C. W. De Hegy, 903 E-Julian St., San Jose.
COTTAGE, four-room, $1950; Fifteenth St., near Washington, San Jose; owntr, E. A. Folsom; contractor, Logan Kay.
COTTAGE, five-room, $1985; St. John St., near 31st, San Jose; owner, B Gamble.
BUNGALOW court apartments, $25,000; Park St. near Market, San Jose; owner, M. J. Glennon, architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, R. O. Summers, 17 N-First St., San Jose.
RESIDENCE five-room, $4500; Fourteenth St. near William, San Jose; owner, R. E. Kinney.
ALTERATIONS, $1000; No. 476 S-Tenth St., San Jose; owner, Jos. F. Maxwell, 476 S-Tenth St., San Jose.
ALTERATIONS, $5250; No. 367 E-Santa Clara St., San Jose; owner, O. C. McDonald, 16 S-10th St., San Jose; contractor, Jas. Lemieux, 577 S-6th St., San Jose.
COTTAGE, four-room, $2000; Twenty-sixth near St. John, San Jose; owner, Mr. Olivera.

BUILDING CONTRACTS

CONTRA COSTA COUNTY

PERMITS

DWELLING, one-story frame, $2500; S-Florida St., bet. 35th and 37th Sts., Richmond; owner, H. R Wilkerson, R. F. D. No. 1, Box 92, Richmond.
ALTER rooming house (24 rooms), $2000; N-Mancilla bet. Clearence & Contra Costa Sts., Richmond; owner, S. Aimo, Cor. 3rd and Mariposa Sts., San Francisco.

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Published Every Saturday
Twenty-fourth Year No. 6

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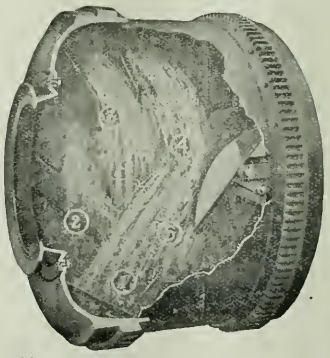

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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GOVERNOR NAMES BOARD TO STUDY STATE HIGHWAYS

Governor Richardson has appointed an advisory committee to study the state highway system and make recommendations for the next legislature. This committee is appointed under an act of the last legislature and consists of the following members:

J. B. Gill of San Bernardino, former county highway commissioner; J. H. Newman of Tulare county, former chairman of the board of supervisors; E. E. East, engineer of the Southern California Automobile Club; A. E. Loder, engineer of the California State Automobile Association; A. H. Breed, state senator of Alameda county; Elmer Bromley, assemblyman of Los Angeles; G. G. Radcliff, chairman of the state board of control; Louis Everding of the state highway commission, and R. M. Morton, state highway engineer.

In appointing this committee the governor said: "The people have heretofore voted $73,000,000 for the construction of highways, and this amount has been expended or contracted for. By acts of the people and by acts of the legislature, the highway system now comprises 6400 miles of highways. Less than 2500 miles of this has been paved, and less than 4000 miles has been graded.

"The state highway engineer estimates that it will require $200,000,000 to complete the state highway system as it now exists and in accordance with the standards demanded by the present traffic.

COMMITTEE APPOINTED TO MAKE CEMENT SURVEY

The Secretary of Commerce has appointed an advisory committee to make, under the general direction of the Department of Commerce, a comprehensive survey of the properties and uses of cement and concrete. The committee will co-operate with the Bureau of Standards and officials of the Department.

The committe consists of John Lyle Harrington, Chairman, Engineer, Kansas City, Missouri; C. H. Baynton, Cement Manufacturer, New York, N. Y.; N. Max Dunning, Architect, Chicago, Illinois; H. C. Turner, Contractor, New York, N. Y., and Charles M. Upham, Highway Engineer, Raleigh, North Carolina.

The cement industry has grown so rapidly and has achieved such great importance in the United States and the use of cement in the construction of roads, bridges and buildings has become so great and so diversified that the intelligent and appropriate use of this material became a matter of great economic interest to the public

Research work is now being carried on by the Bureau of Standards and by various public and private research labortories and commercial and professional organizations in the properties, characteristics and proper use of cement; in the improvement of methods, equipment and appliances tending toward improved efficiency and economy; the seasonal use of cement, especially in winter weather, important in its relation to continuity of employment of labor and the elimination of "peaks" and "depressions" and the spread of manufacture and distribution more evenly.

It is proposed through the survey to co-relate for the benefit of the industry and the public the results of such scientific and technical activities and to center in and under the direction of the Department of Commerce a thorough and disinterested study of the entire subject. It is believed that such concentration of effort as the committee proposes to bring about will produce material results in the elimiatoin of wasteful duplication of effort, and effect savings to the public and result in benefit to the manufacturer.

NEW SPECIFICATIONS FOR STATE HIGHWAYS

Discussing new specifications for California highways of the future, State Highway Engineer R. M. Morton, recently, had the following to say:

"New specifications under which we expect to advertise several sections of highway will provide for a minimum thickness of six inches of concrete, with edges increased to nine inches in three feet. Only in exceptional cases will reinforcing be used.

"The minimum width will be 20 feet; center paper joints will be provided and we are considering expansion joints 1½ inches in width, spaced 100 feet apart, filled with a mixture of asphalt and sawdust.

"Each job will constitute a separate study as to the width and type of surfacing. The minimum width will be 20 feet and we shall build up to 40 feet on highways carrying above 5000 vehicles a day."

MATERIALS USED IN BUILDING TABULATED

The price situation, particularly in the basic building materials, is one of decided firmness, according to Engineering News-Record's weekly survey of market condition. Increased demand is noticeable in iron, steel and textiles, while a slight decrease is reported in the leather industry.

Although there is curtailment in many industries, present conditions are exactly opposite those of a year ago, in that purchasing is now confined to actual requirements and shows little tendency toward speculation.

In the building materials' market, firmness is noted in c. i. pipe sand, gravel, crushed stone, pine and fir timbers, lump lime, common brick and linseed oil, in the nine cities reporting weekly. Slight declines, however, are reported on steel pipe and hydrated lime in Atlanta and ¾-in. gravel in Dallas.

A strengthening of the lumber movement of the country followed close upon the holiday slump. Marked increases are noted in production, shipments and orders, compared with the week of December 29.

The steel situation is briefly described as follows: Structural steel sales for December, heaviest since April, 1923, and 31 per cent greater than for corresponding month in 1922. Fabricators working at 81 per cent of capacity with greater volume of bookings ahead than has been realized during any month since March, 1923 No. 2 foundry iron firmer at Birmingham. Maximum quotation $23, against $22 per ton last week. Better demand for basic iron. Pig iron output slightly increased. Iron and steel scrap prices tending higher. While there is no immediate prospect of higher steel prices, the increase in December unfilled tonnage shows an awakening of demand; this would serve to forestall any decline from the $2.40 base on bars and $2.56 per 100 lbs. level for plates and shapes. Active buying in steel sheets.

EAST BAY RESERVOIR PROJECT IS AUTHORIZED

The East Bay Water Company has been authorized by the State Railroad Commission to issue not exceeding $2,250,000 par value of its unifying and refunding mortgage bonds, and not exceeding $1,162,500 par value of its six per cent Class A preferred stock, or in lieu thereof, not exceeding $3,158,000 of notes, for the purpose of acquiring the necessary properties, and constructing the Upper San Leandro Dam and Reservoir Project, for the purpose of developing an additional water supply for the East Bay District.

The Commission finds that the project is a necessary one, the Commission pointing out that it was agreed by all parties participating in the hearing conducted by the Commission on the application that additional water should at once be made available to the east bay communities. The Commission holds that responsibility for an additional water supply for east bay communities rests with the East Bay Water Company, and the Commission does not believe that the Company should be required to submit to supervision during construction of the project by the East Bay Municipal Utilities District,

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Building operations in San Francisco for the month of January, 1924, totaled $3,178,413, according to Chief Inspector of Buildings, John P. Horgan of the Department of Public Works. During the past month 773 permits were issued as compared with 746 permits in December, 1923, totaling $4,952,444 and 718 permits in January 1923, totaling $3,205,811. No large projects were included in the operation of the past month, the bulk of the construction going into homes with apartment and flat buildings following the trend. Considerable activity is noted in the erection of new industrial plants and construction of additions to standing structures. The following is a summary of construction undertaken during the months of December and January, 1923 and January 1924, as compiled from records of the City Building Department:

	Dec., 1923		Jan., 1923		Jan., 1924	
Class	No. of Permits	Cost	No. of Permits	Cost	No. of Permits	Cost
A	2	$1,700,000	...	.....	2	$ 275,000
B	2	570,000	1	150,000	...	.....
C	29	688,870	34	1,174,450	22	573,590
Frame	300	1,657,150	266	1,670,723	363	1,945,755
Alterations	412	318,620	417	210,638	385	353,913
Harbor Bldgs..		.....	...	.....	1	30,155
Pub. Bldgs.	1	17,805	..	.....	...	.....
Total ...	746	$4,952,444	718	$3,205,811	773	$3,178,413

"In spite of the unprecedented total of building construction during 1923, amounting to approximately four billion dollars for the contracts awarded in 36 states, there are good reasons to believe that there is a large cumulative demand hanging over from the year, which is still far from being satisfied," remarks the mid-month review of the Irving Bank-Columbia Trust Company, New York. "According to the National Industrial Conference Board, the recent rent paid by wage earners throughout the country averages approximately 80 per cent above the 1913 level. It is a striking fact that the membership in building trades unions was less in 1923 than in 1920, showing that there must have been improvement in efficiency of organization in the industry."

West coast lumber report for the week ending January 26, manufactured 103,564,537 feet of lumber; sold 113,635,441 feet; and shipped 114,078,614 feet; 18 per cent normal. New business 10 per cent above production. Shipments less than one-half per cent above new business. Unfilled domestic cargo orders 140,766,785 feet. Unfilled export orders 230,325,680 feet. Unfilled rail trade orders 5984 cars. In the four weeks of the fear, production has been 357,198,413 feet; new business 394,781,325 feet, and shipments 360,317,564 feet.

Arrangements have been completed by the Fresno Builders' Exchange with the Sun Maid Raisin Growers' whereby each delegate to the Common Brick Manufacturers' Convention scheduled for Los Angeles, February 11 to 16, will be presented with a brick-shaped box containing one pound of San Joaquin county raisins. Three brick manufacturers will represent Fresno at the convention, Frank J. Raycroft, H. W. Shields and J. C. Ryland.

Western Pacific Railroad announces $6,000,000 will be expended during 1924 in the purchase of new equipment and additions and betterments to system. Extensive improvements are contemplated at Marysville, Stockton and Oakland, Calif.

State Highway Commission contemplates widening the state highway from Redwood City to the Santa Clara county line, near Palo Alto, a distance of approximately 3½ miles.

Two new Swedish inventions, which promise to be of considerable importance in the building world, one a new method of producing window glass and the other a new composition board for ceilings and wall linings, are announced. The problem of electro-melting of glass for windows has been solved by the Swedish engineer. The new wall board is an invention combining waste paper, clay, and sulphate lye so as to make a material which fills all the needs of builders and decorators.

To find out what cities of the country are underbuilt and which overbuilt, the National Association of Building Owners and Managers plan to make a nation-wide building survey. "If we find a real need for construction of office buildings in certain cities, we shall have furnished prospective owners an exact knowledge of the situation so that they may proceed with their building plans," Earle Shultz, president of the association says.

Seattle Building Trades Council reports slackening in call for experienced craftsmen in building trades. Plasterers, bricklayers, carpenters and sheet metal workers are available in numbers sufficient to handle all construction work thus far announced for immediate attention.

At a recent meeting of the Stockton (Calif.) Lathers, Local 98, new by-laws were adopted which will bar all contractors from membership. This eliminates the attendance of all bosses at the meetings and hereafter the union will be conducted strictly as a journeyman's local.

Oakland city council has authorized the closing of several streets which will permit the H. J. Heinz Company, manufacturers of the "57 varities," to proceed with the construction of a $1,000,000 plant.

Klamath, Ore., reservation Indians are planning to send representatives to Washington to obtain permission to sell reservation timber valued at $35,000,000 with payments extending over a long period of years.

Portland, Oregon, during the month of January, reports the issuance of 964 building permits for improvements totaling $1,778,275 as compared with a total of $1,407,750 in December, 1923.

ALONG THE LINE

H. E. Warrington, bridge engineer with the State Highway Commission at Sacramento for the past four years, has resigned and will enter private practice in San Francisco or Los Angeles. Warrington was bridge engineer of Los Angeles county before joining the staff of the highway commission. Harland D. Miller, an assistant, will act as bridge engineer pending the appointment of a successor to Warrington by the commission.

The American Mining Congress has changed the date of its annual convention, slated for Sacramento, to the week beginning September 29 and the closing October 4, according to an announcement of J. F. Callbreath, organization secretary. The conclave was originally set for late in October.

Edward Hyatt, Jr., deputy chief engineer in the State Department of Public Works, Division of Water Rights, has been appointed chief of the division until a successor to Major H. A. Kluegel is selected. Major Kluegel recently resigned to enter private practice.

Shannon Construction Co., capitalized at $25,000, has been incorporated at Sacramento. Directors are: M. D. Shannon, J. H. Duncan, G. L. Popert, all of Sacramento, F. W. Bishop of Fair Oaks and A. B. Duncan of Oakland.

Contracting Plasterers' Association of Seattle, announces the removal of its offices to larger quarters at 3121 Arcade Bldg., Seattle. Offices were formerly maintained at 4184-85 Arcade Bldg. S. S. Wilson is secretary of the organization.

Karl Brehme and Lars Jorgensen have filed notices of co-partnership, operating under the name of the Feather River Power Company with offices in the Hobart Building, San Francisco.

Joseph B. Strauss, bridge engineer, has arrived in San Francisco from Chicago to confer with City Engineer M. M. O'Shaughnessy regarding the proposed $20,000,000 bridge to span the Golden Gate Strait.

Fifty members of the San Joaquin Valley Lumbermen's Club will attend the annual convention of the Western Retail Lumbermen's Association at Los Angeles, February 18 to 23.

O. R. Boyd, has been appointed city engineer of Taft, Calif., succeeding Edward M. Lynch of Los Angeles, resigned.

T. D. Kilkenny, city engineer of Vallejo, has been appointed building inspector of that city, succeeding the late John Cunningham.

Geo. L. Yager, founder and president of the Yager Sheet Metal Company of Oakland, died in that city Jan. 2.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

OMAHA PUBLIC SCHOOLS WILL TRAIN MECHANICS

Instruction will be given in the public schools of Omaha for building mechanics and steps will be taken to organize a Building Congress in that city as the result of discussion which took place at the Sixth Annual convention of the Master Builders' Association of Nebraska held recently. The convention was one in which round table discussions consumed most of the time and the delegates expressed a desire to do everything within their power for the betterment of the industry in general.

Instruction for the craftsmen will begin this Fall in the Technical and Commercial high school of Omaha. The board of education has appropriated $7,500, the state will appropriate the same amount, and the federal government $15,000, making a total of $30,000 for this work.

According to tentative plans, the students will be given two months' intensive instructions and then sent out to get apprenticeship training under competent contractors. They will be permitted during a two-year term to return to the school for an indefinite period to pick up the finer points in their respective trades.

PALO ALTO BUILDERS SEE BIG FUTURE FOR PENINSULA

An era of unusual building activity for the Peninsula district and all of San Mateo county during the next few years as predicted by speakers before the Builders' Association of Palo Alto at the annual banquet held by the members at the Fly Trap Inn, Redwood City. The Peninsula residence district is to be solidly built up from San Bruno to San Jose within the next two decades, according to opinions given by pioneer lumber men and builders who addressed the meeting.

More than 90 members of the association were present. Among the principal speakers were John Dudfield, W. P. Gray, Joseph H. Borden, Sam Pedgriff, Paul M. Merner, Joseph Jury, Bert Ward of San Jose, Mike Glansfield, Wilson Ellis, M. A. Sloper, and George A. Montell.

Reminiscences of earlier days on the Peninsula were given by some of the pioneer members of the group.

It was announced that monthly meetings of the association will be held hereafter.

ENGINEERS TO ORGANIZE

A chapter of the American Association of Engineers with 31 charter members will be formed at Santa Barbara. At a recent meeting a temporary organization was effected with E. M. Gleason, Jr., as president and George D. Morrison as secretary. Speakers at the meeting were: Hubert C. Ferry of Los Angeles, national director; Frank Gentry, president of the Long Beach chapter; A. A. Anderson, secretary of Los Angeles chapter; Owen O'Neill, county surveyor of Santa Barbara county; J. O. Marsh, office engineer of state highway commission at Los Angeles, and Charles L. Jacobs, member of the staff of the state teachers' college at Santa Barbara.

$13,000,000 BUILDING PROGRAM LOOKED FOR IN SACRAMENTO

Although building in Sacramento during the past year exceeded all previous records, there is still a great need for building and the present year should see a building program of at least $13,000,000 as compared with approximately $9,500,000 for the year just past. This is the conservative belief of L. S. Patterson, Secretary of the Master Builders' Association of Sacramento. He said:

"During the war construction mounted by leaps and bounds in many parts of the country. In Sacramento during the war days building increased rapidly, but not as abnormally as in other parts of the country. It has been left for the past two or three years of peace time to show what this city can do in the way of permanent and intelligent building.

"Last year Sacramento broke all previous records and this present year bids fair to exceed even the record year of 1923. Looking back over last year, it is readily seen that most of Sacramento's building has been of a permanent nature, built to fill a definite need, with very little of a purely speculative nature. This means prosperity that is not temporary, but which is enduring.

"Experts estimate that in the United States building in 1923 reached the tremendous total of $5,000,000,000. These same experts tell us that the year of 1924 should exceed 1923 by 25 per cent.

"This being true, Sacramento will continue to build as during the past three years, but on a still greater scale, which should mean at least $13,000,000 expended."

OKLAHOMA PLANS TO LICENSE CONTRACTORS

The Builders' Exchange of Oklahoma is organizing a movement to have all contractors make application for license or permit to do contracting business in Oklahoma City. The increasing number of cases in which jobs have been left half done and in which property owners, material dealers, and sub-contractors have been left "holding the sack" is the reason for providing for the registration of contractors.

The Exchange believes that this is a great step toward the elimination of the irresponsible and unrecorded contractor, as the applicant will be required to state his qualifications, giving name and address, experience, etc.

In this movement the Builders' Exchange is co-operating with the building commissioner to provide for such registration under the new building code in order to put construction work in Oklahoma City on a higher plane.

ENGINEERS ELECT

Frank H. Fowler, architect and engineer, former secretary-treasurer of the Seattle Section, American Society of Civil Engineers, has been named president of the section, assuming the office at once. The election was held following the annual meeting and banquet of the section at the Engineers' club at Seattle. Other officers named include Chauncey Wernechey, vice-president, and T. H. Carver, secretary-treasurer. Mr. Wernechey is an engineer connected with the Skagit power development; Mr. Carver is in the city engineering department at Seattle.

LUMBER ASSOCIATION MERGER IS RATIFIED

Consolidation of the California Retail Lumbermen's Association and Southern California Retail Lumber Dealers' Association was ratified at a recent joint meeting of the boards of directors of both associations at the office of the Southern California association. The new association will be known as the California Retail Lumbermen's Association.

An organization was effected with two divisions for the state, northern and southern. Each division will be under the control of an executive committee of five to be presided over by one of their number who will be a vice president. There will be two secretaries, each to be named by and be responsible to the executive committee which controls his division.

The association as a whole will have one president and one treasurer. The present boards of directors for each of the original associations will continue as one board for the balance of the year. The executive committee will meet in joint session whenever necessary.

C. W. Pinkerton of Whittier was elected president and J. H. McCallum, of San Francisco, treasurer of the new association. H. B. Carver of the People's Lumber Co., Santa Paula, was added to the directorate.

The executive committee for the Northern District is composed of F. Dean Prescott, Fresno, vice president and chairman; C. G. Bird, Stockton; Elmore King, Bakersfield; M. A. Harris, San Francisco, and J. H. Chase, San Jose.

The executive committee for the Southern District consists of A. E. Fickling, Long Beach, vice president and chairman; Frank L. Fox, Glendale; H. A. Lake, Garden Grove; Wm. T. Davis, Pasadena, and G. F. Hoff, San Diego.

STOCKTON CHAPTER, A. A. E. BEING ORGANIZED

Charter members were enrolled and petitions asking a Stockton Chapter of A. A. E. were circulated at a meeting in Stockton of members of the organization to the profession and on matters pertaining to engineering in general were made, and a musical program rendered.

Among the speakers were Thomas E. Stanton, assistant state highway engineer; Charles S. Pope of Sacramento; Donald Baker, district director of the association; Thomas J. Janes, Stockton engineer; Charles E. Ashburner, Stockton city manager; Charles C. deWolf of Oakland; A. J. Capron of San Francisco; Samuel Kahn, manager of the Western States Gas & Electric Company; W. B. Hogan, city engineer; Geo M. Ross, A. H. Davies and H. A. Storrs of Modesto.

Clarence Bovey, resident engineer of the state highway commission, was in charge of the meeting. Irving Martin, Stockton publisher, who was scheduled to speak, was unable to be present and sent an address to be read.

TRADE NOTES

The Worth Machinery Manufacturers of Los Angeles, specializing in the construction of portable woodworking machinery, have just placed on the market a contractor's saw of the trailer type that is a departure from what has heretofore been considered an easily transported machine. The outfit consists of a rolling-top saw and gas engine built in, all mounted on wheels with pneumatic tires, roller bearings, etc. It is so constructed that it acts as a two-wheel trailer while being transported and as soon as detached is ready for use. It can readily be coupled behind the contractor's touring car and in addition to carpenters' labor saved the cartage charges to the next job are also saved, to say nothing of the elimination of possible delays in securing proper cartage facilities. The Worth people for some time have been studying the needs of the contractor and have been manufacturing light-weight, easily-transported sawing units of the swing cut-off an roll-top variety. These have been placed in quantities in all the large cities of the western states.

Announcement is made by Superintendent E. C. Pratt that the National Screen Manufacturing Company, 1456 Harrison Avenue, Cincinnati, O., has purchased the patents on the famous Lunken all-metal, rewireable screens, and will being the manufacture of this product within a few days in a factory to be devoted exclusively to this output. The company has secured the M. A. Hunt factory on Beekman street, a short distance from the parent plant on Harrison avenue, and there the Lunken screens will be produced. It is the intention ultimately to consolidate the two factories. The National company has been making wooden-frame screens for 15 years, and goes into this new departure thoroughly experienced in the screen business. The salient features of the Lunken screen is that it is rewireable, rust-proof, practically indestructible and that it will, with normal care, endure as long as the building in which it is installed. The National company is already laying out plans to cover the country with agencies on its new product.

The Iron Products Corp., New York, announces it has obtained exclusive rights as applied to pipe for the use of a new patented molding machine which substantially reduces the cost of pipe manufacturing. It is estimated that the savings by use of this device will amount to between $3 and $4 per ton of pipe manufactured. The molding machine is the invention of two mechanics who, working in an outlying district, many miles from the center of manufacturing activity, devised this simple process, for throwing the sand into molds by centrifugal force. One of the most important factors in this molding process is that it enables the Iron Products Corporation to employ unskilled labor, further lowering manufacturing costs.

Stockholders of Gladding-McBean & Co. will meet February 19 to elect a board of directors to serve for the ensuing year. The announcement is made by Augustus L. Gladding, secretary of the company.

The Equitable Steel Co., capitalized at $500,000, has been incorporated in San Francisco. Directors are: A. T. O'Connell, E. L. Hamann and L. S. Hughes.

State Highway Departments Bettered Through Reorganization

The recent establishment of Division X, composed of the territory between Sacramento and the northern Merced County line, marks the completion, for the present, of the reorganization of the State Highway Department which has been underway for several months, it is announced by State Highway Engineer R. M. Morton.

In all, three new divisions have been created since Mr. Morton took charge a year ago, and the work at headquarters has been co-ordinated and systematized by the establishment of five major departments as follows: Surveys and Plans, in charge of Fred J. Grumm, office engineer; construction, headed by C. S. Pope; Bridges; Equipment, under the direction of R. H. Stalnaker, and Maintenance, directed by A. J. Wagner. All engineering activity at headquarters is co-ordinated through these five departments.

Two other departments also have been built up, that of Accounting, headed by Herman B. Weaver, and the Department of Purchases, directed by Lowell R. Smith. A complete reorganization of the accounting work is now being accomplished with the object of more definite segregation of overhead into different classifications.

For the first time in the history of State highway work in California, the California Highway Commission is now a distinct and separate department of the State government. This was brought about, recently, when a law enacted by the last legislature became effective, divorcing highway building from the State Department of Public Works.

The State Highway Engineer is now free to devote his entire time, thought and energy to State highway problems and has ceased to direct the affairs of four other State departments, including Water Rights, Irrigation, Architecture and Land Settlement.

Less waste effort, more efficiency and more systematic co-operation between the ten division engineers and the State Highway Engineer at headquarters are the objects in view and the end to which the re-organization is directed. Special efforts are being made to build up a strong maintenance department at headquarters and in all divisions.

In establishing the new departments, Mr. Morton said:

"The purpose of these departments is to keep headquarters closely in touch with the work throughout the State. We desire to co-ordinate, systematize, and standardize the work as far as possible, and bring to each division engineer the advice of engineers who have opportunity to study the work in all divisions.

"Under this new organization plan the division engineers will not be relieved of any of their present responsibility. Work of co-ordination, which will fall to the various headquarters departments, will supplement and benefit the work of the division engineers.

"The heads of departments will directly represent the State Highway Engineer and have authority to issue instructions."

The new divisions are the first additions to the original seven divisions as established under the first bond issue and State highway mileage has doubled since that time. Closer supervision of construction and maintenance under the new division of the work, will now be possible.

The plant of the Monolith Portland Cement Company, 120 miles northeast of Los Angeles, is being enlarged to increase the daily output of 3500 barrels. It is expected that structures and kilns will be completed March 1 to enable the company to meet the demand for its products which, in addition to Portland cement, the company manufacturers and markets Monolithic Plastic Waterproof Portland cement. The company plans to construct other additions at a later date to increase the capacity to 4500 barrels a day or the equivalent to 18,000 sacks, according to an announcement of C. A. Low, sales manager for the company.

The Sonora Granite Company has been re-organized and will in future operate under the name of East Belt Granite Company with offices at Sonora, Calif. Directors are: J. L. Gibbs of Tuolumne; D. J. Jacobs, Sonora; John Sasek, Jamestown, D. E. Doke and H. M. Willard, Los Angeles. The quarry, five miles from Sonora, will be reopened at once, and new machinery installed.

Due to increased business and with the expectations of a big building year, the Crowe Glass Company has taken over the quarters formerly occupied by Schwartz & Gottlieb at 574 Eddy Street, San Francisco, where future business of the Crowe Company will be transacted. The new phone number is Prospect 612.

Buschke & Brown, general contractors, formerly located at 185 Stevenson street, have moved to larger quarters in the Atlas Building, 604 Mission St., San Francisco.

Christensen Hardware & Plumbing Co. of Palo Alto has been incorporated with a capital stock of $100,000. Directors are C. H. Christensen, A. C. Anderson, Andrew Hansen and Edward L. Beach. The company will erect a reinforced concrete building, 50x88 feet, at 165 Hamilton Ave., Palo Alto, which in addition to a complete line of hardware, a stock of plumbing fixtures will be carried.

Due to increased business and the need for enlarged quarters, the Swedish Steel & Importing Company has moved its offices from 605 Howard street to the Rialto Bldg., San Francisco. Warehouse quarters will be maintained in Dore street, according to A. E. Bundsen, vice-president and general manager of the company.

The Stewart & Welch Construction Company, capitalized at $500,000, has filed articles of incorporation with the principal place of business San Francisco. Incorporators are: J. P. Sweeney, F. J. Fontes, H. F. Boyne, M. A. Burns and B. Hastings.

The Modern Home Builders, capitalized at $25,000, has been incorporated at Fresno. Directors are: Leo A. Seibert, office manager; Clarence L. Fein, former hardware dealer; Dan C. Desmond, lumberman; F. W. Docker, attorney and A. W. Anderson, all of Fresno.

Bestwick Steel Lath Co. of Niles, Ohio, is seeking a representative in Stockton to handle their product in the San Joaquin Valley section.

PUBLICATIONS

"Conditions Facing 1924 Construction," has been published in pamphlet form and is ready for distribution. The pamphlet is a reprint of an article by E. J. Brunner which appeared in the January 5 issue of the American Contractor. It outlines facts that will be of benefit to the man who at this time must gauge by some means his possible activities for the next twelve months Copies may be secured from the American Contractor, 131 N.Franklin street, Chicago.

"Door-Ways," the monthly manual published by the Richards-Wilcox Manufacturing Company, contains a story on the growth of the company's Aurora plant. The history of the concern's expansion is given from the birth of the plant in a dilapidated mill on Stolp's Island, Aurora, to its present modern development, with its distinction as the largest of its kind in the world.

The Sponsor Bodies of the Society of Automotive Engineers and American Society of Mechanical Engineers have issued a pamphlet covering a report on proposed standard sizes of wrench head bolts and nuts. Copies may be obtained from C. B. LePage, care The American Society of Mechanical Engineers, 29 West 39th Street, New York, N. Y.

"The Albastross," published quarterly by the White Company, Cleveland, illustrates White motor trucks used in all industries. Illustrations show the White as employed in the construction field and in municipal and other transportation service Copies of the bulletin may be secured from the main offices of the concern at 407 Rockwell Avenue, Cleveland.

International Motor Company, 25 Broadway, New York City, has issued an attractive bulletin illustrating and describing Mack Model AC motor trucks of 3½, 5, 6½, and 7½ tons capacity. The catalog is known as No. 32 and is devoted to a description of a chain driven Mack models.

MILCOR JOIST SCALES BEING DISTRIBUTED

The Engineering Department of the Fireproof Materials Division of the Milwaukee Corrugating Company, has prepared a special scale for quickly determining the number of milcor steel domes required on reinforced concrete construction involving the use of concrete joists. The Milcor "Joist Scale" may be applied to blue prints of ⅛ inch of ¼ inch scale and will tell at a glance the correct number of milcor steel domes needed for 5 inch joists spaced 25 inches center to center or 6 inch joists spaced 26 inches center to center. The scale is white celluloid, 12 inches long by 1¼ inches wide. The computations are arranged along each edge of the scale, thus furnishing the four standard computations mentioned above. Architects, draftsmen, engineers or contractors can obtain milnor joist scales free of charge by writing for them on their business letterheads to either the main office of the Malwaukee Corrugated Company, at Milwaukee, Wis., or to any of the Company's branches, at Kansas City, Mo., Minneapolis, Minn., or La Crosse, Wis.

W. P. Fuller Company Outlines Employees Pension and Bonus Plan

The executive officials of W. P. Fuller & Co., paint manufacturers, of San Francisco, announce that for several years they have had in effect retirement pensions, ranging up to 75 per cent of annual salary, payment of a bonus to employes and vacations for day workers. Employes who are paid by the month have always had vacations with pay.

Details of the pension, bonus and vacation plans have been communicated to Mrs. Katherine Edson of the industrial welfare commission, Louis Bloch, statistician and examiner for the bureau of labor, and Bernard G. Piutti, executive secretary of the Industrial Relations Association of California.

Pensions, bonuses and vacations are applicable to men and women at the main offices, warehouses and factories of the company in San Francisco, also at all branches and factories it operates in California, Oregon, Washington, Idaho and Utah.

Officials state that the value of the general retirement pension plan in industry is exemplified in the results attained by the company. The pension plan permits retirement on a pension of not to exceed 75 per cent of the annual salary or wages (dependent on length of service) based upon the average compensation received during the five years prior to retirement.

The company has one employe who has served with it for fifty-two years; ten employes who have been with the concern between forty and fifty years; twenty-six with between thirty and forty years' service; forty-seven with from twenty to thirty years' record; 174 who have been with the company from ten to twenty years.

Payment has just been made on an annual bonus of one month's salary to employes who have been with the concern one year or more; about 900 in all parts of the Pacific Coast participating in the payment, according to officials of the company. For a number of years, in addition to the month's salary each year, a quarterly bonus varying from 10 to 25 per cent has been paid to employes on the monthly pay roll. At the present time the quarterly bonus being paid is 20 per cent. Bonuses are also paid over and above the daily wage rate to factory employes.

The company instituted the industrial vacation plan for day workers early last year and it was effective during the 1923 vacation period. Previous to that time, only salaried workers were given a vacation with pay. Under the plan, workers who have been with the concern for three years or more are entitled to one week's vacation each year, while employes with five years or more continuous services are given two weeks on pay.

In placing the information on the vacation plan in the hands of the industrial relations association and state bodies, an official of the company explained that the vacation system for labor employed by the day attracted a better quality of workers, increased morale in the plants and reduced labor turnover.

Louis Bloch, statistician and examiner for the bureau of labor, in commenting on the vacation plan, said:

"The policy of W. P. Fuller & Co. in giving vacations to unskilled labor, as well as to the skilled labor, is sound in that it makes for better industrial conditions and is conducive to better relations between employer and employe."

"It is very encouraging to have W. P. Fuller & Co. some forward with the announcement of their policies effecting their relations with their employes," said Bernard G. Piutti, executive secretary of the Industrial Relations Association of California.

Providing vacations with pay to plant, as well as office employes, is proving worth while since that plan was effected some time ago.

Another interesting feature of the industrial relations program of this company is that today it is paying an annual bonus of one month's salary to its employes.

Taking care of employes in their old age under a pension plan and the paying of bonuses on a reasonable basis are also steps in building up a closer relationship between the management of this company and its employes.

DATA AVAILABLE ON ROCKY MOUNTAIN STREAM FLOW

Reliable data showing the flow of a stream are the first requisites to determine the value of the stream for power, irrigation, or any other industrial use. Nor is the record for a day, or a month, or even a year, adequate. Before recommending the development of any large project that depends on the flow of a stream, engineers like to have authoritative records and diagrams showing the volume of the flow over a continuous period of several years, preferably a period as long as ten years. Stream flow fluctuates not only during the weeks and months of any particular year, but the flow for different years may show wide variations. The records, for some western streams particularly, show that a wet cycle of five years or more may be followed by a relatively dry cycle of perhaps equal length. Stream gaging is therefore extremely important when millions of dollars are to be invested in the construction of reservoirs or canals which may be followed by even much greater industrial development.

Records of the flow of streams in the Rocky Mountain region, which are now available for years since the nineties and on a few streams since the eighties, as announced by the Department of the Interior, afford engineers and others a means of studying the variation in the annual run-off. The run-off from different drainage basins in this region differs greatly, but the run-off from different parts of the same basin is markedly similar. The differences are due chiefly to differences in the paths and the intensity of the rainstorms and to the influence of topogarphy The streams that rise on the plains, where the run-off is governed by the intensity rather than the amount of the rainfall, show a greater variation than those that rise in the mountains. The ratio of any 10-year average for the stations in this region to the average for the entire period covered by the records may vary from 72 to 133 per cent.

The Department of the Interior, through the Geological Survey, has long been making studies of the surface run-off in the Rocky Mountain region, and the Survey has just issued as Water-Supply Paper 520-A a report entitled "Variation in annual run-off in the Rocky Mountain region," by Robert Fellansbee. This is the second special report in a series dealing with the surface run-off in this region. The first was issued in 1922 and was entitled "Some characteristics of run-off in the Rocky Mountain region." The report just published is illustrated by diagrams.

Building News Section

APARTMENTS

Contract Awarded.
APARTMENTS Cost, $13,900
SAN FRANCISCO, W 5th Ave. 125 S Irving.
Two-story and basement frame (4) apartments.
Owner—Rose Close, 1692 Haight St., San Francisco.
Contractor — John Little & Son, 1035 Lincoln Way, San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $24,000
SAN FRANCISCO, NE Grove & Shrader Streets.
Three-story and basement frame (12) apartments.
Owner — Frish & Swanson, 4331 19th Ave., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.

Contract Awarded.
APARTMENTS Cost, $20,855
SAN JOSE, Vine St., near Park Ave.
Two-story and basement frame and stucco apts with tile roof (8 3-rm. apartments)
Owner—Louis Carriene.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—Jorgensen & Thomy, 650 Prevost, San Jose.

Plans Complete — Segregated Figures To Be Taken.
STORE & APT. Cost, $35,000
SAN FRANCISCO, Valencia St., betw. 15th and 16th.
Three-story frame store and apt. bldg. (12 2 and 3-room apts.)
Owner—Bertrum & Lindstrom.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Segregated Figures Being Taken.
STORES & APTS. Cost, $100,000
SACRAMENTO, Cal., SE 12th and L Sts.
Six-story reinforced concrete stores and apartments.
Owner—R. S. Berry, 110 Sutter St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Owner Taking Sub-Figures.
APT. HOUSE Cost, $150,000
SAN FRANCISCO, S California St 154-3 W Jones.
Six-story and basement class C apt. house (95 rooms, 2 & 3-room apts)
Owner — C. Petersen, 390 6th St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $16,000
OAKLAND, E Genvlew 125 S Warfield.
Two-story 16-room frame apartments.
Owner—H. W. Ellis, 815 Grand St., Alameda.
Contractor — H. S. Butler, 5679 Oak Grove Ave., Oakland.

Contract Awarded.
APARTMENTS Cost, $10,000
SAN FRANCISCO, SW Powell & Washington.
Three-story brick (extension) for (4) apartments.
Owner—M. Solomon, 41 Sutter St., San Francisco.
Supt.—J. Sockolov, 2275 Jackson St., San Francisco.

Plans Being Prepared .
APT. HOUSE Cost, $125,000
SAN FRANCISCO, SE 14th and Valencia Streets.
Five-story and basement reinforced concrete and steel or brick apartment house (40 2-room & 5 stores)
Owner — J. H. Nuttman and Darling, Nuttman & McCarthy.
Architect—G. A. Berger, 261 Valencia St., San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $12,000
SAN FRANCISCO, NW Diamond and Elizabeth Sts.
Two-story and basement frame (4) apartments.
Owner—Fred Baun, 508 Valencia St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $29,000
OAKLAND, W Erie St. 250 N Mandana Blvd.
Three-story 24-room frame apartments and garage.
Owner—M. Croop, 1426 Franklin St., Oakland.
Contractor—H. C. Knight, 1426 Franklin St., Oakland.

Permit Applied For—Sub-Figures To Be Taken.
APARTMENTS Cost, $120,000
SAN FRANCISCO, S O'Farrell St. 137-6 E Leavenworth.
Six-story reinforced concrete apartment house (41 2 and 3-room apts)
Owner—L. J. Neal, 364 Page St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Plans will be completed in about three weeks. Work will be done by days labor and sub-contracts.

Segregated Figures Being Taken.
APARTMENTS Cost, $40,000 each
SAN FRANCISCO, SW 14th and Julian Ave.
Two 2-story and basement frame (20 2-room each) apartment bldgs.
Owner—J. H. Nuttman, et al.
Architect—G. A. Berger, 261 Valencia.

Contract Awarded.
APARTMENTS Cost, $16,000
OAKLAND, S Orchard St. 195 W Summit.
Two-story 16-room apartments.
Owner—J. M. Finney, 1426 Franklin St. Oakland.
Contractor—H. C. Knight, 1426 Franklin St., Oakland.

Material of Merit

DOORS
Firedoors, Freight Elevator, Garage and Warehouse Doors. **Fold-up-Dors**, Ti-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS
The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES
T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS
The fireproof, ventilated non-slipping flooring. — Irving Iron Works Co.

LIGNI SALVOR
Best Wood Preserver.
Douglas Woodhams & Co.

J. C. LYNN
24 CALIFORNIA STREET
Sutter 5907 San Francisco

APARTMENTS Cost, $35,000
SAN FRANCISCO, Ocean Avenue.
Three-story and basement frame and stucco apartment house (27 rooms, 9 apts.)
Owner—Withheld.
Architect—R. R. Irvine, Call Bldg., San Francisco.

Figures To Be Taken In Ten Days.
APT. HOUSE Cost, $40,000
OAKLAND, 12th St. near Grove.
Three-story and basement brick and concrete apt. house (steam heat, 21 2 and 3-room apts.)
Owner—I. Mendelson.
Architect — Miller & Warnecke, Perry Bldg., Oakland.

Contract Awarded.
APARTMENTS Cost, $37,500
SAN FRANCISCO, Cal., SE California and Fillmore.
Three-story concrete apartments and stores.
Owner—E. D. A. Horn, 258 Washington, San Francisco.
Architect — Geo. E. Ralph, 431 Rialto Bldg., San Francisco.
Contractor—Louis J. Cohn, 110 Sutter St., San Francisco.

LOS ANGELES, Cal.—Archt. M. Paul Martin and George E. Reeslund, assoc., 4435 Willowbrook Ave., have completed plans for a store and apartment bldg. to be erected at 4015 Sunset Blvd. for I. G. Simons; it will contain 3 stores and about 12 double apartments. Brick walls, 3-story and basement, 50x100 ft., art. stone front, comp. rfg., steel columns and beams, elec. freight elevator, sidewalk lights, hardwood and cement fls., tiled baths and drainbds., tiled store entrances, aut. water htr., O. P. and hardw. trim., gas rads., ornam. iron work.

LOS ANGELES, Cal.—Thos. B. Morrison, 1122 Pac. Mutual Bldg., has the contract to erect a 72-room 36-apt. bldg. on Burlington Ave. near Pico St., for Francis MacD. Jones. Dimensions, 66x127 ft., frame and plas. constr., comp. rfg., pine trim, oak and pine fls., tiled baths, water htrs., gas rads, wall beds; $70,000.

LOS ANGELES, Cal.—A. H. O'Brien, 1012 Marsh-Strong Bldg., has prepared plans for a 95-room, 47-apt. bldg. to be erected on Leeward Ave. near Hoover St., for Las W. Weitzman and S. H. Wolfson, 207 Union League Bldg. Dimensions, 59x133 ft., 3-story, brick constr., press. brick facing, plate glass comp. rfg., pine trim, oak and pine fls., wall beds, tiled baths, steam htg., marble work; $125,000.

BEVERLY HILLS, L. A. Co., Cal.—Archt. W. Asa Hudson, rm. 9, Woods-Beekman Bldg., Beverly Hills, has prepared preliminary plans for a 5-story class C Spanish style store, office and apt. bldg. to be erected at Burton Way and Rodeo Dr., Beverly Hills, for Stanley Anderson. Found., 95x150 ft., 21 offices, 36 apts., 9 stores. Brick walls, stucco exter., tile and comp. rf., hardwood apt. and office fls., tile bath and drainbds., elevator,, heating system.

LOS ANGELES, Cal.—August Hanson, 7509 Sunset Blvd., has completed plans and started work on a $40,000, two-story brick store and apartment building on Gardiner street north of Sunset Blvd., for C. J. McLaughlin and W. S. Turner. Foundation 103x67 ft., 6 stores, eight 3-room apartments. Press. brick and plate glass front, cement floor, composition roof, hardwood apartment floors, tile baths and darinboards, disappearing beds, gas radiators. Mr. Hansen has also started work on a $12,000, 4-unit apartment building at Lexington Ave. and Edgemont St., for Mark Levy. Stucco exterior, composition roof, hardwood fls., tile baths, disappearing beds and gas radiators.

LONG BEACH, L. A. Co., Cal.—Archt. W. Horace Austin, 521 Pacific Southwest Bldg., Long Beach, has prepared preliminary drawings for a 12-story class A own-your-own apt. bldg. to be erected on E Ocean Blvd. near Third Place, Long Beach, for the Bradfield-Canterbury Co. Found. 98x260 ft., 238 apts., basement garage, 70 stalls, 2 elevators, brick & art stone exter., stores and public dining room in 1st story.

LOS ANGELES, Cal.—Harry Genser, 208 Hibernian Bldg., is preparing plans for a two-story, 60 single room, apartment building to be erected on Westlake Ave. near Sixth St. for H. Gorelnik. Two story, 46x150 ft., frame and stucco construction, composition roofing, electric heating, tile baths and drainboards, pine floors and trim, wall beds. Cost, $70,000.

LOS ANGELES, Cal.—Archt. Alfred F. Priest, 719 Fay Bldg., Los Angeles, has completed plans and permit has been taken out for three-story brick store and apartment building, 50x127 ft., at the southeast corner of Brand Blvd. and Lexington Dr., Glendale, for B. Grossman, 1323 E. Broadway, Glendale, and M. Mayers, 2029 Beechwood Dr., Hollywood; 3 stores, 52 apt rooms divided into 26 suites, basement, press, brick street fronts, cast stone trim around entrance, tile vestibule, composition roofing, mahogany interior trim, hardwood floors, structural steel, radiator units, wall beds, tiled baths, hot water unit in basement, plate glass. Cost, $75,000. Day work under supervision of Mr. Grossman. L. A. Excavating Co. is doing excavating.

LOS ANGELES, Cal.—E. J. Hampton, 1127 N Western Ave., has the contract to erect a 40-room apt. bldg. on Melrose Ave., near Gramercy Place for O. J Buckley. H. C. Deckbar, 1007 Wright Callander Bldg., archt. Two-story 49 by 105 ft., frame and stucco constr., comp. rfg. radiant fire htrs., tiled baths and drainbds., hardwd. fls., pine trim, wall beds, refrigerators, orn. iron work; $45,000.

BONDS

STOCKTON, San Joaquin Co., Cal.—County supervisors take under advisement bids for the purchase of the $11,000 bond issue of the Montezuma School District. The proceeds of the sale are to finance construction of school improvements.

SAN JOSE, Santa Clara Co., Cal.—County supervisors sell $52,000 bond issue of Willow Glen School District for premium of $878; proceeds of sale to finance construction of new school. Wyckoff & White, Growers Bank Bldg., San Jose, are the architects.

OAKLAND, Cal. — Supervisors sell $45,000 bond issue of Mt. Eden School District for premium of $700; proceeds of sale to finance construction of new school. The architect has not been selected.

EUREKA, Humboldt Co., Cal—March 7 is new date set to vote bonds of $450,000 to finance construction of Eureka Junior High School, preliminary plans for which are being prepared by Architect John J. Donovan, Tapscott Bldg., Oakland.

STOCKTON, San Joaquin Co., Cal. — Supervisors sell $11,000 bond issue of Montezuma School District for premium of $107.80; proceeds of sale to finance school improvements.

CHURCHES

Plans Being Prepared.
CHURCH Cost, $120,000
SACRAMENTO, Cal., SE J & 21st Sts.
Reinforced concrete church 120x160 (cement exterior and tile roof).
Owner — Grace Methodist Episcopal Church.
Architect—Woolett & Lamb, Hagelstein Bldg., Sacramento.

Contract Awarded.
REPAIRS ETC. Cost, $32,500
SAN FRANCISCO, NE Connecticut and 19th Streets
General repairs and additions for church.
Owner—Roman Catholic Archbishop of S. F., 1100 Franklin St., S. F.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—John Leonard 1158 Dolores St., San Francisco.

LOS ANGELES, Cal.—Archt. Robert H. Orr, 1300 Corp. Bldg., has been commissioned to prepare plans for a brick church building to be erected at Normandie Av. and Santa Monica Blvd. for the South Hollywood Presbyterian Church. It will contain an auditorium to seat about 500 people, with social hall in basement. Brick construction, 80 by 100 feet, tile or slate roofing, basement, gas heating, hardwood and pine floors and trim, art and stained glass.

FACTORIES AND WAREHOUSES

Sub-Figures Being Taken.
LOFT BLDG. Cost, $30,000
SAN FRANCISCO, Howard St. through to Tehama bet. 4th and 5th.
Two-story and basement concrete and mill constructed loft bldg. 25x155
Archt. & Contractor — Trewhitt and Shields Co., Rowell Bldg., Fresno.

Bids Being Taken For Concrete Work.
CEMENT PLANT Cost, $1,000,000
REDWOOD CITY, San Mateo Co., Cal.
Cement plant (mill, office bldg, stockhouse, warehouse, etc.)
Owner—Pacific Portland Cement Co., Pacific Bldg., San Francisco.
The piling is being done by Duncanson-Harrelson Co.

Contract Awarded.
CEMENT PLANT Total cost, $1,000,000
REDWOOD CITY, San Mateo Co., Cal.
Cement plant (mill, office bldg., stockhouse, warehouse, etc.)
Owner — Pacific Portland Cement Co., Pacific Bldg., San Francisco.
Engineer — W. C. Stevenson, Pacific Bldg., San Francisco.
Contractor—Foundation Co., Holbrook Bldg., San Francisco.
Contract includes the construction of concrete foundations, slabs and mill building.
The piling is being done by Duncanson-Harrelson Co.

Contract Awarded.
PRINTING SHOP Cost, $25,000
SAN FRANCISCO, NW Jessie 22-6 SW Mint Avenue.
One-story class C reinf. concrete printing shop building.
Owner—Wobbers Inc., 724 Market St., San Francisco.
Architect—Albert Schroepfer, 68 Post St., San Francisco.
General contract awarded to Mager Bros., 1318 Valencia St., $20,000
Plumbing and heating to J. J. McLeod, 1246 Golden Gate Ave. at $2769
Electric work and painting to be figured later.
NOTE—This building was first designed for a five-story structure and contracts awarded last November.

YUBA CITY, Sutter Co., Cal.—Until Feb. 18, 2 p. m., bids will be rec. by Albert B. Brown, county clerk, to erect corru. iron warehouse. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from office of clerk.

PORTERVILLE, Tulare Co., Cal.—Gerard Fruit Co., of Los Angeles, has purchased a site 200 by 120 ft. on S. P. tracks bet. D and E Sts., and proposes to erect a canning plant.

REDWOOD CITY, San Mateo Co., Cal—S. H. Frank & Co. is having plans prepared for a drying room addition to the present plant; est. cost, including other improvements, $20,000.

FULLERTON, Orange Co., Cal.—Union Iron Works, Los Angeles, were awarded contract to erect a steel frame factory bldg., conc. found., 800 by 200 ft., in the city's industrial tract for Western Glass Co; cost about $350,000. W. D. French, supt. of constr. for the owner.

KING CITY, Monterey Co., Cal.—California Orchard Co. has purchased a ten-acre site in the northwest section of this city and will erect a canning plant. The plant will be constructed on the unit system.

OAKLAND, Cal.—H. J. Heinz Co., manufacturers of the "57 varieties" of preserves and canned products, has closed negotiations with the Oakland city council whereby certain streets will be closed permitting the company to proceed with the construction of a $1,000,000 plant. The plant will be bounded on the west by Bay street, on the east by Cedar street, on the south by Belle street, and on the north by Seventh street, covering two city blocks. Local offices of the Heinz Co. are maintained at 217 Second St., San Francisco.

OAKLAND, Cal.—Theodore J. Dorsch 283 Minna St., San Francisco, heads a company which has leased lands on the western waterfront where it is planned to establish a sulphur plant. It is proposed to receive the sulphur at the Oakland plant in a raw state from South America and prepare the product for shipment to all points in the U. S. Others interested in the company include: Chas. E. and P. E. Blalack. Plans are being prepared by Engineer Jas. Herche. Construction will be of steel and frame. Cost approximately $40,000.

DURO
California Cedar Products Co.
All-Key Plaster Lath
(Patented)
100% Mechanical Key.
Plaster Wall Board
(Patent applied for)
The Last Word in Wall Board.
CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

LOS ANGELES, Cal.—Austin Co. of California, 737 Bartlett Bldg., has completed plans and will erect a brick warehouse building on McKinley Ave., between Maryland St. and Florence Ave. for itself. Dimensions, 81x300 ft., brick and concrete walls, steel sash, composition roofing, cement floors, wire glass, metal skylights, loading platform and docking platform.

LOS ANGELES, Cal.—H. A. Nichols, Bank of Italy Bldg., has been awarded the contract for erecting a 6-sto class A store and loft bldg. at s.w. cor. of 21st and San Pedro Sts. for Leon Harter. W. J. Saunders, 227 Laughlin Bldg. archt. Dimensions, 60x130 ft., reinf. concrete construction, stucco exter., steel sash, plate glass, comp. rfg., metal skylights, two elevators; $90,000.

GARAGES

Contract Awarded.
GARAGE Cost, $16,000
SAN FRANCISCO, S Clement 60 E 27th Avenue.
Two-story reinforced concrete (public) garage.
Owner—Joseph Pasqualetti, 785 Market St., San Francisco.
Contractor—American Concrete Co., 785 Market St., San Francisco.

Contract Awarded.
GARAGE Cost $20,000
SACRAMENTO, Cal. No. 1118 I St.
Public garage.
Owner—C. O. and O. W. Huelsman, 1123 43rd St., Sacramento.
Architect—None.
Contractor—Holden Constr. Co., 2608 R St, Sacramento.

Completing Plans—Contract Awarded.
AUTO SALES BLDG. Cost, $109,000
OAKLAND, 20th & Webster Sts.
One and 2-story reinf. concrete auto sales bldg. and garage.
Owner—Frank J. Hurley.
Lessee—Buick Auto Sales Co.
Architect—B. G. McDougall, 393 Sacramento St., San Francisco.
Contractor — Lindgren-Swinerton Co., Standard Oil Bldg., S. F.
Grading awarded to Arris-Knapp Co.

PORTERVILLE, Tulare Co., Cal.—Bids have been rejected to erect the motor court at Second and Putnam streets and new bids are being taken from revised plans. Bids are now being asked for (1) cement and macadam work; (2) plumbing and sheet metal work; (3) brick and wood work; (4) electric work Plans obtainable from H. L. Augustine, 2nd and Putnam Sts., Porterville.

GOVERNMENT WORK AND SUPPLIES

DENVER, Colorado.—Following bids rec. by Bureau of Reclamation to fur. 5000 lin. ft. machine bandage wood stave pipe under advertisement No. 36908:

Continental Pipe Mfg. Co., Seattle, Wash., $1581.50, accepted.

Cascade Pipe and Flume Co., Seattle, Wash., $2065.40.

American Wood Pipe Co., Tacoma, Wash., $1630.

DENVER, Colo.—Following bids rec. by Bureau of Reclamation to fur. drum gate operating machinery for Black Canyon dam, Boise project, Idaho, under advertisement No. 36855:

Paxter & Vierling Iron Works, Omaha, Nebr., $1800, accepted.

The Walker Mfg. Co., Denver, Colo., $2340.

The Vulcan Iron Works, Denver, 2,635.

McGann Mfg. Co., Inc., York, Pa., $2499.

Ogden Iron Works Co., Ogden, Utah, $2250.

Joshua Hendy Iron Works, San Francisco, $1875.

SAN FRANCISCO — Bids were received as follows on Jan. 31st by W. A. Newman, Superintendent, for alterations, changes etc., at the U. S. Post Office, Court House etc., San Francisco.

Bids were referred to Washington.

Alfred H. Vogt, 185 Stevenson St., San Francisco $5500
Finn Anderson, S. F. 6272
Schuler & MacDonald, Oakland 15,500

PORTLAND, Ore. — Following bids rec. by U. S. Engineer Office, Portland, to const. 4 barges for use in transporting rock for Coos Bay jetty project: Marine Construction Co., Seattle, $9921 each; T. H. Trahey, Seattle, $10,650; C. J. Johnson, Port Blakeley, $13,750; Supple and Martin, Portland, $13,285; Kruse and Banks, North Bend, $10,850; Mare Island Navy Yard, $19,590. Referred to Washington, D. C. for action.

OGDEN, Utah.—Until Feb. 28, 2 p. m., bids will be rec. by Purchasing Agent, Forest Service, to fur. No. 9 and No. 12 galv. iron telephone wire. Blanks for bidding and further information obtainable from above office on request.

SAN DIEGO, Cal. — Following bids rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 4916, for 3 mooring masts at San Diego, Calif.; Fort Worth, Texas and Guantanamo, Cuba:

Union Construction Co., foot 14th St., Oakland, Calif., $17,854.

Robert H. Travers, 4373 S Van St., San Francisco, $23,070.

Lipscomb & Dutton, 215 Owl Bldg., San Diego, Calif., $17,847, 70 days.

Claude Bourborn, Spreckles Bldg., San Diego, Calif., $12,900.

Robert E. McKee, 1918 Texas St., El Paso, Texas, $12,950.

DeWaard & Conham, 207 Granger Bldg., San Diego, Calif., $10,997.

LIVERMORE, Calif.—Until March 28 11 a. m., bids will be rec. by construction Division, U. E. Veterans Bureau, 791 Arlington Bldg., Washington, D. C., to fur. and install ready for operation a raw-water ice making and complete refrigerating plant for the U. S. Veteran's Hospital at Livermore. **See Call for bids under official proposal section in this issue.**

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies & Accounts, Navy Department, Washington, D. C. to fur. and del. following supplies to Navy Yards; date for opening bids as noted at close of each paragraph:

Schedule 1804, for Mare Island, 34,000 feet Port Orford cedar; Mare Island, 5000 lbs. lignum vitae and 2000 ft. maple; for Boston, 8000 ft. do; for Mare Island, 3000 ft. African or Mexican mahogany; for Mare Island, 3000 ft do; for Puget Sound 7000 ft. do; Feb. 12

Schedule 1823, San Diego, 2600 brushes; for San Diego, 1000 do; for Mare Island, 720 do; for San Diego and Mare Island, 3560 do; for San Diego, 300 cleaning brushes, Feb. 19.

Schedule 1835, for Boston, Philadelphia, Mare Island and Puget Sound, 520 gallons insulating varnish, Feb. 19.

Schedule 1837, for Mare Island, 10,000 lbs. pulverized silica; Feb. 19.

Schedule 1839, for Puget Sound, 3100 pounds seamless copper tubing, Feb. 19

Schedule 1853, for San Diego, 500 sheets non-scatterable glass, Feb. 19.

Schedule 1854, for Mare Island, 1076 pounds corrosion resisting bar steel, Feb. 26

Schedule 1859, for Puget Sound, 80,000 pounds bituminous enamel and 300 gallons bituminous primer, Feb. 26.

NORTH HEAD, Wash. — Bert Ward, 521 Peoples Bank Bldg., Seattle, at $42,628.48, time for completion 150 days awarded contract by Bureau of Yards and Docks, Navy Department, to erect barracks building and engine house at North Head, Wash., under Specification No. 4895.

PUGET SOUND, Wash.—Until Feb. 27, bids will be rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 4928, to construct barracks for operators at the radio station, Puget Sound, Wash. The specifications call for two-sto y and basement building, concrete foundations, basement floor and walls, frame construction for walls and floor above basement, shingle roofing and heating, lighting and plumbing systems. Deposit for plans, $10 obtainable from Bureau.

DENVER, Colo.—Until Feb. 13, bids will be rec. by Bureau of Reclamation, Denver to fur. turnout gates and hoists under Specification No. 348-D, Shoshone project, Wyoming, involv. approx 11,000 lbs. metal work.

HALLS AND SOCIETY BUILDINGS

Plans Being Completed.
FRATERNITY HOUSE Cost, $30,000
BERKELEY, Alameda Co., Cal. Euclid Ave. near Le Conte St.
Two-story and basement frame and stucco fraternity house.
Owner—Tau Kappa Epsilon.
Architect—Masten & Hurd, 278 Post St., San Francisco.

EUGENE, Ore.—Architect O. R. Bean Chamber of Commerce Bldg., Portland commissioned to prepare plans for 2-story and basement masonry and frame Masonic temple to be erected at 10th and Olive Sts., Eugene; est. cost $75,000

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Completing Plans.
FRATERNITY HOUSE Cost, $30,000
BERKELEY, Alameda Co., Cal. Euclid Ave. bet. Le Conte and Virginia.
Two-story and basement frame and stucco fraternity house.
Owner—Del Rey Fraternity.
Architect—Masten & Hurd, 278 Post St., San Francisco

Commissioned To Prepare Plans.
MEMORIAL HALL ETC. Cost, $—
PITTSBURG, Contra Costa Co., Cal.
Memorial hall and American Legion club building.
Owner—County of Contra Costa.
Architect — Benj. G. McDougall, 393 Sacramento, San Francisco.

Plans Being Figured—Bids close February 15.
LODGE HALL Cost, $15,000
MODESTO, Stanislaus Co., Ca., 1 St. between 4th and 5th Sts.
Two-story hollow tile lodge hall.
Owner—Danish Hall Association, A. L. Pederson, Secretary, Modesto, Cal.
Architect — Jas H. Hoose, Ramont Bldg., Modesto.
Contract Awarded.
BUILDING Cost, $27,500
BERKELEY, 2930 34 36 38 42 Lomingo Avenue.
Two 2-story class C bldgs. (8 stores & dance hall).
Owner—F. E. Romie, 418 Newton Ave., Oakland.
Architect — Hutchinson & Mills, 1214 Webster St., Oakland.
Contractor — Leslie R. Wilson, 2216 Blake St., Berkeley.

Being Done By Day's Work.
BUILDING Cost, $—
RICHMOND, Contra Costa Co., Cal., E 13th bet. MacDonald & Bissell Aves
Two-story concrete Y. M. C. A. Bldg.
Owner — F. M. Sanford, Builders Exchange Bldg., Richmond.
Lessee—Young Men's Christian Assn.
Work is being done by the owner. Foundations are now being laid.

Low Bidder
BUILDING Cost, $359,000
LONG BEACH, L. A. Co., Cal.
Five-story and basement reinforced concrete Y. W. C. A. bldg.
Owner—Y. W. C. A.
Architect — Miss Julia Morgan, Merchants Exchange Bldg., S. F.
Low Bidder—Wm. G. Reed, 204 Brock Bldg., Long Beach.
Other bids were: J. D. Sherer, $379,500; C. T. McGrew & Sons, $384,684; Davidson & Thompson, $399,700; W. C. Crowell, $407,500.

Plans Complete.
LODGE BLDG. Cost, $60,000
VALLEJO, Solano Co., Cal.
Two-story reinforced concrete lodge bldg.
Owner—Vallejo Lodge of Redmen.
Architect—Clay N. Burrell, American Bank Bldg., Oakland.

SANTA MONICA, L. A. Co., Cal.—Archt. W. Asa Hudson, rm. 9, Woods-Beekman Bldg., Beverly Hills, has completed plans and bids are being received for adding a second story and general remodeling in converting the 3-story 100x100 ft., frame Santa Monica Bathhouse bldg., Santa Monica, into quarters for the Santa Monica Athletic Club, with lobby and bathers quarters on 1st floor; lounge, clubrooms, dining room, kitchen, billiard room and card room on 2nd floor; 12 sleeping rms, gymnasium and locker rms. on 3rd floor; balcony and handball courts on 4th floor. Stucco exter., comp. rf., hardwd. and tile fls., heating and laundry plant, elevators.

KERN CO., Cal.—Until Feb 12, 8 P. M., bds will be rec. by Eugene K. Martin, architect, Arlington Bldg., Bakersfield, to erect 1st unit of Masonic temple. Plans are obtainable from the architect. B. Thomas is president and A. Wood, secretary of the Masonic Hall Ass'n. Plans call for a one-story and basement reinforced concrete and brick store and lodge building.

SAN BERNARDINO, San Bernardino Co., Cal.—Archt. Howard E. Jones, 404 Katz Bldg., San Bernardino, has prepared sketches for a proposed lodge bldg., to be erected on 4th St., San Bernardino, for San Bernardino Lodge No. 836. B. P. O. E. The bldg. as planned will contain 3 stores and lodge entrance on first fl.; with lodge rooms and 38 rms. on second fl.; there will also be a banquet hall 60x45 ft. in the basement; probably brick constr., 2-sto and basement. A proposal which was submitted to the lodge by the Pantages Theater Corp. some time ago for a $900,000 theater, hotel and lodge bldg. was regarded by lodge officials as involving finances beyond the reach of the lodge.

PALA, San Diego Co., Cal.—Archt Arthur L. Acker, Douglas Bldg., is preparing plans for a clubhouse to be erected in Palomar Mountains near Pala, San Diego county, for National Forest Country Club. Two story, 50x220 ft., stone foundation and terraces, frame construction, shingle exterior and roof, pine trim, hardwood flrs., 9 baths 6 showers, electric steam htg., $100,000.

NAPA, Napa Co., Cal.—Moose Lodge of Napa is campaigning for funds with which to finance construction of new lodge hall. A site is yet to be purchased.

HOSPITALS

SAN DIEGO, San Diego Co., Cal. — Plans for the erection of a 6-story additional wing to the new St. Joseph's hospital at 5th St. and Hillcrest Dr. have been endorsed by the San Diego County Medical Assn. The proposed wing would add 75 beds. The bldg. will be of steel and conc., 100 ft. long and cost approx. $250,000.

SEATTLE, Wash.—Architect A. H. Albertson, Henry Bldg., preparing plans for $100,000 first unit of three-unit and chapel Caroline Kline Galland Home for aged on the shore of Lake Washington. First unit will be fireproof construction, 2-story in height with basement, 175 by 50 ft.

Low Bidder.
PAVILION Cost, $13,500 approx.
BERESFORD, San Mateo Co., Cal.
Tubercular pavilion for hospital.
Owner—San Mateo County.
Architect—Wm. H. Toepke, Call Bldg., San Francisco.
Low Bidder—Mr. Turner, Burlingame.
A complete list will be given tomorrow. Bids will be taken under advisement.

COMPTON, L. A. Co., Cal.—Suburban Hospitals, Inc., plans to erect the second unit in its proposed chain of hospitals in Compton. The proposed bldg., for which plans are being prepared, will contain space for 45 beds. Mrs. M. S. Puckett is temporarily superintending affairs at the Huntington Park hospital. the first unit to be built. She states that the Compton unit will be 2-story, white stucco exter., white tile f ont, metal walls and ceilings.

REDWOOD CITY, San Mateo Co., Cal —Bids were received as follows by Elizabeth M. Kneese, county clerk, to erect tubercular pavilion at Community County Hospital. Will H. Toepke, architect, New Call Bldg., San Francisco, Calif.

Fred D. Turner, 212 Anita St., Burlingame	$13,884
R. A. McLean	14,247
C. L. Fowler	14,900
C. H. Bessett Bldg. Co.	15,400
E. L. Shaver	15,990
L. R. Holm & Co.	16,813

SACRAMENTO, Cal. — Wilson Bros., 10th and J Sts., Sacramento, at $4745 submitted low bid to supervisors to furnish and lay linoleum in county hospital. Van-Fleet-Freear Company, San Francisco, submitted only other bid at $4899. Taken under advisement. R. A. Herold, architect, Forum Bldg., Sacramento.

HOTELS

General Contract Awarded.
HOTEL Cost, $250,000
PALO ALTO, Santa Clara Co., Cal. Cor. Hamilton Ave. and Ramona St.
Three-story reinforced concrete hotel with cement exterior and tile roof (150 rooms).
Owner — Palo Alto Improvement Co. (Andrew Peterson, pres. Palo Alto)
Architect—W. H. Weeks, 369 Pine St., San Francisco, and Birge Clark 600 Embarcadero, Palo Alto, assoc.
General contract awarded to John Madsen, 619 Fulton St., Palo Alto at $106,250.
The plumbing and heating bids are still under advisement. Following is a list of the four lowest bidders:

Heating

J. E. O'Mara, S. F. Oil burner, $969.	$9677
Lawson & Drucker, S. F. Oil burner, $875.	9680
W. H. Picard, Oakland Oil burner $969.	9800
E. Sugarman, S. F. Oil burner, $535.	9987

Plumbing

J. E. O'Mara, S. F.	$14,700
Lawson & Drucker, S. F.	15,250
E. Sugarman, S. F.	15,588
Frederick W. Snook & Son, S. F.	15,798

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LOS ANGELES, Cal.—Harry Genser 208 Hibernian Bldg., is preparing plans for a 4-story 92-room class C hotel bldg. to be erected on the n.w. cor. of 2nd and Olive Sts. for a local client. Four story 75x100 ft., brick walls, pressed brick facing, terra cotta trim, steam htg., 100% tiled baths, tile bathroom and lobby fls., pine fls., steel beams, metal skylights, fire escapes, elevator; $175,000.

GRASS VALLEY, Nevada Co., Cal. — R. O. Lee, of Los Angeles, represents interests which plan to erect a six-story fireproof 100-room hotel building on the site of the present Holbrooke Hotel, at the n.w. corner of Main and North Church streets. The structure to be known as the Golden Capitol Hotel, has already been leased to San Francisco interests, it is said. Plans are yet to be prepared.

MARYSVILLE, Yuba Co., Calif.—See "Railroads," this issue. Western Pacific R.R. improvement.

LOS ANGELES, Cal.—John H. Dobbin, 1029 N Melrose Ave., Glendale, is preparing preliminary plans for a 3-story brick hotel at s.w. cor. Maryland and Wilson St. for Wm. Koschel, 430 Burchett St., Glendale; 70x70 ft., basement, 3 stores on ground fl., 40 hotel rooms, one-third baths, pressed brick fronts, terra cotta trim.

LOS ANGELES, Cal.—G. G. Stuart, 418 Lissner Bldg., has completed plans and has the contract to erect a 3-story class A store and apartment bldg., at s.e. cor. 7th and Ceres Sts., for a local client; it will contain 6 stores and 83 rms with 10 per cent baths. Steel frame constr., brick walls, 80x110 ft., comp. rfg., plaster exter., cement and pine fls., plate glass, water htr., pine trim, $120,000. Sub-bids will not be taken until after Feb. 10.

LOS ANGELES, Cal.—E. J. Hampton, 1127 N Western Ave., has the contract to erect a two-story Class C store and hotel building on Whittier Blvd. and John St. for M. Mednik. H. C. Deckbar, 1007 Wright-Callender Bldg. is the architect. It will contain 7 stores, lobby and 70 rooms, each with lavatory, and 6 baths. Brick walls, 93x143 ft., 2 story, tile and composition roofing, part basement, unit water heater, plate glass, structural steel, rug, brick facing, roof ventilators, metal skylights, ornamental balconies. Cost, $63,000.

CLEAR LAKE, Cal.—Cyril Bennett & Fitch H. Haskell, assoc. archts., 600 Security Bldg., Pasadena, are preparing plans for a 2-story rustic resort hotel bldg. and 15 log cabin units to be erected at Clear Lake, Calif., for the Clear Lake Highlands Hotel Co. Log construction throughout. Dining room, 36x84 ft., lounge, 36x84 ft., lobby, 40x 36 ft., 25 bedrooms, 4 baths, cobble and split fireplaces, pine floors, men and women's rms, soda fountain, shakes roof.

ICE AND COLD STORAGE PLANTS

LIVERMORE, Calif.—See "Government Work and Supplies," this issue. Bids wanted for refrigerating and ice making plant.

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POWER PLANTS

MODESTO, Stanislaus Co., Cal. — Following contracts awarded by Modesto Irrigation District in connection with construction of approx. 249-mi. of power lines:

Schedule 1, poles, to Niedermeyer-Martin Lumber Co., $47,005.

Schedule 2, cross arms, Modesto Lumber Co., $2889.

Schedule 3, line hardware, Pacific States Eelectric Co., $1787.82.

Schedule 4, metal pine, Pacific States Electric Co., $409.50; wood pins, Maydwell and Hartzell, $455.

Schedule 5, insulators, suspension, Pacific States Electric Co., $532.40; 11 K. V., Pacific States Electric Co., $368.40; 4 K. V., Baker-Joslyn Co., $986; hemingray, Pacific States Electric Co., $665.20; 506 strain, Baker Joslyn Co., $66.90; 504 strain, Baker Joslyn Co., $87.74.

Schedule 5, wire—bare copper, Pacific States Electric Co., $43,667.90; weatherproof, Maydwell and Hartzell Co., $9725; guy wire, Pacific States electric, $537; iron wire, Pacific States Electric Co., $78.50. R. A. Storrs is chief eng. and R. J. O'Connell, electrical engineer for district.

MARYSVILLE, Yuba Co., Calif. —See "Railroads," this issue. Western Pacific R.R. improvements.

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Planned.

SUB-STATION Cost, $—

ANTIOCH, Contra Costa Co., Cal., 58 acres near Antioch.

Large sub-station.

Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.

Architect—Eng. Dept. of Owner.

PUBLIC BUILDINGS

SANTA ANA, Orange Co., Cal.—J. A. Creighton Co., 5617 Hollywood Blvd., submitted low bid to county supervisors Jan. 29 at $92,909 for general contract (excluding heating and ventilating, elec. wiring, plumbing and jail equipment) for the new county jail bldg. Frank K. Benchley, Benchley Bldg., Fullerton, archt. The bldg. will be reinf. conc. constr., 90x120 ft., comp rf., steel sash, steel cells, one electric elevator, one dumb waiter. Low bids on the other contracts were: Heating and Ventilating—T. H. Ehlen & Dietrichs, Orange, $8399. Electric wiring—Prink Electric Co., Huntington Beach, $6690. Plumbing—T. H. Ehlen & Dietrichs, $13,873. Jail equipment—Brombacher Iron Works, $53,880.

Other bids on the general contract were: C. McNeill, $101,000; T. S. Weston, $103,200; John Simpson, $105,750; Jarboe & Murray, $117,345; O. T. Moore, $120,000; R. C. McMillan, $123,089; Homan & Tulley, $124,380; McKay Engineering Co., $124,577; Mathis Constr. Co., $124,993; J. S. Fluor, $125,000; Edw. C. English, $127,200; Alfred Pibel, $127,-300; South & Franzen, $130,000.

BEVERLY HILLS, L. A. Co., Cal.—Archt. W. Asa Hudson, rm. 9, Woods-Beekman Bldg., Beverly Hills, has been commissioned to prepare plans for the new Beverly Hills city hall. Bonds in the sum of $50,000 have been voted.

LOS ANGELES, Cal.—Bids received by county supervisors Feb. 4, for granite work, etc., for the new Hall of Justice at N. Broadway, Temple and Buena Vista Sts., were as follows:

Raymond Granite Co., 1350 Palmetto St.—Exterior granite work, $1,725,594; inter. stone, $34,200; deductions as follows: (1) deduct $21,737 for omitting vertical rustications and drafts at corners; (2) deduct $241,887 in case terra cotta is substituted; (3) in case 4 point finish is omitted and sawn work equivalent to 8 cut work is substituted, no deduction. Time limit, 250 wkg. days. This sum submitted an alternate bid (as allowed in spec.) on Indiana limestone, as follows: exter., $1,-229,843; (1) deduct $3900; 400 wkg. days.

McGilvray-Raymond Granite Co., 678 Utah St.—Exter. work, $1,585,735; inter. work, $41,685; deductions, (1) $20,000; (2) $165,000; (3) none; time limit, 585 wkg days. Alternate on Indiana limestone, $1,335,585; (1) deduct $4000; 500 wkg. days.

Furst-Kerber Cut Stone Co., Bedford Indiana (R. M. Ritchter, secy., Hotel Alexandria, Main 5223)—Indiana limestone only, $1,380,000; (1) deduct $5000; time limit, 19 mos. from signing of contract

Ingalls Stone Co., Bedford, Indiana, submitted a bid by telegram. The bid was not according to spec., being on buff stone. The bid was: Coarse buff, main bid, $653,500; alternate as follows: (a) deduct $46,000 if ornam. course betw. windows at 9th fl. is omitted; (b) deduct $9100 if balustrade at 10th fl. is omitted; (c) deduct $89,000 if all sill work above sill course at 14th fl. is omted if vertical rustication and drafts at corners are omitted deduct $1000 from main bid. Standard buff; $698,400; (a) $47,000, (b) $10-,000, (c) $92,500. Select buff: $795,700; (a) $50,100; (b) $10,820; (c) $102,000.

The bids were referred to Wm B. Davidson, mechanical supt, for report.

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OAKLAND, Cal.—Until Feb. 14, 12 M, bids will be rec. by E. K. Sturgis, city clerk, to erect two-story frame fire house at northeast corner of 50th avenue and Bond St. Bond of 25% req. of successful bidder. Plans obtainable from city clerk.

HANFORD, Kings Co., Cal.—County Purchasing Agent Fred Cutler authorized to purchase materials for 12 by 14 ft. addition to county jail for women's quarters with lavatory room, etc. Plans for the addition are being prepared by Roy May, county surveyor.

LEMOORE, Kings Co., Cal. — City trustees will rec. bids until Feb. 18 to erect new city hall building from plans of Architect Arnest J. Kump, Rowell Bldg., Fresno; est. cost $27,500. Plans on file in office of city clerk and obtainable from architect.

RESIDENCES

Owner Taking Sub-Figures.
RESIDENCE Cost, $6500
BERKELEY, Alameda Co., Cal., San Lorenzo St. near The Alameda.
Two-story frame residence.
Owner—Thos. Fairfield.
Architect — Hutchinson & Mills, 1214 Webster St., aOkland.

Figures To Be Taken In Two Weeks.
RESIDENCE Cost, $12,000
OAKLAND, Calmar Ave.
Two-story frame and stucco residence
Owner—Capt. C. J. Bruguiere.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

Plans Being Figured.
RESIDENCE Cost, $14,000
PIEDMONT, Bellrose Ave.
Two-story and basement frame residence and garage.
Owner—A. H Halloran.
Architect—W. H. Ratcliff Jr., Mercantile Trust Bldg., Berkeley.

Contract Awarded.
RESIDENCE Cost, $22,000
SAN FRANCISCO, E San Buenaventura 90 N San Anselmo Way.
Two-story and basement frame residence.
Owner—St. Francis Home Bldg. Co., 278 Post St., San Francisco.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.
Contractor—Moore & Madsen 77 O'Farrell St., San Francisco.

Completing Plans—Figures To Be Taken In Two Weeks.
RESIDENCE Cost, $12,000
AUBURN, Placer Co., Cal.
Two-story frame and plaster parochial residence.
Owner—Roman Catholic Archbishop.
Architect—Dean & Dean, City Library Bldg., Sacramento.

Plans Being Figured.
RESIDENCE Cost, $12,000
BERKELEY, Cal., 1529 Hawthorne.
Two-story frame and stucco 7-room residence with tile roof.
Owner—H. H. Whiting.
Architect — C. E. Gottschalk, Phelan Bldg., San Francisco.

Figures To Be Taken Next Week.
RESIDENCE Cost, $30,000
SACRAMENTO, Cal., 11th St. bet. J & K Sts. (Cathedral of the Blessed Sacrament).
Three-story and basement brick class C parochial residence.
Owner — Roman Catholic Archbishop (Rev. Thos. E. Horgan).
Architect—Dean & Dean, City Library Bldg., Sacramento.

Plans Being Prepared.
RESIDENCE Cost, $30,000
SAN FRANCISCO.
Two-story and basement frame and stucco residence with tile roof (10 rooms and 3 bathrooms).
Owner—Withheld.
Architect—Louis M. Upton, 454 Montgomery St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $—
SAN FRANCISCO, Santa Clara Ave.
Two-story frame and plaster residence (10 rooms, shingle roof).
Owner—De Witt Taylor.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.

To be Done by Day's Work
DWELLINGS Cost, 11, $2800; 2, $3800 and 1, $4800.
SAN FRANCISCO. Wheeler St., N Bay Shore Ave., etc.
14 one-story and basement frame dwellings.
Owner—Crocker Estate Co., Crocker Bldg., San Francisco.
Architect—Owner.

Contract Awarded.
DWELLING Cost, $12,000
SAN MATEO, San Mateo Co., Cal. Lots 114, 115 and 119 Occidental Ave.
Frome dwelling.
Owner—Robt. T. Harper, 212 Mt. Diablo Ave., San Mateo.
Architect—None.
Contractor—Leadley & Wiseman, 207 2nd St, San Mateo.

Owner Taking Figures.
RESIDENCE Cost, $8000
SAN FRANCISCO. N Vallejo 182 W Pierce Street.
Two-story and basement frame residence
Owner—E. M. Waterman, 51 First Ave, San Francisco.
Architect—R. R. Irvine, Call Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, $15,000
BURLINGAME, San Mateo Co., Cal. Lots 25 and 26 Blk 36, Vancouver Ave.
Residence and garage.
Owner—F. G. Cuthbertson, 870 North Point St., San Francisco.
Architect—None.
Contractor—G. W. Williams.

Contract Awarded.
RESIDENCE Cost, $16,000
ATHERTON, San Mateo Co., Cal. Fair Oaks Lane.
Frame residence.
Owner — G. D. Gruenig, 2952 35th St, San Francisco.
Architect—None.
Contractor — Arthur Dusenberry, 442 Hurlingham, Burlingame.

Segregated Figures Being Taken.
RESIDENCE Cost, $25,000
PIEDMONT, Alameda Co., Cal.
Two-story frame and plaster residence 10 rooms.
Owner—Fritz Henshaw, Oakland.
Architect—Sidney B. and Noble Newsom, Nevada Bank Bldg., S. F.

BEVERLY HILLS, L. A. Co., Cal. — Roy S. Price, 534 Rodeo Drive, Beverly Hills, has prepared plans for a 20-room residence to be erected on Angelo Drive near Benedict Canyon Road for Lester G. Baldwin, Beverly Hills. Two-story, 23x213 ft., frame and plaster construction, shingle rfg., hardwd. and pine trim and flrs., tiled baths, unit gas htg., water htr.; $40,000.

LOS ANGELES, Cal.—H. O. Clarke Co., 388 S Raymond Ave., Pasadena, has the contract to erect a $42,500 1-story 8-room frame and brick veneer dwelling in Oak Grove, San Marino, for C. H. Hermann. Marston-Van Pelt & Maybury, 25 S Euclid Ave., Pasadena, architects. Found. 65x70 ft., stucco and half timber exter., shakes rf., hardwd. fls., genuine Italian travertine mantels, 3 tile baths, tile kitchens, hand carved window detail, unit heating system.

SCHOOLS

Commissioned To Prepare Plans.
BUILDING Cost, $100,000
HANFORD, Kings Co., Cal.
One-story reinforced concrete academic bldg. for high school.
Owner—Hanford Junior Union High School District.
Archtect—W. H. Weeks, 369 Pine St., San Francisco.
Later an auditorium and gymnasium buildings will be erected, which will cost approximately $150,000.

Plans Being Figured—Bids Close Feb. 9, 1924, 8 p. m.
OPERA CHAIRS ETC. Cost, $—
MT. VIEW, Santa Clara Co., Cal.
Opera chairs, electric fixtures and motion picture equipment for high school.
Owner—Mt. View High School District
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Figures to be Taken in Three Weeks.
SCHOOL BLDG. Cost, $60,500
FOLSOM, Sacramento Co., Cal
One-story brick school bldg., 6-room, gymnasium and auditorium.
Owner—Folsom Union High School District.
Architect—Geo. C. Sellon & Co., Mitau Bldg., Sacramento, Cal.
A bond election will be held on Feb. 16th to vote $75,000.

Construction To Start Shortly.
SCHOOL Cost, $120,000
SAN JOSE, Santa Clara Co., Cal., E Santa Clara Ave. and 9th St.
Two-story reinforced concrete parochial school building.
Owner — Roman Catholic Archbishop, (Father Richard Collins, Pastor of St. Patrick's Church).
Architect—Chas. J. I. Devlin, Pacific Bldg., San Francisco.
Bids were taken about a year ago but ran too high and construction was postponed. It is planned to start construction shortly.

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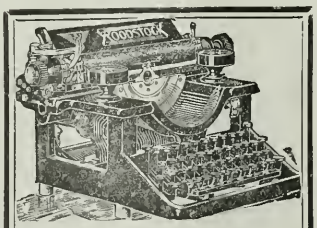

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LONG BEACH, L. A. Co., Cal.—Harvey H. Lochridge, 700 Markwell Bldg., Long Beach and Archt George M. Lindsey, 327 Laughlin Bldg., L. A., assoc., have been commissioned by the Long Beach board of education to prepare plans for a $230,000, including equipment, 16-room addition to the Whittier grammar school. Bonds in the sum of $4,900,000 voted.

LOS ANGELES, Cal.—Until 9 a. m., Feb. 23, bids will be received by the L. A. board of education 730 Security Bldg., for erecting the Sawtelle high school bldgs., to be located on the s side Texas Ave., bet. Booneville Ave. and Barrington St., Sawtelle. Contracts contemplated are: (1) general, (2) plbg (3) painting, (4) heating and ventilating, (5) elec. wiring. Plans and spec. on file at office of the secy.

YUBA CITY, Sutter Co., Cal.—Yuba City High School District trustees appoint committee to select site and secure plans for a new branch high school to be erected at Pleasant Grove.

SACRAMENTO, Cal. — Due to rapid growth of the Sacramento Junior College and the constantly increasing attendance, directors of the college contemplate a bond issue to erect another college building. Chas. C. Hughes is secretary of the Board of Education.

LOS ANGELES, Cal.—John B. Dawson, 500 Fay Bldg., was low bidder at $65,925 on the general contract for erecting a new bldg. at Raymond Ave. school site; Albert C. Martin, archt. Low bidders on other contracts were: H. H. Walker on electric work at $1078; Frank Davidson on heating at $4694; Paul B. Johnston on painting at $1060; and Ashworth & Gallop on plumbing at $2960.

MERCED, Merced Co., Cal. — The Board of Trustees of the Merced Union High School District, opened bids on February 5th for the construction of a one-story reinforced concrete high school building with auditorium to be erected in Livingston. Plans were prepared by architect W. H. Weeks, 369 Fine Street, San Francisco. The contract was awarded to E. J. Fritz, 957 20th Street, Merced on propositions No. 1 and 5, which omits the gymnasium. Following is a complete list of the general bids:

J. E. Fritz, Merced, (1) $100,350; (2) $103,350; (3) $—; (4) $—; (5) $15,-550.

Bergstrom & Swenson (1) $97,400; (2) $102,600; (3) $104,000; (4) $500; (5) $12,600.

F. H. Betz, Sacramento, (1) $99,270; (2) $105,000; (3) $105,000; (4) $495; (5) $13,850.

Campbell Constr. Co., Sacto. (1) $104,-969; (2) $109,969; (3) $109,150; (4) $560; (5) $17,000.

J. F. Shephard (1) $106,000; (2) $110,-861; (3) $111,200; (4) $475; (5) $15,000.

W. J. Ochs (1) $109,155; (2) $116,396; (3) $114,178; (4) $285; (5) $19,196.

P. F. Walstrom, (1) $99,700; (2) $105,-000; (3) $110,000; (4) $700; (5) $15,-500.

E. Riley (1) $111,000; (2) $116,200; (3) $116,900; (4) $—; (5) $12,475.

Herndon & Finnigan, (1) $111,751; (2) $117,642; (3) $120,594; (4) $550; (5) $16,550.

Anton Johnson (1) $115,880; (2) $118,-786; (3) $120,634; (4) $430; (5) $14,810.

W. J. Ulrich, Modesto, (1) $117,214; (5) $19,048.

J. E. Branagh, Oakland, (1) $113,662; (2) $117,662; (3) $119,225; (4) $333; (5) $15,629.

Frederick & Shannon (1) $122,158; (2) $130,813; (5) $20,190.

Carl Peterson, S. F., (1) $127,484; (2) $131,200; (3) $113,000; (4) $1500; (5) $15,000.

Robert Trost, S. F. (1) $129,842; (2) $130,185; (3) $130,445; (4) $716; (5) $16,200.

Heating awarded to Andy Thorsen, of Turlock on bid No. 5, $8743. His bid with gymnasium was $11,533.

Plumbing awarded to Andy Thorsen on No. 5 at $5568; with gymnasium he bid $7697.

Electrical work awarded to Merced Hardware & Implement Co. of Merced on No. 5 at $3764.

Blackboards, window shades & linoleum bids were rejected.

SPARKS, Nevada — Architect F. J. DeLongechamps, Gazette Bldg., Reno, Nevada, commissioned by Sparks Junior High School District to prepare plans for proposed $125,000 junior high school to be financed through recently authorized bond issue. Will be two story, eleven classroom structure with manual training department, domestic science department, gymnasium, etc. Central heating plant will be installed.

BANKS, STORES & OFFICES

Plans Being Prepared.

STORE BLDG. Cost, $25,000

PALO ALTO, Santa Clara Co., Cal., 165-167 Hamilton Ave.

One-story reinforced concrete store building.

Owner—Christensen & Anderson, Palo Alto (plumbing and hardware.)

FORGET

Forget the Kindness that you do
As soon as you have done it.
Forget the praise that falls to you
As soon as you have won it.
Forget the slander that you hear
Before you can repeat it,
Forget each slight, each spite, each
sneer,
Wherever you may meet it.
—Ray Havens, Past President International Rotary.

IF WE could only.
FOLLOW THE above eight lines
HOW MUCH happiness.
WE WOULD give the world.
MOST OF us.
AFTER WE do a favor.
FOR A friend.
OR SOME unfortunate.
SIT AROUND day after day.
AND WAIT for this person.
TO THANK and thank us.
WE FORGET.
THAT THE pleasure of doing.
SHOULD BE our reward.
WE FORGET.
THAT IF.
YOU DO not give.
YOU NEVER receive.
AND ABOUT praise.
IF WE could listen.
FOR SOMETHING but praise.
IT IS nice.
OF COURSE.
TO TELL our friends.
ABOUT THE nice things.
THAT THEY do.
BUT SANDY Pratt, President.
OF THE Pratt Building Material Co.
OF SACRAMENTO, Prattrock (near Folsom).
AND MARYSVILLE, San Francisco.
ALSO PRATTCO, (Monterey County).
AND PRODUCER.
OF SAND, rock and gravel.
AT THE above places.
BELIEVES IN sending the flowers.
WHILE YOU are alive.
TO STILL enjoy them.
YOU CAN'T see them.
IF THEY are.
ON TOP of your casket.
AND NOW about slander.
ESPECIALLY REGARDING your competitor.
NOW DAYS.
WHEN ANY one.
"KNOCKS" HIS competitor.
PEOPLE BECOME alarmed.
AT THE knocker.
AND EITHER don't buy.
AT ALL.
OR YOUR competitor.
GETS THE business.
SO WHEN Sandy Pratt.
AND HIS crowd.
OF FAITHFUL assistants.
ARE AFTER an order.
FOR SAND, rock or gravel.
CLEAN AND sharp.
IF YOU please.
THEY SAY.
ONLY GOOD things.
ABOUT THE other fellow.
IN THE sand and rock game.
"I THANK you."

You can lead them to water, but Sandy Pratt, President of the Pratt Building Material Co., producer of clean, sharp sand, rock and gravel, finds they drink better if you put sugar in the water instead of vinegar.

SPRING VALLEY WATER COMPANY
375 SUTTER STREET

JOHN J. SHARON
ASSISTANT TO THE MANAGER

SAN FRANCISCO, CALIF.,

December 28th, 1923.

Crowe Glass Company,
1055 Post Street.,
San Francisco, California.

Gentlemen:-

Accept my sincere thanks for your kind holiday greetings.

The theme co-operation is particularly well chosen, but I must decline to take much credit upon myself and would be particularly remiss if I did not commend you upon the way the Spring Valley Water Company office building was enclosed from the second to the seventh floors after the order was given to proceed. Likewise, the ready response and the efficient results when other portions of the work were ordered, made co-operation with your firm one of the most pleasant in my experience as Supervising Engineer of Construction of Spring Valley office building in 1923. With labor conditions as they were during the past year, I think it truly remarkable the way your firm handled the work.

Assuring you of my most cordial friendship and wishing your firm a very prosperous 1924, I am,

Very truly yours,
Felix Fibush

To Our Many Friends

We wish to announce that due to our ever increasing business, we had to enlarge and secure new quarters and have taken over the business of SCHWARZ & GOTTLIEB, located at

574 EDDY STREET, SAN FRANCISCO,

and have removed our entire plant to that location.

New Phone PROSPECT 612.

Contract Awarded.
STORE & OFFICE Cost, $20,000
SAN FRANCISCO, NW Mission and 19th Sts.
Two-story reinforced concrete store and office bldg.
Owner—Klopstock Bros., 3320 18th St San Francisco.
Architect—S. L. Hyman & A. Appleton 68 Post St., San Francisco.
Contractor — J. Spargo & Son, Russ Bldg., San Francisco.

BEVERLY HILLS, L. A. Co., Cal.—See "apartments," this issue.

Plans Complete.
LOFT & STORE Cost, $20,000
OAKLAND, N 17th St., bet. San Pablo and Telegraph Aves.
Two-story hollow tile or brick loft and store bldg.
Owner—R. E. McCann.
Architect—Clay N. Burrell, American Bank Bldg., Oakland.

Owners Taking Sub-Figures.
PUBLIC MARKET Cost, $20,000
SAN FRANCISCO, E Bartlett 36-10 N 22nd.
One-story and basement conc. public market.
Owner—R. J. O'Brien, 608 Alexander Bldg., San Francisco.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor—Kiernan & O'Brien, Alexander Bldg., San Francisco.

Owners Taking Sub-Figures.
ALTERATIONS Cost, $15,000
SAN FRANCISCO, NW Mission & 22nd Streets.
Install passenger elevator; rearrange stairs and interior partitions and install fire escapes for office and apartments.
Owner—R. J. O'Brien, 608 Alexander Bldg., San Francisco.
Architect — Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor—Kiernan & O'Brien, Alexander Bldg., San Francisco.

Concrete Work Awarded—Sub-Figures Being Taken.
STORES & LOFTS Cost, $70,000 each
SAN FRANCISCO, S Market St., 50 E Eighth.
Two 4-story and basement steel and reinforced concrete store and loft buildings.
Owner—Marion Realty Co.
Architect—D. C. Coleman, 1171 Market St., San Francisco.
Concrete work awarded to Adam Arras, 185 Stevenson St., $10,600.

Bids Being Taken For Concrete, Carpenter Work, Masonry, etc.
OFFICE BLDG. Cost, $1,500,000
SAN FRANCISCO, SE Market & Beale Streets.
Seventeen-story and basement class A brick, steel and concrete office building.
Owner—Pacific Gas & Electric Co.
Architect — Bakewell and Brown, 251 Kearny St., San Francisco.
Consulting Engineer — C. H. Snyder.
Consulting Mechanical Engineer — Hunter & Hunter.
Figures are now being taken by Mr. Mahoney of the P. G. & E. Purchasing Department.
A contract has been awarded for an Ernst Auto Turntable for the basement garage.

Concrete Work Contract Awarded.
ALTERATION Cost, $25,000
OAKLAND, Alameda Co., Cal., Broadway, Franklin and Hobart Sts.
Alter 2-story class C store bldg.
Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
Concrete work awarded to Louis Cohn 180 Jessie St., S. F., at $4200.

Foundation Permit Applied For.
FOUNDATIONS Cost, $100,000
SAN FRANCISCO, E New Montgomery bet. Minna and Natoma Sts.
Foundations for 26-story and basement class A office building.
Owner — Pacific Tel. & Tel. Co., 333 Ave., San Francisco.
Architect—J. R. Miller, T L Pflueger & A. A. Cantlin, Lick Bldg., S. F.
Contractor — Lindgren-Swinerton Co., Inc., Standard Oil Bldg., S .F.

Engineer Taking Steel Bids.
BANK & OFFICE Cost, $250,000
STOCKTON, San Joaquin Co., Cal., Sutter St. near Main.
Ten-story class A bank and office bldg.
Owner—Commercial & Savings Bank.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Engineer—C. H. Snyder, 251 Kearny St. San Francisco.
Bids are now being taken for approximately 600 tons of steel.

Permit Applied For.
STORE BLDG. Cost, $50,000
SAN MATEO, San Mateo Co., Cal. Baldwin Avenue.
Concrete store building.
Owner—Wisnom Lumber Co., 5th St. & R. R., San Mateo.
Architect—None.
Contractor—S. A. Wisnom, A and 2nd Sts., San Mateo.

Contract Awarded.
BANK BLDG. Cost, $—
STOCKTON, San Joaquin Co., Cal. Main Street.
One-story class A bank bldg. designed for 10 stories (brick & terra cotta exterior.)
Owner—Union Safe Deposit Bank.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor—J. A. Allen, 111 Kensington Way, Stockton.
Contract includes all work except painting, bank fixtures and vault $128,593.
Painting awarded to J. H. Keefe & Co. 1442 Bush St., S. F. at $3350.
Vault doors awarded to Herring, Hall Marvin Safe Co., S. F., $12,606.
Other bidders on the general contract were:
R. W. Littlefield, Oakland....$133,000
Dinwiddie Constr. Co., S. F..... 134,000
Lawton & Vezey, Oakland..... 136,963
R. McLeran Co., S. F..... 138,780
Chas. Stockholm & Son, S. F... 141,355

SAN FRANCISCO — Wm. B. Bourn, chairman of the board of directors of the Spring Valley Water Company, has purchased the entire block on lower Market street, bounded by Market, Pine and Front streets, and will later erect large office building.

RIVERSIDE, Riverside Co., Cal. — George Herz & Co., San Bernardino, were awarded general contract by Southern Sierras Power Co. to erect 2-story reinf. conc. office bldg., 34x140 ft. Both floors will be entirely open without partitions. There will be steel and wire glass windows. The curtain walls betw. the new bldg. and the adjoining bldg. (owned by the company) will be torn out to make the two bldgs. into one. Total cost will be about $55,000. C. A. Kelley, purchasing agent.

LOS ANGELES, Cal.—Archts. Morgan, Walls & Clements, 1124 Van Nuys Bldg., have prepared preliminary plans for a 12-story and basement class A bank and office bldg. to be erected at n.w. cor. of 9th and Hill Sts. for the Pacific National Bank. Dimensions 95 by 224 ft., steel, concrete and brick construction, terra cotta facing, plate glass, marble and tile work, steam htg., hardwood trim, elevators.

BERKELEY, Cal.—See "Halls and Society Bldgs.," this issue.

GLENDALE, Los Angeles Co., Cal.—Archt. Alfred F. Priest, 719 Fay Bldg., Los Angeles, is preparing plans for a three-story brick store and loft building to be erected on Brand Blvd. between Harvard St. and Broadway, Glendale, for Glendale Music Co. Dimensions, 25x110 ft., brick walls, terra cotta facing, Spanish interior for main floor, plate glass windows, fire escapes, composition roofing, metal sash, pine trim, cement and wood floors, elevators.

OCEAN PARK, L. A. Co., Cal.—Lynch Cannon Engineering Co., Chapman Bldg., has been awarded a contract at $350,000 for erecting a 4-sto and basement casino and office building at Ocean Park for the Casino Building Co. Russell & Alpaugh, 1106 Story Bldg archts. There will be a bowling alley, billiard and pool rooms in basement; dance pavilion and a number of concessions in the first story and 27 offices in each of the upper stories; dimensions 99x202 ft., brick walls, cast stone and stucco exterior, plate glass, tile and comp. rfg., structural steel, pine trim, maple floors, steam htg., elevator, marble and tile work.

THEATRES

LA CRESCENTA, L. A. Co., Cal. — H. N. Fowler of La Crescenta, who is subdividing his property, states he is negotiating with Los Angeles and Pasadena parties to lease and finance an 800-seat theatre at Honolulu and Los Angeles Aves., La Crescenta; the bldg. also to provide drug store and restaurant; 2-story bldg.

HUNTINGTON PARK, L. A. Co., Cal.—Arthur G. Lindley and Chas. R. Selkirk, assoc., are completing plans for a class A theatre bldg. to be erected on S Pacific Blvd., Huntington Park, for Hulsman & Boyd. The theatre has been leased to the West Coast Theatres, Inc. It will have a seating capacity of 1800 people and there will be shops and offices in the bldg. Three sto., 114x150 ft., reinf. conc. const., comp. rfg., cement and hardw. fls., ornam. iron work, large lobby; $200,000. Bids are to be taken soon.

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WHARVES AND DOCKS

LOS ANGELES, Cal. — Waterhouse-Wilcox-Pacific Co., 331 E. 4th St., awarded contr. by Bd. Pub. Wks. at $1588 for fur. steel roller doors under spec. 845.

LOS ANGELES, Cal.—J. H. Baxter & Co., 108 W. 6th St., awarded cont. by harbor comm. at $217,809 for fur. piling under spec. 571. Charles R. McCormick Co., Lane Mortgage Bldg., was awarded the creosoted lumber (sections B and C) under same spec. at $25,663.40.

LOS ANGELES, Cal.—City harbor comm., 312 Byrne Bldg., authorizes purchase of creosoted timber and piling amounting to approx. $140,000, to be used in const. of pier at Berth 230. Work will be done by force account under the direction of Harbor Eng. J. W. Ludlow.

SAN FRANCISCO—State Board of Harbor Commissioners, Ferry Bldg., approve plans for China Basin Pier, 500 feet long, 385 feet wide, to be erected at foot of Third street in China Basin; est. cost, $2,000,000. Future extensions will cost another $2,000,000. Structure will be known as Pier No. 50. The commission will forward plans to the State Treasurer with the request that formalities attending the sale of bonds totaling $2,000,000 be rushed. Frank G. White is chief engineer for the commission.

AVALON, Cal.—Application has been made to U. S. Engineer Office by city of Avalon to const. addition on the southeasterly side of the municipal wharf, at the foot of Catalina Ave., Avalon; the addition to be 20 ft. wide and 150 ft. long at the outer end of the approach to the wharf and 8 ft. wide and 20 ft. long on the L at the outer end of the wharf.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded.
BUILDING Cost, $10,000
BERKELEY, Alameda Co., Cal. No. 1506 Euclid Avenue.
One and one-half-story 7-room Class C building.
Owner—H. W. Finch, 2159 Vine St., Berkeley.
Architect—None.
Contractor—W. Livingston, 2918 Ellis St., Berkeley.

Figures To Be Taken Shortly.
TERMINAL BLDG. Cost, $65,000
SACRAMENTO, 11th, 12th, H & I Sts.
Two-story brick class C R.R. Terminal bldg. (brick exterior, marble and tile work).
Owner—Bisbee Inv. Co.
Architect — Woollett & Lamb, Hagelstein Bldg., Sacramento.

LOS ANGELES, Cal.—Archts. Morgan Walls & Clements, 1124 Van Nuys Bldg. have completed plans for a class A newspaper publishing building to be erected on Trenton St. near Pico St. for the Evening Herald. It will be 3-story and part basement, designed for 4 stories, L-shaped, 100 ft. frontage on Trenton St., 200 ft. on Georgia St. and 282 ft. deep; reinf. concrete construction, brick filler walls, stucco and cast stone exterior, steel sash, plate and wire glass, metal skylights, marble and tile work, steam htg., elevators. Bids will probably be taken this week on general contract, plumbing, heating, wiring, painting, marble and tile work, elevators, and roofing.

LOS ANGELES, Cal.—Universal Film Exchange, 822 S Olive St., is taking bids for a 3-story and basement class C bldg. to be erected for itself on Olive St. south of 10th. Plans were prepared by the Milwaukee Building Co., 315 Wright & Callender Bldg. Dimensions, 50x123 ft., brick walls, press. brick and terra cotta facing, plate glass windows, steel sash, steel columns and beams, wood floors, elevator.

SAN DIEGO, Cal.—Union Oil Co. proposes to enlarge local storage plant on National Ave. by the erection of an additional 25,000 bbl. capacity. L. H. Fish, dist. mgr. for the company.

SACRAMENTO, Calif.—W. B. Fink, owner of the Fink sub-division, seeks permission of city council to establish an amusement park on the property. Improvements contemplated will not be made public until authorization of the city council is granted. H. G. Denton is city clerk.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from the Domestic and Foreign Trade Bureau of the Chamber of Commerce, Merchants Exchange Building, San Francisco:

7833—Berlin, Germany. Manufacturer's agent and exporter of cut and polished marble and granite for monumental and building purposes desires Pacific Coast representation. Can offer an unusual agency proposition. Samples and price list on file with foreign trade bureau.

7840—Buenos Aires, Argentina. Party desires to get in touch with manufacturers of automatic pumps for motor cars. pumps which are operated by the motor.

7841—Berlin, Germany. Gentleman is desirous of extending his export business in emery cloth, emery paper, emery belts, flint paper, etc., to San Francisco. One good selling connection sufficient.

7842—Paris, France. Manufacturers of high grade, artistic upholstering materials desire to communicate with local decorators and upholsters who might be interested in importing their products.

7843—Cleveland, Ohio. Firm manufacturing brooms for street sweepers desires to get in immediate communication with San Francisco importers of fibers suitable for use in the manufacture of these brooms.

7845—Guadalajara, Mexico. Manufacturer of hose is in the market to buy stitching machinery. Shipments are to be made via Manzanillo as soon as conditions permit.

7853—Maastricht, Holland. Exporter of earthenware seek a market for their products on the Pacific coast, prefer to appoint an agent.

7856—San Francisco. Engineer, with twenty-five years experience in the Far East, with thorough knowledge of business conditions there, desires to associate himself with foreign trade house in San Francisco, either here or abroad.

7857—San Francisco. Young American, college graduate, with several years experience in France, is returning to France in June. He desires opportunity to represent American interests in that country as resident representative.

D-1058—New York. Firm would like to get in touch with concern capable of selling silver sand, moulding sand, pig iron, ferro manganese, ferro chrome, ferro silicon and building cement.

D-1059—Sal Lake City, Utah. Gentleman would like to communicate with furniture manufacturers on the Pacific Coast, wishing representation in the Rocky Mountain region.

D-1060Willows, Calif. Party interested in purchasing wholesale, wire frames for making floral pieces.

D-1061 — Portland, Ore. Gentleman anxious to communicate with manufacturers who wish to establish permanent agency in the Northwest. Can furnish best local bank and business references.

D-1063—Los Angeles, Calif. Gentleman interested in communicating with manufacturers or specialists in "dump truck" appliances; has new appliance.

D-1064—Oakland, Calif. Firm anxious to secure high grade man to take charge of sales. Opportunity to secure interest in firm handling national advertised merchandise.

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Leads for Business

BARBERS—Iku Yagi, 667 to 640 Pacific
CIGARS—M. J. Reynolds, 80 29th to 698 San Jose Ave.
CONTRACTORS—Howard S. Williams, (general), Builders' Exchange to 185 Stevenson.
DRAYAGE—Blair Express & Transfer Co., 1909 to 1953 Sutter.
FRUIT—H Sanguinetti & Co., (Southern Heights Fruit & Produce C.), 1471 18th to 300 Connecticut.
GROCERS—Blakely Grocery, 1700 to 1772 Filbert.
INFANTS WEAR—E. J. Feisel, 37 Battery to 331 Mission.
INSURANCE—Mutual Benefit Health & Accident Assn., 760 to 870 Market.
LADIES' APPAREL—Mme. A. Cordeaux
LUMBER—F. B. Maccomber & Son, (F. B. Macomber, F. B. Macomber, Jr.), Hearst Bldg. to 681 Market
MACHINES—Holcomb & Hoke Mfg. Co., 1067 Mission to 525 Market.
MOTION PICTURES—Cinema Arts & Crafts, formerly Pacific Motion Picture Studios, Inc., 331 Tnrk.
OIL — Salteador Petroleum Co., 726 Phelan Bldg.
PAINTS—Martin Semoure Co., opening 714 Sansome.
PHYSICIANS — Dr. Louis J. Oviedo, (132 Appleton), 504 Valencia.
PRINTING—Blanchard Press, Inc., 447
PUBLISHERS—Regent News Co., Inc., 482 to 494 Sutter.
REAL ESTATE—Erigbaum Marcelius & Co., 155 to 240 Montgomery
SHEET METAL WORKS—J. A. Korell Co., 39 Isis to 273 12th.
Herbst Mfg. Co., 1943 to 1525 Mission.
SIGNS—Devany Sign Service, 39 St. Anne to 72 Commercial.
TAILORS—A. D. Barsuglia, 580 Washington to 19 Columbus.
TRUNKS AND LUGGAGE—Davis Suit Case Co., (Eastern Suit Case Co.), 416 Natoma.
WELDING AND BRAZING — Pacific Welding & Brazing Co, 167 Hayes to 649 Golden Gate Ave.
WOODWORKING—Dale Porter, 39 St. Anne to 72 Commercial.
MISCELLANEOUS—Dougls Fir Exploitation & Export Co., (G. O. Thompson), 260 to 244 California.
Soules & Hawley, (Dyrite Co.), Mills Bldg., to Chancery Bldg.
Western Waste Materials Co., 631 Brannan to 1502 Harrison.
West Ontario Citrus Assn., (Ontario, Cal.), plan $209,000 packing plant at Monte Vista.
Fresno plans $75,000 swimming pool.
Pahl-Harry Co., Stockton, to build $18,000 plumbing shop.
Jail to cost $2,500 to be erected at Firebaugh
K. L. Harman Advertising Organization Inc., 525 Market, plan $70,000 office building in Oakland.
Grandstand- and Agricultural Pavilion, $50,000, planned for Rodeo grounds, Salinas.
Architect W. E. Weeks, 369 Pine, soon to take figures $150,000 school building for Junior High School, Piedmont.
Associated Oil Co. to erect $50,000 administration, laboratory and engineering building at Avon.
Benham Ice Cream Co., Fresno, plan to erect plant at Hanford.
Architect W. C. Faleh, Hearst Bldg., preparing plans $35,000 twelve apt. and four store building in Oakland.
County Purchasing Agent, Portland, Ore., to buy tracklaying type gasoline tractor, 3-wheel gas road roller and two 5-ton truck chassis
ARMY GOODS—United Army Surplus Goods, 501 Castro.
ART STORE — Tunnel Shop (O'Hara, Livermore and Arthur Bacon), 415 Stockton to 522 Sutter.
ATTORNEYS — Lemuel D. Sanderson, 809 Merchants Exchange Bldg.
H. Swenson, 623 Phelan Bldg.
AUTOMOTIVE—Monterey Garage, 590 Monterey.
Paul Lining Co (brake lining) 96 8th
BURNERS — Turbine Oil Burner Co., 260 California.
CLEANING & DYEING—O. E. Hoaglund, 516 Jones.
DRUGS—Ward & Clemens, 5800 Geary.
Bergman Pharmacy, 654 Irving.
ENGINEERS — Chas. P. Crimwood (consulting) 711 Mills Bldg.
FLOORING—Swan Bros. Floor Covering Co., 4649 Mission.
FUEL—U. S. Fuel Co. (A. D. Pierson), Exchange Blk. to 582 Market.
FURNITURE—Happy Homes Co., 648 Howard.
GROCERS—P. J. Moran, 301 Shrader.
A. Sabini, 1360 Powell.
HARDWARE — R. M. Taylor, 1555 Haight.
INSURANCE — Underwriters Salvage Co., 256 Mission.
Monarch Accident Insurance Co., 760 Market.
OPTEMETRISTS—Ray Bangle, 209 to 210 Post.
REAL ESTATE—California Oil Co. & Yuba Land Co., 885-886 Mills Bldg.
McKee & Conway (2761 Mission), branch 5128 Mission.
SECURITIES—C. Kelly, 485 California
STOCKS & BONDS — T. R. Jump, 155 Montgomery to 485 California.
TAILORS—Ahe Jacobs, 952 Market to Loews Bldg.
TEXTILE — Kemp-Booth Co., Ltd., (woolens) 68 Post to 206 Phelan Bldg
MISCELLANEOUS—Reducing Garment Shop, 545 Sutter.
E. D. Philbrick, 41 Sheridan.
Zeller Lacquer Mfg. Co., 67 Steuart.
R. L. Haubold, 68 Post to Phelan Building.
Babjohn & Morcom to occupy $14,000 picture frame factory to be erected NW Harison and 9th.
Archts. Fabre & Hildebrand, (110 Sutter) soon to take figures $70,000 twenty-four pat. building, E Jones bet. Sutter and Bush. Same archts. are planning $25,000 eight apt. bldg., Scott near Union.
Cahill Bros., Sharon Bldg., awarded contract $75,000 store and loft bldg. in Oakland.
A general hospital $250,000 proposed for San Rafael. See Dr. J. H. Kuser, Sec., Marin County Medical Society.
Home Sash & Mfg. Co., (C. P. Lange, sec.), Spokane, Wash. to erect $75,000 (first unit) mill plant .
First Presbyterian Church (C N Elsner, chairman), Eureka to erect $60,000 church bldg.
Archt. J. J. Donovan (1916 Broadway, Oakland), preparing plans for $450,000 high school bldg. for Eureka.
LEASES — C. F. Hornung to Feodor Rothe—3056 24th St 3 yrs $30 per mo.
Dec. 1, 23—A Esmiol to E Doris—SW cor Vallejo & Stockton 705 Vallejo St 6 yrs $17,100.
MILLING—Globe Grain & Milling Co., constructing $14,000 grain storage tempering bins, 1701 Montgomery.
PHOTOGRAPHERS — C. G. Williams, 706 Market.
PUMPS AND TANKS—F A. B. Mfg. Co., (H. E. Crowell), 564 Market.
REAL ESTATE—Brewster & Silen, 870 Market.
RESTAURANT—Women's Bldg. Sandwich Shop, 212 Ellis.
ROOFING — Down Town Roofing Co., 615 Clay.
SHOES — Ground Gripper Shoe Co., 687 Market to 160 Powell in March.
SYRUPS—Cary Maple Sugar Co., 900 Battery.
TAILORS—F. J. Clancy, 8 Turk to 952 Market.
The Baltimore, (ladies), 385 24th Ave.
TEXTILE—Ehlers & Fahey, (silks) 77 O'Farrell.
MISCELLANEOUS—Albert G. Albertsen, Flatiron Bldg
Weldene Service Shop, 550 Valencia.
American Milling & Wholesale Co., St. Clair Bldg.
St. Francis Picture Inc., (L. G. Bonzagni), United Bank Bldg.
Higgins Mfg. Co., 110 Market.
Robt. C. Patterson, Call Bldg.
Happy Homes Co., 447 Washington.
L. C. Turner and H. Lichtenstein, 830 Market
City Clerk, Sacramento, to buy asphalt plant.

(Continued on Page 21)

Official Proposals

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO CONTRACTORS

(Byron-Bethany Irrigation District)

NOTICE IS HEREBY GIVEN that sealed proposals or bids will be received by the directors of the Byron-Bethany Irrigation District, at the office of said district at Byron, Contra Costa County, California, **up to 2 o'clock P. M. of Saturday the 16th day of February, 1924,** for the work hereafter specified.

Proposals must be made upon the form provided therefor and may be made for the construction of any or all divisions, but the proposal for each division must be made separately, and upon a separate or distinct form or blank. Each bidder will be required to deposit with his proposal as security for the execution by him (if his bid is accepted) of the contract, the giving of the required bond within 5 days after notice of the acceptance of his bid, certified checks payable to the order of the President of the Board of Directors of the Byron-Bethany Irrigation District. Said checks shall be for at least 5 per centum of the amount of said bid.

The bidder to whom any contract is awarded will be required to give an approved bond, with two approved sureties, or an approved surety company, for twenty-five (25 %) per cent of the amount of the contract, conditioned for the faithful performance and completion of the contract, and also the satutory bond for the payment of material men, laborers, etc.

Work shall be done under the direction and to the satisfaction of the engineer, and approved by the board.

Contracts will be awarded to the lowest responsible bidder, but the board reserves the right to reject any and all bids.

Plans and specifications for the said work may be seen at the office of said board, and full and complete details of said work obtainable therefrom.

The work to be constructed under this bid is particularly described as follows:

Division One

For furnishing and laying 2150 ft. of 24-in. non-reinforcing concrete pipe with inlet and outlet structures and gate, also sediment chamber on line.

Division Two

For the furnishing and laying 2185 ft. of 14-in. non-reinforced concrete pipe with inlet and outlet structures and gate. Also 700 ft. 14-in. non-reinforced concrete pipe with inlet and outlet structures and gate.

Division Three

For construction of irrigation ditches more particularly described as follows:

In NW ¼ Sec. 25, T. 1 S. R. 3 E., Approximate length 2256 ft.

In NW ¼ Sec. 30, T. 1 S. R 4 E. Approximate length 660 ft.

Done by order of the Board of Directors, and dated this 18th day of January, 1924.

R. R. HOUSTON,
President Byron-Bethany Irrigation District.

G. A. HOWARD,
Secretary Byron-Bethany Irrigation District.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on March 3, 1924,** at which time they will be publicly opened and read, for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

San Mateo County, between Half Moon Bay Road and Kings Mountain Road (IV-S.M.-55-C), about six and four-tenths (6.4) miles in length, to be graded and surfaced with crushed gravel or broken stone.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W F MIXON, Secretary.
Dated: February 4, 1924.

NOTICE TO BIDDERS

(Grading and Paving of Certain Streets in the City of Reno, Nevada, with Asphaltic Concrete Type Pavement)

Notice is hereby given that the City Council of the City of Reno, Nevada, invite and will receive sealed bids up to **seven (7) o'clock p. m., of Monday, the twenty-fifth (25th) day of February, A. D. 1924,** for the paving of certain streets in the city of Reno, Nevada.

The work to be done consists of the following estimated quantities: 770,000 square feet, more or less, of three and one-half (3½) inch asphaltic concrete base with one and one-half (1½) inch bituminous wearing surface.

Copies of the specifications may be obtained from Harry Chism, city engineer, upon the deposit of five dollars ($5); said money to be refunded if the specifications are returned within five (5) days after the award of the contract.

Plats and plans may be seen and examined at the office of the City Clerk or City Engineer.

Each bid must be accompanied by a check, payable to the city of Reno, Nevada, certified by a responsible bank, for an amount not less than ten (10) per cent of the aggregate of the bid.

For further information inquire in writing to the City Engineer.

The City Council of the City of Reno, Nevada, reserves the right to reject any and all bids.

Dated at Reno, Nevada, this 5th day of February, A. D. 1924.

J. E. REESE,
City Clerk and Clerk of the City Council of the City of Reno, Nev.

BIDS WANTED FOR ICE MAKING & REFRIGERATING PLANT

ADVERTISEMENT

SEALED PROPOSALS, indorsed "Proposals for Construction of Ice-making and Refrigerating Plant at U. S. Veterans Hospital, Livermore, Calif.," will be received by the U. S. Veterans Bureau, Room No. 791, Arlington Building, Washington, D. C., until 11:00 A. M., March 28th, 1924, and then and there publicly opened, for the construction and installation, ready for operation, of a raw-water ice making and a complete refrigerating plant for U. S. Veterans Hospital, Livermore, Calif., as shown on drawings and as described in specifications. Drawings and specifications may be obtained upon application to the Construction Division, Room No. 791, Arlington Building, Washington, D. C., or to Wm. H. Radcliffe, Bureau Representative at U. S. Veterans Hospital, Livermore, Calif. Deposit with application of a check or postal money order for $15 payable to the Treasurer of the United States, is required as security for safe return of drawings and specifications within ten days after date of opening proposals. Frank T. Hines, Feb. 11, 1924.

NOTICE TO CONTRACTORS

(Sacramento County—County Jail Repairs)

Sealed bids will be received by the Clerk of the Board of Supervisors of Sacramento County, California, at the office of the said Clerk of the Board, in the Court House, Sacramento, California, up to **ten o'clock a. m., Monday, the 11th day of February, A. D., 1924,** for the furnishing and installing of fifty-seven (57) bunks and plumbing fixtures in the County Jail.

Each bidder must submit a proposal to the Clerk of the Board of Supervisors on standard forms which may be obtained from the County Engineer, said proposal to be accompanied by a certified check of ten per cent of the amount bid, check to be made payable to the Chairman of the Board of Supervisors of Sacramento County, California.

Plans and specifications are on file in the office of the County Engineer and the Clerk of the Board, to which bidders are hereto referred to.

The Board of Supervisors reserves the right to reject any and all bids

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

received and waive any informality in the bids received as the public good may require.

HARRY W. HALL, Clerk
By William Hickey, Deputy.
Dated January 21st, 1924.

NOTICE TO CONTRACTORS

Colusa County—Grimes-Arbuckle Road

Sealed proposals will be received at the office of the County Clerk, County of Colusa, Hall of Records, Colusa, California, **until 2:30 P. M., on February 21, 1924,** at which time they will be publicly opened and read, for the construction in accordance with the specifications therefor, to which special reference is made, portions of the Bonded County Highways as follows:

Grimes-Arbuckle Road, from Grimes to Prize Bridge.

Engineer's Approximate Estimate

Item 1. Grading 6.05 miles (including subgrading), 17,400 cubic yards, excavation unclassified.

Item 2. Subgrade no lin. feet.

Alternative Items

Item 3. 3282 cubic yards Class "A" Portland cement concrete pavement.

Item 4. 7887 cubic yards Asphalt concrete pavement.

Item 5. 7887 cubic yards Willite Plastic Composition Pavement.

NOTE—Alternative item 4 or alternative item 5 is to be considered as alternative for item 3 and may be employed in lieu thereof if the Board of Supervisors shall so elect.

The Contractor will be required to furnish all materials necessary for the construction of the road. The bidders are given the opportunity to submit bids based upon the privilege of using such materials as they may obtain from a gravel bar provided by the County as more explicitly described in the specifications.

The foregoing quantities are approximate only, being given as a basis for the comparison of bids, and the Board of Supervisors and Engineer do not, expressly or by implication, agree that the actual amount of work will correspond therewith, but reserve the right to increase the amount or decrease the amount of any class or portion of the work, as may be deemed necessary or expedient by the said Board of Supervisors or Engineer.

All bids are to be compared on the basis of the Engineer's estimate of the quantities of work to be done.

Plans and specifications may be seen and forms of proposal, bonds and contract may be obtained at the office of the County Clerk or the Engineer, or a copy of the plans and specifications may be obtained from the Clerk of the Board of Supervisors on depositing $5.00 with said Clerk, the deposit to be refunded upon the return of plans and specifications.

The Board reserves the right to reject any or all bids, or accept the bid deemed for the best interest of the County.

Date Adopted, February 4, 1924.
(SEAL) T. D. CAIN,
Clerk of the Board of Supervisors of Colusa County, California.

NOTICE TO CONTRACTORS

(Colusa County—Grimes-Colusa Road)

Sealed proposals will be received at the office of the County Clerk, County of Colusa, Hall of Records, Colusa, California, **until 2:15 P. M., on February 21, 1924,** at which time they will be publicly opened and read, for the construction in accordance with the specifications therefor, to which special reference is made, portions of the Bonded County Highways, as follows:

Engineer's Approximate Estimate

Item 1. Grading 5.65 miles (including subgrading), 11,800 cubic yards, excavation unclassified.

Item 2. Subgrading 7600 lin. feet.

Alternative Items

Item 3. 9705 cubic yards Class "A" Portland cement concrete pavement.

Item 4. 9213 cubic yards Asphalt concrete pavement.

Item 5. 9243 cubic yards Willite Plastic Composition Pavement.

NOTE—Alternative item 4 or alternative item 5 is to be considered as alternative for item 3 and may be employed in lieu thereof if the Board of Supervisors shall so elect.

The Contractor will be required to furnish all materials necessary for the construction of the road. The bidders are given the opportunity to submit bids based upon the privilege of using such materials as they may obtain from a gravel bar provided by the County as more explicitly described in the specifications.

The foregoing quantities are approximate only, being given as a basis for the comparison of bids, and the Board of Supervisors, and Engineers do no, expressly or by implication, agree that the actual amount of work will correspond therewith, but reserve the right to increase the amount or decrease the amount of any class or portion of the work, as may be deemed necessary or expedience by the said Board of Supervisors or Engineer.

All bids are to be compared on the basic of the Engineer's estimate of the quantities of work to be done.

Plans and specifications may be seen and forms of proposal, bonds and contract may be obtained at the office of the County Clerk or the Engineer, or a copy of the plans and specifications may be obtained from the Clerk of the Board of Supervisors on depositing $5.00 with said Clerk, the deposit to be refunded upon the return of plans and specifications.

The Board reserves the right to reject any or all bids, or accept the bid deemed for the best interest of the County.

Date Adopted February 4, 1924.
(SEAL) T. D. CAIN,
Clerk of the Board of Supervisors of Colusa County, California]

NOTICE TO CONTRACTORS

Colusa County—Princeton-Colusa Road

Sealed proposals will be received at the office of the County Clerk, County of Colusa, Hall of Records, Colusa, California, **until 2:00 P. M., on February 21, 1924,** at which time they will be publicly opened and read, for the construction in accordance with the specifications therefor, to which special reference is made, portions of the Bonded County Highways, as follows:

Engineer's Approximate Estimate

Item 1. Grading 12.36 miles (including subgrading), 26,600 cubic yards, excavation nuclassified.

Item 2. Subgrading 3900 lin. feet.

Alternative Items

Item 3. 17,933 cubic yards Class "A" Portland cement concrete pavement.

Item 4. 17,078 cubic yards Asphalt concrete pavement.

Item 5. 17,078 cubic yards Willite Plastic Composition Pavement.

NOTE—Alternative item 4 or alternative item 5 is to be considered as alternative for Item 3 and may be employed in lieu thereof if the Board of Supervisors shall so elect

The Contractor will be required to furnish all materials necessary for the construction of the road. The bidders are given the opportunity to submit bids based upon the privilege of using such materials as they may obtain from a gravel bar provided by the County as more explicity described in the specifications.

The foregoing quantities are approximate only, being given as a basis for the comparison of bids, and the Board of Supervisors and Engineer do not, expressly or by implication, agree that the actual amount of work will correspond therewith, but reserve the right to increase the amount or decrease the amount of any class or portion of the work, as may be deemed necessary or expedient by the said Board of Supervisors or Engineer.

All bids are to be compared on the basis of the Engineer's estimate of the quantities of work to be done.

Plans and specifications may be seen and forms of proposal, bonds and contract may be obtained at the office of the County Clerk or the Engineer, or a copy of the plans and specifications may be obtained from the Clerk of the Board of Supervisors on depositing $10.00 with said Clerk, the deposit to be refunded upon the return of plans and specifications.

The Board reserves the right to reject any or all bids, or accept the bid deemed for the best interest of the County.

Date Adopted February 4, 1924.
(SEAL) T. D. CAIN,
Clerk of the Board of Supervisors of Colusa County, California.

LEADS FOR BUSINESS

(Continued from Page 19)

LEASES—Samuel Ran to B Rohrdanz —234-240 5th st cor Tehama st 3 yrs $150 per mo.
Nov 7, '23—Marion and Frances Leventritt to United Stores Realty Corporation — E Mission 98-2 N 22d E 122-6 N 25-3 th in straight line to a pt on E Mission 131 N from N 22d S alg E Mission 32-10 to beg 27 yrs $325 per mo etc.
Oct 8, 23—William H Woodfield Jr to National Shirt Shops Inc—W Mission 30 S 21st S 30-3 x W 70 10 yrs $69,000.
Jan 24, 24—Robert H Smith to Roy M Koren—5411 Geary st 5 yrs $6300.
Jan 29, 24—Baron S and Lily Tilden to E C and Laura B Clarey—1035 Sutter st Tilden Apts 10 yrs $198,000.
LEASE—Jan. 28, 1924—Gustave Ehrlick to Raymond H. and Pauline M. Cowles—N Geary 55 W Palm Ave W 25-2xN 75 and use of driveway descd in agt from Jory recd Oct. 14, 21, 7 years, $12,600 W A 647
Jan. 25, 1924—Mrs. M. E. Coones to Edward E. Green—3619-21 18th St., 1 year, $30 month.
Jan. 28, 1924—Mary Shahan to Geo. and Pete Pekraman—634 Clement St. 5 years, $125 per month, etc.
Feb. 2, 1924—Bridget Farren to H. L. Snyder—W 14th Ave bet. Anza and Balboa No. 511 14th Ave. 2 years with option of 1 year, $2640.
Jan. 29, 1924—Leon Lewin to Baptiste Pratt—1450 Fillmore St. 5 years, $13,500.
Jan. 8, 1924—F. Le Borie to Roy Sweitzer—426 Lyon St. 1 year, $621.
ASBESTOS—Asbestos Co. of California, 453 to 475 Stevenson.
AUTOMOTIVE — Theo. White (shop) 1509 Franklin.
BAKERIES — Brick even $1000 being constructed. May be new 300 Chenery
BEAUTY PARLORS—Mrs Theresa Sullivan, 251 Post.
CANDY—Pete Whitcomb Candy Co. 717 Market to 1768 Church.
CONTRACTORS — Stewart & Welch Construction Co., 315 Montgomery.
DAIRY PRODUCE — Lovell & Christmas, 112 Market.
ELECTRICAL— J. Stadtner (fixtures) 1133 Buchanan to 1511 Ellis.
Feather River Power Co. (Lars Jorgensen, 582 Market, engineer) plan $10,000,000 power plant development above Oroville.
FURNITURE—Ervin Mattress & Rug Co., 416 East Haler, Santa Barbara, opening retail furniture business, desires to purchase furniture, hardware, stoves, beds, rugs, etc.
HOTELS — Archt. W. H. Weeks, 369 Pine to prepare plans for 125 room hotel, Woodland.
IMPORTERS — Mexican American Trading Co. and Crescent Commercial Co., 204 Sacramento.
LEASES — Mr. Moore to occupy 229 Jones.
MFRS. AGENTS—Super Water Agency and Simplef Filter Agency, 326 Ritch
MUSIC—F. A. Bisciotti, 1570 Stokcton.
PAINTS—Martin-Senour Co. (Chicago) Z. N. Martin will be at Palace Hotel about Feb. 10th to open wholesale 714 Sansome.
PATENTS & TRADEMARKS — Mida's Trademark Bureau, 321 Market.
PUMPS AND TANKS—G. L. Davis, 29 Spear.
REAL ESTATE—T. J. Boykin, 767-768 Prelan Bldg.
Robinson Realty Co., 5590 to 5560 Geary.
RESTAURANTS—Tom's Lunch Counter 3105 16th.
Dayton Lunch, 1006 Mission.
SCHOOL SUPPLIES — Milton Bradley Co., 20 2nd to 554 Mission.
SHIPBUILDING—California Transportation Co. (A. E. Anderson, pres., Pier 3) plans construction of river steamer.
SOCIAL RESEARCH—Davis & Morle, 555 Phelan Bldg.
TAILORS—C. T. Mueller, 442 Phelan Building.
ASSIGNMENT OF LEASE—Jan 29, 24 —J U Con to W H Brady—Randolph Apts on Larkin st near Post.

Engineering News Section

BRIDGES

SANTA ROSA, Sonoma Co., Cal—City council will consider plans shortly for proposed "A" st. bridgs. Plans by J. B. Leonard and Harold Hamill, San Francisco consulting engineers, provide for reinforced conc. structure, single span 128-ft. wide, center span 50-ft. long. Roller type of construction. Geo. Comstock, city engineer.

SANTA ANA, Cal—Until 11 A. M., Feb. 19, bids will be rec. by supervisors to const. highway bridge, having eight 30 ft. concr. spans on conc. piles anr two 31 ft. conc. spans on conc. piles; two 20 ft. conc. spans on conc. piles and three 60 ft. steel spans on conc. piers, on the State Coast Highway over the Santa Ana river, Orange county. Plans on file at the office of the supt. of highways. Deposit, $15. Cert. chk. or bond, 5%. J. M. Backs, clerk.

VENTURA, Cal.—Until 11 A. M., Feb. 20, bids will be rec. by supervisors to const. four reinf. conc. culverts with earth fill approaches on Grimes Canyon road, involving 164.3 cu. yds Class B conc., 8600 lbs. reinf. steel in culverts, 47 reinf. conc. posts, 2810 cu. yds. earth work, 600 lbs. triangle wire mesh. Plans from County Surveyor Chas. W. Petit. Cert. chk. 10%. L. E Hallowell, clerk.

OROVILLE, Butte Co., Cal.—Engineer A. A. Kramm of the Western Pacific R. R. Co., Mills Bldg., San Francisco is in charge of crews making surveys for placing new concrete or steel bridges to replace present structures over Lincoln, Huntoon and Bird Sts., in the city of Oroville.

SAN FRANCISCO — Jos. B. Strauss, bridge engineer, has arrived from Chicago, to confer with City Engineer M. M. O'Shaughnessy on the proposed $20,000,000 bridge across Golden Gate Strait.

MARTINEZ, Contra Costa Co., Cal. — City Eng. Ben Greene has completed plans for Escobar and Howard street bridges; est. costs $8027 and $7550 respectively. Both structures will be 50 ft. wide with 36-ft. pavement and 7-ft. walks on each side.

DREDGING, HARBOR WORKS AND EXCAVATIONS

YORBA LINDA, Cal.—Two bids rec. by Yorba Linda Water Co., Jan. 28 to trench and backfill 2500 ft. ditch were rejected and work will be done by the company's forces. J. W. Murray, secy.

LONG BEACH, Cal.—United Dredging Co., Central Bldg., Los Angeles, awarded contr. by council at 16.18c cu. yd. to dredge channel connecting Recreation Park with Alamitos Bay. Approx 2,000,000 cu. yds. material will have to be removed costing in the neighborhood of $336,000, which will be paid from the park bond money. The work will involve the construction of more than six mi. of bulkhead.

OROVILLE, Butte Co., Cal.—Lord & Bishop, Napa, at $6550 awarded contract by Oroville-Wyandotte Irrigation District to const. canals involv. 1500 cu. yds. earth excavation; 2000 cu yds. solid rock excavation; 5500 cu. yds. loose rock excavation; 8 acres clearing and grubbing; 100 cu. yds. backfill. Other bids: J. M. DeLucca, $9848; J. A. Huntington, $9200; C. R. Adams, $7000; John Phillips, $12,240; J. M. Pryde, $13,195; A. Mitchell, $11,-900; Lowery, Haidlen and O'Conner, $14,770; R. A. Bayles, $15,000; Skeels and Hudson, $11,930.

BYRON, Contra Costa Co., Cal. — Until Feb. 16, 2 p. m., bids will be rec. by G. A. Howard, secy. Byron-Bethany Irrigation District for following work:

1—Fur. and lay 2150 ft. 24-in. non-reinforced concrete pipe with inlet and outlet structures and gate, also sediment chamber on line.

2—Fur. and lay 2185 ft. 14-in. non-reinforced concrete pipe with inlet and outlet structures and gate. Also 7000 ft. non-reinforced concrete pipe with inlet and outlet structures and gate.

3—Construction of irrigation ditches 2916 ft. in length.

Cert. check 5% payable to Pres. of Bd. of Directors of Dist. req. with each bid. Plans on file at office of secy at Byron. **See call for bids under official proposal section in this issue.**

LONG BEACH, Cal. — City council and City Mgr. C. H. Windham contemplates bond issue for several million dollars to develop the harbor and water front. The bulkhead along the south shore of Terminal Island will be built to connect with the Los Angeles city bulkhead. It is planned to dredge a great portion of the harbor to 40 ft., in addition to the 40-ft. dredging on four contracts for which the city will call for bids at once.

STOCKTON, San Joaquin Co., Cal.—See "Reservoirs and Dams," this issue. Stockton flood control bond issue.

LONG BEACH, Cal.—Bids to dredge channels 2 and 3, connecting channel, and turning basin, were rejected by the city council. City Mgr. C. H. Windham was instructed to immediately advertise for bids on this work although on a 40-ft. (depth) basis. The prevous bids were on a 32-ft. basis. This change was made because of the positive assurances of various steamship interests, including Robert Dollar Steamship Co., William Wrigley interests, and Pacific Steel Co., that they would come to Long Beach. The new depth will call for the removal of over 5,000,000 cu. yds. material and cost approx. $1,250,-000. The matter is in the hands of the city mgr. and the city engr., R. D. Van Alstine.

IRRIGATION PROJECTS

SAN JOSE, Santa Clara Co., Cal—Until March 3, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to dig well and install equipment for an irrigation system at the county almshouse, at Milpitas. Plans obtainable from clerk. Robt. Chandler, county surveyor.

Carbide Flare Lights
OxyAcetyleneEquipment
Goggles—Respirators
First Aid Supplies
Carried in stock
E. D. BULLARD
565 HOWARD STREET
San Francisco, Calif.
Douglas 6320

MERCED, Merced Co., Cal.—Directors of the Merced Irrigation District have accepted the report of Chief Engineer R. V. Meikle placing the estimated cost of the district work at $3,-250,000. The report will be presented to State Bonding Commission with the request that the district be authorized to call an election at once to vote bonds for that amount. The cost completion summary follows: Exchequer dam $3,933,000; Exchequer power house $1,268,000; relocation of Yosemite Valley R.R. (for which bids are under advisement) $3,617,395; completion of distributing system, $450,000; completion of drainage system, $150,000.

STOCKTON, San Joaquin Co., Cal.—See "Reservoirs and Dams," this issue. Stockton flood control bond issue.

LIGHTING SYSTEMS

HAWTHORNE, Cal.—Until 8 p. m., Feb. 25, bids will be rec. by city trustees to const. c.l. standard lighting system complete on Ballona Ave., bet. east and west city limits; on Hawthorne Ave., bet. Ballona Ave and Wallace St., and in portions of other sts. Plans on file at the office of W. B. Shaw, city clerk.

OROVILLE, Butte Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, is completing plans for installation of street lighting system in residential and business district; est. cost, $35,000.

LOS ANGELES, Cal.—Elec. Ltg. & Supply Co., 216 W 3rd St., at $39,450 awarded cont. by supervisors to const. ornam. lighting system in Washington Blvd., bet. w city limits and e city limits of Culver City.

FRESNO, Fresno Co., Cal.—City Eng. Wm. Stranahan completes plans to install electrolier system in portions of Ventura, Mono, Inyo, G, H, L and Los Angeles Sts., and Cherry Ave. A res. of inten. to proceed with the work will be passed shortly.

BAKERSFIELD, Kern Co., Cal. — Robinson Electric Co., at $26,600 submits low bid to city council to install electrolier system in portions of Chester Ave., 19th and I Sts. Other bids, taken under advisement, were: Walker & Martin, $29,005; H. H. Walker, $38,-480; A. C. Rice, $26,949; Star Electric Company, $32,205.75; H. C. Reid & Co., $27,600; Kern Valley Electric Company $33,076. W. D. Clarke, city engineer, estimated cost at $26,400.

MACHINERY & EQUIPMENT

SACRAMENTO, Cal.—Informal bids are being rec. by State Highway Commission, Forum Bldg., Sacramento, to fur. 10 type B graders, with 8-ft. blade, engine steel and hitch complete with all necessary controls, weighing not less than 4000 lbs. and for 24 Type A graders with 8-ft. blade, engine steer and hitch complete with necessary controls, weight not less than 4000 lbs. Further information obtainable from L. R. Smith, Purchasing Agent for Commission, Forum Bldg., Sacramento.

LOS ANGELES, Cal.—John F. Willard & Son, 306 E 4th St., awarded contract by public service comm. at $8600 for fur. for immediate delivery one 56,000 lb. 40-ft. boom, 60 h. p. gas engine, portable field crane, with 4200 lb. max. lifting radius and 13,800 lb. capacity for 15 ft. radius; price f. o. b. Ducommun St. Yd. Type of crane, "Brownhoist."

LOS ANGELES, Cal. — Ducommon Corp., Central Ave. at Third St, awarded contr. by harbor comm. at $4590.60 for fur. manila rope under spec. 566.

Eccles & Davies, 320 S. San Pedro St., awarded contr. at $1600 for fur. rail bending machine (Richard Dudgeon).

Long Beach Iron Works, 2020 W. Anaheim, Long Beach, awarded contr. at $3460 for pipe hanger and conc. insert castings.

H. M. Hardy, 7293 Compton Avenue, awarded contr. at $1189.20 for warehouse scales under spec. 570.

LOS ANGELES, Cal.—Bids rec. by public service comm. for one single drum band friction type elec. hoist under spec. 703-C, were:

Brown-Bevis Co. — (Fulton), $3250, f. o. b. L. A.

Rosenberg & Co. (Washington), $2,-983, deliv. 27 days.

Garfield & Co. (Thomas), $2495.50; deliv. 25 days; band friction type.

Lidgerwood Mfg. Co., $1852, immed. deliv.; screw friction type (not according to spec.)

Smith-Booth-Usher Co. (Clyde), $2,-950; immed. delivery.

LOS ANGELES, Cal. — Fulton Iron Works awarded contr. by public service comm. at $50,000 for fur. under spec. 702, Diesel engine and at $6558 for generator. Engine is to be 4-cycle, 750 h.p., air injection, with speed of $166.6; 141 tons in weight; generator is Gn. Elec. 500 K. W. H.; price, f. o. b. L. A. Delivery—engine in 60 days, generator in 70 days.

SALINAS, Monterey Co., Cal.—Following bids taken under advisement by supervisors to fur. and del. one power shovel with dipper of not less than ¾-yard capacity struck measure, shovel to be driven by gasoline or distillate engine of not less than 50 h.p. machine to be mounted on full caterpillar type traction:

Austin	($11,900 (10,600
P & H	(9,000 10,775
Kroghing	12,015
North West	10,852
Crawler	10,345 (10,900
Erll-Steam	(9,240
Bucyrus	13,310
O & S	13,386
Marion	15,100
Link Belt	13,225
Thew	11,480

SAN JOSE, Santa Clara Co., Cal.—Gilroy Tractor and Implement Co., at $1385 each, delivered Gilroy, awarded cont. by supervisors to fur. two Cletracs. Dean Tractor and Implement Co., at $1385, delivered Santa Clara, awarded cont. for fur. one Cletrac.

LOS ANGELES, Cal.—Bids rec. by Bd Pub. Wks. to fur. two revolving steam shovels (Marion model No. 32 or equal) were:

Bucyrus Co., $15,365 each; add $400 each for oil burning equip.; alt. proposal, $22,910 each; add $575 each for oil burning equip.

Harron, Rickard & McCone Co. — $17,700 each (1¼ Koehring); add $317 for equipping each shovel with electric starter; ¾ yd. Koehring, $11,-849.65 each, $216 electric starter additional.

Norman B. Livermore & Co.—$35,349 (two shovels).

Marion Steam Shovel Co. — Ricker Mchy Co., $17,894 each, or $35,788 for each.

Pawling & Harnischfeger Co.—$35,-728 (two P. & H. shovels).

Bids to fur. one road grader of the leaning wheel type and one back slopper attached, were:

Brown-Bevis Co., Inc.—$1840; attachment, $136.

Coast Road Mchy. Co. — $1965; attachment, $167.

Bids for fur. on rental basis four steam shovels for use on the Mulholland highway were:

Otto Hansen—$650 per mo. of wkg. days, 8 hr. shifts, straight time; $12.50 each additional shift of 8 hrs. or less worked.

J. R. McKnight—$850; $30 for extra shifts. Alt. to item 2, $1100 per mo., $25 extra shifts.

Shattuck Const. Co.—$550 per mo. of 26 8-hr. shifts; $20 extra shifts.

Bids rec. to fur. one 75 h. p. tractor (Holt or equal), were: Farms Mchy Co.—$2900; Willard E. Shepherd (1922 model), $3675; $225 extra for side friction brakes installed). Also another bid at $5950 (1924 model caterpillar tractor). E. I. Crook—$Z Best 60 h.p. tractor, $6150; deduct $450 if enclosed motor and driver's cab not desired.

SAN FRANCISCO — See "Power Plants," this issue. Bids wanted for trolley wire for Municipal Railway system.

FRESNO, Fresno Co., Cal. — Elgin Auto Sweeper Co., at $7000 awarded contract by city council to fur. and del. motor street sweeper.

PETALUMA, Sonoma Co., Cal.—Kopf and Cramer, Petaluma at $2109 awarded contract by Bd. of Education to fur. one specially constructed G.M.C. motor truck for transporting school children.

LOS ANGELES, Cal.—Franklin Mchy. & Supply Co., 1915 Santa Fe Ave., awarded cont. by public service comm. at $3504.09 for one 28 cu. ft. conc motor driven concrete mixer (Austin make, 40 h. p.); delivery 30 days; disc. 2% 10 days; spec. 702-B.

LOS ANGELES, Cal.—ntil 10 A. M., Feb. 18, bids will be rec. by Bd. Pub. Wks. to fur. air compressors for Sec No. 1 of the North Outfall Sewer. Spec. on file at the office of the city engr., 405 S. City Hall annex.

RAILROADS

MARYSVILLE, Yuba Co., Cal. — Western Pacific R.R. Co., Mills Bldg., San Francisco, has appropriated $2,-500,000 for additions and betterments to its holdings. Electrification of the company yards at Marysville is provided for. It is proposed to handle all freight traffic of the Sacramento Northern, and electrical railway, on Western Pacific tracks and the switching at Marysville will be done by electric power. In Oakland the W. P. will lay additional trackage, team tracks, paving, etc., to cost $60,000. Terminals, the new yards and the North Channel spur at Stockton, Calif., will be completed. New oil houses will be constructed at Sacramento. Wooden bridges will be replaced with steel structures. Rails on the Loyalton branch will be relaid with 70-lb. steel. An annex will be erected to the company hotel at Wendover, Utah.

SAN DIEGO COUNTY, Calif. — State Railroad Commission authorizes San Diego Electric Railway Co. to construct over-grade crossing of the track of the Atchison, Topeka and Santa Fe Railway Company in Block 223 in the City of San Diego, said crossing consisting of one track of San Diego Electric Railway Company crossing the three tracks of The Atchison, Topeka and Santa Fe Railway Company, including the main line track and two side tracks. The Commission also authorized applicant to construct its track across Witherby Street near its intersection of Kurtz Street, conditional upon the construction of new highway to be constructed at separated grades where it crosses the tracks of The Atchison, Topeka and Santa Fe Railway Company. The cost of construction of said new highway, including the separation of grade, was apportioned by the Commission as follows: one-third to be borne by San Diego Electric Company; two-thirds by The Atchison, Topeka and Santa Fe Railway Company. The separated grade is to be constructed by building the highway under the tracks of The Atchison, Topeka & Santa Fe Railway Company. It is provided also that the existing crossing of the track of the street railway company at grade over the tracks of the Atchison, Topeka & Santa Fe Railway Company in Hortensia Street between Hancock and Kurtz Streets and the grade crossing of Tide Street and the track of The Atchison, Topeka & Santa Fe Railway Company, are to be abolished. Estimates of the cost of the two projects are in excess of $250,000.

Barber Greene Model 42 Loader

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SAN FRANCISCO—Jno. A. Roebling & Sons, 646 Folsom St., at $3,161.50 submits low bid to Bd Pub. Wks. to fur. trolley wire for Municipal Railway, involv. (a) 168,100 c. m. round copper wire; 16,000 lbs, $.166; (b) 133,200 c. m. grooved copper wire, 3000 lbs., $.1085.

Standard Underground Cable Co., only other bidder at (a) $.1665;; (b) $.1724.

MISCELLANEOUS SUPPLIES

LOS ANGELES, Cal.—Until 2:30 p. m., Feb. 15, bids will be rec. by harbor comm., 312 Byrne Bldg., for anchor bolts under spec. 587. Guy W. Wade, secretary.

LOS ANGELES, Cal.—Bids rec. by public service comm. for 200 doz. shovels under spec. W-196, were:

Dunham, Carrigan and Hayden Co.—$14.75 deliv. 30 to 45 days, disc. 2% 10 days; genuine Ames.

Union Hdwe. & Metal Co. — $14.79 deliv., approx. 175 doz. at once, balance 30 days; disc. 2% 10th prox; Woods Shovel Co. type.

Ducommun Corp—$11; immediate delivery, disc. 2% 10 da.; Smooth Back Ames Fall City.

Edw. R. Bacon Co., Inc.—$12.10, 45 days; dics. not stated; Smooth Back, Trojan.

Harper & Reynolds Corp.—$14.40, 8 to 10 wks., disc. 2% 10th prox; Ames (Also quoting $13.25, 4 to 6 wks., same disc. on H. & R. shovels manufactured by Wood Shovel Co., first grade).

Cal. Hdwe. Co.—$14.48, 30 doz., immediately, balance 45 to 75 days; disc. 2% 10th prox; genuine Ames. (Also quotation, $13.50, 30 to 75 days, same disc., on A-1 J. C. Birge).

Harron, Rickard & McCone Co., Inc. —$25.50, 20 doz., approx. 2 wks., balance 30 days; Red Edge.

LOS ANGELES, Cal. — Bids rec. by public service comm. for 1000 pcs. riveted pipe f. o. b. 510 E 2nd St. ,under P. A. Adv. No. W-198, were:

L. A. Mfg. Co.—$1490 6-in. 16 ga., 3-ft. lengths; deliv., 15 days.

Lacy Mfg Co., $1450; 3 to 4 wks. (f. o. b. bidder's shop).

Baker Iron Works, $1530, deliv. 2 wks, terms 2% disc. 10 days.

VALLEJO, Solano Co., Cal. — Until March 3, 10 a. m., bids will be rec. by Alf. E. Edgecumbe, city clerk, to fur. and del. 60 street signs to be set on 3-in. pipe standards; sign to have white enamel letters on blue enamel field. T. D. Kilkenny, city eng.

RESERVOIRS AND DAMS

WASHOE COUNTY, Nevada — Hindry and Boyle, consulting engineers, Carson City, complete preliminary plans for a new reservoir in Antelope Valley, northern Washoe county, to irrigate 6000 acres of land owned by Capt. E. W. Johnston of Seattle, Wash. The owned also plans to construct several miles of lateral canals and prepare the land for settlers. The dam will cost approx. $50,000. The Long Valley Land and Livestock Co. will be formed to further the project. Jas. D. Finch, Reno attorney, will represent the company.

ALAMEDA COUNTY, Calif. — East Bay Water Co., 512 16th St., Oakland, authorized by State Railroad Commission to issue not exceeding $2,500,000 par value of its unifying and refunding mortgage bonds, and not exceeding $1,162,500 par value of its 6% class A preferred stock, or in lieu thereof, not exceeding $3,158,000 of notes, for the purpose of acquiring the necessary properties and constructing the Upper San Leandro Dam and Reservoir project, for the purpose of developing an additional water supply for the East Bay district.

LOS ANGELES, Cal. — International Diamond Drill Contr. Co. awarded contract by supervisors at $16,500 for test drilling for bedrock for foundations for proposed San Gabriel Canyon dam.

STOCKTON, San Joaquin Co., Cal.—City Manager Chas. Ashburner in report to city council recommends $1,600,000 bond issue to finance flood control project. As a first step it is proposed to construct dam with flooded area of 3200 acres at Valley Springs, on Calaveras river and a projecting levee along the Farmington road to keep out the waters of Little John Creek. The second step is for the enlargement of the dam from 160 ft. to 200 ft. in height and of the flooded area to 4470 acres at a cost of $700,000. Third step provides for diverting streams adjacent to the Calaveras watershed into that river. The first step will make possible the irrigation of 24,000 acres; the second of 50,000 acres and the third 150,000 acres. Creation of the irrigation districts, the recommendation points out, will eventually wipe out the cost to the city of Stockton for flood protection.

PIPE LINES, WELLS, ETC.

ABERDEEN, Wash.—Until Feb. 13, 5 p. m., bids will be rec. by city clerk, to fur. and del. 5500 lin. ft. 6-in., and 1600 lin. ft. 4-in. cast iron pipe; 5000 lin. ft. 2-in., 2000 lin. ft. 1½-in., 4000 lin. ft. 1-in. and 6000 lin. ft. ¾-in. galv. wrought iron pipe. Further information obtainable from city clerk.

LOS ANGELES, Cal.—American Steel Pipe & Tank Co., 354 P. E. Bldg., awarded contr. by public service comm. at $1200 f. o. b. bidder's works, for fur. 240 joints 16-in., 12 ga. double stove pipe well casing under spec. 702-A; delivery 1 week or 10 days; disc. 2% 30 days. Union Tank & Pipe Co. bid $1263.60; delivery 2 weeks.

SAN JOSE, Santa Clara Co., Cal. — Until March 3, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to dig well and install equipment for an irrigation system at the county almshouse, at Milpitas. Plans obtainable from clerk. Robt. Chandler, county surveyor.

LOS ANGELES, Cal.—Western Machinery Co., 900 N Main St., awarded contr. by public service comm. at $8400 f. o. b. L. A., for two standard water drilling rigs under spec. 702-C; style 25 h.p. single cyl., 34 ft. derrick, 21,650 total weight; steel walking beam 11 ft. long; cable included. Delivery in 45 days.

SEWAGE DISPOSAL PLANTS

ANTIOCH, Contra Costa Co., Cal.—City Eng. Ralph Naas completing spec. to repair settling tanks.

MISCELLANEOUS CONSTRUCTION

CHICO, Butte Co., Cal.—City Eng. F. A. Lammison has completed plans for drainage at city sewage farm and will present them for adoption at next meeting of city trustees. Ira Morrison is city manager.

PORTLAND, Ore. — Until March 15, bids will be rec. by Port of Portland Commission, 916 Spalding Bldg., for hull for proposed new 30-in. Diesel-electric dredger; steel construction, 236 ft. long; 50-ft. beam and 12-ft. 9-in. depth. Bids will be rec. as follows:

1. Fur. labor and material, delivering hull, trusses and house complete as specified.
2. Fur. fabricating and del. materials for hull, trusses and house complete, except field rivets and wood materials.
3. Fur. labor for handling, hauling and building hull, trusses and house, fur. all labor and material not furnished by the fabricator.

Plans obtainable from offices of commission in the Spalding Bldg., Portland.

WATER WORKS

SEASIDE, Ore.—City plans to issue bonds of $180,000 to finance const. of water system, involv. 5,000,000-gal. reservoir near city and necessary pipe lines to south fork of Necanicum river, 10-mi. distant. System will provide min. of 1,300,000 gals. daily.

SAN FRANCISCO—Until Feb. 20, 3 p. m., bids will be rec. by Bd. Pub. Works to fur. and del. two 42-in., one 36-in. and four 20-in. gate valves under contract No. 100, Hetch Hetchy Water Supply project. Bids will be considered for furnishing any one or all three items. Specifications obtainable from Bureau of Engineering, 3rd floor, City Hall, on deposit of $5.

RIVERSIDE, Cal.—Improvements on the city's water system, including the metering of all services, at an estimated cost of $203,179.72, are urged in a report by Mayor S. C. Evans, filed this week with the Board of Public Utilities and the Common Council.

SANTA MONICA, Cal.—Until 10 a. m., Feb. 18, bids will be rec. by City Clerk to fur. pipe, trenching, laying pipe and backfilling in connection with the new municipal water distributing system, involving the following quantities. (Riveted steel pipe)—13,800 ft. 20-in., 10 gauge; 9600 ft. 16-in., 10 gauge; 3200 ft. 12-in., 12 gauge; 6000 ft. 8-in., 14 gauge. Alternate bids on riveted steel pipe will be rec. for wood stave pipe. (Class B cast iron pipe)—13,500 ft. 24-in., 3500 ft. 20-in., 15,510 ft. 16-in., 9670 ft. 14-in., 51,275 ft. 12-in. 11,950 ft. 10-in., 46,430 ft. 8-in., 21,320 ft. 6-in. 6500 ft. 4-in.; valves as follows: 6 24-in., 2 20-in., 10 16-in. 7 14-in., 45 12-in., 12 10-in., 36 8-in., 27 6-in., 14 4-in.; 150 fire hydrants (Keystone or equal); 20 valve manholes, connections to present mains on cost plus basis. Cert. check, $40,000 payable to order of F. A. Helton, finance commissioner. Plans obtainable from eng., H. E. Elrod, 209 Mills Fraser Bldg., Santa Monica, upon deposit of $10.

REDWOOD CITY, San Mateo Co., Cal —City trustees take under advisement bids rec. Feb. 4 for fur. pipe and fittings. Bidders were: Republic Supply Co., Crane Co., Holbrook, Merrill and Stetson; Pacific Pipe Co.; California Steam and Plumbing Supply Co.; Mark Laily Co.; Grinnell Co.; P. E. O'Hare.

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PASADENA, Cal.—Until 11:30 a. m., Feb. 11, bids will be rec. by city clerk for water pipe as follows:

Item 1, 24,000 ft. 4-in. cast iron class B water pipe; (2) 50,000 ft. 6-in. cast iron class B water pipe; (3) 18,000 ft. 8-in. cast iron class B water pipe; 10,000 ft. 12-in. cast iron class B water pipe; (4) 5160 ft. 20-in. cast iron class B water pipe; 9528 ft. 24-in. cast iron class B water pipe; (5) 7200 ft. 24-in. cast iron class B water pipe; (6) as alternate to Item 5, 7200 ft. 24-in. cast iron class A water pipe; (7) 2 tons 4-in. cast iron class D fittings; 50 tons 6-in. to 12-in. cast iron class D fittings (8) 20 tons 20 to 24-in. cast iron class B fittings. Delivery of material specified to be f. o. b. cars Santa Fe Siding, Pasadena, California. Spec. on file at office of the city clerk, Bessie Chamberlain. Cert. check 10%. This order will amount to about 22 mi. The city reserves the right to award contracts for any one or more items. Samuel B. Morris, supt. and chief engr. of the water dept.

CALEXICO, Cal. — Election will be held Feb. 14 to vote a $40,000 water works bond issue. A. L. Hubbell, city clerk.

PLAYGROUNDS AND PARKS

LOS ANGELES, Cal.—Council adopts resolution to call election in Municipal Imp. Dist. No. 24 to vote on a $120,000 public park bond issue.

SACRAMENTO, Cal. — Informal bids were received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, for furnishing all equipment, materials and labor and doing all work required for the construction and completion of a New Auto Parking Court at the San Francisco State Building, Civic Center, San Francisco, California.

Bids were taken under advisement.

Alfred H. Vogt, 185 Stevenson St., San Francisco.....$10,233. 90 days.
Carl H. Peterson, San Francisco 10,630. 90 days.
Davidson & Nicholson, Stockton 11,500. 45 days.
Barrett & Hilp, San Francisco.. 11,537. 55 days.
Abeel & Company, San Francisco 12,722. 60 days
Elliott & Grant, San Francisco.. 12,795. 90 days.
Reilly & Nemetz, San Francisco. 16,591. 100 days.
Chas. Lindgren, Burlingame.... 18,533. 75 days.
Frank Bryant, San Francisco.. 23,500. 100 days.

MERCED, Merced Co., Cal. — McRorie-McLaren Co., San Francisco, at approx. $2000 awarded contract by city trustees to furnish trees and shrubs for Bear Creek Park project. Bids will be asked at once to construct curbs gutters and driveways through park.

REDWOOD CITY, San Mateo Co., Cal —City Board of Trustees plan to purchase lands for high school baseball park and city park and playground. It is probable that funds for the land purchase will be raised through a bond issue.

SEWERS & STREET WORK

PACIFIC GROVE, Monterey Co., Cal. —Property owners are circulating petitions seeking improvement of 17th street. H. D. Severance, city eng.

VALLEJO, Solano Co., Cal.—City Engineer T. D. Kilkenny is completing spec. to imp. streets fronting city park.

STOCKTON, San Joaquin Co., Cal. — Following bids rec. by supervisors for road improvements; the low bidder in each instance being Will Moreing, Commercial Savings and Bank Bldg., Stockton:

Harmony lane (grading and gravelling), J. L. Franklin, $21,902.96; Frank C. McIntire, $20,156.24; Irey & Holden, $18,223.95; Gates & Howe, $23,678.40; J. T. Sayles, $22,230.90; Will Moreing, $17,328.50.

Eight-Mile road (grading and gravelling)—Will Moreing, $25,244; Irey & Holden, $27,218.35; Frank C. McIntire, $26,793.02; J. L. Franklin, $28,769.39; J. T. Sayles, $31,126.90; C. W. Wood, $29,-642.76.

Taylor's Ferry road (oiled asphaltic macadam pavement) — Will Moreing, $32,695; Frank C. McIntire, $37,367; Irey & Holden, $35,863.25; J. T. Sayles, $41,460; C. W. Wood, $38,181.50.

Lone Tree road (reinforced concrete pavement—Will Moreing, $24,222; Englehart Paving Construction Co., $29,-872.40; Frank C. McIntire, $29,409.64; J. L. Franklin, $32,476.40; J. T. Sayles, $34,897.40; Irey & Holden, $27,164.70.

F. E. Quail is county surveyor.

OAKLAND, Cal.—Bates and Borland, Bank of Savings Bldg., awarded cont. by council to imp. portions of Quince, Pearmain Sts. etc, involv grading $.075 sq. ft.; conc. curb with steel guard, $1.35 ft; conc. curb without guard, $.75 ft.; conc. gutters, $.30 sq. ft.; asph conc pave, $.32 sq. ft.; cem. walks, $.175 sq. ft.; 6x24-in. corru. iron and conc. culvert $4.80 lin. ft.; handholes, $40 ea.

HANFORD, Kings Co., Cal.—California Construction Co., Hanford, and 58 2nd St., San Francisco, at $31,564.45 awarded cont. by city trustees to imp. portions of Myrtle, Florinda Sts., etc. involv. grade and pave with 3-in. bituminous base with 1½-in. Warrenite-Bit. surface; cem. curbs and gutters.

Calif. Const. awarded cont. at $4494 to imp. portions of Water St., involv. grade and pave with 3-in. bituminous base with 1½-in. Warrenite-bit. surface; cem. curbs and gutters; corru. iron and conc. culverts.

LOS ANGELES, Cal.—Griffith Company, L. A. Ry. Bldg., submitted lowest bid to Bd. Pub. Wks. at approx. $104,265 to imp. 48th St., bet. first alley east of First Ave. and Mesa Dr. Wm. Liddington submitted next low bid at $104,814.36. Following is Griffith Company bid: Grading $8000 (lump sum); 78,204 sq. ft. 8-in. conc. paving 29½c ft; 253,651 sq. ft. 6-in. conc. paving 23½c ft; 1501 sq. ft. asph. paving (coarse mix) 30c ft; 3515 sq. ft. 5-in. bitum. base paving 10c ft; 7400 sq. ft. 2-in. bitum. base paving 12c ft; 791 lin. ft. curb 70c ft; 3525 sq. ft. sidewalk 21c ft; reinf. conc. culv. 48th and 2nd Avenue $2600; 2 reinf. conc. culverts 52nd and 2nd Ave., $2600; 2 reinf. conc. culv. at 48th and 9th Ave., $5200.

COLUSA, Colusa Co., Cal.—Bids will be asked within the next few days by the county supervisors for approx. $500,000 in county road projects including the Colusa-Princeton highway and the Colusa-Grimes highway (from Tuhee-Ukiah rd. south of Colusa) and Grimes-Prize bridge stretch, J. M. Felknor is county road engineer.

RENO, Nevada—Until Feb. 25, 7 p. m. bids will be rec. by J. B. Reese, city clerk, to improve various streets, involving 770,000 sq. ft., more or less, 3½-in. asph. conc. base with 1½-in. bituminous wearing surface. Cert. check 10% payable to city req. Deposit of $5 req. for spec. obtainable from City Eng. Harry Chism, deposit returnable if spec. are returned 5 days after award of contract. **See call for bids under official proposal section in this issue.**

PACIFIC GROVE, Monterey Co., Cal. —Clark and Henery Construction Co., Chancery Bldg., San Francisco, at approx. $60,000 awarded cont. by city trustees to imp. portions of Central and Fountain Aves., involv. grade; pave with 3½-in. asph. conc. base and 1½-in. Warrenite-bit. surface; conc. curbs, and gutters; 8 corru. iron culverts; 15 catchbasins; two 15-in. conc. pipe culverts; 4 sidewalk crossings.

SANTA MONICA, Cal.—Until 10 a. m., Feb. 13, bids will be rec. by council to imp. Princeton St., bet. Washington Ave. and Santa Monica Blvd.; grade and pave; const. curb and walk; bring manholes to grade and const. 6-in. cem house sewers; 1911 act. Howard B. Carter, city engr. John A. Morton, commissioner of pub. wks.

PETALUMA, Sonoma Co., Cal.—Howe and Peters, consulting engineers, 24 California street, San Francisco, commissioned by city council to make survey for new sewer system.

REDWOOD CITY, San Mateo Co., Cal — Jas. Curry, 1100 Peninsula Ave., Burlingame, at $7899 awarded cont. by city trustees to const. 12-in. and 10-in. vit. pipe sewer in portions of Minnie and Arguello Sts., etc., and approx. 84 ft. c.i. pipe. Other bids were E. M. Dearborn, $8387.36; Chambers and DeGolyer, $8924.37; John T. Lawlor, $10,-720.38; T. E. Clinch, $8,858.50; W. J. Tobin, $9121.72; O. Baroni, $8851.05; C. B. Cowden, $11,602.75.

SAN JOSE, Santa Clara Co., Cal.—Until Feb. 18, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. portions of Julian St., involv. grade and pave with 2-in. Warrenite-Bit. surface with 3½-in. Bitulithic cem. conc. base; hyd. cem. conc. curbs, gutters and walks; 1 br. catchbasin; 3 hyd. cem. conc. inlets; 8-in. vit. pipe drains; 1 br. manhole. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

OAKLAND, Cal.—Fred T. Wood Co., 417 15th St., has purchased tract of land known as "old meadow" lying between Seminary and 55th Aves., comprising approx. 11 blocks and will expend $75,000 or more in improving tract. Curbs, gutters, walks and paving will represent a greater part of the work.

BAKERSFIELD, Kern Co., Cal.—Until 10 a. m., Feb. 18, bids will be rec. by supervisors to const. Taft-Bakersfield-Maricopa highway in R. D. I. No. 25, approx. 38 mi. of roadway improvement, increasing the width of certain sections of paving now in and improving the surface of other present stretches. Est. cost, $942,000. The work will involve asph. conc base with black top, 18-ft. or more in width, including drainage ditches, corru. iron culverts, bridges, etc. The road will begin on the Bakersfield-Los Angeles highway, at Greenfield, 7.5 mi. so. of Bakersfield, thence due west to the Western waterworks on the Taft highway, thence along the Bakersfield-Taft highway to the end of the present road, about 8 mi. n.e. of Taft. From the Taft city limits the road will be continued to Maricopa. In addition, the road from Taft to the end of the present road, about 7.25 mi. n.w. of that city, will be completed. W. S. Farley, highway eng., 903 Monadnock Bldg., San Francisco.

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RIVERSIDE, Cal.—Until 9:30 a. m., Feb. 13, bids will be rec. by council to const. 20-ft. strips macad. roadway in Magnolia Ave., bet. Jurupa and Arlington Aves., etc. Work will include galv. corru. iron and conc. culverts, cem. pipe drainage sewer, grading of dirt shoulders and gutters. 1911 act. C. B. Burns, city clerk.

HAWTHORNE, Cal.—Until 8 p. m., Feb. 25, bids will be rec. by city trustees to pave Raymond Ave. bet. west and east city limits, involv. 1½-in. Willet surface on 2½-in. asph. conc. over a 2-in. sand or gravel cushion; curbs walks, gutters; 1911 act. W. B. Shaw, city clerk.

SANTA MONICA, Cal.—John A. Morton, commissioner of public works, will const. new outfall sewer into ocean by force account. The work will involve 1500 ft. 24-in. No. 10 gauge, double dipped steel pipe. Previous bids were rejected as too high. Commissioner Morton estimates the work will cost $16,000 or less.

COLUSA, Colusa Co., Cal.—Until Feb. 21, 2 p. m., bids will be rec. by T. D. Cain, county clerk, for following highway projects:

Princeton-Colusa rd., involv. (item 1) grading 12.36 mi. (including subgrading), 26,600 cu. yds. excavation, unclassified; (item 2) 3900 lin. ft. subgrading; Alternative items, (item 3) 17,933 cu. yds. class A Poht. cem. conc. pavement; (item 4) 17,078 cu. yds. asph. conc. pavement; (item 5) 17,078 cu. yds. Willite Plastic Composition pavement. Note—Alternative item 4 or alternative item 5 is to be considered as alternative for item 3 and may be employed in lieu thereof.

Grimes-Arbuckle road, involv. (item 1) grading, 6.05 mi. (including subgrading), 17,400 cu. yds. excavation unclassified; (item 2) subgrading. Alternative items (item 3), 3282 cu. yds. Class A Port. cem. conc. pavement; (item 4) 7887 cu. yds. asph. conc. pavement; (item 5) 7887 cu. yds. Willite Plastic Composition pavement. Note—Alternative item 4 or alternative item 5 is to be considered as alternative item for 3 and may be employed in lieu thereof.

Grimes-Colusa road, (item 1) grading, 5.65-mi. (including subgrading), 11,8000 cu. yds. excavation unclassified; (item 2) 7600 lin. ft. subgrading; Alternative items (item 3) 9705 cu. yds. Class A Port. cem. conc. pavement; (item 4) 9243 cu. yds. asph. conc. pavement; (item 5) 9243 cu. yds. Willite Plastic Composition pavement. Note—Alternative item 4 or alternative item 5 is to be considered as alternative for item 3 and may be employed in lieu thereof.

Plans and specifications obtainable from County Engineer J. M. Felknor or county clerk on deposit of $5 for each project; deposit returnable. **See call for bids under official proposal section in this issue.**

SAN DIEGO, Cal.—Cal. Constr. Co., Union Bldg., awarded cont. by council at $68,920 to imp. 25th and Crosby Sts.

Cushing Constr. Co., 1501 Brooks Ave awarded cont. at $47,898 to imp. State and Goldfinch Sts. and Reynard Way.

G. R. Daley, 4430 Boundary St. awarded cont. at $41,791 to imp. Granada, 29th, Dale and Palm Sts.

HANFORD, Kings Co., Cal.—Formation of a highway district embracing an assessed valuation of $12,000,000 in the Coalinga district and other details for the improvement of 29 miles of uncompleted road on the route of the Sierras-to-the-Sea highway, lying west of Coalinga, were agreed upon at a recent meeting in Hanford. Those in attendance at the meeting included Harvey M. Toy, chairman of the State Highway Commission; State Highway Engineer R. M. Morton, county engineers and members of the board of supervisors of Fresno, Monterey, Kings and Tulare counties. The Coalinga Highway District will raise $150,000 to put into construction eastward from the Monterey county line, the State Highway Commission to finance the remainder of the present road in Fresno county and maintain and improve it when funds are available. Complete details will be worked out at a meeting of the State Highway Commission on Feb. 4.

HAWTHORNE, Cal.—Geo. R. Curtis, 2440 E 26th St., L. A., awarded contrs. by city trustees to imp. Miramar St. west at $61,603.25, involv. 1½-in. Willite on 2½-in. ash. conc. paving, const. curbs, walks, gutters; and at $126,019 to imp. Miramar St. east, involv. same type of improvement. Other bids were:

Miramar West: H. G. Feraud, $75,010.70; Geo. H. Oswald, $76,291.48.

Miramar East. H. G. Feraud, $143,146.92; Geo. H. Oswald, $147,196.18.

PHOENIX, Ariz. — L. C. Lashmet, Flagstaff, at $27,382 awarded cont. by State Highway Dept. to const. 7 mi. roadway betw. Nada and Hot Springs Junction (federal aid project No. 76), involv. 16,149 cu. yds. excav. roadway (unclassified) 20c yd.; 15,686 cu. yds. excav. borrow (unclass.) 25c yd; 769 cu. yds. excav. structures (unclass.) $1.50 yd.; 8720 cu. yds. excav. ditches and ch. chgs (unclass.) 25c yd.; 120 cu. yds. levee 25c yd.; 2821 yds. overhaul (earthwork) 3c yd.; 514 cu. yds. surfacing (for Fords) $2 yd; 7710 sta. yds. overhaul (surbacing Fords) 3c yd; 324 cu. yds. class "A" conc. $14 yd.; 144 cu. yds. class "B" conc $13 yd; 93 cu. yds. class "C" conc. $13 yd; 192 lin. ft. 24-in. c.m.p. (haul and place) $1 ft; 26 lin. ft. 30-in. c.m.p. (haul and place) $1 ft.; 262 lin. ft. 36-in. c.m.p. (haul and place) $1 ft; 22,030 lbs. rein. steel (haul, bend, place) 2c lb. Structures over 20-ft clear span: 315 cu. yds. excav. structures (unclass.) $1.50 yd.; 252 cu. yds. class A conc. $14 yd; 99 cu. yds. class B conc. $13 yd.; 44,500 lbs. rein. steel (haul bend, place) 2c lb. State furnishes materials valued at $10,202.40. Other bids were: Kilsellburg, Schmids & Hitchcock, $28,140.85; Shunaway Constr. Co., $29,922.27; Cashion-Caldwell Constr. Co., $30,403.75; Hoops & Thomas Construction Co., $33,856.45.

GLENDALE, Cal.—W. J. Curren, Box 159, Glendale, submitted low bid to council at $13,538 to pave Justin Ave., Tenth St., Kenneth Rd. and Fourth St. involving 89,100 sq. ft. grading 1c ft.; 2575 ft. curb 50c ft; 4640 sq. ft. gutter 21c ft.; 59,950 sq. ft. 3-in. macad. 11c ft.; 14,050 sq. ft. walk 16.5c ft.; water pipe complete (1132 ft. 4-in. c. i. pipe and 185 ft. 2-in. galv. pipe) at $1472

Cornwell & Henderson, 120 S Glendale Ave., Glendale, low bidder at $7435 to pave Kenilworth Ave., Vine St. and Riverdale Dr., involving 43,720 sq. ft. grading 5c ft.; 1503 ft. curb 50c ft.; 26,473 sq. ft. 5-in. macad. 15c ft.; 7315 sq. ft. walk 17c ft.; water pipe complete (772 ft. 4-in. pipe and 10 ft. 2-in. galv. pipe), $1248.50.

LONG BEACH, Cal.—Geo. W. Kemper, Alhambra, awarded cont. by council at $83,000 to const. Santa Fe Ave. storm drain, including Termino, Roswell and other streets.

OLYMPIA, Wash. — A. P. Knutzen, Lynden, Wash., at $34,227 awarded contract by State Highway Commission to clear 60-ft. right of way for Olympic Highway Commission to clear 60-ft. right of way for Olympic highway from Lunch creek, Grays Harbor county, west 10.98 miles to boundary of Quinault reservation.

C. A. Strong, Tacoma, at $146,869 awarded cont. to clear 22.36 mi. on Olympic highway from Hoh river south to north boundary of Quinault reservation.

IMPERIAL COUNTY, Calif. — As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, Feb. 18, to grade and surface with crushed gravel or stone, 11.9 mi. in Imperial county bet. 2¼-mi. east of Sand Hills and the Colorado river. Project involv. 94,200 cu. yds. roadway excavation without classification; 156,500 sta. yds. overhaul; 800 cu. yds. structure excavation without classification; 25,800 cu. yds. crushed gravel or stone surface (furnishing and placing); 1700 cu. yds. crushed gravel or stone sub-base (furnishing and placing); 70,000 yd. mi. haul crushed gravel or stone.

210 cu. yds. class A concrete (structures and monuments); 175 hundredweights bar rein. steel in place (structures); 42 lin. ft. 24-in. and 462 lin. ft. 30-in corrugated metal pipe; 212 monuments. Commission will furnish corru. metal pipe. R. M. Morton, state highway engineer.

BYRON, Contra Costa Co., Cal. — Until Feb. 16, 2 p. m., bids will be rec. by G. A. Howard, secy. Byron-Bethany Irrigation District, for following work:

1—Fur. and lay 2150 ft. 25-in. non-reinforced concrete pipe with inlet and outlet structures and gate, also sediment chamber on line.

2—Fur. and lay 2185 ft. 14-in. non-reinforced concrete pipe with inlet and outlet structures and gate, also 700 ft. 14-in. non-reinforced concrete pipe with inlet and outlet structures and gate.

3—Construction of irrigation ditches 2916 ft. in length.

Cert. check 5% payable to pres. of Bd. of Directors of Dist. req. with each bid. Plans on file at office of secy. at Byron. **See call for bids under official proposal section in this issue.**

STOCKTON, San Joaquin Co., Cal.—Council, A. L. Banks, clerk, authorizes expenditure of $1500 to install pumping plant at fair grounds. W. B. Hogan, city engineer.

SACRAMENTO, Cal.—See "Miscellaneous Building Construction," this issue. Amusement park.

OAKLAND, Cal.—Bates and Borland, Bank of Savings Bldg., Oakland, at $18,000 awarded cont. by city council to imp. Golf Links road.

SAN DIEGO, Cal.—Griffith Co., 25 14th St., San Diego, submitted low bid to council to imp. Fir St., bet. 6th and California Sts., involv. 93,818 sq. ft. paving with 1½-in. asph conc. on 2½-in. bitum. base 16.2c ft.; 20,310 sq. ft. 4-in. conc. paving 16.8c ft.; 6145 sq. ft. cem walk 23c ft.; 1610 ft. cem. conc. curb 65c ft.; 100 ft. 6-in. cem. conc. sewer main at $225; two 4-in. cem. conc. sewer laterals $35.

OAKLAND, Cal.—Until Feb. 14, 12 M bids will be rec. by E. K. Sturgis, city clerk, to const. sewer with lamphole, and wye branches in Deering St., bet. Bartlett and pt. 193 ft. s.e. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

SANTA ANA, Cal.—H. H. Peterson, 356 Spreckels Bdlg., San Diego awarded cont. by supervisors at $52,302 to const. 6 mi. graveled highway on Bolsa Chica road, R. D. I. No. 26, involving 12,500 cu. yds. excav; 11,500 cu. yds. gravel; 5 wooden culverts, 10x40 ft.; 1470 lin. ft. curb and gutter. Other bids were: J. G. Beckjord, $53,000; B. R. Ford, $53,098; Blumenkranz & Vernon, $57,450; C. C. Murdy Co., $59,000; Basich Bros., $62,000; Wells & Bressler $65,000.

NEVADA STATE — Fred Coolidge, Fallon, Nevada, at $11,359.50 awarded cont. by state Highway Commission to const. portion of state highway system in Churchill county, bet. 5-mi. south of Fallon and Grimes. Contract No. 98. Other bids were: J. N. Todford, Fallon, Nevada, $11,625; Baker Bros., Reno, Nevada, $11,643; King and Malone, Reno, Nevada, $11,658; Tieslau Bros., Berkeley, Cal., $12,938; R. R. Gamble and W. A. Paul, Hazen, Nevada, $14,541; Ken Hodgman, Winnemucca, Nevada, $15,583; A. D. Drumm & Son, Fallon, Nevada, $15,705.

OAKLAND, Cal.—Until Feb. 14, 12 M., bids will be rec. by E. K. Sturgis, city clerk, to improve:

Crossings of 22nd Ave., E-28th St., and E-29th St., involv. grade and pave; const. curbs, gutters and walks; corru. iron and conc. culvert with handholes. 1911 Act.

Alice St., bet. 2nd and 7th Sts., involv. grade and pave; const. curbs and gutters. 1911 Act.

Cert. check 10% payable to city req. W. W. Harmon, city eng.

LOS ANGELES, Cal.—John Artukovich, 614 N Bunker Hill Ave., awarded contr. by Bd. Pub. Wks. at $27,900 to const. sewer in 58th Pl., bet. West Blvd. and Alviso Ave.

OAKLAND, Cal. — Council, E. K. Sturgis, clerk, declares inten. to const. sewer with manholes, wye branches and lamphole in right of way in "Toler Heights" tract. 1911 Act. Protests Feb. 21. W. W. Harmon, city eng.

REDDING, Shasta Co., Cal. — City trustees, Leslie Engram, clerk, declare inten. to imp. portions of Free Bridge rd., Pine, Trinity Sts., etc., involving grade and pave with 6-in. asph. conc. 18-ft. wide, pavement to be 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; const. walks, curbs and gutters; conc. cleanout boxes and catchbasins; vit. and corru. pipe. 1911 Act & Bond Act 1915. Protests Feb 18.

LOS ANGELES, Cal.—Until 11 a. m., Feb. 25, bids will be rec. by supervisors to imp. Baker Ave., bet. Flora St. and Compton and Jaboneria Rd., 13,350 lin. ft. involv. 7800 cu. yds. excav.; 3509 cu. yds. remov. old macad; 56,313 sq. yds. shaping roadway; 35,716 sq. yds. pavement, 6-in. to 8-in.; 34,107 sq. yds. sub base; one conc. box culvert. Cash job No. 212.

EUREKA, Humboldt Co., Cal. — Council, A. Walter Kildale, clerk, declares inten. to imp. Union St., bet. Cedar and Russ Sts., includ. alley and street intersections, involv. grading and covering with 7-in. of gravel; const. wooden culverts, gutters, curbs and cross walks; cem. conc. pipe storm sewer; manholes and vit. lateral drainage pipes. 1911 Act. Protests Feb. 19. Harry H. Hannah, city eng.

SAN DIEGO, Cal.—Council declares inten. to imp. 22nd St. from A St. to Imperial Ave., involv. 212,811.28 sq. ft. paving with 1½-in. asph. conc. on 2½-in. bitum. base; 359.9 lin. ft. cem. conc. curb; 8 4-in. cem. conc. sewer laterals; 4 6-in. cem. conc. sewer laterals; 300 sq. ft. of 1½-in. asph. conc. surfacing of gutters; 1911 act; protests Feb. 25.

Inten. declared to imp. Quince St., between 1st and 3rd, involv. 27,277.84 sq. ft. paving with 1½-in. asph. conc. on 2½-in. bitum. base; 575 sq. ft. surfacing of gutters with 1½-in. asph. conc.; 22.1 lin. ft. cem. conc. curb; 15 ft. of 12-in. 16-gauge corru. iron pipe; 1 curb inlet; 1911 act; protest Feb. 25. F. A. Rhodes, city eng.

SAN FRANCISCO—Fay Improvement Co., Phelan Bldg., at $18,266.44 awarded cont. by Bd. Pub. Wks to imp Rhode Island St., bet. Mariposa and 18th Sts., involv. 40,000 sq. ft. conc. pave, $.308 sq. ft.; 14,052 sq. ft. asph. conc. pave, $.29 sq. ft.; 1600 lin. ft. conc. curb at $.98 lin. ft.; 264 lin. ft. granite curb, $.74 lin. ft; 9 br. catchbasins, $12 each. Other bids were: Municipal Const. Co., $19,586.80; Raisch Imp. Co., $18,941.82; City Const. Co., $20,525.86; C. E. Eaton, $19,247.60.

SAN JOSE, Santa Clara Co., Cal.—Raymond H. Crummey, 121 Pearl St., Oakland, awarded contract by council to imp. following sts.:

4th St., bet. Jackson and Taylor Sts. involv. grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curb and gutter.

5th St., bet. Keyes and Virginia Sts., involving grade and pave with 2-in. Warrenite Bit. surface on 3½-in. bitulithic cem. conc. base; conc. curbs and gutters; cem. walks; 8-in. vit. pipe drains; 1 cem. conc. inlet.

6th St., bet. Jackson and Taylor Sts., involv. grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous comp. conc. base; hyd. cem. conc. sidewalks, curbs and gutters.

LOS ANGELES, Cal.—G. A. Constantine, 911 Haas Bldg., awarded contract by Bd. Pub. Works at $28,765 to imp. Sunset Dr., bet. Myra Ave. and Sunset Blvd., involv. grading at $3375 (lump sum); 79,485 sq. ft. conc. paving 24.5c ft.; 2760 sq. ft. bitum. base paving 15c ft.; 2066 ft. curb 65c ft.; 8730 sq. ft. walk 26.5 ft; 56 sq. ft. gutter 35c ft; storm drain, $2350.

MARYSVILLE, Yuba Co., Cal.—See "Railroads," this issue. Western Pacific R.R. improvements.

TRACY, San Joaquin Co., Cal.—Until Feb. 21, 8:30 p. m., bids will be rec. by Geo. L. Frerichs, city clerk, to imp. portion of W-4th St., involv. grade and pave with 3½-in. asph. conc. with 1½-in. Topeka surface. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Plans on file in office of clerk.

TAFT, Kern Co., Cal.—O. R. Boyd has been named city engineer succeeding Edw. M. Smith of Los Angeles, resigned.

POMONA, Cal.—Council declares intention to imp. Garey Ave., bet. Willow St. and Lordsburg Rd.; grade and pave with 5-in. cem. conc.; const. curbs, corr iron culvert, conc. catch basin; 1911 act.

HANFORD, Kings Co., Cal. — Bids will be asked shortly by supervisors to pave with cem. conc. or asph. conc. in vicinity of Yoakum curve, 3-mi. west of Hanford; est. cost $10,000. Roy May, county surveyor.

SAN FRANCISCO, Cal.—Board of Supervisors has adopted ordinance authorizing construction of sewer and appurtenances in Bery St., from 2nd St. to Embarcadero. Bids will be asked shortly by Board of Public Works.

OCEANSIDE, Cal. — Fenton & Co., P. O. Box 907, San Diego awarded contract by city trustees at $58,000 to pave 2 mi. of Pacific Ave. on the Ocean Front and for walks and curbs on Tremont St.

SAN MATEO COUNTY, Calif. — Until March 3, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to grade and surface with crushed gravel or broken stone, 6.4-mi. of highway in San Matea county, bet. Half Moon Bay Road and Kings Mountain Road. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

SAN DIEGO, Cal.—City council proposes for 1924 a street improvement program totaling $4,000,000.

GLENDALE, Cal.—E. L. Fleming, 324 W Dryden, Glendale, submitted low bid to council to imp. Palmer Ave., Central Ave. and San Fernando Rd., involving 40,725 sq. ft. grading .075 ft., 1163 ft. class B curb 50c ft., 5626 sq. ft. walk 17c ft., 29,670 sk ft. 3-in. oil macad. 11c ft., water pipe complete, $1800.

PHOENIX, Ariz.—$285,948 has been appropriated for forest highways in Arizona during 1924, according to announcement by E. S. Wheeler, dist. eng. bureau of public roads.

LONG BEACH, Cal—Council declares inten. to imp.:

Alley e of Termino Ave., bet. 7th St. and first alley n, grade; pave with 6lin. conc. 1911 act.

Alley e of Ximeno Ave., bet. Broadway and Vista St., grade; pave with 6-in. conc; 1911 act.

Alley e of Roswell Ave., bet. Broadway and Vista St.; grade; pave with 6-in. conc; 1911 act.

SANTA ANA, Cal.—City trustees declare inten. to imp. N Lacy St., bet. E 1st and E 4th Sts.; grade; pave with 6-in. conc; 1911 act and 1915 bond imp. act. W. G. Knox, city eng.

OLYMPIA, Wash.—Bids will be rec. by State Highway Commission, March 11, for the following projects (list subject to change):

Pacific Highway—Grade 4 mi. bet. Everett and Marysville, Snohomish county.

Olympic highway—Pave 5 mi. bet. Elma and McCleary in Grays Harbor county.

Olympic highway—Pave 10.6 mi. bet. western Thurston county line and Perry creek (Mud Bay), divided into two contracts.

Inland Empire highway—Grade 7 mi. bet Waitsburgh and Dayton in Walla Walla and Columbia counties.

Inland Empire highway—Surface with crushed rock 7.2 mi. bet. India and Pomona, on the new Yakima canyon route in Kittitas county.

Inland Empire highway—Grade 4 mi. bet. Walla Walla and Mill Creek, and 1mi. bet. Walla Walla and College Place, all in one contract.

Bids will be received on March 18 on the following:

Anacortes highway—Pave 3.5 mi. from Anacortes east, Skagit county.

Ocean Beach highway—Grade and surface with gravel or crushed rock 3 mi. bet. Wallville and Pluvius.

North Central highway—Grade and gravel 10 mi. bet Ellensburg and Vantage ferry.

Pacific highway—Grade 9 mi. on new High Line route bet. Redondo and Tacoma in King and Pierce counties.

BERKELEY, Alameda Co., Cal.—Council, E. M. Hann, clerk, declares inten. to imp. Wallace St., bet. Oregon and Russel Sts., involv. grading; const. conc. curbs and gutters; pave with conc. 1911 Act. Protests Feb. 26.

MANHATTAN BEACH, Cal. — City trustees order imp. of Rosecrans Ave., bet. Alma St. and Redondo-Inglewood Blvd., about 2 mi., and El Camino, bet. Center St. south and Hermosa city limits, about 1 mile.

SANTA ANA, Cal.—Until 7.30 p. m., Feb. 18, bids will be rec. by city trustees to const. storm drain (pavement) along east side S Main St., bet. Oxford St. and Edinger St., involv. 1944 sq. ft. 6-in. conc. with belt finish wearing surface; 1539.81 ft. conc. combination curb and gutter; 79.56 ft. removal of curb and reconstruction of standard curb; 445 sq. ft. removal of old sidewalk and const. of new conc. walk. W. G. Knox, city engr.

SACRAMENTO, Cal. — Bids were opened on February 4th by the California Highway Commission for highway improvements as follows:

Santa Clara County, across Cedar Creek, about 18 miles east of Gilroy (IV-S.Cl.-32-B), a bridge composed of three 42-ft. 4-inch reinforced concrete girder spans with concrete piers, abutments and wing walls, also, across North Fork Pacheco Creek, about 21 miles east of Gilroy (IV-S.Cl.-32-C), a bridge composed of three 50-foot and two 34-foot. reinforced concrete girder spans on concrete bents.

John Sompson & Co., L. A.	$42,234
Rocca & Calletti, San Rafael	42,663
T. H. & M. C. Polk, Chico	42,822
Lord & Bishop, Napa	43,170
McKay Engineering Co., L. A.	43,712
Proctor & Cleghorn, Santa Rosa	45,028
C. H. Gildersleeve, S. F.	47,000
Stewart & Bland, Fresno	47,607
E. K. Angle, Dos Palos	48,848
John Cogo & Son, El Verano	50,137
J. S. Shephard, Stockton	50,137
C. J. Nystedt, Stockton	50,876
de Waard & Cobham, San Diego	52,426
West Coast Constr, S. F.	58,790
Frederickson & Shannon, Fresno	59,339
Theo. M. Maino, San Luis Obispo	60,823
Engineer's estimate	46,260

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Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

378	O'Brien	Kiernan	20000
379	Chenoweth	Ower	7100
380	Segursen	Owner	1700
381	Commercial	Universal	12500
382	Denihan	Owner	1000
383	Martinelli	Owner	14000
384	Daley	Callaghan	11000
385	Sietz	S F Oven	2800
386	O'Brien	Kiernan	15000
387	Gugliemi	Owner	4000
388	Thompson	Meyer	8000
389	Cutler	Owner	9000
390	Christian	Owner	8000
391	Kearns	Owner	2700
392	Sullivan	Martin	16000
393	R. C. Archb.	Spencer	8000
394	Wilson	Buschke	8100
395	Camelia	Buono	1808
396	Rowland	Owner	3500
397	Forni	Owner	2000
398	Close	Little	13900
399	Schwalbe	Merritt	12000
400	Frish	Owner	24000
401	Novello	Owner	7000
402	Pereria	Owner	4000
403	Thomas	Owner	21000
404	Newsom	Halsen	3000
405	Mangels	Owner	8000
406	Smith	Mangels	5000
407	Wilson	Sharman	4000
408	Brogan	Owner	3000
409	Wright	Stempel	9000
410	Kohewes	Owner	10000
411	Klepstock	Spargo	20000
412	Redlick	Owner	30000
413	Wengard	Owner	7500
414	Pacific	Paulsen	——
415	Moore	Arras	3871
416	Wobbers	Mager	20000
417	Wobbers	McLeod	2796
418	Norris	Faulcks	1800
419	Schwarz	Owner	7000
420	Petersen	Owner	80000
421	R C Archb.	Leonard	32500
422	Reedy	Owner	9000
423	Backman	Owner	4000
424	Klopstock	Spargo	5000
425	Christiansen	Christiansen	8000
426	Dayton	Hardy	20000
427	Peters	Owner	6000
428	Zappettein	Britt	12500
429	Wienholz	Owner	5500
430	Blum	Owner	20000
431	Hermansen	Owner	7000
432	Moore	Arras	3500
433	Mohr	Arnott	3000
434	Liebes	Ostlund	7500
435	Arnott	Owner	3000
436	Nelson	Owner	20000
437	Nelson	Owner	4000
438	Nelson	Owner	4000
439	Foc T & T	Lindgren	100000
440	McDonough	Owner	24000
441	Anderson	Owner	8850
442	Southern	McGill	——
443	Fearce	Dorr	6400
444	Close	Little	13900
445	Marian	Arras	5300
446	Marian	Arras	5300
447	Mazzera	Debenedetti	8400
448	Herlihy	Harder	6000
449	Herlihy	Meyer	8000
450	Meyer	Meyer	3000
451	Gillogley	Owner	12000
452	Costello	Owner	6000
453	Strei	Grant	7600
454	Westgate	Papenhausen	7453
455	Grinnell	Austin	10000
456	Hemmen	Stahlberg	4000
457	Hemman	Stahlberg	4000
458	Pasqualetti	American	16000
459	Braun	Owner	12000
460	Nuttman	Owner	40000
461	Condon	Owner	1850
462	Massino	Furri	4000
463	Carrario	De Francais	3000
464	Solomon	Socklov	10000
465	Fiterre	Schultz	5000
466	Gutterson	Moore	22000
467	Gawthorne	Jones	6000
468	Smith	Owner	4000
469	Neal	Owner	100000
470	Anchor	Hamilton	2572
471	Southern Pacific	S F	295
472	Same	Holland	——
473	Crocker	Owner	4800
474	Fitzgerald	Stephenson	10000
475	Hill	Owner	6000
476	Kelly	Smith	2000
477	Crocker	Owner	3800
478	City Realty	Cox	8000
479	Demarais	Owner	6500
480	Crocker	Owner	5600
481	Erickson	Haglund	2500
482	Crocker	Owner	5600
483	Same	Same	16800
484	Same	Same	3800
485	Western	Western	3318
486	Allyne	Stockholm	2053
487	Lindeman	Lindeman	14000
488	Same	Same	14000
489	Same	Same	12000
490	Same	Same	12000
491	Sichel	Meyer	4900
492	Astrue	Montgomery	6200
493	S P Co.	American	——
494	Hindin	Abrahams	1370
495	Shapiro	Wiander	11375
496	Strei	Grant	7600
497	Horn	Central	4590
498	McDonald	Hamill	6000
499	Pekramen	Haugerud	4100
500	Keating	Owner	1100
501	Albarello	Owner	1000
502	Morton	Fontanella	1465
503	Mullen	Rees	1250
504	Thorup	Owner	10000
505	Janssen	Owner	7000
506	Ackerman	Conlon	15000
507	Meyers	Owner	3000
508	Cassau	Owner	12000
509	Kelly	Smith	2000
510	Janssen	Owner	8000
511	Olsen	Owner	4000
512	Eaton	Eaton	4000
513	Johnson	Owner	3900
514	Costello	Owner	6000
517	Horn	Cohn	37500
518	Spader	Gott	13560

MARKET

(378) E BARTLETT 36-10 N Twenty-second. One-story and basement concrete public market.
Owner—R. J. O'Brien, 608 Alexander Bldg., San Francisco.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor—Kiernan & O'Brien, Alexander Bldg., San Francisco. $20,000

FRAME FLATS

(379) S BUSH 27-6 E Steiner. Two-story and basement frame (2) flats.
Owner—F. Byron Chenoweth, 2261 Bush St., San Francisco.
Architect—None. $7100

ALTERATIONS

(380) N EDDY 50 E Scott. General alterations and repairs for 4 flats of 3-rooms and bath each.
Owner—Wm. R. Segurson, 628 Waller St., San Francisco.
Architect—None. $1700

ALTERATIONS

(381) NO. 721 FILBERT. General alterations and repairs for garage.
Owner—Commercial Centre Realty Co. 916 Kearny St., San Francisco.
Architect—M. J. Lyon, 916 Kearny St., San Francisco.
Contractor—Universal Constr. Co., 916 Kearny St., S. F. $12,500

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

ALTERATIONS
(382) NO. 2378 FOLSOM. Raise dwelling 3 ft. and move 7 ft.; construct concrete foundation; underpin and remodel for basement garage in dwelling.
Owner—D. Denihan, 454 Pennsylvania St., San Francisco.
Architect—None. $1000

FRAME FLATS
(383) S FRANCISCO 225 and 250 W Franklin. Two two-story and basement frame (2 in each building), flats.
Owner—J. Martinelli, 1351 Mason St., San Francisco.
Architect—None. $7000 each

FRAME FLATS
(384) E FRANKLIN 137 S Chestnut. Two-story and basement frame (2) flats.
Owner—T. Daley, 590 Greenwich St., San Francisco.
Architect—None.
Contractor—Jack Callaghan, 960 Clayton St., San Francisco. $11,000

BAKE OVENS
(385) NO. 4492 MISSION. Construct 2 brick bake ovens.
Owner—Fred Sietz, 4492 Mission St., San Francisco.
Architect—None.
Contractor—San Francisco Oven Co., 1263 Eddy St., San Francisco. $2300

ALTERATIONS
(386) NW MISSION AND TWENTY-second. Install passenger elevator re-arrange stairs and interior partitions and install fire escapes for offices and apartments.
Owner—R. J. O'Brien, 608 Alexander Bldg., San Francisco.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor—Kiernan & O'Brien, Alexander Bldg., S. F. $15,000

DWELLING
(387) S RUSSIA 50 W Paris. One-story and basement frame dwlg.
Owner—Gilden Cugliemi, 477 London St., San Francisco.
Architect—None. $4000

DWELLINGS
(388) S ANZA 81-6 & 106-6 W 41st Ave. Two 1-story and basement frame dwellings.
Owner—C. P. Thompson, 410 24th Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 303 First National Bank Bldg., S. F. $4000 each

DWELLING
(389) W EDNA 25 50 75 N Staples. 3 1-story and basement frame dwlgs.
Owner—W. T. Cutler, 540 O'Farrell St., San Francisco.
Architect—None. $3000 each

FLATS
(390) S FRANCISCO, 175 W Franklin 2-story and basement frame (2) flats.
Owner—Charles F. Christian, 2961 Buchanan St., San Francisco.
Architect—None. $8000

DWELLING
(391) E FORTY-SECOND AVE. 250 N Fulton. 1-story and basement frame dwelling.
Owner—James F. Kearns, 1273 Hayes St., San Francisco.
Plans by owner. $2700

PLUMBING SHOP
(392) S TEHAMA 200 W 4th. 1-story class C plumbing shop.
Owner—W. H. Sullivan, Inc., care architects.
Architect — O'Brien Bros., Inc., 315 Montgomery St., San Francisco.
Contractor—Wm. Martin, 180 Jessie St San Francisco. $16,000

ELECTRIC FIXTURES
(393) N FILBERT 137-6 E Powell E 137-6xN 160. All work for electric light fixtures for St. Peters & Paul's Church.
Owner—The Roman Catholic Archbishop of S. F., 1100 Franklin St., San Francisco
Architect—Chas. Fantoni, 550 Montgomery St., San Francisco.
Contractor—Spencer Electric Co., 320 12th St., Oakland.
Filed Jan. 30, '24. Dated Jan. 21, '24.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $8000

Bond, $4000. Surety, New Amsterdam Casualty Co. Limit, 56 days. Forfeit, $10. Plans and specifications filed.

CONCRETE BLDG.
(394) W FRANKLIN 100 N Jackson N 55-4½ W 78 S 35 E 35 S 30-4½ E 40. All work for 1-story Class B reinforced concrete building.
Owner—A. W. Wilson and I. J. Trainor trustees for Jos. Martin deceased, Grand Hotel, San Francisco.
Architect — C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.
Contractor — Buschke & Brown, 185 Stevenson St., San Francisco.
Filed Jan. 30, 1924. Dated Jan. 18, 1924.
Second of each month.....75%
Usual 35 days 25%
TOTAL COST, $8100.00

Bond, $4050; Sureties, R. A. Farrar & Sims & Gray Iron Works; Forfeit, none; Limit, 40 days after Jan. 28, 1924; Plans and Sppecifications filed.
NOTE—Permit reported Jan. 26, 1924, No. 327.

ALTERATIONS
(395) COM 350 S from SE Geary and 34th Ave. E 120 x S 25. All work for alterations and addition to 1-story and basement frame residence.
Owner—S. Camelia, 558 34th Ave., San Francisco.
Architect — Edw. A. Eames, 454 California St., San Francisco.
Contractor — G. Buono, 42 Curtis St., San Francisco.
Filed Jan. 30, 1924 Dated Jan. 17, 1924.
Weekly 80%
Usual 35 days 20%
TOTAL COST, $1808.

Bond, $950; Sureties, Ernest Accornero & D. Luizzi; Forfeit, none; Limit, 30 days after Dec. 19, 1923; Plans and Specifications filed.

DWELLING
(396) SE BRAZIL AND MADRID. One-story and basement frame dwelling.
Owner—Thos. J. Rowland, 311 Edinburgh St., San Francisco.
Architect—None. $3500

DWELLING
(397) E BANKS 125 S Jarboe. One-story and basement frame dwlg.
Owner—E. Forni, 432 Prentiss St., San Francisco
Architect—None. $2000

APARTMENTS
(398) W FIFTH AVE 125 S Irving. Two-story and basement frame (4) apartments.
Owner—Rose Close, 1692 Haight St., San Francisco.
Architect—None.
Contractor—John Little & Son, 1035 Lincoln Way, S. F. $13,900

ALTERATIONS
(399) SE FRANKLIN AND GREENwich. Alter apartments.
Owner—Sarah Schwalbe, 1191 Greenwich St., San Francisco.
Architect—None.
Contractor—Geo. M. Merritt Bldg. Co., 3014 Geary St., S. F. $12,000

APARTMENTS
(400) NE GROVE AND SHRADER. Three-story and basement frame (12) apartments.
Owner — Frish & Swanson, 4331 19th St., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco. $24,000

(401) S HARRINGTON 350 and 375 W Mission. Two one-story and basement frame dwellings.
Owner—Joseph Novello, 172 Bertita St. San Francisco.
Architect—None. $3500 each

DWELLING
(402) W NINETEENTH AVE 220-10 N Lawton. One-story and basement frame dwelling.
Owner—John A. Pereira, 1430 19th Ave. San Francisco.
Architect—None. $4000

FLATS
(403) W NINETEENTH AVE 45, 70 & 95 N California. Three two-story and basement frame flat buildings (2) flats.
Owner—J. C. Thomas, 5429 Geary St., San Francisco.
Architect—None. $7000 each

DWELLING
(404) S SAN JOSE AVE 200 W Duncan. One-story and basement frame dwelling.
Owner—W. A. Newsom, 631 San Jose Ave., San Francisco.
Architect—None.
Contractor—Halsen & Scoblom, 57 Fair Ave., San Francisco. $3000

RESIDENCE
(405) E SANTA CLARA 70 S San Anselmo. Two-story and basement frame residence.
Owner—H. C. and W. J. Mangels, 4792 Mission St., San Francisco.
Architect—B. C. Corbett, 1720 Pacific Ave., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., S. F. $8000

RESIDENCE
(406) S SANTA MONICA 90 W Santa Paula. Two-story and basement frame residence.
Owner—Mr. and Mrs. C. W. Smith, 1482 Sutter St., San Francisco.
Architect—L. J. Sharps, 526 Powell St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. $5000

DWELLING
(407) E TWENTY-FOURTH AVE 200 S Irving. One-story and basement frame dwelling.
Owner—W. Wilson, 42nd Ave. and Judah St., San Francisco.
Architect—None.
Contractor—T. L. Sharman & Son. $4000

DWELLING
(408) NW TIFFANY 707 N 29th St. One-story and basement frame dwelling.
Owner—Jas. S. Bregan, 3226 Mission St., San Francisco.
Architect—A. C. Rizzoli, 2827 Folsom St., San Francisco. $3000

APARTMENTS
(409) W GOUGH 87-6 S Bay. 2-story and basement frame (4) apartments.
Owner—J. W. Wright, 5331 Geary St., San Francisco.
Architect—None.
Contractor—R. J. Stempel, 5331 Geary St., San Francisco. $9000

APARTMENTS
(410) S LINCOLN WAY 82-6 E 8th Ave. 2-story and basement frame (4) apartments.
Owner—Kohewes & Staton, 1037 Lincoln Way, San Francisco.
Architect—None. $10,000

STORES
(411) NW MISSION & NINETEENTH Streets. 2-story reinforced concrete stores and offices.
Owner—Klopstock Bros., 3320 18th St., San Francisco.
Architect—Samuel Lightner Hyman & A. Appleton, 68 Post St., S. F.
Contractor — J. Spargo & Son, Russ Bldg., San Francisco. $20,000

STORAGE BLDG.
(412) S SEVENTEENTH 162-6 E Mission. 3-story brick furniture storage building.
Owner—Redlick-Newman Co., 17th and Mission Streets, San Francisco.
Architect—Mel I. Schwartz, 1202 Nevada Bank Bldg., San Francisco.
Not let yet. $30,000

DWELLINGS
(413) S WHITTIER 106-6 & 134-9 E Brunswick. Two 1-story and basement frame dwellings.
Owner—C. Wengard, 1286 34th Ave., San Francisco.
Architect—None. $3750 each

DRILLING
(414) E MARKET & BEALE NE 137-6 x S 138-2. Drilling of test hole and drilling of well.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor—A. Paulsen, 117 New Montgomery St., San Francisco.
Filed Jan. 31, 1924. Dated Jan. 21, 1924.
Completed and accepted.....75%
Usual 35 days 26%
TOTAL COST—$3 per lin. ft.

Bond, $2000; Sureties, National Surety Co.; Forfeit, none; Limit, 90 days; Plans and specifications filed.

BUILDING
(415) S CLARA 300 W 5th St. All work except finish hdw and white washing for 1-story class C bldg.
Owner—H. W. Moore and E. W. Costello, 1703 Dolores, S. F.
Architect—Dodge A. Reidy, 850 Pacific Bldg., San Francisco.
Contractor—Adam Arras Co., 185 Stevenson St., San Francisco.
Filed Jan. 31, 1924. Dated Jan. 31, 1924.
Footings poured .....$ 903
Concrete walls poured 1000
Completed and accepted 1000
Usual 35 days 968
TOTAL COST, $3871
Bond, Forfeit, none; Limit, 30 days; Plans and specifications filed.

SHOP
(416) NW JESSIE 22-6 SW MINT Ave NE 155 SE 45 SW 75 SE 24-6 SW 80 NW 69-6. All work except plumbing, heating, electric work and painting for 1-story class C reinforced concrete concrete shop.
Owner—Wobbers Inc., 724 Market St., San Francisco.
Architect—Albert Schroepfer, 68 Post St., San Francisco.
Contractor—Mager Bros., 1318 Valencia St., San Francisco.
Filed Jan. 31, 1924. Dated Jan. 30, 1924.
Steel up to 1st floor $2000
Concrete up to 1st floor..... 3000
All concrete walls in 3000
Roof on 2000
Completed and accepted 5000
Usual 35 days 5000
TOTAL COST, $20,000
Bond, $10,000; Sureties, Anton Bauman and P. F. Hanson; Forfeit, None; Limit 75 days; Plans and specifications filed.

(417) PLUMBING & HEATING ON above.
Contractor—J. J. McLeod, 1246 G. G. Ave., San Francisco.
Filed Jan. 31, 1924. Dated Jan. 30, 1924.
Roughed in .....$ 600
Steam work roughed in 400
Completed and accepted 1096
Usual 35 days 700
TOTAL COST, $2796
Bond, $1400; Sureties, C. E. Gordon and Wm. McIntosh; Forfeit, none; Limit, 75 days; Plans and specifications filed.

RESIDENCE
(418) NO. 625 ARGUELLO BLVD. One story and basement frame residence.
Owner — Chas. H. Norris, Alcatraz Island, Calif.
Architect—None.
Contractor—J. W. Faulcks & Co., 535 Oak St., S. F. $1800

FRAME FLATS
(419) S BAY 160 W Van Ness Ave. Two-story and basement frame (2) flats.
Owner—Chas. Schwarz, 185 Stevenson St., San Francisco.
Plans by Owner. $7000

APARTMENTS
(420) S CALIFORNIA 154-3 W Jones. Six-story and basement Class C (47) apartments.
Owner—C. Petersen, 390 6th St, S. F.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $80,000

REPAIRS
(421) NE CONNECTICUT AND 19TH. General repairs and additions to church.
Owner—Roman Catholic Archbishop of S. F., 1100 Franklin St., S. F.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—John J. Leonard, 1158 Dolores St. S. F. $32,500

DWELLINGS
(422) NW FARRAGUT & ELLINGTON and N Farragut 25 and 50 W Ellington. Three two-story and basement frame dwellings
Owner—Wm. M. Reedy, 267 Ellsworth St., San Francisco.
Architect—None. $3000 each

DWELLING
(423) E FORESTER 25 N Staples. One-story and basement frame dwelling.
Owner—Backman Bros., 124 Forester St., San Francisco.
Architect—None. $4000

STORE
(424) NE MISSION & NINETEENTH. One-story frame store.
Owner—Klopstock Bros., 3328 18th St., San Francisco.
Architect—None.
Contractor—John Spargo, 235 Montgomery St., San Francisco. $5000

FRAME FLATS
(425) E SCOTT 87-6 S Page. Two-story and basement frame (4) flats.
Owner — H. C. Christiansen, 518 25th Ave., San Francisco.
Architect—None.
Contractor — Christiansen Bros., 518 25th Ave., S. F. $8000

FAME FLATS
(426) E TWENTY-SEVENTH AVE 50 and 75 N California. Two-story and basement frame flats (2 in each building).
Owner—Lillie Dayton, Premises.
Architect—A. M. Hardy, 518 25th St, San Francisco.
Contractor—A. M. Hardy, 518 24th Ave., San Francisco. $10,000 each

DWELLINGS
(427) W THIRTY-FIFTH AVE 33-6 and 60 N Cabrillo. Two one-story and basement frame dwellings.
Owner—J. M. Peters, 1015 Bolboa St., San Francisco.
Architect—None. $3000 each

OFFICES
(428) SE WASHINGTON AND MONTGOMERY. Three-story and basement concrete offices
Owner — Zappettein-Perrasso Co., 1 Columbus Ave., San Francisco.
Architect—None.
Contractor—O. W. Britt, 1257 Arguello Blvd., San Francisco. $12,500

DWELLING
(429) S WAWONA 283-6 N Fourteenth Ave. One-story and basement frame dwelling.
Owner—N. C. Wienholz, 3199 Mission St., San Francisco.
Architect—None. $5500

APARTMENTS
(430) W VAN NESS AVE 100 N Filbert. Three-story and basement frame (12) apartments.
Owner—Leo Blum, % Architect.
Architect—H. C Baumann and Edward Jose, 251 Kearny St., S. F. $20,000

FRAME FLATS
(431) E VICKSBURG 85 N Jersey. Two-story and basement frame (2) flats.
Owner—C. Hermanson, 323 Clipper St., San Francisco.
Architect—None. $7000

SHOP
(432) S CLARA 300 W Fifth. One-story reinforced concrete shop.
Owner—H. W. Moore and E. W. Costello, 915 Folsom St., San Francisco
Architect—Dodge A. Riedy, 850 Pacific Bldg., San Francisco.
Contractor—Adam Arras Co., 185 Stevenson St., San Francisco. $3500

DWELLING
(433) E EDNA 125 N Judson. One-story and basement frame dwlg.
Owner—H. Mohr, 233 Pacific Bldg., San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $3000

ALTERATIONS
(434) NE GRANT AVE. AND UNION Square. Cut through north wall of store and install steel beams
Owner—H. Liebes & Co., Post and Grant Ave., S. F.
Consulting Engr.—E. O. Burgess.
Contractor—Ostlund & Johnson, 1901 Bryant St., San Francisco. $7500

DWELLING
(435) E LEE AVE. 200 S Grafton. 1-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco.
Architect—None. $3000

DWELLINGS
(436) W FAXON 196, 244, 436, 472 and 509 N Kenwood Way. Five 1-story and basement frame dwellings.
Owner — Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000 each.

DWELLING
(437) N NORTHWOOD 100 NE Piazzaro. One-story and basement frame dwelling.
Owner — Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000

DWELLING
(438) N NORTHWOOD DR. 96 E Miramar. One-story and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000

OFFICE BLDG. FOUNDATION
(439) E NEW MONTGOMERY bet. Minna and Natoma Sts. Foundations only for a 26-story and basement Class A office bldg.
Owner—Pacific Telephone & Telegraph Co., 333 Grant Ave, San Francisco.
Architect—J. R. Miller, T. L. Pflueger, A. A. Cantin, Lick Bldg, San Francisco.
Contractor—Lindgren & Swinerton, Inc. 622 Standard Oil Bldg., San Francisco $100,000

FLATS
(440) E SIXTH AVE. 84 109 134 N Fulton. Three 2-story and basement frame flats, (2 flats in each bldg).
Owner—M. McDonough, 22 Fairmount St., San Francisco.
Architect—None. $8000 each.

FLATS
(441) W TWENTY-EIGHTH AVE. 275 N Clement. Two-story and basement frame (2) flats.
Owner—A. V. Anderson, 623 21st Ave., San Francisco.
Architect—None. $8850

CLASS C BLDG.
N. JESSIE 22-6 W Mint Ave. One-story Class C reinforced concrete printing plont.
Owner — Wobber's, (Inc.), 774 Morket St., San Francisco
Architect—Albert Schreopfer, 68 Post St., San Francisco.
Contractor—Mager Bros., 2442 Bryant St., San Francisco. $25000
NOTE—Recorded contract reported Feb. 1, 1924.

GRADING, PAVING
(442) W PEALE BET. FOLSOM AND Mission. All work for grading and paving.
Owner—Southern Pacific Co., S. P. Bldg. San Francisco.
Architect—None.
Contractor—McGill & O'Connor.
Filed Feb. 1, 1924. Dated Jan. 31, 1924.
Last day each month.....75%
Usual 35 rays 25%
TOTAL COST—Grading, $2.15 per cubic yd; new asphaltic and concrete pavement, 28 cents; concrete driveway, 25 cents sq. ft.; catch basin; 115 manholes; 125 each curbing, 35 cents per lineal ft.; retaining wall, $16.00 per cubic yd.
Bond, $7958.50; Sureties, Standard Accident Ins. Co.; Forfeit, none; Limit, 60 days; Plans and Specifications filed.

RESIDENCE
(443) LOT 4 BLOCK 2888A Laguna Honda Park on S Woodside Ave. 175 E Laguna Honda Blvd. All work for 2-story colonial residence.
Owner—Clarence W. Pearce, 823 Balboa, San Francisco.
Architect—Pearce Brothers Co., Mills Bldg., San Francisco.
Contractor—H. D. Dorr, 366 8th Ave., San Francisco.
Filed Feb. 1, 1924. Dated Jan. 28, 1924.
Cash paid $1400
Roof on 1250
Plaster on 1250
Completed and accepted..... 1250
Usual 35 days 1250
TOTAL COST, $6400
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and Specifications filed.

APARTMENTS
(444) W FIFTH AVE. 125 S Irving S 25xW160. All work for 2-story and basement frame bldg. (4 apartments).
Owner—Rose Close, 1692 Haight St., San Francisco.
Architect—None.

Contractor — John Little & Son, 1035 Lincoln Way, San Francisco.
Filed Feb. 1, 1924. Dated Feb. 1, 1924.
Frame up $3475
Brown coated 3475
Completed and accepted..... 3475
Usual 35 days 3475
TOTAL COST, $13,900
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and Specifications filed.

CONCRETE WORK
(445) S MARKET 117-6 E Eighth 37-6x125. All work for concrete work, 3-story and mezzanine reinforced concrete and steel frame store and office building.
Owner—Marian Realty Co., 1171 Market St., San Francisco.
Architect—S. I. Coleman, Rousseau & Rousseau, 1151 Market St., San Francisco.
Contractor—Adam Arras Co., 185 Stevenson St., San Francisco.
Filed Feb. 1, 1924. Dated Jan. 29, 1924.
Poured to 2nd floor.....$1590
Fire walls poured 1855
Completed and accepted 530
Usual 35 days 1365
TOTAL COST, $5300
Bond, $2650; Sureties, Fidelity & Deposit Co.; Forfeit, none; Limit, 2 days after notified; Plans and Specifications filed.

CONCRETE WORK
(446) S MARKET 80 E Eighth 37-6x125. All work for concrete work, 3-story and mezzanine reinforced concrete and steel frame store and office building.
Owner—Marian Realty Co., 1171 Market St., San Francisco.
Architect—S. I. Coleman, Rousseau & Rousseau, 1151 Market St., San Francisco
Contractor—Adam Arras Co., 185 Stevenson St., San Francisco.
Filed Feb. 1, 1924. Dated Jan. 29, 1924.
Poured to 2nd floor.....$1590
Fire walls poured 1855
Completed and accepted 530
Usual 35 days 1365
TOTAL COST, $5300
Bond, $2650; Sureties, Fidelity & Deposit Co.; Forfeit, none; Limit, 2 days after notified; Plans and Specifications filed.

FRAME BLDGS.
(447) N THERESA 250 W Mission. All work for two 1-story frame bldgs. except grading.
Owner—G. Mazzera, 4261 Mission St., San Francisco.
Architect—None.
Contractor—A. Debenedetti, 22 Cotter St., San Francisco.
Filed Feb. 1, 1924. Dated Jan. 28, 1924.
Roof on $2100
Brown coated 2100
Completed and accepted 2100
Usual 35 days 2100
TOTAL COST, $8400
Bond, Sureties Forfeit, none; Limit, May 10, 1924; Plans and Specifications filed.

FRAME BLDG.
(448) E GOUGH 50 S Francisco E 112-6x825. All work for 1-story and basement frame bldg.
Owner—John F. and Rita Herlihy, 1325 Broadway, San Francisco.
Architect—None.
Contractor—John Harder, 870 39th Ave San Francisco.
Filed Feb. 1, 1924. Dated Jan. 4, 1924.
Frame up $1500
Brown coated 1500
Completed and accepted 1500
Usual 35 days 1500
TOTAL COST, $6000
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and Specifications filed.

DWELLINGS
(449) E FORTY-FOURTH AVE 170 & 195 S Balboa. Two one-story and basement frame dwellings.
Owner—A. P. Herlihy, 603 First Nat'l. Bank Bldg., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 1st Nat'l. Bank Bldg., S. F. $1000 each

DWELLING
(450) W LEE AVE 150 N Grafton. One-story and basement frame dwelling
Owner—Meyer Bros., 603 First Nat'l. Bank Bldg., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 1st Nat'l. Bank Bldg., S. F. $3000

DWELLING
(451) NE SAN ANSELMO 217-4 SE Santa Clara. Two-story and basement frame dwelling.
Owner—R. W. Gillogley, 741 San Jose Ave. San Francisco.
Architect—None. $12,000

FRAME FLATS
(452) E TWENTY-FIFTH AVE 135 N Cabrillo Two-story and basement frame (2) flats.
Owner—William Costello, 758 29th Ave., San Francisco.
Plans by Owner. $6000

FRAME FLATS
(453) E SIXTH AVE 200 S Irving S 25xE 120. All work for two-story frame flats.
Owner—Edwin H. and Jewel L. Strei, 24-B Parnassus Ave., S. F.
Architect—None.
Contractor—W. E. Grant.
Filed Feb. 2, '24. Dated Jan. 28, '24.
Progressive payments as work progresses .....
When finished .....Balance
TOTAL COST, $7600
Bond, none. Limit, 95 days. Forfeit, none. Plans and specifications filed.

GARAGE
(454) LOT 18 AND PTN LOTS 17 AND 19 Blk 7, St. Francis Wood Extn. No. 1. All work for two-story and basement garage.
Owner—Westgate Park Co., 278 Post St., San Francisco.
Architect—Roland I. Stringham, 260 California St., San Francisco.
Contractor—Henry F. Rapenhausen, 532 Third St., San Francisco.
Filed Feb. 2, '23. Dated Jan 31, '24.
Frame up $3726.88
Brown coated 3726.88
Completed and accepted.... 3726.87
Usual 35 days..... 3726.87
TOTAL COST, $7453.75
Bond, $7453.75. Sureties, Jas. Cantley and John Clervi. Limit, 100 days. Forfeit, $5. Plans and specifications filed.

MEZZ. FLOOR
(455) SW BRANNAN AND FIFTH streets. Construct mezzanine floor in warehouse.
Owner—Grinnell Co. of the Pacific 453 Mission St., San Francisco.
Designers and Contractors—The Austin Co. of Calif., 708 Santa Fe Bldg. San Francisco. $10,000

DWELLING
(456) W CAYUGA 300 N Onondago. 1-story and basement frame dwelling
Owner—Albert A. Hemmen, 140 Ellis St., San Francisco.
Architect — Gustave Stahlberg, 544 Market St., San Francisco. $4000

DWELLING
(457) W CAYUGA 200 N Onondago 1-story and basement frame dwelling
Owner—Albert A. Hemmen, 544 Market St., San Francisco.
Architect — Gustave Stahlberg, 544 Market St., San Francisco. $4000

GARAGE
(458) S CLEMENT 60 E 27th Ave. 2-story reinforced concrete (public) garage.
Owner—Joseph Pasqualetti 785 Market St., San Francisco.
Architect—None.
Contractor—American Concrete Co. 785 Market St., S. F. $18,000

APARTMENTS
(459) NW DIAMOND & ELIZABETH Sts. 2-story and basement frame (4) apartments.
Owner—Fred Braun, 508 Valencia St., San Francisco.
Architect—None. $12,000

APARTMENTS
(460) SW FOURTEENTH AND JULIAN Ave. 2-story and basement frame (20) apartments.
Owner—J. H. Nuttman, et al., 261 Valencia St., San Francisco.
Architect—G. A. Berger, 261 Valencia St., San Francisco. $40,000

DWELLING
(461) N HILL BET. CHURCH AND Sanchez. 1-story & basement frame dwelling.
Owner—James H. Collins Condon, 2260 Alameda St., Alameda.
Plans by owner. $1850

DWELLING
(462) W LOUISBURG 126 S Geneva. 1-story and basement frame dwlg.
Owner—Broscio Massino, 185 Howth St San Francisco.
Designer & Contractor—Caesar Furri, 113 Bilghton St., S. F. $4000

DWELLING
(463) W LUNDY LANE 200 N Esmeralda. 1-story and basement frame dwelling.
Owner—A. Carrario, Mission St., S. F. Plans by owner.
Contractor—N De Francais, 290 30th St., San Francisco. $3000

APARTMENTS
(464) SW POWELL & WASHINGTON 3-story brick (extension) for (4) apartments.
Owner—M. Solomon, 41 Sutter St., San Francisco.
Architect—None.
Superintendent—J. Sockolov 2275 Jackson St., San Francisco. $10,000

ADDITION
(465) 3032 STEINER STREET. Raise and make additions for flats.
Owner—Mrs. H. Fiterre, 3042 Steiner St., San Francisco.
Architect—None.
Contractor—Walter E. Schuetz 180 Jessie St., San Francisco. $5000

RESIDENCE
(466) E SAN BUENAVENTURA 90 N San Anselmo Way. 2-story and basement frame residence.
Owner—St. Francis Home Building Co., 278 Post St., San Francisco.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.
Contractor — Moore and Madsen, 77 O'Farrell St., S. F. $22,000

FLATS
(467) E TWENTY-FIFTH AVE. 29 N Cabrillo. 2-story and basement frame (2) flats.
Owner—Dr. F. A. Gawthorne, 651 18th Ave., San Francisco.
Architect—None.
Contractor — B. S. Jones, 707 Phelan Bldg., San Francisco. $6000

DWELLING
(468) W THIRTY-FOURTH AVE. 50 S Lincoln Way. 1-story and basement frame dwelling.
Owner—Byrd O. Smith, 247 Montgomery St., San Francisco.
Architect—None. $4000

APARTMENTS
(469) S O'FARRELL 132-6 E Leavenworth. 6-story and basement reinforced concrete (41) apartments.
Owner—L. J. Neal, 364 Page St., San Francisco.
Architect—E. H. Denke, 1217 Hyde St., San Francisco. $100,000

ALTERATIONS
(470) NO. 11 AND 13 STEUART ST. All work for alterations and additions to building.
Owner — The Anchor Chain, Inc., 402 Humboldt Bank Bldg., S. F.
Architect—None.
Contractor—M. F. Hamilton.
Filed Feb. 4, '24. Dated Feb. 4, '24.
On 1st and 15th of each month 80%
Usual 35 days..... 20%
TOTAL COST, $2572
Bond, $1286. Surety, Union Indemnity Co. Limit, as required. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported Jan. 10, 1924, No. 103.

FILLING STREET
(471) NAPOLEON ST. All work for filling, 590 cubic yards of rock and sand.
Owner — Southern Pacific Co., S. P. Bldg., San Francisco.
Architect—None.
Contractor — San Francisco Motor Drayage Co., 180 Jessie St., S. F.
Filed Feb. 4, '24. Dated Feb. 8, '24.
On completion 75%
Usual 35 days..... 25%
TOTAL COST, $295
Bond, limit, forfeit, plans and specifications, none.

STEAM SHOVEL ETC.
(472) TOWNSEND & FOURTH STS. Furnish steam shovel, operator fire man, etc., and lubricating oil greases etc., to load dirt and other material.
Owner — Southern Pacific Co., S. P. Bldg., San Francisco.

Architect—None.
Contractor—J. P. Holland, 540 Brannan St., San Francisco.
Filed Feb. 4, '24. Dated Feb. 1, '24.
On completion 75%
Usual 35 days 25%
TOTAL COST, $61.85 per day
Bond, limit, forfeit, plans and specifications, none.

DWELLING
(473) S ATHENS 84.23 E Cordova. One-story and basement frame dwelling.
Owner—Crocker Estate, 525 Crocker Bldg, San Francisco.
Architect—None. $4800

FRAME FLATS
(474) E CLAYTON 100 N Grove. Two-story and basement frame (3) flats
Owner—Thomas G. Fitzgerald, 2206 Grove St., San Francisco.
Architect—Walter King, 312 Call Bldg., San Francisco.
Contractor—Jesse H. Stephenson, 2626 26th Ave., S. F. $10,000

DWELLINGS
(475) S CONCORD 30 and 60 E Mission. Two one-story and basement frame dwellings.
Owner—Robert Hill, 193 Precita Ave., San Francisco.
Plans by Owner. $3000 each

DWELLING
(476) NO. 177 CRESCENT AVE. One-story and basement frame dwlg.
Owner—Mr. and Mrs. Kelly, Premises
Architect—Walter C. Clifford.
Contractor—Jos. Smith, 177 Crescent Ave., San Francisco. $ 2000

DWELLING
(477) S GENEVA 103 E Naples. One-story and basement frame dwlg.
Owner—Crocker Estate, 525 Crocker Bldg, San Francisco.
Architect—None. $3800

DWELLINGS
(478) N PARNASSUS AVE 57-6 and 82-6 E Fourth Ave. Two two-story and basement frame dwellings.
Owner — City Realty Co., 461 Kearny St., San Francisco.
Architect—None.
Contractor — Cox Bros., 1309 9th Ave., San Francisco. $4000 each

DWELLING
(479) W THIRTY-EIGHTH AVE 165 N Geary. Two-story and basement frame dwelling.
Owner — B. W. Demarais & Sons, 732 Page St., San Francisco.
Architect—None. $6500

DWELLINGS
(480) E TUNNEL AVE 324, 292 & 356 N Bay Shore. Three one-story and basement frame dwellings.
Owner—Crocker Estate, 525 Crocker Bldg, San Francisco.
Architect—None. $2800 each

DWELLING
(481) N UNDERWOOD 125 E Keith. One-story and basement frame dwelling.
Owner—Mrs. Ingelberg Erickson, Prem.
Architect — O Hagland, 1471 Underwood Ave., San Francisco.
Contractor—O. Hagland, 1471 Underwood Ave., San Francisco. $2500

DWELLINGS
(482) E WHEELER 68 and 388 N Bay Shore Ave. Two one-story and basement frame dwellings.
Owner—Crocker Estate, 525 Crocker Bldg, San Francisco.
Architect—None. $2800 each

DWELLINGS
(483) W WHEELER 100, 132, 164, 196 228 and 260 N Bay Shore Ave. Six one-story and basement frame dwellings.
Owner—Crocker Estate, 525 Crocker Bldg, San Francisco.
Architect—None. $2800 each

DWELLING
(484) E WINDING WAY 19 N Naylor. One-story and basement frame dwelling.
Owner—Crocker Estate, 525 Crocker Bldg, San Francisco.
Architect—None. $3800

STRUCTURAL STEEL
(485) NE SIXTH AND STEVENSON. All work for structural steel for mezzanine floor on building.
Owner—Western States Life Insurance Co.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—Western Iron Works, 141 Beale St., San Francisco
Filed Feb. 5, 1924. Dated Jan. 7, 1924.
Tenth of each month.....75%
Usual 35 days 25%
TOTAL COST, $3,318.
Bond, $1659; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, Feb. 9, 1924; Plans and Specifications filed.

(486) W MISSION AND ECKER AND distant 275 SW First SW 74 NW 112-6 SW 47 NW 75 NE 94 SE 187-6. All work for store fronts in building.
Owner—Lucy H. and Edith W. Allyne.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor — Chas. Stockholm & Sons, Monadnock Bldg., San Francisco.
Filed Feb. 5, 1924 Dated Jan. 7, 1924.
Sixth of each month.....75%
Usual 35 days 25%
TOTAL COST, $2,053.
Bond, $1026; Sureties, New Amsterdam Casualty Co.; Forfeit, none; Limit 21 days; Plans and Specifications filed.

APARTMENTS
(487) W NINTH AVE. 200 S Balboa S 25xW120. All work for two-story and basement frame (4) apartments.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 619 27th Ave., San Francisco.
Filed Feb. 5, 1924. Dated Dec. 31, 1923.
Execution of agreement.....$1750
Roof on 3000
Brown coated 3000
Completed and accepted 3000
Usual 35 days 3650
TOTAL COST, $14,000
Bond, Sureties, Forfeit, none; Limit 90 days; Plans and Specifications filed.

APARTMENTS
(488) W NINTH AVE. 225 S Balboa S 25xW160. All work for 2-story and basement frame bldg. (4) apartments.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 619 27th Ave., San Francisco.
Filed Feb. 5, 1924. Dated Dec. 31, 1923.
Execution of agreement.....$1750
Roof on 3000
Brown coated 3000
Completed and accepted 3000
Usual 35 days 3650
TOTAL COST, $14000
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and Specifications filed.

FRAME BLDG.
(489) E TWENTY-SIXTH AVE 225 S Clement S 25 E 117-2¼. Al work for 2-story and basement frame building.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 619 27th Ave., San Francisco.
Filed Feb. 5, 1924. Dated Jan. 16, 1924.
Enclosed $3000
Rough plastered 3000
Completed and accepted 3000
Usual 35 days 3000
TOTAL COST, $12,000
Bond, Sureties, none; Forfeit, $3 00.; Limit, 90 days; Plans and Specifications filed.

FRAME BLDG.
(490) E TWENTY-SEVENTH AVE. 250 S Clement S 25 E 114-4¾. All work for 2-story and basement frame building.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 619 27th Ave., San Francisco.
Filed Feb. 5, 1924. Dated Jan. 16, 1924.
Enclosed $3000
Rough plastered 3000
Completed and accepted 3000
Usual 35 days 3000
TOTAL COST, $12000
Bond, Sureties, none; Forfeit, $3.00.; Limit, 90 days; Plans and Specifications filed.

DWELLING
(491) W FORTY-FIRST AVE. 100 S Geary S 25 W 120. All work for 1-story and basement frame dwelling.
Owner—Herbert H. Sichel, Flood Bldg., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5324 Geary St San Francisco.
Filed Feb. 5, 1924. Dated Jan. 31, 1924.
Roof sheathing on.....$1225
Brown coated 1225
Completed and accepted 1225
Usual 35 days 1225
TOTAL COST, $4900
Bond, $2450.; Sureties, Anna Meyer; Forfeit, none; Limit, 90 days; Plans and Specifications filed.

BUNGALOW
(492) LOT 15 BLOCK 32 Forest Hill Extension. All work for 5-room bungalow.
Owner—Chas. J. Astrue, 410 Hugo, San Francisco.
Architect—None.
Contractor — E. J. Montgomery, 1320 Broadway, San Francisco.
Filed Feb. 5, 1924. Dated Feb. 4, 1924.
Frame up $1550
Brown coated 1550
Completed and accepted 1550
Usual 35 days 1550
TOTAL COST, $6200.
Bond, $4650 ; Sureties, Carl Hassell and Chas. Schlesinger; Forfeit, none; Limit, 130 days; Plans and Specifications filed.

MARBLE WORK
(493) THIRD STREET PASSENGER Station. All work for marble work.
Owner—Southern Pacific Co., S. P. Bldg San Francisco.
Architect—None.
Contractor—American Marble and Mosaic Co., 25 Columbia Square, San Francisco.
Filed Feb. 5, 1924. Dated Feb. 1, 1924.
On completion 75%
Usual 35 days 25%
TOTAL COST—Tavernelle marble, ⅞ in. $3.10 per sq. ft.; Columbia marble tile $1.35 each; material for setting tile and tavernelle marble, $12.00.
Bond, Sureties, Forfeit, Limit, none; Plans and Specifications not filed.

ALTERTIONS
(494) SW SILLIMAN AND GIRARD, No. 100 Girard. All work for alterations to building.
Owner—Mrs. A. Hindin, 100 Girard St., San Francisco.
Architect—None.
Contractor—A. Abrahams, 134 Hale St., San Francisco.
Filed Feb. 5, 1924. Dated Jan. 30, 1924.
Rough work completed.....$340
Brown coated 340
Completed and accepted 340
Usual 35 days 350
TOTAL COST, $1370
Bond, Sureties, Forfeit, none; Limit, 60 days; Plans and Specifications filed.

FLATS
(495) NW NINETEENTH AND LAbage. All work except painting, papering and plumbing for 2-story frame flat building.
Owner—H. Shapiro, 656 18th Ave., San Francisco.
Architect—None.
Contractor—E. Wiander, 41 Coleridge St., San Francisco.
Filed Feb. 5, 1924. Dated Jan.—, 1924.
Frame up $2843.75
Plumbing roughed in and brown coated 2843.75
Completed and accepted 2843.75
Usual 35 days 2843.75
TOTAL COST, $11375.
Bond, $6000.; Sureties, John Devine; Forfeit, $10.; Limit, 95 days; Plans and Specifications filed.

FLATS
(496) E SIXTH AVE 200 S Irving S 25xE 120. All work for two-story frame building, (flats).
Owner—Edwin H. and Jewel L. Strei, 24B Parnassus, San Francisco.
Architect—None.
Contractor—W. E. Grant, 1032 Irving, San Francisco.
Filed Feb. 5, 1924. Dated Feb. 4, 1924.
Progress payments as work progresses.
Balance on completion.
TOTAL COST, $7600.
Bond, Sureties, Forfeit, none; Limit, 95 days; Plans and Specifications filed.

APARTMENTS
(497) SE CALIFORNIA AND FILLmore. All work for structural steel and concrete work for 3-story apartment and store building.
Owner—E. and D A. Horn, 171 14th Ave. San Francisco.
Architect—Geo. E. Ralph, 709 Pine St., San Francisco.
Contractor—The Central Iron Works.
Filed Feb. 5, 1924. Dated Jan. 19, 1924.
All steel fabricated $2295
Steel erected 1147
Usual 35 days 1148
TOTAL COST, $4590.
Bond, Sureties, Forfeit, none; Limit, 20 days after concrete foundations ready; Plans and Specifications filed.

FLATS
(498) N BALBOA 107-6 W Sixteenth Ave. Two-story and basement frame (2) flats.
Owner—Wm. M. McDonald, 6140 Geary St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $6000

ALTERATIONS
(499) NO. 634 CLEMENT. New store front; magnesite flooring, etc.
Owner—Pekramen Bros., 913 Valencia St., San Francisco.
Architect—None.
Contractor—A. Haugerud, 2745 16th St., San Francisco. $4100

REPAIRS
(500) NO. 1374-36 EDDY. General repairs for (2) flats.
Owner—Geo. Keating, 213 Davis St., San Francisco.
Architect—None. $1100

ALTERATIONS
(501) NO. 17 FRANCIS. Move and make general alterations to flats.
Owner—John Albarello, Premises.
Architect—None. $1000

RETAINING WALLS
(502) NO. 1060 PINE. Erect retaining walls; concrete and steel construction.
Owner—Dr. A W. Morton, 1055 Pine St., San Francisco.
Architect—None.
Contractor—Fontanella & Teza, 41 Sheridan St., S. F. $1465

FACTORY
(503) NO. 64 RAUSCH. Construct shaving incinerator for factory.
Owner—Mullen Mfg. Co., Premises.
Architect—Rees Blow Pipe Mfg. Co.
Contractor—Rees Blow Pipe Mfg. Co., 340 7th St., San Francisco. $1250

FLATS
(504) SE THIRTY-FIFTH AVE AND Cabrillo Two-story and basement frame (2) flats.
Owner—J. H. Thorup, 2414 Bolboa St., San Francisco.
Architect—P. L. Brouchard and A. R. Williams $10,000

FLATS
(505) N BALBOA 57-6 E 20th Ave. 2-story and basement frame (2) flats
Owner—E. A. Janssen, Hearst Bldg., San Francisco.
Architect—None. $7000

ALTERATIONS
(506) NW BAKER AND BROADWAY Streets. General alterations for residence.
Owner — Irving C. Ackerman, Phelan Bldg., San Francisco.
Architect — Weeks and Day, 315 Montgomery St., San Francisco
Contractor — Conlan Bros., 842 Guerrero St., S. F. $15,000

SHOP
(507) N BRYANT 275 E 4th. 1-story brick shop.
Owner—Meyers and Schwartz, 90 New Montgomery St., S. F.
Plans by F. H. Nelson, 4617 17th St., San Francisco. $3000

FLATS
(508) E CHURCH 100 N 24th. 2-story and basement frame (2) flats.
Owner—B. Cassou, 3770 24th St., S. F.
Architect—J. A. Porporato, 619 Washington St., S. F. $12,000

ALTERATIONS ETC.
(509) SO. 177 CRESCENT AVE. Alterations and additions for dwelling.
Owner—Mr. & Mrs. Kelly, 177 Crescent Ave., San Francisco.
Architect — Walter C. Clifford, San Francisco.
Contractor — Jos. Smith, 177 Crescent Ave., San Francisco. $2000

DWELLINGS
(510) W COLLINS 465 490 N Geary. 2 1-story and basement frame dwlgs.
Owner—E. A. Janssen, 402 Hearst Bldg San Francisco.
Architect—None. $4000 each

RESIDENCE
(511) E DELANO 100 S Santa Ynez. 2-story and basement frame residence.
Owner—Olaf Olsen, care architect.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $4000

DWELLINGS
(512) NE & NW OGDEN & FOLSOM Sts. Two 1-story and basement frame dwellings.
Owner—C. B. Eaton, 715 Ocean Ave., San Francisco.
Architect—Mr. Harper 150 Montgomery St., San Francisco.
Contractor—Eaton & Smith, 715 Ocean Ave., S. F. $2000 each

DWELLING
(513) W TWENTY-FIFTH AVE. 100 S Irving. 1-sto and basement frame dwelling.
Owner—Louis Johnson, 2260 19th Ave., San Francisco.
Architect—None. $3900

FLATS
(514) W TWENTY-FOURTH AVE 135 N Cabrillo. 2-story and basement frame (2) flats.
Owner—William Costello, 758 29th Ave San Francisco.
Plans by owner. $6000

DWELLING
(515) W THIRTY-THIRD AVE 150 S Lincoln Way. 2-story and basement frame dwelling.
Owner—Agnes Sack, 46th Ave. and Lincoln Way, San Francisco.
Architect—B. F. Deal, 1231 44th Ave., San Francisco. $6000

RESIDENCE
(516) N VALLEJO 182 W Pierce. 2-story and basement frame residence.
Owner—E. M. Waterman, 51 1st Ave., San Francisco.
Architect—R. R. Irvine, Call Bldg., San Francisco. $8900

DWELLING
W FORTY-FIRST AVE. 100 S Geary. 1-story and basement frame dwelling
Owner—H. Sichel, Flood Bldg., S. F.
Architect—None.
Contractor—Meyer Bros., 603 1st Natl. Bank Bldg., S. F.
NOTE—Reported today, No. 491.

RESIDENCE
(518) LOT 17 BLK 9, St. Francis Wood. All work for two-story and basement frame residence.
Owner—Charles T Spader, 1093 Dolores St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor — Willis L. Gott, 683 3rd Ave., San Francisco.
Filed Feb. 6, '24. Dated Feb. 2, '24.
Foundation in $1000
Frame up 1500
Ready for plater..... 1500
Brown coated 1500
Plaster completed 1280
Completed and accepted..... 3390
Usual 35 days..... 3390
TOTAL COST, $13,560
Bond, $6780. Surety, Maryland Casualty Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

APARTMENT BLDG.
(517) SE CALIFORNIA AND FILLmore. All work for 3-story store and apartment bldg.
Owner—E. and D. A. Horn, 258 Washington St., San Francisco.
Architect — Geo. E. Ralph, 413 Rialto Bldg., San Francisco
Contractor—Louis J. Cohn, 110 Sutter St., San Francisco.
Filed Feb. 6, 1924. Dated Jan. 30, 1924.
Tenth and 25th of each mo.....75%
Usual 35 days 25%
TOTAL COST, $37,500
Bond, $19,000; Sureties, Geo. Cohn; Forfeit, none; Limit, June 1, 1924; Plans and Specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Jan. 31, 1924—N OAK 247-3 W Van Ness Ave W 63-9xN 120. Young Men's Institute Hall Assn to Ruegg Bros.....Jan. 5, 1924

Jan. 31, 1924—S ARMY at dividing line Lots 81 and 84 P V Lands N 25 SE 90 m or 1 E 25 m or 1 NW 85 m or 1 to beg Ptn Lots 84 and 85 P V. G M Battersby to whom it may concern.....Jan. 23, 1924

Jan. 31, 1924—W SANSOME 46-10¾ m or 1 N Sutter N 91-6xW 122-9. The Angl & London Paris Nat'l. Bank to Vermont Marble Co.....Jan. 28, 1924

Jan. 30, 1924—NE ELEVENTH 150 SE Harrison SE 50xN E 109. The Lurie Co to J Martinelli.....Jan. 31, 1924

Jan. 31, 1924—SE ARMY 100 NE Hampshire NE 36xSE 100. The Lurie Co to J Martinelli..Jan. 31, '24

Jan. 31, 1924—SE VIENNA 250 SW Russia SW 25xSE 100 Ptn Lot 2 Blk 62 Excl Hd Assn. Frank Hanna to whom it may concern...Jan. 31, 1924

Jan. 31, 1924—E HYDE 75 N Bay N 28-1½x90. Gustave A and Anna L Schmidt, Geo A and Sophie O Witt to Alfred T Morris.....Jan. 24, 1924

Jan. 31, 1924—NE TWELFTH AVE and California. Strand & Strand to whom it may concern.Jan. 31, 1924

Jan. 31, 1924—N GEARY 137-6 W Hyde W 45x127-6. Daniel McKillop to whom it may concern.....Jan. 31, 1924

Jan. 31, 1924—E NINETEENTH AVE 325 N Fulton N 25xE 120. Orrin Knox to whom it may concern...Jan. 30, 1924

Jan. 31, 1924—LOT 32 BLK 6468-A Harder & Daniels Mission Tract Edward J McEvoy to whom it may concern.....Jan. 31, 1924

Jan. 31, 1924—N CLEMENT 82-6 E Sixth Ave 25x110. C K Danziger to whom it may concern.Jan. 24, 1924

Feb. 1, 1924—W TWENTY-SECOND Ave 234 S Irving S 27x W120. M C Rench to whom it may concern...Jan. 8, 1924

Feb. 1, 1924—S ERIE 112-6 W Howard 50x85 m or 1 A A and W H Wagstaff to Samuel Schell.Jan 29, '24

Feb. 1, 1924—E FRANKLIN 112-6 N Green N 25xE 117-71/5 No. 2530-2532 Green. J E and Fannie McG Williams to Harry L Sandow.....Jan. 25, 1924

Feb. 1, 1924—E SIXTEENTH AVE 225 N Bolboa N 25xE 127-6. Florence L Bertelsen to H S Meinherger.....Jan. 29, 1924

Feb. 1, 1921—NE SAN BRUNO AVE and Silver Ave. John and Barbara Golobrick to Jas Maguire and Edw J C'Connor.....Jan. 30, 1924

Feb. 1, 1924—NE GENEVA AVE 137-10 NW Mission NW 26xNE 100 Ptn Lots 5 and 6 Blk 5, West End Map 1. Patrick Horgan to whom it may concern.....Jan. 31, 1924

Feb. 1, 1924—W TWENTIETH AVE 300 S Lawton 25x100. Olive S Almlie to whom it may concern...Dec. 20, 1923

Feb. 1, 1924—E FRANKLIN 60-8¼ N Washington N 30x96. Mrs. Marie L Stone to Kincannon & Perego.....Jan. 23, 1924

Feb. 1, 1924—S FOURTEENTH 55 W Sanchez W 50xS 105. A Ernest Johnson to whom it may concern.....Feb. 1, 1924

Feb. 1, 1924—W TWENTIETH AVE 125 S Noriega S 25xW 100. Thos F Mitchell to whom it may concern.....Feb. 1, 1924

Feb. 1, 1924—W ASHBURY 32-6 N Haight N 25xW 100. Lulu McCloskey to John Little & Son.Jan 28, '24

Feb. 1, 1924—N EIGHTEENTH 100 W Valencia W 35-6xN 100. Edw E and Elizabeth A O'Dowd to whom it may concern.....Jan. 31, 1924

Feb. 1, 1924—W MISSION & ECKER SW 47 NW 112-6 SW 47 NW 75 NE 94 SE 187-6. Lucy H and Edith W Allyne to Pacific Structural Iron Works.....Feb. 1, 1924

Feb. 1, 1924—N GREEN 156-7 4/5 W Van Ness Ave W 27-6xN 137-6. Lucie Lamoure to Pene & Hodges.....Jan. 29, 1924

Feb. 2, 1924—NW BATTERY AND Sacramento W 275xN 119-6. Fed-

eral Reserve Bank to Rucker Fuller Desk Co.....Jan. 29, 1924
Feb. 2, 1924—W FIFTH AVE 125 N Fulton N 25xW 120. Jos C Kirby to whom it may concern.Feb 2, 1924
Feb. 2, 1924—E SEVENTEENTH AVE 225 S Lincoln Way E 120xS 25; NW 16th Ave and Irving 57-6x75; W 16th Ave 75 N Irving N 25xW 57-6. Elling Ellingson to whom it may concern.....Feb. 2, 1924
Feb .2. 1924—S CABRILLO 95 E 47th Ave E 25xS 100. Benj Schnier to whom it may concern...Jan. 30, 1924
Feb. 2, 1924—LOT 16 BLK 24, Castro St. Addition. Jno A and Catherine Driscoll to L P Smith..Jan. 26, 1924
—Feb. 2, 1924—W NINETEENTH AV 200 SN Taraval N 25xW 120. Schwartz & George to whom it may concern.....Jan. 30, 1924
Feb. 2, 1924—W THIRTY-THIRD AV 275 N Cabrille N 25xW 120. Dominic Tiscornia to whom it may concern .....Jan. 31, 1924
Feb. 2, 1924—N GEARY 105 W 14th Ave W 50x95 George F Rueter to whom it may concern..Dec. 29, 1923
Feb. 4, 1924—W TWENTIETH AVE 100 S Noriega S 25xW 100. Mary Miley to Thomas F Mitchell.....
.....Feb. 1, 1924
Feb. 4, 1924—W ALABAMA 325 S Precita Ave S 25xW 100. Vincent Rattaglia to Wm H Grahn.....
.....Jan. 1924
Feb. 4, 1924—E FORTY-FIRST AVE 298-8 and 273-8 N Balboa N 25xE 120. Henrietta Nelson to Henry S Nelson.....Feb. 4, 1924
Feb. 4, 1924—E FORTY-SECOND AV 175 S Balboa 25x120. Moses Little to whom it may concern. Feb. 4, 1924
Feb. 4, 1924—LOT 1 BLK 3178; Lot 13 Blk 3109, Westwood Park. Hans and Esther E Nelson to whom it may concern.....Jan. 30 1924
Feb. 4, 1924—LOTS 16 AND 17 BLK "L"; Lot 8 Blk "H" Mission Terrace Walter E Haasen to whom it may
Feb. 4, 1924—W KANSAS 100 N 23rd 25x100. W H and Rose Miller to Thomas F Mitchell & Son.....
.....Jan. 31, 1924
Feb. 4, 1924—E ASHTON AVE 250 N Grafton Ave N 25x112-6. Carl Olson to whom it may concern..Feb. 4, 1924
Feb. 4, 1924—W THIRTY-SIXTH AV 200 S Taraval S 25xW 120. Emily and Charles L Oldenburg to A L Lundy.....Feb. 1, 1924
Feb. 4, 1924—N ANZA 57-6 and 82-6 E Forty-fourth Ave 25x100. C B Rivers to whom it may concern...
.....Feb. 4, 1924
Feb. 4, 1924—W CHURCH 200 N Randall N 25x125. Annie Barry to it may concern.....
Feb. 6, 1924—S CABRILLO 95 E 43rd Ave E 25xS 100. August P Konkel and Sidney I Volz to whom it may concern.....Feb. 1, 1924
Feb. 6, 1924—E MISSION AND VIRginia NE 70xSE 102-6. Harry and Coleman Crug to whom it may concern.....Feb. 4, 1924
Feb. 6, 1924—NW BRYANT 425-2¾ NE Third NE 50-3¾ NW 80 NE 35 NW 75 SW 85-3¾ SE 155. Laurence A Myers to whom it may concern..
.....Feb. 5, 1924
Feb 6, 1924—SE DIVISADERO AND Clay — 106-3 S 127-8¼ W 25 N 25 W 81-3 N 102-8¼. Sixth Church of Christ Scientist to Scott Co, Jan 28; Ralston Iron Works.Jan. 26, '24
Feb. 6, 1924—N FOLSOM 378-1½ W Fourth N 160xW 34-4½. F W and M Clifford L Stettner to Barrett & Hilp.....Jan. 15, 1924
Feb. 6, 1924—N OAK 247-3 W Van Ness Ave W 63-9xN 120. Young Men's Institute Hall Assn to F Kiesel and C C Severin.Jan. 31, 1924
Feb. 6, 1924—NW HUGO & ARGUELlo Blvd 25x95. Andrew Wilkie to George C Todhunter....Feb. 6, 1924
Feb. 6, 1924—NE BAY & BUCHANan N 136xE 150. Pacific Gas & Electric Co to Faget Engr Co.....
.....Jan. 29, 1924
Feb. 6, 1924—SW GUTTENBERG 53 N Brunswick. Victor Bjorkman to whom it may concern...Feb. 6, 1924
Feb. 5, 1924—COM. 175 S ANZA on E Twenty-first Ave S 25x ——. Frank W Brown to whom it may concern.....Feb. 5, 1924.
Feb. 5 1924—NO. 65 GEARY. Southern Pacific Co to A Wagner.....
.....Jan. 29, 1924
Feb. 5, 1924—NE GIRARD 100 NW Woolsey NW 25x 120. Mary Deluechi to S Saari.....Feb. 4, 1924
Feb. 5, 1924—NO. 65 GEARY. Southern Pacific Co to Ostlund & Johnson.....Jan. 29, 1924
Feb. 5, 1924—NW FILBERT AND Hyde N 137-6xW 137-6. Capo Di Monte co A Knowles....Jan. 30, 1924
Feb. 5, 1924—NW TWENTY-NINTH and Dolores 51-6 on Dolores and 100 on 29th St. Jas H Reilly to whom it may concern..Jan 15, 1924
Feb. 5, 1924—LOT 29 BLK 18 Lakeview L Faxon Ave 160 N Holloway Ave. Wm F Lernell to Johnson & Erlenson.....Feb. 2, 1924
Feb. 5, 1924—N GRACE & HOWard NE 56-8 NW 137-6 NE 56-8 NE 55 SW 113-4 SE 192-6. M A Harris and Elmer B Stone to Busehke & Brown.....Jan. 31, 1924
Feb. 7, 1924—S 35 FT. LOT 10 BLK 3252, Balboa Terrace. O M Hueter to Boxton & Zwieg.....
.....Feb. 7, 1924
Feb. 7, 1924—N GREEN 142-6 N Broderick N 137-6xW 30. Daniel Brown Estate Co to John M Hooper.....Feb. 7, 1924
Feb 7, 1924—W TWENTY-FOURTH Ave 275 S Taraval 25x120. Arthur and Emma Kaufman to Edw A Johnson.....Feb. 4, 1924
Feb. 7, 1924—E THIRTY-NINTH AV 60 N Balboa N 75xE 120. Wm Klute to Meyer Bros.....Feb. 4, 1924
Feb. 7, 1924—W EIGHTH AVE 150 N Kirkham N 25xW 120. George W Witbeck to whom it may concern.
.....Feb. 7, 1924
Feb. 7, 1924—W ELEVENTH AVE 63-9 S Howard 37-9x90 Samuel Schell to whom it may concern...
.....Feb. 6, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Accepted

Jan. 31, 1924—N MISSION 140 W Ninth W 30xN 125. Michel & Pfeffer vs Western Plumbing Supply Co and Jas Hjul.....$257
Jan. 30, 1924—S HAIGHT 104-11 W Broderick S 120 W 105-0⅝ m or l NW 10 m or l E 32 m or l N to S Haight E 75. Peter P Mesquita vs V Imshenectsky and Geo Baliett..$77
Feb. 1, 1924—S SUTTER 115-6¼ W Webster W 21-11¾xS 137-6. P A Smith Co vs Anna W Halloran and M G Bugbee.....$105
Feb. 1, 1924—S SUTTER 115-6¼ W Webster W 21-11¾xS 137-6. Sullivan & Son vs Arna W Halloran
.....$244 92
Feb. 1, 1924—S POST 100 W Broderick W 25xS 100. Leonard Lumber Co vs John F and Nan H Kelly and L R French $74.36
Feb. 4, 1924—S ELLERT 125 W Bennington W 25xS 87-6. M J Treacy vs W J and Helen Estelita
.....$212.50
Feb. 2, 1924—S SUTTER 115-6¼ W Webster W 21-11¾xS 137-6 Leonard Lumber Co vs Annie Rose, L L Solomons and W R Segurson .$266.65
Feb. 6, 1924—NE JACKSON AND Broderick N 100xE 56-8¾. Atlas Mortar Co vs Hayes & Grivel, M L Rose and M L Rose Co.....$80.35
Feb. 6, 1924—W ANDERSON 100 S Tompkins Ave S 25xW 70. Atlas Mortar Co vs Hayes & Grivel, H C Hofmeister, Edw A Ellis and Clara P Ellis.....$55.65
Feb. 5, 1924—W FORTY-SECOND AV 100 S Geary S 25xW 120. Scott Co Inc vs Albert G Bennett.....$211

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Jan. 31, 1924—W GRANT AVE 104-6 S Jackson S 33xW 100. Mission Lumber Co to G Blum, Pacific Sales Co and Maurice Rosenthal.....
Jan. 30, 1924—N OAKDALE AVE 275 E Lane E 50xN 100. Jas T Tobin to E Joseph Gezelin.....$112.50
Jan. 30, 1924—S PALOU AVE 100 W Newhall W 75xS 100. Jas T Tobin to A Barsotti $402.50
Feb. 2, 1924—SW FIFTH — SE Harrison SE 34-4½xSW 137-6. Hart Wood Lumber Co to Max W and Anna R Mindner and Charles F Schnetz Co.....$1206.51
Feb. 5, 1924—W FOURTH AVE 275 S Cornwall S 25xW 120. M Monson to Sophie Rasken.....$150
Feb. 5, 1924—W FORTY-FIRST AVE 275 S Cornwall S 25xW 120. M Monson to Sophie Rashken....$150

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Jan. 31, 1924—W MISSION 112-9 N Twenty-second John and Pauline E Tonningsen as to improvements on property .....
Feb. 2, 1924—NE GEARY AND Presidio Ave. Joseph Estate Co as to improvements on property.....

RELEASE OF BLDG. CONTRACT

SAN FRANCISCO COUNTY

Feb .4, 1924—E SIXTH AVE 200 S Irving S 25xE 120. Edwin H and Jewel L Strei with W E Grant.

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Feb. 4, 1924—S HOWARD AND Seventh SW 111xSE 100. John W J Enright et al as to improvements on property .....
Feb. 4, 1924—E STOCKTON 112-6 S O'Farrell. Alice Phelan Sullivan Corp as to improvements on property .....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Feb. 7, 1924—N HOWARD 225 E Ninth E 50xN 90. Jas O'Sullivan as to improvements on property..

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contraetor	Amt.
482	Nesiman	Henderson	18000
483	Buell	Ingram	4650
484	Pinkerton	Owner	4500
485	Schors	Griffis	1900
486	Stripp	Barham	7500
487	Jaequer	Owner	7000
488	Andersen	Jensen	4800
489	Anderson	Jensen	4100
490	Philbrick	Owner	3500
491	McFarlane	Correia	3050
492	Meyer	Francisco	1250
493	Pollard	Stolte	1500
494	Noble	Owner	3500
495	Hansen	Owner	3000
496	Cummins	Owner	3750
497	McAllister	Sommarstrom	1000
498	Band	Metz	1000
499	Loeb	Kulchar	2000
500	Burrell	Ortzow	8500
501	Petersen	Brayton	3500
502	Marshall	Owner	1000
503	Brederhaft	Owner	2500
504	Same	Same	9000
505	Williges	Brederhaft	3000
506	Mortensen	Owner	1500
507	Porpat	Silva	2500
508	Peterson	Brayton	4000
509	Hutchinson	Easterly	3500
510	Wemmer	Fleming	1500
511	Patly	Owner	2940

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512	Zaff	Dildine	3000
513	Morrison	King	4000
514	Anderson	Owner	3000
515	Hadley	Burke	1000
516	Sigwald	Owner	3000
517	Dowling	Owner	7000
518	Hancock	Campomenosi	5000
519	Buckley	Brewer	5500
520	Peppin	Owner	9000
521	Lewis	Walker	20000
522	Aldrich	Owner	4000
523	Sigwald	Owner	3000
524	Davis	Owner	4350
525	Walker	Tupper	2800
526	Ballew	Owner	2750
527	Chittenden	Williamson	8750
528	Shields	Owner	4900
529	Best	Higgins	2595
530	Fawvell	Johnson	9980
531	Newell	Anderson	4106
532	Berkeley	Owner	3500
533	Clark	Owner	5200
534	Maglione	Wierd	4900
535	Ellis	Butler	16000
536	Anderson	Maurice	1950
537	Thompson	Shaw	3750
538	Silker	Kick	2500
539	Amer.	Owner	7500
540	Hemenway	Owner	6000
541	Levy	Kennedy	3500
542	Trimble	Van Vlack	2050
543	Johanson	Erickson	6450
544	Bogliolio	Lundgren	4000
545	Legris	Owner	19000
546	Birch	Owner	4000
547	Dolan	Owner	3200
548	Graham	Owner	3900
549	Sprague	Owner	6000
550	Ellison	Owner	4400
551	Nelson	Owner	17500
552	Lachaustra	Bussez	1600
553	Finney	Knight	16000
554	Corrlea	Correy	10245
555	Brazier	Owner	4000
556	Fake	Owner	13500
557	Romie	Wilson	27500
558	Karpi	Kesti	1700
559	Pfang	Owner	1000
560	McArthur	MacArthur	2800
561	Denbigh	Owner	4450
562	Berkeley	Owner	3500
563	Woods	Reed	3000
564	Farnell	Bay	5500
565	Croop	Knight	29000
566	Evans	Owner	3350
567	Consumers	Oakland	1000
568	American	Owner	8000
569	Blomberg	Bay	4000
570	Wess	Ness	4000
571	Murdock	Owner	1000
572	Gray	Hall	3400
573	Abel	Owner	3500
574	Silva	Owner	3250
575	Robinson	Allen	3850
576	First	Weybourn	1412
577	First	Osborn	6554
578	First	Strom	2500
579	Wood	Soloman	2850
580	McMullen	Norgrove	3700
581	Fordstrom	Lindquist	1000
582	Wood	Solomon	5000
583	Berger	Gass	5000
584	Lawrie	Williams	7975
585	McCani	Nall	1000
586	Roseberg	Owner	3600
587	Peterson	Owner	4500
588	Nickerson	Owner	1500
589	Neilson	Peterson	1000
590	Mosswood	Owner	9000
591	Baker	Owner	7500
592	Delpozze	Ungareth	2900
593	Ekstam	Owner	2750
594	Ekstam	Owner	2000
595	Bluff	Hewitt	2000
596	Davis	Mosswood	4950
597	Deluchi	Eyselee	3500
598	Drost	Owner	3500
599	Howden	Yerrick	7000
600	Huefschmidt	Owner	11250
601	Grimes	Owner	3500
602	Hudson	Owner	3600
603	Gustofson	Pearson	3123
604	Hufschmidt	Owner	4500
605	Wright	Gossett	8000
606	Nelson	Frazier	6500
607	Bishop	Calif.	8000
608	Allis	Calif.	8000
609	Emery	Owner	3000
610	Marymont	Bignani	3000
611	Dotz	Kapper	2000
612	Mosswood	Owner	3000
612	Mosswood	Owner	3000
613	Richards	Hendricks	1400
614	Hahr	Owner	20000
615	Blackhall	Smith	7000
616	Westinghouse	Dinwiddie	230000
617	Westinghouse	Dinwiddie	4500
618	Westinghouse	Lawson	11750

APARTMENTS
(482) 1641 EUCLID, Berkeley. 2-story 18-room apts. and 5 garages.
Owner—Sarah I. Niseman, Berkeley.
Architect—None.
Contractor — E. T. Henderson, 5744 Keith Ave., Oakland. $18,000

DWELLING
(483) 1631 FRANCISCO, Berkeley. 1-story 6-room dwelling and garage.
Owner—Mary E. Buell, 1640 Francisco, Berkeley.
Architect—None.
Contractor—Fred F. Ingram Co., 1956 University, Berkeley. $4650

DWELLING
(484) 2350 EUNICE, Berkeley. 1-story 6-room dwelling and garage.
Owner—J. A. Pinkerton, 1931 Berryman, Berkeley.
Architect—None. $4500

DWELLING
(485) 2015 FULTON, Berkeley. 2-story 10-room dwelling.
Owner—Miss Schors, 2503 Ellsworth, Berkeley.
Architect—None.
Contractor—M. G. Griffis, 2230 Ward, Berkeley. $1900

DWELLING
(486) SPRUCE ST. opp Halkin Lane, Berkeley. 2-story 8-room dwelling.
Owner—F. S. Stripp, 842 Santa Barbara Rd., Berkeley.
Architect—None.
Contractor—Barham Co., 1916 Broadway, Oakland. $7500

DWELLING
(487) 2016 SAN ANTONIO, Berkeley. 2-story 6-room dwelling.
Owner—Thos. G. Jacquer, 607 Arlington Ave., Berkeley.
Architect—None. $7000

DWELLING
(488) 1721 VIRGINIA, Berkeley. 1-story 6-room dwelling.
Owner — John Anderson, 1908 Grant, Berkeley.
Architect—None.
Contractor—Jensen & Pederson, 3443 Adeline, Berkeley. $4800

DWELLING
(489) 1717 VIRGINIA, Berkeley. 1-story 5-room dwelling.
Owner — John Andersen, 1908 Grant, Berkeley.
Architect—None.
Contractor—Jensen & Pederson, 3443 Adeline, Berkeley. $4100

DWELLING
(490) N DAMUTH ST. 113 W Lincoln Ave., Oakland. 1-story 5-room dwlg
Owner—A. E. Philbrick, 1401 E-38th St., Oakland.
Architect—None. $3500

DWELLING
(491) E EIGHTY-NINTH AVE. 120 N Birch Ave., Oakland. 1-story 5-room dwelling.
Owner—Arletta McFadden, Hyde and Fruitvale, Oakland.
Architect—None.
Contractor—A. E. Carreia, 2700 25th Ave., Oakland. $3050

ALTERATIONS
(492) 9312 E-FOURTEENTH ST. Oakland. Alteration.
Owner—Chas. Meyer, 9336 E-14th St., Oakland.
Architect—None.
Contractor—C. B. Francisco, 1470 87th Ave., Oakland. $1250

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ALTERATIONS
(493) 2332 E-FOURTEENTH ST Oakland. Alterations.
Owner—White & Pollard.
Architect—None.
Contractor—L. C. Stolte. $1500

DWELLING
(494) N FIFTY-EIGHTH ST. 90 W Adeline St., Oakland. 1-story 5-room dwelling.
Owner — G. H. Noble, 1336 Park St., Alameda.
Architect—None. $3500

DWELLING
(495) E HERZOG ST. 100 S 60th St., Oakland. 1-story 4-room dwelling.
Owner—Geo. Hanson, 1073 60th St., Oakland.
Architect—None. $3000

DWELLING
(496) NE COR. MYERS & DURANT Ave., Oakland. 1-story 5-room dwelling.
Owner—Cummins & White, E-14th St. and Durant Ave., Oakland.
Architect—None. $3750

FIRE REPAIRS
(497) 1612 SEVENTH ST., Oakland. Fire repairs.
Owner — Mrs. James McAllister, 690 Arimo Ave., Oakland.
Architect—None.
Contractor—Sommarstrom Bros., Oakland. $1000

BAKE OVEN
(498) 5691 SAN PABLO AVE., Oakland. Brick bake oven.
Owner—A. Band, 5691 San Pablo Ave., Oakland.
Architect—None.
Contractor — Paul Metz, 855 44th St., Oakland. $1000

ALTERATION
(499) NW COR. TWELFTH AND Franklin St., Oakland. Alteration.
Owner—Loeb Realty Co., Oakland.
Architect—None.
Contractor—S. Kulchar Co., 8th Ave. & E 10th St., Oakland. $2000

UNDERTAKING ESTABLISHMENT
(500) NO. 4460 PIEDMONT AVENUE, Oakland. One-story brick, tile and frame undertaking establishment.
Owner—I. Rabinowitz, 1440 Chestnut St., Oakland.
Architect—C. N. Burrell, American Bk. Bldg., Oakland.
Contractor—A. Ortzow, 3929 West St., Oakland.
Filed Jan. 30, 1924. Dated Jan. 26, 1924.

Concrete work in	$1500
Walls scaffold high	1000
Walls completed	2000
Completed and accepted	2000
Usual 35 days	2000
TOTAL COST,	$8500

Bond, Forfeit, none; Limit, 90 days; Plans and specifications filed.

(501) ALLENDALE AVE. NR. HIGH Street, Alameda Co. All work for 5-room frame dwelling and garage
Owner—E. F. Petersen, Marie A. Petersen, 4540 Thompson, Oakland.
Architect—None.
Contractor—F. R. Brayton, 1030 Warfield, Oakland.
Filed Jan. 30, 1924. Dated Jan. 24, 1924.

Frame up	$875
First coat plaster on	875
Wood finish is in place	875
Usual 35 days	875
TOTAL COST,	$3500

Bond, Forfeit, none; Limit, 90 days; Plans and specifications filed.

ALTERATIONS
(502) NO. 2415 BOWDITCH, Berkeley Aiterations and repairs.
Owner—J. A. Marshall, 18 Tanglewood Road, Berkeley.
Architect—None. $1000

DWELLING
(503) NO. 1336 CARLOTTA, Berkeley. One-story 5-room dwelling.
Owner—Kay & Brederhaft, 1620 Hopkins St., Berkeley.
Architect—None. $2500

DWELLINGS
(504) NO. 1326, 1328 & 1336 CARLOTTA Berkeley. Three one-story 6-room dwellings.
Owner—Kay & Brederhaft, 1620 Hopkins St., Berkeley.
Architect—None. $3000 each

DWELLING
(505) NO. 1349 CARLOTTA, Berkeley. One-story 6-room dwelling.
Owner—H. Williges, 1330 Carlotta St., Berkeley.
Architect—None.
Contractor — Kay & Bredenhaft, 1620 Hopkins St., Berkeley. $3000

ADDITION
(506) NO. 3108 GROVE ST., Berkeley. Addition.
Owner—D. Mortensen, Premises.
Architect—None. $1500

DWELLING
(507) NO. 1256 RUSSELL ST., Berkeley One-story 5-room dwelling and garage.
Owner—P. Porpat, 1069 42nd St., Okd.
Architect—None.
Contractor—John Silva, — Mabel St., Berkeley. $2500

DWELLING
(508) N ALLENDALE 100 E Eastman Oakland. One-story 5-room dwelling.
Owner—E. F Peterson, Oakland.
Architect—None.
Contractor—F. R. Brayton, 1030 Winfield Ave., Oakland. $4000

WAREHOUSE
(509) S ALAMEDA AVE., THIRTY-seventh Ave., Oakland. One-story warehouse.
Owner—Hutchinson Co.
Architect—None.
Contractor—John J. Easterly, 2137 Tiffin Rd., Oakland. $3500

ALTERATIONS
(510) 1518 CHESTNUT STREET, Oakland. Alterations.
Owner—K. Wemmer, 1518 Chestnut St., Oakland
Architect—None.
Contractor—L. E. Fleming, 842 Mead Ave., Oakland. $1500

DWELLING
(511) N CARMEL 300 W Maple Ave., Oakland. One-story 4-room dwelling.
Owner — S. M. Patly, 901 35th Ave., Oakland.
Architect—None. $2940

DWELLING
(512) W DANA 60 S of Sixty-fifth St., Oakland. One-story 4-room dwelling.
Owner — Angeline Zaff, 427 65th St., Oakland.
Architect—None.
Contractor—Dildine & Knight, 378 63rd St, Oakland. $3000

DWELLING
(513) S FLEMING AVE. 342 E Fifty-fifth Ave., Oakland. One-story 5-room dwelling.
Owner — C. H. Morrison, 5693 Ocean View Drive, Oakland.
Architect—None.
Contractor—Lee King, 1578 Alice St., Oakland. $4000

DWELLING
(514) W FORTY-SEVENTH AVE. 95 N Melrose Ave., Oakland. One-story 5-room dwelling.
Owner—J. Andersen, 2102 47th Ave., Oakland.
Architect—None. $3000

ADDITION
(515) 2027 FRUITVALE AVE., Oakland. One-room addition.
Owner — Fred Hadley, 2027 Fruitvale Ave., Oakland.
Architect—None.
Contractor — C. E. Burke, 4129 Randolph, Oakland. $1000

DWELLING
(516) 3811 LYON AVE., Oakland. One-story 5-room dwelling.
Owner—J. W. Sigwald, 2333 38th Ave., Oakland.
Architect—None. $3000

DWELLING
(517) 5218 5224 LAWTON AVE., Oakland. One-story 5-room dwelling.
Owner—Geo. F. Dowling, 407 Federal Bldg, Oakland.
Architect—None. $3500 each.

DWELLING
(518) 616 MONTCLAIR, Oakland. One-story 5-room dwelling.
Owner—G. Hancock, 811 Prospect Ave., Oakland.
Architect—None.
Contractor — E. Campomenosi, 5238 Lawton Ave., Oakland. $5000

DWELLING
(519) W PRESSLEY WAY 50 N Shafter Ave., Oakland. Two-story 6-room dwelling.
Owner—Mary Buckley, 6217 Ross St., Oakland.
Architect—None.
Contractor—S. F. Brewer, 1619 Grove St, Berkeley. $5500

DWELLINGS
(520) 2189, 2202, 2209 RANSOM AVE., Oakland. Three 1-story 4-room dwellings.
Owner—J. B. Peppin, 851 Trestle Glen Road, Oakland.
Architect—None. $3300 each.

APARTMENTS
(521) SW COR. FORTIETH AND Ruby, Oakland. Two-story (13 room) apartment house.
Owner — Lewis & Mitchell, 15th St., Oakland.
Architect—None.
Contractor—S. C. Walker, 3231 Boston Ave, Oakland. $10000 each.

DWELLING
(522) NE COR. SEVENTY-NINTH and Dowling, Oakland. One-story 4-room dwelling and stores.
Owner—F. C. Aldrich, 3326 E 10th St., Oakland.
Architect—None. $4000

DWELLING
(523) 2432 THIRTY-EIGHTH AVE., Oakland. One-story 5-room dwelling.
Owner—J. W. Sigwald, 2333 38th Ave., Oakland.
Architect—None. $3000

DWELLING
(524) 2532 SIXTY-FIRST AVE, Oakland. One-story 6-room dwelling.
Owner—Geo. B. Davis, 3283 Hyde St., Oakland.
Architect—None. $3900

DWELLING
(525) S TWENTY-FOURTH AVE., 407 N E-24th St., Oakland. One-story 4-room dwelling.
Owner—Harry Walker, 2502 24th Ave., Oakland.
Architect—None.
Contractor—T. W. Tupper, 2310 Russel St., Oakland. $2800

(526) W SIXTY-SEVENTH AVE. 245 S Avenal, Oakland. One-story 5-room dwelling.
Owner—R. J. Ballew, 802 27th St., Oakland.
Architect—None. $2750

(527) N THIRTY-FIRST ST., 102 W Telegraph Ave., Oakland. Two-story frame, 3 apts., 11 rooms.
Owner—Geo. N. Chittenden, 107 13th St. Oakland.
Architect—None.
Contractor—Williamson & Bristol, 3833 Telegraph Ave., Oakland. $8750

DWELLING
(528) E VIEW ST. 4432, Oakland. One-story 5-room dwelling.
Owner—David B. Shields, 4432 View St., Oakland.
Architect—None. $4900

DWELLING
(529) WEST ONE HUNDRED AND Fifth Ave. 40 N S. P. R. R., Oakland One-story 4-room dwelling.
Owner—Best Cast Steel Co.
Architect—None.
Contractor—W. H. Higgins, 9439 Foothill Blvd., Oakland. $2595.

ADDITION
(530) 383 EIGHTH STREET, Oakland. Brick addition.
Owner—S. O. Melvin Fawvell, 435 Van Dyke St., Oakland.
Architect—None.
Contractor — S. G Johnson, 4652 Dolores Ave., Oakland. $9980

ALTERATIONS
(531) 1944 BERKELEY WAY, Berkeley. Alteration and building.
Owner — Mrs. Annie G. Newell, 1944 Berkeley Way, Berkeley.
Architect—None.
Contractor—Anderson & Anderson, 916 Carmel Ave., Albany.
Filed Jan. 31, 1924. Dated Sept. 4, 1923.
Ready for plaster $1026.65
Plaster is on 1026.65
Completed and accepted ... 1026.65
Usual 35 days 1026.65
TOTAL COST, $4106.60
Bond, Forfeit, none; Limit, 70 days; Plans and specifications filed.

DWELLING
(533) SW COR. E-TWENTY-SECOND St. and 25th Ave., Oakland. 1-story 8-room 2-family dwelling.
Owner — O. R. Clark, 1475 36th Ave., Oakland.
Architect—None. $5000
Gar. $200

STORES
(534) W FAIRFAX AVE 75 N Bond St., Oakland. 1-story stores.
Owner—Ben Maglione, 1201 33rd St., Oakland.
Architect—None.
Contractor—Nick Wierl, 404 45th St., Oakland. $4900

APARTMENTS
(535) E GLENVIEW 125 S Warfield, Oakland. 2-story 16-room apts.
Owner — H. W. Ellis, 815 Grand St., Alameda.
Architect—None.
Contractor — H. S. Butler, 5679 Oak Grove Ave., Oakland. $16,000

ALTERATION
(536) 290 GRAND AVE., Oakland. Alterations.
Owner—Mrs. Ida G. Anderson, 433 Lee St., Oakland.

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MISSION BRANCH.....Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....Haight and Belvedere Streets
WEST PORTAL BRANCH.....West Portal Ave. and Ulloa St.
Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

Architect—None.
Contractor—F. W. Maurice, 1362 E-25th St., Oakland. $1950

(537) W KINGSLAND 50 S Madera, Oakland. 1-story 5-room dwelling.
Owner—Loren Thompson, Alameda.
Architect—None.
Contractor—Shaw & Co., 1711 Willow St., Alameda. $3750

DWELLING
(538) S LOCUST E 78th Ave., Oakland. 1-story 4-room dwelling.
Owner—F. S. Silher, 2325 Humboldt Ave., Oakland.
Architect—None.
Contractor—L. L. Kick, 2325 Humboldt Ave., Oakland. $2500

DWELLING
(539) 2033-39-45 NINETY-SIXTH AV. Oakland. Three 1-story 4-room dwellings.
Owner—Amer. Const. Co., 1422 14th Ave., Oakland.
Architect—None. $2500 each

(540) S NORTH ST., bet. Colby and Dana, Oakland. 2-story 8-room (2) flats.
Owner—Edwin A. Hemenway, 390 63rd St., Oakland.
Architect—None. $6000

ALTERATIONS
(541) NE COR. SIXTEENTH & SAN Pablo, Oakland. Alterations.
Owner—Levy Estate Co., 1119 Broadway, Oakland.
Architect—None.
Contractor—F. T. Kennedy, 434 9th St., Oakland. $3500

DWELLING
(542) 2012 E-TWENTY-NINTH ST., Oakland. All work for 3-room dwlg
Owner — J. C. Trimble, 2012 E 29th, Oakland.
Architect—None.
Contractor—G. Van Vlack, 537 21st, Oakland.
Filed Feb. 1, 1924. Dated Jan. 29, 1924.
Frame up and roof on $500
When plastered 550
Completed and accepted 500
30 days after 500
TOTAL COST, $2050
Bond, Forfeit, Limit; Plans and specifications, none.

DWELLING
(543) NW CRESCENT AND SANTA Clara, Oakland. One-story 6-room dwelling.
Owner—Miss A. Johanson, 1120 E-33rd St., Oakland.
Architect—None.
Contractor—Jos. Erickson, 1120 E-33rd St., Oakland. $6450

DWELLINGS
(544) SE FORTY-FIFTH AND WEBster and S 45th 50 E Webster, Oakland. Two one-story 3-room dwlgs
Owner—L. C. Boglioli, 727 45th St., Oakland.
Architect—None.
Contractor—H. Lundgren, 1110 Parker St., Berkeley. $2000 each

DWELLINGS
(545) NO. 4132-34-38-44-50 GREENwood Ave., Oakland. Four one-story 5-room dwellings.
Owner—L. H. Legris, 1351 Hampel St., Oakland.
Architect—None. $4750 each

DWELLINGS
(546) E HARRINGTON AVE 260 and 235 S Lyon Ave., Oakland. Two one-story 3-room dwellings.
Owner—C. A. Birch, 2240 Havenscourt Blvd., Oakland.
Architect—None. $2000 each

DWELLING
(547) NO. 3827 PERALTA AVE., Oakland. One-story 5-room dwelling and garage.
Owner—P. A. Dolan, E-14th St. and 22nd Ave., Oakland.
Architect—None. $3200

DWELLING
(548) NO. 2321 SIXTY-FOURTH AVE., Oakland. On-estory 5-room dwelling and garage.
Owner—Lewis Graham, 1704 55th Ave., Oakland.
Architect—None. $3900

DWELLING
(549) NW TWENTY-FIRST AVE AND E-19th St., Oakland. One-story 8-room frame dwelling.
Owner—J. E. Sprague, 4518 Edgewood Ave., Oakland.
Architect—None. $6000

DWELLING
(550) NO. 1411 E-THIRTY-THIRD ST. Oakland. One-story 5-room dwelling and garage.
Owner—E. Ellison, 645 Mariposa Ave., Oakland.
Architect—None. $4800

APARTMENTS
(551) NE TENTH AVE AND E-12TH, Oakland. Two-story 19-room apartments and stores.
Owner—K. Nelson, 2534 14th Ave., Okd.
Architect—None. $17,500

ALTERATIONS
(552) NO. 58 VERNON ST., Oakland. Alterations and additions.
Owner—E. Lachaustra.
Architect—None.
Contractor—S. Bussez, 767 14th St., Oakland. $1600

APARTMENTS
(553) S ORCHARD 195 W Summit, Oakland. Two-story 16-room apts.
Owner — J. M. Finney, 1426 Franklin St., Oakland.
Architect—None.
Contractor—H. C. Knight, 1426 Franklin St., Oakland. $16,000

BUNGALOW
(554) LOTS 11 AND 15 BLK 1, Map of Oakland Prospect Homestead Tract, Oakland. All work for duplex bungalow.
Owner—M. F. and Annie L. Corriea, 493 Weldon St., Oakland.
Architect—None.
Contractor—L. H. Correy and M. A. Rose, Oakland.
Filed Feb. 2, '24. Dated ——.
Ground broken .....$ 745
1st floor and sub. floor placed.. 2375
Building passed by inspector.. 2375
Completed and accepted..... 2375
Usual 35 days..... 2375
TOTAL COST, $10,245
Bond, $—— Surety, U. S. Fidelity & Guarantee Co. Limit, 90 days. Forfeit, $5. Plans and specifications filed.

DWELLING
(555) 22 CLAREMONT CRESCENT, Berkeley. 1½-story 6-room dwelling.
Owner — Jas. W. Brazier, 1912 Blake, Berkeley.
Architect—None. $4000

FLATS
(556) 2113 2115 2117 2119 DELAWARE Berkeley. 2-story 16-room flats.
Owner — A. E. Fake, 1552 10th Ave., Oakland.
Architect—None. $13,500

BUILDING
(557) 2930 34 36 38 42 DOMINGA AVE. Oakland. 2-story class C bldg. (8 stores and dance hall)
Owner—F. E. Romie, 418 Newton Ave., Oakland.
Architect — Hutchinson & Mills, 1214 Webster St., Oakland.
Contractor — Leslie R. Wilson, 2216 Blake St., Berkeley. $27,500

DWELLING
(558) 1205 EVELYN AVE., Berkeley. 1-story 3-room frame dwelling.
Owner—Viktar Karpi, 1203 Evelyn Ave. Berkeley.
Architect—None.
Contractor—David Kestl, 1211 Allston Way, Berkeley. $1700

GARAGE
(559) 2023 LOS ANGELES ST., Berkeley. Garage.
Owner—C. J. Pfrang, 480 Forest St., Oakland.
Architect—None. $1000

DWELLING
(560) 2526 MATTHEWS, Berkeley. 1-story 4-room frame dwelling.
Owner—Marian McArthur, 625 Taylor St., San Francisco.
Architect—None.
Contractor—Wallace MacArthur, 2919 Otis St., Berkeley. $2800

DWELLING
(561) 2720 PIEDMONT, Berkeley. 2-story 6-room dwelling and garage.
Owner—B. K. Denbigh, 2840 Forest Ave., Berkeley.
Architect—None. $4400

DWELLING
(362) 2405 REZAI ROAD, Berkeley. 1-story 6-room dwelling.
Owner — Berkeley Building Co., 2029 Shattuck Ave., Berkeley.
Architect—None. $3500

(563) N ALCATRAZ 285 W Shattuck, Oakland. One-story 4-room dwelling.
Owner—C. Y. Woods, 765 65th St., Oakland.
Architect—None.
Contractor—H. V. Reed, 1936 Stuart St. Oakland. $3000

DWELLING
(564) N BATES ROAD 360 E Halman Road, Oakland. One-story 5-room dwelling.
Owner—A. Farnell, 412 Madison St., Oakland.
Architect—None.
Contractor—Bay Construction Co., 412 Madison St., Oakland. $5500

APARTMENTS
(565) W ERIE ST. 250 N Mandana Blvd., Oakland. Three-story (24 rooms) apartments and garage.
Owner — M. Croop, 1426 Franklin St., Oakland.
Architect—None.
Contractor—H. C. Knight, 1426 Franklin St., Oakland. $29000

DWELLING
(566) E 168TH AVENUE 210 N Flora, Oakland. One-story 5-room dwelling.
Owner—Bell & Evans, 3704 39th Ave., Oakland.
Architect—None. $3350

SHED
(567) SE COR FIFTIETH AVE. AND E Fourteenth St., Oakland. One-story storage shed.
Owner — Consumers Ice Co., 963 32nd St., Oakland.
Architect—None.
Contractor — Oakland Refrigerating & Butcher Supply Co., 1627 E 12th St. Oakland. $1000

FLATS & STORES
(568) N E-FOURTEENTH ST. 66 E 14th Ave., Oakland. Two-story 7-room flats and stores.
Owner — American Construction Co., 1422 14th Ave., Oakland.
Architect—None. $8000

DWELLING
(569) E GLENDORA AVE. 40 S El Centro, Oakland. One-story 4-room dwelling.
Owner—A. Blomberg, 374 41st St., Oakland.
Architect—None.
Contractor—Bay Construction Co., 412 Madison, Oakland. $4000

DWELLING
(570) 1468 HAMPEL ST., Oakland. 1-story 5-room dwelling.
Owner — Wess Bros., 3810 Canon St., Oakland.
Architect—None.
Contractor—P. Ness, 3912 Linwood Ave. Oakland. $4000

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ALTERATIONS
(571) 2215 NINETH AVENUE Oakland. Alterations.
Owner—Jas. Murdock, 2215 9th Ave., Oakland.
Architect—None. $1000

DWELLING
(572) 2934 OCTAVIA ST., Oakland. One-story 5-room dwelling.
Owner—C. P. Gray, 2908 Octavia St., Oakland.
Architect—None.
Contractor—Hall & Falkenstein, 2629 Short St., Oakland. $3400

DWELLING
(573) NW COR. SIXTY-SEVENTH Ave. and Arthur St., Oakland. 1-story 5-room dwelling.
Owner—Henry Abel, 1755 81st Ave., Oakland.
Architect—None. $3500

(574) E SIXTY-FOURTH AVE. 226 S Avenal Ave., Oakland. One-story 5-room dwelling.
Owner—M. R. Silva, 1881 Park Blvd., Oakland.
Architect—None. $3250

DWELLING
(575) W TENTH AVE. 125 N E-Twenty-third St., Oakland. One-story 5-room dwelling.
Owner—Dr. C. V. Robinson, E-12th St., and 14th Ave., Oakland.
Architect—None.
Contractor—Allen & Benge, 9235 Peach St., Oakland. $3850

GALV. IRON WORK
(576) NW COR. CENTRAL AVE. AND Oak St., 105x140, Alamdea. Galvanized iron work for 2-story concrete and brick and frame church.
Owner—First M. E. Church of Alameda, 24th and SE cor. Broadway, Oakland. (Agent, Thos. A. Cuthbertson).
Architect—Henry H. Myers, Kohl Bldg., San Francisco.
Contractor — Thos. Weyburn (Pacific Metal Prod. Co.), cor. 2nd and Madison Oakland.
Filed Feb. 4, 1924. Dated Jan. 25, 1924. Payments not given.
TOTAL COST, $1412.50
Bond, $707.; Sureties, Hartford Accident & Indemnity Co.; Forfeit, Limit, none; Plans and Specifications filed.

(577) HEATING & VENTILATING on above.
Contractor — R. N. Osborn (Bay Engr. Co.), 329 Jefferson St., Oakland.
Filed Feb. 4, 1924. Dated Jan. 25, 1924. Payments not given.
TOTAL COST, $6554.00
Bond, $3,277.; Sureties, Union Indemnity Co.; Forfeit, Limit, none; Plans and Specifications filed.

(578) ELECTRIC WIRING on above.
Contractor—Carl E. Strom, 1197 Regent Alameda.
Filed Feb. 4, 1924. Dated Jan. 25, 1924. Payments not given.
TOTAL COST, $2500.
Bond, $1250.; Sureties, American Surety Co.; Forfeit, Limit, none; Plans and Specifications filed.

BUNGALOW
(579) NO. 1138 CARLTON ST., Berkeley. One-story 5-room bungalow
Owner — R. P. Wood, 2488 Grove St., Architect—None.
Contractor—J. E. Solomon, 1904 Haste St., Berkeley. $2850

DWELLING
(580) NO. 2426 EDWARDS ST., Berkeley. One-story 5-room dwelling and garage.
Owner—A. W. McMullen, 2414 Edwards St., Berkeley.
Architect—None.
Contractor — C. M. Norgrove, 2220 Roosevelt St., Berkeley. $3700

DWELLING
(581) NO. 1522 GRANT ST., Berkeley. Two-story 10-room dwelling.
Owner—Emil Fordstrom, Premises.
Architect—None.
Contractor—John Lindquist, 834 Talbott Ave., Berkeley. $10000

BUNGALOWS
(582) NO. 2412 AND 2616 MATHEWS St., Berkeley. Two one-story 4-room bungalows.
Owner — R. P. Wood, 2488 Grove St., Architect—None.
Contractor—J. E. Solomen, 1904 Haste St., Berkeley. $2500 each

DWELLINGS
(583) NO. 1422 AND 1426 SIXTY-seventh St., Berkeley. Two one-story 4-room dwellings and garages.
Owner—J. A. Berger, 528 E-21st St., Oakland.
Architect—None.
Contractor—C. M Gass, 2415 35th Ave., Oakland $2500 each

DWELLING
(584) NC 1917 YOSEMITE ST., Berkeley. One-story 6-room dwelling.
Owner—H. J. Lawrie, 1631 San Lorenzo St., Berkeley.
Architect—None.
Contractor—Williams & Wastell. $7975

ALTERATIONS
(585) 853 APGAR ST., Oakland. Alterations.
Owner—John W. McCani.
Architect—None.
Contractor—Geo. Nall, 930 42nd St., Oakland. $1000

DWELLING
(586) S ASH ST. 170 E 78th Ave., Oakland. 1-story 4- room dwelling.
Owner — August Roseberg, 1712 48th Ave., Oakland.
Architect—None. $3600

DWELLING
(587) 3001 CAPP ST., Oakland. 1-sto. 5-room dwelling.
Owner—Otto H. Peterson, 2034 17th Ave., Oakland.
Architect—None. $4500

DWELLING
(588) 9004 D ST., Oakland. 1-story 3-room dwelling.
Owner—Geo. E. Nickerson, 1316 97th Ave., Oakland.
Architect—None. $1500

GARAGE
(589) N E-FOURTEENTH ST. 160 W 79th Ave., Oakland. 1-story con. tile garage.
Owner—Davis & Nielson.
Architect—None.
Contractor—J. B. Petersen, 2053 38th Ave., Oakland. $1000

DWELLING
(590) S E-NINETEENTH ST. 35 75 & 110 E 20th Ave., Oakland. Three 1-story 5-room dwellings.
Owner—Mosswood Realty Co., 314 40th St., Oakland.
Architect—None. $3000 each

DWELLINGS
(591) 1636 1642 & 1648 E-TWENTY-first St., Oakland. Three 1-story 4-room dwelling.
Owner—Max Bakar, 386 17th St., Oakland.
Architect—None. $2500 each

DWELLING
(592) 1912 EIGHTY-THIRD AVE., Oakland. 1-story 4-room dwelling.
Owner — B. Delpozze, 1907 83rd Ave., Oakland.
Architect—None.
Contractor—Chas. Ungaretti, 1393 18th St., Oakland. $2900

DWELLING
(593) 1672 EIGHTIETH AVE., Oakland. 1-story 5-room dwelling.
Owner—N. J. Ekstam, 1586½ Pacific Ave., Alameda.
Architect—None. $2750

DWELLING
(594) 1666 EIGHTIETH AVE., Oakland. 1-story 4-room dwelling.
Owner—N. J. Ekstam, 1586½ Pacific Ave., Alameda.
Architect—None. $2000

DWELLING
(595) E EIGHTY-EIGHTH AVE. 165 S B St., Oakland. 1-story 4-room dwelling.
Owner—John Michaelson, Red Bluff.
Architect—None.
Contractor—C. L. Hewitt, 8821 E-14th St., Oakland. $2000

DWELLING & STORE
(596) SE COR. E-NINETEENTH ST & 20th Ave., Oakland. 1-story 5-room dwelling and store.
Owner—L. L Davis, 314 40th St., Oakland.
Architect—None.
Contractor—Mosswood Realty Co., 314 40th St., Oakland. $4950

DWELLING
(597) N FORTY-EIGHTH ST. 105 ft. E Webster St., Oakland. 1-story 5-room dwelling.
Owner—M. Delnchi, 420 48th St., Oakland.
Architect—None.
Contractor—A. Eyselee, 414 48th St., Oakland. $3500

DWELLING
(598) 3021 FRUITVALE AVE., Oakland. 1-story 5-room dwelling.
Owner—J. Drost, 3006 Fruitvale Ave., Oakland.
Architect—None. $3500

DWELLING
(599) SW COR. KENMORE & FAIRbanks, Oakland. 1-story 6-rm dwlg.
Owner—J. Watson Howden, 417 Webster St., Oakland.
Architect—None.
Contractor—A. J. Yerrick, 5253 College Ave., Oakland. $7000

DWELLINGS
(600) 918-22-26 FIFTY-SEVENTH ST. Oakland. Three 1-story 5-rm dwlgs
Owner—Walter Hufschmidt, 407 Federal Bldg., Oakland.
Architect—None. $3750 each

DWELLING
(601) S HOPKINS ST. 150 W Woodruff, Oakland. 1-story 5-room dwlg
Owner—Grimes & Herrington, 355 12th St., Oakland.
Architect—None. $3500

DWELLING
(602) W LINWOOD AVE. 80 S E-38th St., Oakland. 1-story 5-room dwlg.
Owner—L. G. Hudson, 1771 Evans Ave., Oakland.
Architect—None. $3600

DWELLING
(603) S MASTERSON ST. 150 E Maybelle Ave., Oakland. 1-story 5-rm. dwelling.
Owner—S. Gustofson, 221 41st St., Oakland.
Architect—None.
Contractor—Ben Pearson, 2403 Grant St., Berkeley. $3123

DWELLING
(604) S SIXTY-THIRD ST. 225 E Canning St., Oakland. 1-story 5-room dwelling.
Owner — Hufschmidt & Whalen, 407 Federal Bldg., Oakland.
Architect—None. $4500

DWELLING
(605) 623 SANTA RAY, Oakland. 1½-story 6-room dwelling.
Owner—R. H. Wright.
Architect—None.
Contractor—C. A. Gossett, 327 Davis St San Leandro. $8000

DWELLING
(606) W SIXTY-SIXTH AVE. 300 337 Flora, Oakland. Two 1-story 5-rm. dwellings.
Owner—Mary E. Nelson, 734 9th St., Oakland.
Architect—None.
Contractor—J. L. Frazier, 2324 Peralta Ave., Oakland. $3250 each

GARAGE
(607) W SAN PABLO 225 N 55th St., Oakland. 1-story brick garage.
Owner—Robt. Bishop, 1534 Franklin St Oakland.
Architect—None.
Contractor—Calif. Bldrs., 1534 Franklin St., Oakland. $8000

DWLG & STORE
(608) SW COR. SEVENTY-SEVENTH Ave. and Foothill Blvd., Oakland. 2-story 6-room dwelling and store
Owner—L. G. Allis, 1534 Franklin St., Oakland.
Architect—None.
Contractor — Calif. Bldrs. Co., 1534 Franklin St., Oakland. $8000

ADDITION
(609) E SIDE SHAFTER 120 ft. N 41st St., Oakland. 4-room addition.
Owner—L. E. Emery, 551 41st St., Oakland
Architect—None. $3000

ALTERATIONS
(610) 1422 TWENTY-THIRD AVE., Oakland. Alterations.
Owner—Mrs. J. Marymont.
Architect—None.
Contractor—F. Bignani, 5442 Claremont Oakland. $3000

ADDITION
(611) S TWELFTH ST. 60 W Fallon St., Oakland. One-story tile addition.
Owner—L. A. Doty Co., 12th and Fallon Sts., Oakland.
Architect—None.
Contractor—M. E Kapper & Son, 1117 Webster St., Oakland. $2000

DWELLING
(612) E TWENTIETH AVE. 75x120 S E-19th St., Oakland. One-story 5-room dwelling.
Owner—Mosswood Realty Co., 314 40th st., Oakland.
Architect—None. $3000

STORE BLDG.
(613) E THIRTY-FIFTH AVE 60 ft. S Galindo, Oakland. One-story store
Owner—Geneivene Richards, 2068 35th Ave., Oakland.
Architect—None.
Contractor — H. Hendricks, 2064 35th Ave., Oakland. $1400

APARTMENTS
(614) NE COR WELDON AND Walker, Oakland. 3-story 24 room (6) apartments.
Owner—H. W. Haler, 559 16th St., Oakland.
Architect—None. $20000

DWELLING
(615) LOTS 2 and 3 BLOCK 17, Thousand Oaks Tract, Berkeley. Two-story 6-room dwelling.
Owner—A. R. M. Blackhall, Berkeley.
Architect—None.
Contractor—J. Harry Smith, Berkeley.
Filed Feb. 5, 1924. Dated Jan. 27, 1924
Bills to be paid as presented up to $6000, balance 35 days after completed and accepted.
TOTAL COST, $7000
Bond, Sureties. Forfeit. none; Limit 75 days; Plans and Specifications filed.

FACTORY BLDG.
(616) BOUNDED BY POWELL LANdrega and Peledeau Sts., Emeryville. General work 3-story reinforced concrete factory and 1-story steel bldg. except excavations, foundations.
Owner—Westinghouse Electric & Mfg. Co., premises.
Architect—Bernard H. Prack, 62nd and Green Sts., Emeryville.
Contractor—W. S. Dinwiddie, (Dinwiddie Const. Co.), Crocker Bldg, San Francisco.
Filed Feb. 5, 1924. Dated Jan. 7, 1924.
Tenth day each month 85%
Usual 35 days 15%
TOTAL COST, $230,000
Bond $230,000; Sureties, National Surety Co.; Forfeit. none; Limit, 110 days; Plans and Specifications filed.

(617) EXCAVATING AND FOUNDATION on above.
Contractor—W. S Dinwiddie (Dinwiddie Const. Co.), Crocker Bldg., San Francisco.
Filed Feb. 5, 1924. Dated Jan. 7. 1924.
Payments same as above.
TOTAL COST, $4500
Bond, Sureties, Forfeit, none; Limit, 110 days; Plans and Specifications filed

(618) PLUMBING ON ABOVE.
Contractor—Herman Lawson and Clarence Drucker (Lawson & Drucker) 450 Hayes St., San Francisco.
Filed Feb. 5, 1924. Dated Jan. 7, 1924.
Payments same as above.
TOTAL COST, $11,750
Bond $11,750; Sureties, National Surety Co.; Forfeit, none; Limit, as soon as possible; Plans and Specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Amount
Jan. 31, 1924—LOTS 10 and 11 in Blk. 19 m / of San Antonio of Alameda Co. J. F. Chambers to L. A. Peters .....Jan. 26, 1924.

Jan. 31, 1924—LOT 42 portion of Lot 41 & 43 map of Fruitvale Cottage Home Tract, Brooklyn Township. Alice Swasey to L. A. Peters .....Jan. 26, 1924.

Jan. 31, 1924—WEST SIDE of Shattuck Ave. from Carlton to Parker St., Berkeley. John W. Marcus to Chas. W. Knight .....Jan. 28, 1924.

Jan. —, 1924—LOT NO 6 In Blk. C San Luis Court, Oakland. Mabel M. Bramlage to E. D. Bramlage.....Jan. 31, 1924.

Jan. 31, 1924—WEST SIDE OF SHATtuck Ave. from Parker St. to Carlton St., Berkeley. John W. Hareus to W. P. Fuller & Co ..Jan. 28, 1924.

Jan. 30, 1924 — U. OF C. GROUNDS, Berkeley. The Regent of the University of California to MacRorl-McLaren Co. ... .Dec 31, 1923.

Jan. 30, 1024—LOt 94 Map Greater Oakland Co. Tract No. 1, known as 7200 Weld St., Oakland. Hans Johnson to whom it may concern.....Jan. 29, 1924.

Jan. 30, 1924—EMERYVILLE, (Paraffin station). Southern Pacific Co. to Hutchinson Co.....Jan. 25, 1924.

Jan. 30, 1924—LOT 175 Map of the Santa Fe Tract No. 20, Oakland. J. J. Hauri to whom it may concern .....Jan 30, 1924.

Jan. 30, 1924—LOT 9 Blk. 14 Map Warner Tract, Brooklyn Township, Alameda Co. Mary S. Myers to whom it may concern ..Jan. 28, 1924.

Jan. 30, 1924—LOT 3 Blk. 3 Map Buena Peralta Park, Berkeley. Jessie E. Goyette to P. H. Franks.....Jan. 23, 1924.

Jan. 30, 1924 — BROADWAY AND Twelfth, Oakland. The Oakland Bank to San Francisco Compressed Air Cleaning Co.....Jan. 25, 1924.

Jan 30, 1924 — BROADWAY AND Twelfth, Oakland. The Oakland Bank to A. H. Piefer and J. Meyer .....Jan. 25, 1924.

Feb. 2, 1924—LOT 7 BLOCK 6 MELrose Hgts., Oakland. E. W. Thielsen and Dollie Thielsen to A. C. Sharp .....Jan. 31, 1924

Feb. 1, 1924—S CLEVELAND AVE 140 ft. W Athol Ave. M. F. Coughlin to L. M. Baird.....Jan. 31, 1924

Feb. 1, 1924—LOT 6 BLK 5, FOURTH Ave. Terrace, Oakland. E. J. Becker and Edna W. Becker to J. F. Perry .....Jan. 20, 1924

Feb. 1, 1924—LOTS 24 & E ½ 25 Block 16 Regent Park, Albany. Mrs. Hazel McDuffie to C. W. Doyle .....Jan. 27, 1924

Feb. 1, 1924—LOT 5 BLOCK E Northbrae Terrace, Berkeley. Emma Dightman to John O. Weston.....Jan. 28, 1924

Feb. 1, '24—1651 SEVENTY-FOURTH Ave., Oakland. H. J. Merrick to A. Jensen .....Jan. 30, 1924

Jan. 31, 1924—2851 MORCOM AVE. Mrs. Ida May Morley to Walter B. Dickie .....Jan. 31, 1924

Concern .....Feb. 1, 1924.

Feb 2, 1924—S AVENAL AVE 45 W Sixty-third Ave W 40xS 90, Oakland. A E Woldman to whom it may concern.....Jan. 30, 1924

Feb. 2, 1924—JTN PLOT 11, Map Indian Glen, Oakland and Piedmont. Louise Jordan to Howard S Pratt.....Dec. 1, 1923

Feb 2, 1924—LOTS 20 AND 19 BLK 3, S Victoria Ave., Oakland. G R Blasingame to whom it may concern.....Feb. 2, 1924

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Feb. 2, 1924—W TWENTY-THIRD Ave and S Boehmer S 150 W 250 N 150 E 250 to pt beg, Oakland. Jos A Kaelin to H J Christensen.....Jan. 22, 1924

Feb. 2, 1924—LOTS 1, 2, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 Blk J. Klinkerville Tract, Oakland. Standard Underground Cable Co to Herrick Iron Works; Raphael Zellnsky; Turner Co; Dinwiddie Constr Co; Mallott & Peterson and Scott Co..Jan. 31, 1924

Feb. 1, 1924—LOT 10 Lake Knoll, Oakland. E P Bornemann to C W Short.....Feb. 1, 1924

Feb. 4, 1924—W SHATTUCK AVE. from Parker St. to Carlton St., Berkeley. John W. Havens by James W. Plachek to F. E. Newbery Electric Co.....Feb. 1, 1924.

Feb. 4, 1924—LOT 9 BLK F Hopkins Terrace, Map No. 3. H. H. Gastman to whom it may concern..Feb. 2, 1924

Feb. 4, 1924—LOT 16 BLK 1 Berkeley Square, Berkeley. H. H. Gastman to whom it may concern....Feb. 2, 1924.

Feb. 4, 1924—LOT 9 RESUBDIVISION Hillside Terrace, Oakland. H. H. Gastman to whom it may concern .....Feb. 2, 1924.

Feb. 4, 1924—1551 NINETH AVE. G. H. Vollmer to Chas. W. Falk.....Jan. 28, 1924.

Feb. 4, 1924—LOT 225 AND NE ½ Lot 226, Maps of E. B. and A. L. Stone Co.'s Lots, Elmhurst, Oakland. Joe. C. Bettencourt to whom

Feb. 4, 1924—S SIDE HOPKINS ST. 190 ft. E 38th Ave., 4017 Hopkins St. Julius Bruce to Oakley & Kolmodin .....Feb. 4 1924

Feb. 4, 1924—W SHATTUCK AVE. from Parker to Carlton St., Berkeley. John W. Havens by James W. Plachek to Steven Philip.Feb. 1, 1924

Feb. 4, 1924—W SHATTUCK AVE. from Parker to Carlton St., Berkeley. John W. Havens by James W. Plachek to Pacific Metal Products Co. .....Feb. 1, 1924.

Feb. 4, 1924—LOT 95 and NE 12 ft 6 in. Lot 94, map of B. & A. L. Stone Co.'s lots, Elmhurst, Oakland. Joe. C. Bettencourt to whom it may concern .....Feb. 1, 1924.

Feb. 4, 1924—LOT 2, BLK 2 Northlands Tract No. 1, Berkeley, Cal. 1904. C. R. Madison to whom it may concern .....Feb. 1, 1924.

Feb. 4, 1924—NE COR. 38th Ave. and Nevil St. Lot 35x100. H. V. Clarke to Andrews & Hagen....Jan. 28, 1924.

Feb. 4, 1924—SW COR. 40th Ave. and Mera St., Oakland. —— to T. P. Sanders .....Oct. 1, 1923.

Feb. 4, 1924 — E SIDE SEVENTY-second Ave. 200 ft. N Hamilton St., Oakland. Fred Buzzell to whom it may concern.....Feb. 1, 1924.

Feb. 4, 1924—7833 HOLLY ST., Oakland. Hazel Pruett to whom it may concern .....Feb. 1, 1924.

Feb. 4, 1924—N MARIN AVE 160 FT W Circle, Berkeley. Amelia Gallaher to Carl U. Zeill.....Feb. 4, 1924

Feb. 4, 1924—3217 HYDE ST, OAKland. Jas. D. Fennelly to whom it may concern .....Feb. 4, 1924

Feb. 4, 1924—1036 NINETY-EIGHTH Ave., Oakland. E. J. Elliott to Geo. E. Nickerson.....Feb. 4, 1924

Feb. 4, 1924—1040 NINETY-EIGHTH Ave., Oakland. E. J. Elliott to Geo. E. Nickerson .....Feb. 4, 1924

Feb. 4, 1924—1032 NINETY-EIGHTH Ave., Oakland. E. J. Elliott to Geo. E. Nickerson.....Feb. 4, 1924

Feb. 4, 1924—1528 TO 1534 DELAware St., Berkeley. Roy Crowell to John P. Brennan....Jan. 31, 1924

Feb. 5, 1924—LOT 6 BLK D ALAmeda Station Homestead Tract Alameda. Wm. A. Bootsma to A. H. Rose .....Jan. 31, 1924

Feb. 5, 1924—LOT 5 BLK 16 RESUBdivision Broadmoor, San Leandro. Cummins & White to Oakland Home Builders Co., Inc...Feb. 5, 1924

Feb. 5, 1924—W SHATTUCK AVE from Parker to Carlton Sts., Berkeley. John W. Havens by Jas W Plachek to Barrett & Hilp.Feb. 5, '24

Feb. 5, 1924—1855 THOUSAND OAKS Blvd., Berkeley. Talcott Seaver to J. Harry Smith.....Jan. 29, 1924

Feb. 5, 1924—661 COLUSA, Berkeley. C. H. Webber to J. Harry Smith .....Jan. 29, 1924

Feb. 5, 1924—PORT LOT 9 BLK H Latham Terrace, Oakland. J. T. & Rita E. Brusstar to T. E. Stanley .....Feb. 5, 1924

Feb. 5, 1924 — LOT 28 MAP FOOTHill Park, Oakland. D. W. Parks to whom it may concern ..Feb. 5, 1924
Feb. 5, 1924—LOT 7 & PORT LOTS 8 and 9 Revised Subdivision Lot 15 Blk G Piedmont Park, Piedmont. Frank M. Steers to M. E. Hopper & Son .....Jan. 27, 1924
Feb. 5, 1924—531 SAN FERNANDO Ave., Berkeley. W. G. Appleton to whom it may concern....Feb. 1, 1924
Feb. 6, 1924—W 55 LOT 1 BLK P Map 4th Ave. Terrace, Oakland. Clarence K. Nickols to whom it may concern .....Feb. 6, 1924
Feb. 6, 1924—NW COR. FORTYsixth and Market Sts., Oakland. J. M. Parodi to J. A. McCord .....Feb. 6, 1924.
Feb. 6, 1924—S 10 FT. LOT 16 and N 25 ft. Lot 15 Blk 8 Map Northbrae Sta., Tract, Berkeley. John C. Murdock to whom it may concern .....Feb. 5, 1924
Feb. 6, 1924—S 12.60 LOT 9 and N 25.20 Lot 13, Blk 4 Map Spaulding Tract, Berkeley. Harold F. Hughes to whom it may concern.. ..... Feb. 4, 1924.
Feb. 6, 1924—LOTS 28 and 29, Blk H Ivywood Tract, Oakland. Ashley Smith to whom it may concern.. .....Feb. 6, 1924
Feb. 6, 1924—1—ENCINAL AVE. 8th St. to High. 2—Lincoln Ave., 5th St. to Foley, Alameda S. P. Co. to Hutchinson Co. ....Jan. 30, 1924.
Feb. 6, 1924—BUENA VISTA AVE and Pacific Ave, near 8th St., Alameda. S. P. Co. to Hutchinson Co. ..... Jan. 30, 1924.
Feb. 6, 1924—E REGENT ST. 80 ft. N Chester St., N 40 ft E 120 ft., Alameda. Alfred T. Anderson to whom it may concern... Feb. 6, 1924
Feb. 6, 1924—FOOT CARLTON ST., Berkeley. S. P. Co. to Hutchinson Co. .....Feb. 1, 1924
Feb. 6, 1924—E BROADWAY 55 ft. N 12th St. N 45 ft. E 100 ft. The Oakland Bank to Morris Tyre & Herman Lipkin (Tyre Bros. Glass Co.) ..... Jan. 25, 1924.
Feb. 6, 1924—5726 FLEMING AVE., Oakland. C. E. Burks to whom it may concern .....Feb. 2, 1924.

LIENS FILED

ALAMEDA COUNTY

Recorded	Amount
Feb. 1, 1924—LOT A-8 BLOCK 11 Curtis Tract, Berkeley. H. Brown vs Araminta Stewart	$300
Feb. 1, 1924—LOTS 36 & 37 BLOCK 2 Havenscourt, Oakland. H. Aronson vs J. H. Martin, Russell Parsons	$152
Feb. 1, 1924—LOTS 10 & 20 MAP OF Fremont Tract, Oakland. Sunset Lmbr Co., Inc. vs John Knipe	$373.61
Feb. 2, 1924—LOT 20 MAP OF FREmont Tract, Oakland. Powell Bros. Inc. vs John Knipe	$77.70
Jan. 30, 1924—LOT 4 Blk. F Excelsior Heights. Standard Supply Co., vs. W. J. McFarlane and John N. Oliva	$174.55
Feb. 2, 1924—NO. 1606 EDITH ST., Berkeley. Eugene Ehret and W R vs Stock W P Lathrop and Mrs C S Burgbach	$339.25
Feb. 1, 1924—PTN LOTS 46 AND 47 Blk Cragmont, Berkeley. R D Fearey and C Moel vs H H Gastaman	$176.44
Feb. 1, 1924—PTN LOTS 46 AND 47 Blk 17, Cragmont, Berkeley. Henry Cowell Lime & Cement Co vs H H Gastaman	$389.70
Feb. 1, 1924—LOT 11 S 10 ft Lot 10 Blk G Sbdvn Blks E, F and G, Mary S Mortimer's Addn to Niles; Ptn Lot 12 Blk 12, Same Tract. Vieux Bros vs Chas Peterson and M S Fess	$1067.56
Feb. 4, 1924—NW THIRTY-FIFTH Ave. and Penniman Ave. S 100 W 74.21, Oakland. Strable Hardwood Co., vs. H. T. McCarter	$165.46
Feb. 6, 1924—LOT 3, BLK 7, Map of Hollywood Oakland and San Leandro. R. E. Neikirk vs. S. Victor Davidow	$748.89
Feb. 6, 1924—SW E. TWENTY-SEVenth St., 476.52 SE 13th Ave. SE 50 SW 140, Oakland. Duner-Matheny, Sash & Door Co., vs. E. J. McCord, W. A. Rusco, and Belle Rusco	$392.52
Feb. 6, 1924—197 A STREET, Hayward. E. L. Blackman Co. vs. John Doe Catola and A. R. Gonsalves	$147.64
Feb. 6, 1924—SE SAUNDERS AND Hays Sts., E 42 S 129, San Leandro. Duner-Matheny Sash & Door vs. E. J. McCord, Diego M. Maldonado and Anna M. Maldonado	$328.95
Feb. 6, 1924 — LOT 3 Map Dowling Place, San Leandro. H. L. Long (Long Point Co.), vs. E J. McCord, Glenn H. Schumaker and Delva S. Schumaker	$15.80
Feb. 6, 1924—NW SANTA ROSA ST. and Magdelena Ave. N 143-3 W 60 S143-3, San Leandro. H. L. Long (Long Paint Co.), vs. E. J. McCord, Allen McDonald and Anne McDonald	$88.64
Feb. 6, 1924—SE SAUNDERS AND Hays Sts., E 42 S 129 W 42 N 129, San Leandro H. L. Long (Long Paint Co.), vs. E. J. McCord, Diego M. Maldonado and Anna M. Maldonado	$84.67
Feb. 6, 1924—LOT 1 May Dowling Place, San Leandro. Duner-Matheny Sash & Door Co. vs. E. J. McCord, John W. Kenney and W. J. Kenney	$146.70

Notice of Non-Responsibility

ALAMEDA COUNTY

Feb. 5, 1924—LOT 3 and NE 12-6 of Lot 4 Blk 3, Map of Key Route Heights, Oakland. Alameda Investment Co., as to improvements on property .....

Oakland Building Summary

Oakland building operations for the month of January, 1924, according to figures issued by the Department of Public Health and Safety, T. W. Ryan, building inspector, follow:

Classification of Bldgs.	No. of Permits	Cost
1-st dwellings	296	$ 858,472
1-st 2-family dwellings	7	37,300
1-st 3-family dwellings	1	11,250
1-st dwelling & store	3	9,095
1½-story dwellings	3	12,950
2-st dwellings	6	33,700
-story flats	5	39,500
2-st flats & stores	2	18,500
2-story apartments	23	304,600
2-st apmnts & stores	2	28,000
1-story stores	6	30,500
1-story schools	1	13,000
1-story shop & mill	2	10,000
1-story clubhouse	1	800
1-story office	2	275
1-story warehouse	1	3,500
2-story shop	1	2,000
2-st stores& lodge bldg.	1	21,000
1-st tile dwelling	2	4,500
1-st tile service station	1	1,200
1-story tile garage	2	2,000
1-st tile addition	1	2,480
1-st brick boiler house	1	4,000
1-st brick garage	4	10,350
1-st brick stores	3	26,230
1-st brick addition	2	16,980
Brick incinerator	1	300
Brick bake oven	1	1,000
1-st brk & tile garage	4	34,259
1-st brk & tile wrhse	1	1,000
1-st brick & tile funeral parlor	1	8,500
1-st concrete dwlg	1	2,000
1-st concrete garage	7	3,250
1-st concrete addition	1	6,750
1 & 2-st conc garage	1	48,700
4-st concrete stores	1	103,000
2-st conc & tile stores and garage	1	3,800
1-st steel service stn	3	9,600
1-st steel comfort stn	2	500
1-st steel addition	1	13,000
1-st garages & sheds	279	60,324
Electric signs	40	12,097
Billboards	6	1,667
Additions	97	56,449
Alterations & repairs	156	150,697
Total	983	$2,019,166

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded	Amount
Feb. 1, 1924—S MARKET AND Seventh SW 75xSE 140. C H Hittenberger as to improvements on property	
Feb. 1, 1924—LOT 6 & SE 15 FT OF Lot 5 Blk 14 Breed & Bancroft subdivision of portion of North Alameda Tract. Yager Sheet Metal Works to A. Weber	$248
Feb. 1, 1924—LOT 11 BLK 19 MELrose Heights, Oakland. L. Hondlette et al to K. V. Rollins	
Feb. 5, 1924—NO. 1375 E-THIRTYeighth St., Oakland. Strable Hardwood Co. to Don Edwards & Fred Papworth	$135.84
Feb. 1, 1924—LOT 11 BLK 19, Melrose Heights, Oakland. Oakland Building Material Co. to D H Goodrich	
Feb. 1, 1924—LOT 11 BLK 19, Melrose Heights, Oakland. S de Guarda to K V Rollins	$408 75

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

DWELLING and garage, $6000; No. 248 Normal Ave. Fresno; owner, C. Sonnikson, 817 T St., Fresno.
DWELLING, $4290; No. 649 University Ave., Fresno; owner, Chas. Blackberger; contractor, Manuel Costa, 920 Summer St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded	Accepted
Jan. 30, 1924—TRANQUILLITY. Tranquillity nion High School District to whom it may concern	Jan. 12, '24
Jan. 30, 1924—LOTS 19 AND 20 BLK 1 Central Park Addition, Fresno. W B Watson and A F Lambert to whom it may concern	Jan. 30, 1924
Jan. 31, 1924—LOTS 7 AND 8 BLK 72 Fresno. Nellie C Short et al to F J Stone	Jan 31, 1924
Feb. 5, 1924—SW ¼ SEC 11, 14-20, Fresno. Anna Pearson to whom it may concern	Feb. 4, 1924
Feb. 5, 1924—LOTS 15 AND 16 BLK 74, Sierra Vista Add. No. 4, Fresno. H T Wallers to whom it may concern	Feb. 1, 1924
Feb. 5, 1924—LOTS 14, 15 AND 16 Blk 68, Fresno. S J L and P Co to whom it may concern	Feb. 2, 1924

LIENS FILED

FRESNO COUNTY

Recorded	Amount
Jan. 30, 1924—LOTS 1 AND 2 BLK 1, Fresno Home & School Addition, Fresno A R Eklund vs B G Townsend	$124
Jan. 31, 1924—LOTS 27 AND 28 BLK 8, Grand Avenue Park, Fresno. Routt Lumber Co vs Ellen Kelley	$195
Feb. 2, 1924—LOTS 16, 17 BLK 1, Kings Orange Manor Fresno. Routt Lumber Co. vs Mrs V R Thoman	$157
Feb. 2, 1924—LOTS 5, 6 BLK 8, Fresno. Maisler Bros. vs Geo. Karach and Andrew Antich	$241
Feb 2, 1924—PTN OF SW ¼ OF SEC 11, 14-20, Fresno. Fresno Roof & Paint Co vs Anna Pearson	$90
Feb. 2, 1924—LOTS 7, 8 AND 9 BLK 2, El Capitan Addition, Fresno. Fresno Roof & Paint Co vs R C Kennedy and A T Holman	$256
Feb. 2, 1924—LOTS 16 AND 17 BLK 1, Kings Orange Manor, Fresno. P E O'Hair vs V R Thoman	$185

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING, 1-story 6-room and garage, $3900; 316 24th, Sacramento; owner, H. Kimbrough, 506 I, Sacramento; contractor, Davis & Rugg, 3200 S., Sacramento.

PAINTING
SACRAMENTO. All work for painting Hotel Senator.
Owner—Hotel Senator Corp.
Architect—None.
Contractor—D. Zelinsky & Sons, 165 Grove St., San Francisco.
Filed Jan. 27, '24. Dated Jan. 16, '24.
Payments not given.....
TOTAL COST, $37,100
Bond, limit, forfeit, none. Specifications only filed.

BUILDING
S O ST., between Fourth and Fifth Sts., Sacramento. All work for building
Owner—Buddhist Church Assn.
Architect—None.
Contractor — Campbell Constr. Co., Nicolaus Bldg., Sacramento.
Filed Jan. 30, '24. Dated Jan. 30, '24.
TOTAL COST, $15,606
Bond, limit, forfeit, none. Plans and specifications, none.

STRUCTURAL WORK
LOT R, S, 4 AND 5, Sacramento. structural and architectural work for building.
Owner—T. Muramonto.
Architect—None.
Contractor—Chas. S. Mabrey Co., 2528 41st St., Sacramento.
Filed Jan. 31, '24. Dated Jan. 31, '24.
TOTAL COST, $27,281
Bond, limit, forfeit, plans and specifications, none.

DWELLING, 1-story 6-room and garage, $3900, 415 23rd, Sacramento; owner, H. Kimbrough, 506 I, Sacramento; contractor, Davis & Rugg.
DWELLING, 1-story 5-room and garage, $3600; 409 23rd, Sacramento; owner, H. Kimbrough; contractor, Davis & Rugg.
DWELLING, 1-story 5-room, and garage, $3600; 2325 D, Sacramento; owner, H. Kimbrough; contractor, Davis & Rugg.
DWELLING, 1-story 5-room, and garage, $3600; 2405 D, Sacramento; owner, H. Kimbrough; contractor, Davis & Rugg.
DWELLING, 1-story 5-room and garage; $3700; 417 23rd, Sacramento; owner, H. Kimbrough; contractor, Davis & Rugg.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

SCHOOL
ESCALON GRAMMAR SCHOOL DIST., Stockton. All work for completion of heating in Escalon Grammar School.
Owner—Escalon Grammar School Dist.
Architect—None.
Contractor—Thomas J. Kennedy, Martinez.
Filed Jan. 28, '24. Dated Jan. —, '24.
TOTAL COST, $4158
Bond, none. Limit, within 30 working days. Forfeit, none. Plans only filed.

RESIDENCE, $4500; No. 1202 W-Elm St., Stockton; owner, C. C. Anderson, 110 E-Worth St., Stockton.
BUILDING, $5600; No. 117 S-Center St, Stockton; owner, P. Nave.
RESIDENCE, $5000; No. 620 S-Tuxedo St., Stockton; owner, F. P. Dobson, 1045 Vernal Way, Stockton.
RESIDENCE, $5000; No. 620 S-Tuxedo St., Stockton; owner, F. P. Dobson, 1045 Vernal Way, Stockton.

BUILDING CONTRACTS

SANTA CLARA COUNTY

COTTAGE, five-room, $3000; St. Jamse near 16th St., San Jose; owner, J. G. Tedford, 751 E-St. James St., San Jose.
REMODEL, $1000; San Salvador near Fifth St., San Jose; owner, G. R. Worley, 277 E-San Salvador St., San Jose.
COTTAGE, four-room, $1000; Harliss near Willow St., San Jose; owner, Sam Zummo.
TEMPLE BLDG., $250,000; Third and St. James, San Jose; owner, Scottish Rite Masons, 148 N 3rd, San Jose; contractor, Carl Werner; Santa Fe Bldg., San Francisco; contractor, I. W. Coburn et al, 180 Jessie St., San Francisco.
COTTAGE, 5-room, $4800; Humboldt near 2nd, San Jose; owner, Carl Maurer, 241 Locust, San Jose.
ALTERATIONS, $3995; 94 S Twelfth, San Jose; owner, Mrs. H. P. Smith 99 S Twelfth, San Jose; contractor, Jorgensen & Thomy.
CLINIC & OFFICES, $11,640; 9th and San Fernando, San Jose; owner, Dr. M. W. Kapp, 197 S 13th St., San Jose; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, H. R. Sherman, 528 Chapman, San Jose.

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW
N 50 LOT 5 BLK 7, Burlingame Sub. No. 2. All work for stucco bungalow and garage.
Owner—George A. and Edna Laura Beveridge, 4308 Fulton St., S. F.
Architect—None.
Contractor—C. B. McClain, 720 Farrington St., Burlingame.
Filed Jan. 30, '24. Dated Jan. 14, '24.
Roof on ..... ¼
Plastered ..... ¼
Completed ..... ¼
sual 35 days..... ¼
TOTAL COST, $7200
Bond, limit, forfeit, none. Plans and specifications filed.

RESIDENCE
VONCOUVER AVE, Burlingame. All work for 2 res. and garage.
Owner—Frank G. & Evelyn Cuthbertson, 1332 De Soto Ave., Burlingame
Architect—J. E. Norberg & B. S. Hayne 604 Balboa Bldg., San Francisco.
Contractor—G. W. Williams Co.
Filed Feb. 1, 1924. Dated Jan. 21, 1924.
Roofed 25%
Plastered 25%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST, $14,870.50
Bond, Forfeit, none; Limit, 100 wk. days; Plans and specifications filed.

RESIDENCE
E BLK 4 BLGME TERRACE, Burlingame. All work for 1-story and basement frame residence.
Owner — G. W. Nicholson and Mary Nicholson.
Architect—None.
Contractor—I. M. Rench.
Filed Feb. 1, 1924. Dated Jan. 29, 1924.
Framed $1185
Brown coated 1185
Completed and accepted 1185
Usual 35 days 1185
TOTAL COST, $4740
Bond, Forfeit, none; Limit, 90 working days; Plans and specifications filed.

BUNGALOW
LOT 17 BLK 7, Easton Addition, Burlingame. All work for frame bungalow and garage.
Owner—George and Emily Boeddeken, 2267 24th Ave., San Francisco.
Architect—None.
Contractor—L H. Stevenson, 718 Occidental Ave., Burlingame.
Filed Feb. 4, '24. Dated Feb. 1, '24.
Frame up $1500
Brown coated 1500
Completed. 1000
sual 35 days..... 1500
TOTAL COST, $5500
Bond, none. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

DWELLING, $3500; No. 815 Highland Ave., San Mateo; owner, Bertha W. Darby; contractor, Fred Darby, San Mateo.
STORE, concrete, $50,000; Baldwin Ave., San Mateo; owner, Wisnom Lumber Co., 5th and R. R. Sts., San Mateo; contractor, S. A Wisnom, A and 2nd Sts., San Mateo.
DWELLING, $12,000; Lots 114, 115 and 119 Occidental Ave., San Mateo; owner, Robert T. Harper, 212 Mt. Diablo Ave., San Matto; contractor, Leadley & Wiseman, 207 2nd St., San Mateo.
BUNGALOW & garage, $4000; Ptn Lots K, L, M Blk 1, Ralston Ave., Burlingame; owner, D. Houle, 1224 Belevue Ave., Burlingame.
BUNGALOW and garage, $4000; Lot M Blk 1, Edgehill Drive, Burlingame; owner, D. Houle, 1224 Belevue Ave., Burlingame.
BUNGALOW and garage, $7000; Lot 19 Blk 27, Cabrillo Ave., Burlingame; owner, R. C. Sanguinetti, 1128 Cortez Ave, Burlingame; contractor, H. H. Putnam, 2508 Easton Drive, Burlingame.

BUILDING CONTRACTS

CONTRA COSTA COUNTY

STORES, one-story frame (5) $9400; SE 6th and Nevin Sts., Richmond; owner, N. Savin, 524 Nevin St., Richmond; architect, Jas. T. Narbett, 910 Macdonald Ave., Richmond; contractor, W. Snelgrove, 160 18th St., Richmond.
DWELLING, one-story tile, $4200; N Downer St., bet. 24th and 26th Sts., Richmond; owner, D. Barianl, 2411 Downer Ave., Richmond.

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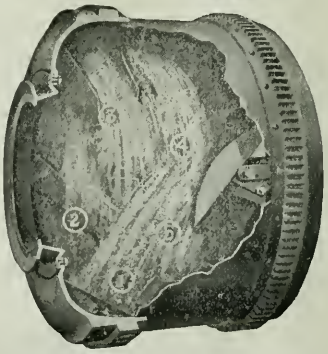
When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON RICKARD & McCONE
San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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$1,600,000 FLOOD CONTROL PROJECT PROPOSED AT STOCKTON

Chas. E. Ashburner, city manager of Stockton, in a report to the city council recommends a bond issue of $1,600,000 for flood control.

The erection of a dam with a flooded area of 3,200 acres at Valley Springs, on the Calaveras River, and of a protecting levee along the Farmington Road to keep out the waters of Little John Creek, are urged.

This is but the first of three steps recommended in the report. The second is the enlarging of the dam from 160 feet to 200 feet in height and of the flooded area to 4,470 acres, at a cost of $700,000.

The third step calls for the diverting of streams adjacent to the Calaveras watershed into the river. The first step will make possible the irrigation of 24,000 acres; the second of 50,000 acres, and the third of 150,000 acres. Creation of irrigation districts, he believes, will eventually wipe out the cost to the city of Stockton for flood protection.

The city of Stockton has filed on the waters of the Calaveras River for the purpose of building a dam, but no work has been started on the project.

Stockton has three times voted against flood control plans involving from $1,300,000 to $1,500,000. These systems contemplated largely protecting levees. Ashburner's plan is to go to the sources and impound the water. This, he states, will change a menace into an asset to the community."

DEVELOPMENT IN FIRE RETARDENT MATERIALS REPORTED

Progress in the development of fireproof and fire-resistant building materials during 1923 is reviewed in the annual report of Underwriters Laboratories, Chicago.

"About 100 new accounts have been recorded in the retardent group during the year just closing, together with the usual contingent volume of work on revisions of listed construction," says the report.

"In the roof covering field one of the items of interest is a trend toward development of roof coverings of the higher classes by listed makers who have heretofore been content to feature the lower classes, as is also a marked tendency on the part of label service subscribers to increase their percentage of labeled output. Very considerable study has been given during the year to improvement of the form of our standard for Class C roof coverings, and a new draft of this standard will shortly be ready for issuance.

"Safe testing has been perhaps the most active branch of our work, the testing of samples taken from the premises of users in the field having now attained very considerable volume.

"Fire window and door testing has been largely of a routine character, though in normal volume. There is continued evidence of demand for heavy gauge metal windows which it is confidently believed will prove sufficiently superior in durability to the older types to warrant their slight additional cost.

"Efforts in the direction of reduction of the hazards of motion picture films are apparent in applications received for listing of film storage receptacles and projection room shutters. Among other novelties investigated during the year may be mentioned a portable furniture storage room of metal construction for use in connection with novel system of furniture handling and storage."

SCHOOL OF ENGINEERING OPENS SAN FRANCISCO BRANCH

The Extension Division of the School of Engineering of Milwaukee has opened quarters in Room 644 New Call Bldg., San Francisco. The division is in charge of Mr. Ray B. Tillery.

The Pacific Coast Extension Division of the School of Engineering of Milwaukee is the largest institution of its kind in America. The purpose of the division is to reach but one object—electricity, according to Mr. Tillery, who declares the school has become associated with the big power companies and electrical manufacturers for the purpose of keeping the students electrically employed while studying. It is found, Mr. Tillery says, that the best type of electrical engineers can be turned out by allowing them to experience while studying theory. School classes are held only at night.

The school maintains a Personnel Department for the satisfaction of both employer and employee. Tuition is largely paid from the school's foundation which permits a remarkable course including personal instruction and laboratory experience for the sum of $10 a month until a total of $161.50 is paid, such payment being in full for a life scholarship.

1923 HAS RECORD LUMBER PRODUCTION

All previous records for cuts and shipments of lumber were broken in 1923 by the Western Pine Manufacturers' Association, according to the annual report of the association, just made public by A. W. Cooper, secretary-treasurer.

During the year a total of 1,717,420,750 feet were cut and 1,523,828,468 feet were shipped. The next highest record was made in 1920, when 1,46,713,854 feet were cut and 1,540,694,620 feet were shipped.

The bulk of the shipments went to the Atlantic states, Minnesota, Iowa and Illinois. Much of the lumber also went to Montana, Wisconsin, Michigan and Nebraska. Both cut and shipments have increased nearly one billion feet since 1910, the report shows.

New records for yearly shipments were established in Idaho, Washington, Michigan, Ohio and the Atlantic coast states, Mr. Cooper states. Michigan has shown a very rapid increase since 1916, the Atlantic coast states surpassed 1922 by but 9,000,000 feet, but surpassed the comparatively very high year of 1920 by 100,000,000 feet.

A total of 3,241,562 feet were exported during the year, the report shows. This is nearly 1,000,000 feet over the previous year.

GIVE CALIFORNIA BUILDING COST FIGURES

A compilation of the present average building costs in Southern California has just been completed by the valuation committee of the local chapter of the Associated General Contractors of America. The information will be used by the county assessor as an aid in determining the correct valuation of buildings and will doubtless be sure of use to banking institutions' mortgage and loan departments in the appraisal of buildings. The following report was made:

Class A Steel frame buildings—Cost per cubic foot; Office buildings, 53 cents; hotels, 58 cents; lofts, 28 cents; warehouses, 25 cents.

Class A reinforced concrete buildings—Cost per cubic foot; Office buildings, 50 cents; hotels, 55 cents; lofts, 25 cents; warehouses, 20 cents.

Class C brick buildings—Cost per cubic foot; Stores or theatres on ground, rooms, apartments, etc., above 33 cents; apartments, 38 cents; lofts, 20 cents; warehouses, 15 cents. One-story garages, per square foot, $1.75; one-story stores, per square foot, $2.25.

Frame buildings—Cost per square foot; California houses, good, $3; medium, $2.50; cheap, $1.75. Bungalows, special $5 to $6; good, $3.60; medium, $3; cheap, $2.50. Bungalows, out of town (no restrictions), good, $3.75; medium, $2.75; cheap, $2. Residences, two-story, good, $6 to $8; medium, $4.50; cheap, $3. Out-buildings, good, $2 to $2.50; medium, $1.70; cheap, $1. Corrugated iron buildings, all kinds, approximately, $1.

The valuation committee is composed of J. C. Bannister, P. M. Jones, and Paul B. Davidson.

June 2nd to the 7th are the dates set for the annual industrial exposition to be held in Vallejo. The exposition is held under the auspices of the Vallejo Chamber of Commerce.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

California's labor situation continues good, the lack of call for farm and ranch workers, because of the scarcity of rain, being offset through increased activity by public utility corporations and highway work, according to the monthly report of the United States Department of Labor employment service. Building activity shows little or no abatement, the report says; the iron and steel industry shows slight improvement, as do the railroad repair shops. Southern oil fields are reducing forces with natural reflection on other trades engaged in the manufacture of equipment and supplies. Additions to public utility corporations, calling for large construction programs, are expected to afford considerable employment to all classes of labor, while five state highway contracts, totaling $1,300,000, have been awarded and work is scheduled to begin within the next few weeks.

The City and County of San Francisco has filed application with the San Mateo county supervisors for permission to establish a tubercular hospital in the hills between San Carlos and Belmont. It is proposed, according to Dr. Wm. C. Hassler, San Francisco Health Officer, to erect buildings with accommodations for between 200 and 300 patients. The ultimate expenditure in the project would be $500,000.

Judgment of $16,400, covering an alleged unpaid promissory note, has been given by Superior Judge A. B. McKenzie of Contra Costa County, in favor of M. I. Diggs, Oakland architect, against B. G. Ensign, former Concord banker. The note, executed for $15,000, was unsecured

During the month of January, 1924, 121 lumber carriers entered the port of Los Angeles, 99 bringing in fir and 22 redwood. The capacity of the fir boats was 128,975,000 ft. and the redwood 19,620,000 ft.; total, 148,595,000 ft., as compared with 145 cargoes and 162,220,000 ft. capacity for January, 1923.

According to word from New York, counsel for the minority of stockholders of the Cambrai Steel Company have filed suit in the federal court asking that the sale of that company to the Bethlehem Steel Corporation last March be set aside, a receiver appointed, and an accounting ordered.

Palo Alto building permits for January, 1924, totaled $74,115 as compared with $100,600 for the same period in 1923. During the past month 41 permits were issued. In 1923 the number of permits totaled 32.

Seattle, Wash., building activities in January 1924, totaled $3,341,435 as compared with $1,945,968 in January, 1923, and $1,806,200 in January, 1922.

Weaver Roof Co. of Los Angeles, announces the removal of its warehouse and general offices to larger quarters at 2440 E-8th St., Los Angeles.

According to word from Seattle, Wash., 75 per cent of the shingle mills on Puget Sound have been closed down.

According to the bulletin of building material prices as published by the department of Commerce, division of building and housing of bureau of standards, the average price of common brick in 40 of the principal cities of the United States is $18.55 per M. delivered to the job, as of June 1. Portland, Ore., brick manufacturers quote the average price of common brick delivered to the job in Portland at $18 per M. or 3 per cent below the average price over the entire country.

United States Civil Service Commission, Washington, D. C., announces applications for examination will be received up to and including March 11 for the position of agricultural engineer, a position paying from $3000 to $4500 a year. Further information is obtainable from the offices of the Civil Service Commission in the Post Offices at San Francisco and Seattle. Apply for Form 1312 stating the title of the examination desired.

Certified Elevator Inspectors of the State of California have called their annual convention to be held in San Francisco, on the 20th and 21st of February, in the blue room of the Hotel Whitcomb. Many interesting discussions and talks on all phases of construction and operation of elevators will be on the entertaining and instructive program which the committee has arranged.

Governor Richardson's budget does not govern expenditures for permanent improvements at the Sonoma State Home and the institution is entitled to spend $23,000 for additional heating facilities regardless of the fact no provision for this disbursement is made in the "economy" document, according to a ruling handed to W. D. Wagner, State director of institutions by Attorney General U. S. Webb.

Discovery of a new dry kiln process for seasoning lumber was announced at a recent meeting of the Western Pine Manufacturers' Association in Spokane, Wash., by Albert Hermann of Portland, Ore., who declared the process would effect a saving of approximately 20 per cent in the cost of drying lumber.

Lumber standards recommended by the United States Department of Commerce adopted by the Western Pine Manufacturers' Association and plans made, through the medium of the advertising committee of the association, to secure the co-operation of retailers and contractors toward universal adoption of the standards.

With every indication that building activities in the Pacific Northwest will continue, skilled labor is beginning to show signs of restlessness and informal notice has been given that certain crafts will demand wage increases ranging from $1 to $2 a day, to be effective next spring.

Offices of the Old Mission Cement Company, now located in the Mills Bldg., are being moved to new and larger quarters in the recently completed Standard Oil Building at Bush and Sansome streets, San Francisco.

ALONG THE LINE

A. Emory Wishon, general manager of the San Joaquin Light & Power Corporation, left Feb. 13, for a business trip to New York. He will be away three weeks, during which he will visit the General Electric Company's plant at Schenectady and the Westinghouse Company factory at Pittsburgh. Mrs. Wishon will accompany the power company executive. During their return trip they will visit with friends in Rolla, Missouri. Wishon attended the Missouri School of Mines and is president of the college alumni association.

F. G. Tegtmeier, former engineer for Snohomish county, Wash., and past president of the Washington State Association of County Engineers, announces his association with the Puget Sound and Alaska Powder Company of Seattle. For the last 15 years Tegtmeier has been engaged in general engineering and construction work at Everett, Wash., where he will maintain his headquarters.

Atchison, Topeka and Santa Fe Railroad has appropriated $81,150,000 to finance purchase of equipment and improvements on its lines during 1924. More than 100 miles of second track will be constructed at a cost of $6,250,000. New equipment will cost approximately $22,000,000.

J. O. Wanzer, city manager of Marysville, has resigned. The resignation was submitted following the reorganization of the city council, three members of which were known to be in favor of abolishing the office of city manager.

William Young, city engineer of Fallon, Nevada, has tendered his resignation, effective March 1, to accept a position with Dodge Brothers, highway contractors, operating extensively in Nevada state.

Howe & Peters, San Francisco consulting engineers, have been commissioned by the Petaluma city council to make a survey for a new sewer system for Petaluma.

City of Orland contemplates voting bonds to finance purchase of the electric plant of the Pacific Gas & Electric Company and to operate same as a municipal project.

W. W. Giddings, Modesto banker, has been appointed chief of the State Land Settlement Board, to succeed Dr. Elwood Mead of Berkeley, who resigned.

J. H. Burnett, president of the Burnett Iron Works of Fresno, will be a candidate for the office of supervisor of Fresno county, at the next election.

Theodore J. Dorsch, 283 Minna street, San Francisco, heads a company which has leased lands on the western waterfront of Oakland and plans to establish a sulphur mill.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

NNUAL ARCHITECTURAL EXHIBIT OPENED IN SOUTH

The annual architectural exhibit nder the auspices of Southern Califor-ia Chapter, American Institute of Ar-hitects, opened at the Museum of istory, Science and Art, in Exposition ark, Los Angeles, Feb. 7. The exhibit ill continue about a month and will e open during the regular museum ours, 10 A. M. to 4 P. M. week days, xcept Wednesday, on which day the useum is closed, and Sundays from 1 o 5 P. M.

The major part of the subjects are hotographs of single dwellings re-ently built in the west. With the rowth in residential building, it is as-ured that such a popular presentation ill not only be received favorably by he visitors, but will also result in a timulus to finer architectural design n home building.

The members of the Southern Cali-ornia Chapter of the Institute have ontributed generously to the collec-on, in which is found a great variety f architectural types, as well as ouses of various sizes and for various ses. Combined with the work of Los ngeles architects will be found ex-ibits from other Chapters in the west. he Utah Chapter of the American In-titute of Architects has taken ad-antage of the exhibition and has sent number of photographs which may e compared with interest to the south-rn California work. The Oregon hapter will also make contributions rom the Northwest. These types of ouses will be found to be quite dif-erent in general style and design, wing to the great variance of climatic onditions. Denver, through its Colo-ado Chapter, Seattle through the Vashington State Chapter, and San 'rancisco will add their quota, making he showing representative of all the istricts of the West.

At the expiration of the exhibition in os Angeles the collection will be sent o other cities, including San Francisco, an Diego, Santa Barbara, Salt Lake ity, Denver, Seattle and Portland.

CONTRACTORS ELECT

J. M. Dugan, senior member of Dugan & Chrisman, general contractors, Portland and Seattle, was elected president of the Pacific Northwest Branch of the Associated Contractors of America at the fifth annual conven-ion of that body held at Spokane, Feb-uary 1 and 2. Other officers chosen or the ensuing year are: H. W. Mor-ison, Boise, Idaho; Arthur Gerbel, Seattle, and G. A. Carlson, vice presi-ents, and E. T. Johnson, Portland, reasurer.

Resolutions were passed express-ng the thanks of the convention to . M. Clifton, retiring president, W. . Winston, Frederick L. Cranford and Mr. Baum of Salt Lake City for their presence. Resolutions were also passed ouching on the day labor question; pproving the policy of letting recla-nation work by contract; assessing $2.50 quarterly dues for the Northwest branch and a resolution thanking the Spokane chapter for the entertainment provided.

OAKLAND BUILDERS' EXCHANGE APPOINTS COMMITTEES

E. M. Tilden, president of the Oak-land Builders' Exchange, announces the appointment of the following com-mittees to serve during the current year.

Executive Committee: S. D. North, G. Walter Spencer, E. M. Tilden, chair-man, T. D. Sexton and George G. Jamieson.

Arbitration Committee. Herbert Beckwith, chairman, J. H. Pedgrift, Harry McManus.

House Committee: T. D. Sexton, chairman, S. D. North, E. B. Stoddard.

Membership Committee: F. E. Nel-son, chairman, Harry McManus, L. C. Fraser.

Finance Committee: W. J. Rigney, chairman, H. D. Jones, L. C. Fraser.

Constitution and By-laws: H. D. Jones, chairman; Herbert Beckwith, Burton Brace.

Publicity Committee: H. D. Jones, chairman; Walter Spencer, T. D. Sexton.

Legislative Committee: L. C. Fraser, chairman; Harry McManus and Burton Brace.

Announcement is made that with the first spadeful of dirt on the new home of the exchange, yet to be turned, the second and third floors have already been leased and there is every prospect that the entire building will be com-pletely leased before construction is completed. The new structure will be located on what will be the southwest corner of Hobart and Webster streets when the opening of the former street has been accomplished.

TWO-STATE BRICK ASSOCIATION IS ORGANIZED

The Common Brick Manufacturers' Association, whose general policy it is to establish regional local associa-tions, announces that organization of the Pacific Northwest Brick Manufac-turers' Association has been completed as a result of efforts of Ralph P. Stod-dard, who is now on the Pacific Coast. Mr. Stoddard was assisted by Lee Col-lins of the Los Angeles Brick Company, who is a director of the parent asso-ciation, and who accompanied Mr. Stoddard on his trip north.

The new association is composed of brick manufacturers of Oregon and Washington and is organized on prac-tically the same basis as the California association. It starts out with twenty-five members. Officials are: H. R. Krietzer, Portland, president; Peter Erickson, Mead, Washington, W. E. Wilson, Salem, Oregon, and S. J. Sain-don, Chehalis, Washington, vice president; Frank T. Houlahan, Seattle, secretary-treasurer, and S. Geijsbeck, assistant to the president. A secretary-manager is to be hired at once and an advertising campaign started.

Great enthusiasm was displayed at the organization meetings and it is believed that the new association will be a great success and one that will be helpful to the common brick industry in the Pacific Coast section.

City of Eureka has called election for March 7 to vote bonds of $450,000 to finance construction of a junior high school building.

SACRAMENTO'S BIG YEAR

A $10,000,000 building program for this year and the year following is virtually asured Sacramento, accord-ing to a report just issued by the Master Builders' Association of Sacra-mento.

The program includes only the major building projects and does not take into consideration home construction. Seventeen of the larger building pro-jects being planned are outlined, in-cluding the new civic auditorium, the southern Pacific depot, and the Cali-fornia Packing Corporation's building.

"This large work," says the report, "can be taken as evidence of the gen-eral trend of building in Sacramento. When the large work increases, house work and small commercial work also increases."

Besides Sacramento's huge building program, that part of Northern Cali-fornia immediately surrounding the Capital City also is preparing for a big building boom. While the known amount of planned expenditures on building projects in this section of the state is $9,299,000 for major buildings, the Master Builders' Association, in its report, points out that many planned buildings have not had definite construction costs placed upon them.

SANTA CLARA COUNTY BUILDERS TO BANQUET

The thirty-third annual banquet of the Builders' Exchange of Santa Clara County will be held Saturday evening, Feb. 23, at Hotel Vendome, San Jose. Dinner will be served promptly at 7:00 o'clock to provide the social committee ample time for entertainment.

"The Santa Clara County Builders' Exchange has had a long and bitter struggle to put the American Plan over, but at last things are working in good shape," says L. N. Cobbledick, a member of the Entertainment Com-mittee arranging the annual banquet.

"We seek the co-operation of the San Francisco and Bay County exchanges by their delegating members to attend the banquet, thus lending their moral support to the Santa Clara county builders."

Tickets for the banquet may be ob-tained from W. R. Cobbledick on the floor of the San Jose Exchange or from the offices of the Cobbledick-Kibbe Glass Company, 666 Howard St., San Francisco.

PLASTERERS OF COAST TO CON-VENE IN LOS ANGELES

Alameda county will be strongly rep-resented at the Coast convention of the plasterers, to be held in Los Angeles, February 25 and 26, according to William F. Bruer, secretary-manager of the Master Plasterers' Association of Alameda County. A delegation of at least fifteen men, headed by T. D. Sex-ton, president of the Alameda organiza-tion, and Bruer will make the trip.

Advance sheets indicate that a num-ber of Oaklanders are on the program, and that the plasterers from all sec-tions of the Coast are interested in learning how eastbay plasterers have made their organization a success. During 1923 statistics show plaster leaped into the lead as an element in building construction. This is attribut-ed to the campaign of the Master Plasterers' Association to sell the idea of plaster as an exterior surface as well as an interior surface.

TRADE NOTES

Geo. M. Pearson and Kenneth Dickerson have formed a partnership under the firm name, Pearson & Dickerson, to engage in engineering contracting. The present address is P. O. Box 325, Riverside, Calif. Pearson was former county surveyor of Riverside county from the time it was formed until the resigned to take the position of chief engineer of the Riverside county highway commission in 1913. Dickerson was formerly assistant county engineer of Riverside county under A. C. Fulmor. The firm is carrying on the business formerly conducted under the name of George M Pearson.

Ruggles & McKee, consulting architects and structural engineers of Oakland, have been retained by the Hoyt Heater Company and the Marchant Foundry Company as consulting structural engineers for the new foundry plant to be erected at Tenth and High streets, Oakland. The Marchant Foundry will be the first unit of a large manufacturing plant to be erected on the property by the Hoyt Heater Company in the East Bay district.

Western offices of the Foundation Company, 58 Sutter St., San Francisco, will be moved to Los Angeles where the company has contracts to erect the Standard Oil Building and a large warehouse for the Southern California Gas Company. Wm. M. Steele is vice-president and general manager of the company for western states.

Basalt Rock Co., Inc., is constructing one of the largest crushed rock producing plants on the Pacific Coast. The plant is located in the vicinity of the Napa State Hospital and will be shipping its product to every section of the state about June of this year.

J. S. DEAN IS APPOINTED CITY ARCHITECT AT SACRAMENTO

J. S. Dean of the architectural firm of Dean & Dean of Sacramento has been appointed city architect of Sacramento at a salary of $500 a month and will immediately commence the preparation of plans and specifications for the proposed municipal auditorium for which bonds of $750,000 were recently voted. The appointment was made by the Sacramento city commissioners on the recommendation of City Manager H. C. Bottorff.

G. Albert Lansburgh, San Francisco architect, will act as "Collaborator" on the municipal auditorium project and will receive a flat sum of $10,000, to be paid in installments of $833.33 per month.

Arthur Brown Jr., a member of the architectural firm of Bakewell & Brown of San Francisco, will act as an assistant, receiving a flat sum of $2000, payable in monthly installments.

Architects Lansburgh & Brown will work under the supervision of Architect Dean and will be assisted by Geo. J. Calder, at present in the engineering department of the City of Sacramento.

Declaring that the cost for the architectural plans will be considerably less than the usual 6 per cent fee allowed to an architectural firm, City Manager H. C. Bottorff practically assured that there will be no national contest to determine the best auditorium plan.

"In arranging the personnel of the division," he told the city commission, "we have endeavored to secure the best available material possible. This organization of men under the Division of Architecture, we believe, will be able to prepare plans for an auditorium that will be a credit to Sacramento. It is our estimate that after providing funds for draftsmen, materials and supplies, etc., and the compensation for the above staff, that the city will be able to prepare plans and estimates for several thousand dollars less than the usual 6 per cent fee allowed for an architectural firm."

Delegates to Brick Convention Entertained by S. F. Interests

By JOE ODGERS

More than three hundred members of the National Association of Common Brick Manufacturers from every section of the United States were entertained by the San Francisco brick interests and the Hospitality Committee of the Chamber of Commerce on their arrival in San Francisco, Friday, February 8th, prior to leaving for Los Angeles where the annual convention of the association was held, February 11th to the 16th.

On Friday the delegates were taken to the Port Costa Brick Company's plant in Contra Costa County. After viewing the plant each delegate was presented with a clay product souvenir, a set of dice, manufactured in the plant. Following this entertainment and dancing were enjoyed. Festivities of the Port Costa Brick Company closed with a big barbecue.

The feature of Friday afternoon proved to be a trip on the river steamer Colusa which was dressed up as a brick ship" for the occasion. On board the steamer dancing, entertainment and luncheon were enjoyed and at the close of the trip each delegate was presented with a crate of brick, comprising raisins, prunes and almonds—all in the shape of a brick. The brick crates and contents were presented by Mr. Wm. P. Dwyer, president of the Sacramento Brick Company.

On leaving the steamer, the delegates were met by a second committee which escorted them to their hotels In the evening a banquet was held in the Palace Hotel. Speakers at the banquet included Col. Chas. E. Stanton, commissioner of the San Francisco Department of Public Works, originator of the salutation "Lafayette We Are Here;" Mrs. Mabel Johnson, director of the Hospitality Committee of the Chamber of Commerce; Chris Berg of the Port Costa Brick Company; W. Dennis of the McNear Brick Company; Mrs. Remillard of the Remillard Brick Company, and Ralph P. Stoddard, secretary-manager of the National Association. Following the banquet the delegates were taken on a trip through the Oriental quarter.

Saturday morning the delegates were taken on a thirty-mile scenic trip throughout the city viewing Golden Gate Park, the Presidio, the Ocean Beach, Twin Peaks and other points of interest. At the close of the trip the delegates were taken to the Southern Pacific Depot where they departed for Los Angeles.

Among those who attend the festivities of the local brickmen were:

Chicago, Ill.—F. L. Steinhoff and wife, E. A. Thomas and wife, C. H. Alsip and wife, Mr. Edward Heitbrink, Mrs L. Heitbrink, E. B. Felsenthall and wife, C. B. Obermeyer and wife, Gertrude Schine and daughter, W. C. Phister and wife, Miss Harriet and Dorothy Zow, Mr. and Mrs. L. E. Gardner, W. J. Hockensalk, Richard Duiel and wife, Lidia Pastor, Helen Martin, Wm. Schlake and wife, N. F. Schlake and wife, J. B. Tuttle and wife, A. Hohne, Julius Gudoski, Anna Gudoski, Ralph Ellis, Mr. R. Ellis, Emiel Kosten, Mrs. Emiel Kosten, C. N. Alsip and wife, L. E. Peppin and wife, Miss Nora Newman, Miss Catherine Awe, August Awe and wife, Edward Heitbrink and wife, Joseph Sidlo and wife, Geo. S. Reule and wife, H. A. Jung, Joseph McLaughlin and wife, Edward Bohirsack and wife, Misses Ada and Mertle Bohusoek, W. G. Bohusoek and wife, O. O. Carpenter, L. O. Bluyou, J W. Argood and wife and son, F. B. Lambert and wife, J. E. Lindquist and wife, W. C. Miller and wife, Clarence E. Johnson, Miss Tyre, Leonard Hoerdt and wife, Thos. Bichle and wife, Otto Hoker and wife, Wm. Bettling and wife, Mrs. L. S. Mooney, Mary Klink, Henry Bach and wife, Mr. J. B. Tuttle, Mrs. Geo. Freeman, F. Hoerdt, J. Elich and wife.

Cleveland, Ohio.—W. Carin, F. Aulenbacher, Mrs. George Summerell, Capt. F. H. Reed, Mrs. J. L. Kinney, Herbert Farr, E. W. Farr and wife, Miss Farr, J. G Litzell, R. J. Dawson, Mrs. C. M. Harris, J. D. Harris.

Detroit, Mich.—C. A. Bowen and wife, F. H. Hopper and wife, T. M. Templeton and wife, Chas. Frank, C. J. Clipperb and wife, Mary Jane Kirk, L. K. Mahon, Miss Mahon, C. H. Bryan and wife, Miss Bryan, Wasson Bryan.

Philadelphia, Pa.—D. K. Boyd and wife, R. W. Pierpoint and wife, Wm. Conway and wife, J. A. Goodwin and wife, Edw. Kelley and wife, Misses Goodwin, Misses Waters.

Boston, Mass.—W. G. Long and wife, Mrs. Sarah Long, W. A. Spiers and wife, Geo. A. Parry, J. D. Marr and wife.

East Berlin, Conn.—J. MacPherson and wife, R O. Clark and wife, Miss Florence Clark, Harold Clark and wife, Miss Pauline Miller.

Mechanicsville, N. Y.—A. M. Ryan, Miss Ryan, R. A. Moore and wife, T. A. Griffin and wife.

Albany, N. Y.—W. N. Cary, Jr., W. N. Carry and wife, R. Gardenier and wife.

Denver, Colo.—Mr. and Mrs. R. D. Lindsay, J. J. Stingel and wife, J. J. Stein and wife.

Evansville, Pa.—Miss Kleymeyer, H. C. Kleymeyer and wife, H. C. Kleymeyer, Jr.

Cincinnati, Ohio.—J. M. Stoner, E. L. Mitchell and wife, F. H Kinney.

Pittsburg, Pa.—Geo. Lang and wife, H. H. Hceson and wife, Wm. Sankey and wife.

Various Localities — J. P. Martin, Lancaster, Pa.; W. C. Alwine and wife, New Oxford, Pa.; H. Jenicke and wife, Independence, Kas.; B. Koehler, Topeka, Kas.; E. N. Merhoff, Little Terry, N. J.; G. W. Isenborn, Salisbury ,N. C.; Chas. Francis, Miskogee, Okla.; C. W. King and wife, Hartford, Conn.; G. E. Prentiss and wife, New Brittain, Conn.; J. F. Reynolds and wife and Miss Reynolds, Mt. Haven, Conn.; W. S. Ramsey and wife, Bay City, Mich.; F. W. Solineu, wife and son, New Orleans; S. A. Ver Valen and Warren Gorfiss and wife of Baltimore; M. L. Goldnek, Kingston, N. Y.; H. S. Hamilton, McArthur, Ohio; C. P. Mayer and wife, Mary and Pauline Engel of Bridgeville, Pa.; J. T. Himmert, Quincy, Ill.; H. E. Mair and wife, and C. E. Carter, Peoria, Ill.; W. A. Howell and wife, Toledo, Ohio; Howard Oberly and wife, and Mrs. Hilton, Wilmington, Del.; J. F. Smith and wife and daughter, Omaha, Neb.; Mr. C. B. Hutton, Hastings, Neb.; R. L. Ferguson and wife, Lincoln, Neb.; L. L. Stephenson and wife, Birmingham; E. R. Jones, Winthrop, Me.; Geo. Langenbecker and wife, and W. N. Frye and wife of Memphis, Tenn.; T. I. Herbert and wife, and R C. Whitsett and wife, Nashville, Tenn.; W. W. Dennis, C. J. Berg, San Francisco; W. P. Dwyer, Sacramento; Mrs. C. Remillard, San Francisco; Geo. Chambers, San Jose; F. L. Hoyt, San Jose; Robt. Tempest and E. A. Dixon, San Francisco.

EFFECTIVE ADVERTISING

A $1,250,000 bond issue to finance construction of an outfall sewer system for the city of Glendale carried at a recent election. The vote was six to one in favor of the bonds.

The huge majority vote, undoubtedly, was brought about through publicity prepared by the Burns & McDonnell Engineering Company of Kansas City, Mo., and Los Angeles, consulting engineers on the sewer project.

A 17-inch by 22-inch sheet of paper, which, when folded, contained twenty-four pages, brought out before the voter the need of an adequate sewer system, what such a system would cost, the approximate cost to the individual property owner and the benefits to be derived from such a system. The folder in a final summary brought out the fact that the city of Glendale could not afford to reject the proposal to finance the system if the city was to grow and prosper, meeting increased population and increased industrial development. On the front cover of the folder are featured the names of ten local organizations which endorse the bond issue. The entire inside section of the folder features a may of the city showing the exact location of the sewers in addition to tables showing the cost of construction and a general description of the proposed system.

As a final the folder closes with the warning—"Remember—if you do not vote you are against the bonds."

WAGE AGREEMENTS FOR N. Y. TRADES ARE DRAWN

Settlements have been made in New York City and agreements have been reached in practically every important trade of the building industry. Several helpers' union have not signed up, but little trouble is expected in reaching an agreement. Most of the settlements involve wage increases ranging from $1.00 to $1 50 a day. The prevailing scales, including settlements reached by Jan. 11, 1924, involve the following:

Trade.	Hourly Scale.
Carpenters	$1.31¼
Cement finishers	1.31¼
Electricians	1.25
Hod carriers	1.00
Laborers	.93¾
Lathers	1.25
Painters	1.25
Plasterers	1.50
Plasterers' helpers	1.06¼
Bricklayers	1.50
Elevator constructors	1.31¼
Gas fitters	1 25
Hoisting engineers	1.50
Marble setters	1.31¼
Masons	1.50
Ornamental iron	1.25
Pipe coverers	1.31¼
Plumbers	1.25
Composition roofers	1.12¼
Sheet metal roofers	1.31¼
Slate roofers	1.50
Sheet metal	1.31¼
Steamfitters	1.25
Steamfitters' helperers	1.00
Stone cutters	1.25
Structural iron	1.25
Tile setters	1 31¼

PUMPING FOR IRRIGATION

The prominence attained by pumping for irrigation is strikingly emphasized by reference to the last federal census figures, which show that nearly one-half (46%) of the lands brought under irrigation during the 10 years preceding 1920 are irrigated with pumped water. The capital invested for enterprises using pumped water had reached, in 1920, a total of nearly $140,000,000, or slightly more than the whole sum invested by the Government in the works of the Reclamation Service. Even more impressive is the fact that the same total represented nearly 20% of the cost of all irrigation works in operation in the census year.

Usual Seasonal Slump Is Noted in January Building Permit Totals

A slight seasonal reduction in building activity chiefly noted in the larger California cities and in inter-mountain states, is recorded for January in the Pacific Coast section of the National Building Survey of S. W. Strauss & Co. This survey, however, shows a very substantial increase in the January figures over those of the same period of last year.

The grand total of building permits issued during January of this year in 54 principal cities of the seven Pacific Coast states is $38,440,947. This figure is 6 per cent less than the December, 1923, total for these cities but shows a 22 per cent gain over the total for last January.

California's total of $30,256,496, from 35 cities included in the S. W. Strauss & Co. survey, shows a 15 per cent gain over last January but a reduction of 17 per cent from the December figures. Of these 35 cities, 32 show gains for January over December while 13, including the larger cities, show reductions.

The Northwestern states report a remarkable activity, 12 cities reporting a total of $7,863,991, which shows a gain of 50 per cent over last January and a gain of 133 per cent over December.

Seven cities in the Intermountain states report $320,461 for January, showing a reduction of 30 per cent from last January's figures and of 59 per cent from December.

Los Angeles issued $13,158.526 in building permits during January, 34 per cent of the grand total for the entire list of 54 cities in the Straus survey. This figure is 16 per cent greater than that of last January but 36 per cent under the December record.

Seattle reports a January total of $3,341,435, and shows a gain of 219 per cent over last January and 215 per cent over December.

Tacoma's total of $2,350,628 for January shows a gain of 57 per cent over last January and 587 per cent over December.

Long Beach, with a January total of $3,198,048, reports a gain of 131 per cent over last January and a gain of 154 per cent over December.

Portland, reporting $1,778,275 for January, shows a 15 per cent gain over last January and a 23 per cent gain over December.

San Francisco reports $3,178,413 for January, showing reductions of less than 1 per cent from last January but of 32 per cent from the December total.

San Diego's January total for $738,431 is 38 per cent greater than last January's figure but shows a 29 per cent reduction from December.

Oakland, reporting $2,019,166 for January, shows a 9 per cent gain over last January but a loss of 21 per cent from December's figures.

Following are the official figures reported by building department executives from the various California cities:

City	Jan. 1924	Jan. 1923	Dec. 1923
Alameda	$ 409,964	$ 78,033	$ 44,068
Alhambra	465,700	415,125	363,310
Bakersfield	48,141	111,080	41,561
Berkeley	686,790	494,437	601,600
Beverly Hills	305,371	245,850	476,214
Burlingame	171,857	.....	.....
Chico	13,650	16,340	6,930
Compton	112,825	68,600	128,035
Emeryville	49,400	150,425	54,940
Eureka	52,000	40,000	34,000
Fresno	216,919	1,192,187	142,940
Glendale	1,029,533	1,024,336	800,543
Long Beach	3,198,048	1,383,026	1,255,104
Los Angeles	13,158,256	11,258,517	20,758,194
Modesto	30,586	71,670	18,660
Oakland	2,019,166	1,852,438	2,583,312
Palo Alto	83,634	100,609	85,099
Pasadena	924,462	772,483	551,314
Piedmont	117,280	112,000	140,265
Pomono	154,700	161,445	119,660
Redwood City	41,511	19,276	127,991
Richmond	121,321	106,490	21,825
Riverside	329,823	217,486	480,718
Sacramento	653,256	451,554	607,633
San Bernardino	292,200	226,225	156,755
San Diego	738,431	532,150	1,047,301
San Francisco	3,178,413	2,205,811	4,952,444
San Jose	444,125	225,195	114,030
San Leandro	112,925	32,000	75,300
San Mateo	79,500	.....	.....
San Rafael	39,896	13,850	42,200
Santa Ana	224,955	339,134	199,905
Santa Barbara	128,885	663,235	100,802
Santa Cruz	117 610	36,020	38,187
Santa Monica	524,590	459,535	326,960
Stockton	219,455	183,620	351,725
Vallejo	4,405	9,520	15,502
Total	$30,256,496	$26,302,728	$37,057,947

CITY OPERATED GARAGES FOR OAKLAND PROPOSED

Proposal that the city of Oakland establish municipal garages in central parking of automobiles in downtown areas of congestion has been made to City Commissioner Frank Colbourn by the Downtown Property Owners' Association of Oakland.

A ban on downtown parking according to James P. Koll, executive secretary of the association, would only partly solve the traffic problem.

If downtown parking is forbidden, Koll said in behalf of the association, other provisions for automobile parking must be made.

The association suggested to Colbourn that a municipal garage, centerally located, would go far to solve parking problems.

Not only would congestion in downtown areas be relieved, but also a source of revenue to the city would be established.

The first floor could be used for parking and upper floors for storage, the association suggests.

Koll submitted to Colbourn statistics of profit made by the city of Portland through municipal garages and he said that elimination of parking in streets has reduced materially the number of automobile accidents.

Building News Section

APARTMENTS

Figures to be taken Next Week.
APARTMENTS Cost, $35,000
EAST OAKLAND, Alameda Co., Cal.
Twenty-seventh and Foothill Blvd.
Two-story and basement frame store and apartment house (4 stores and 12 3-room apts.)
Owner—Withield.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $40000
SAN FRANCISCO, NW Larkin and Greenwich Sts.
Three-story frame and stucco apartment house.
Owner—Miss Annie Comvey.
Architect—Powers & Ahnden, 460 Montgomery St., San Francisco.

Plans Being Figured.
APARTMENTS Cost, $46,000
SAN FRANCISCO. SE Buchanan and Hickory Streets.
Three-story frame, stucco and brick veneer apartment house (5 2-room and 1 3-room on each floor, garage basement for 12 cars.
Owner—A. L. Nelson.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Figures are being taken for a general contract.

Contract Awarded.
APARTMENTS Cost, $60,543
BERKELEY, Alameda Co., Cal No. 1741-3-5-7-9 Euclid Ave. and No. 2501 Ridge Road.
Three-story 79-room apartments.
Owner—Bessie Gallagher, Ridge Road and Le Roy, Berkeley.
Architect—C. C. Dakin.
Contractor—Ben Pearson, 2403 Grant St., Berkeley.

Contract Awarded.
APARTMENTS Cost, $19,000
SAN FRANCISCO, E Sanchez 30 N 16th
Three-story and basement frame (6) apartments.
Owner—M. H. Hoare, 3476 16th St. San Francisc.
Architect—N. H. Hoare, 20th & Diamond Sts., San Francisco.
Contractor — Albert Bernhardt, 4440 20th St., San Francisco.

Plans Being Prepared.
APT. HOUSE Cost, $25,000
SAN FRANCISCO, Francisco St. near Van Ness Ave.
Three-story frame apt. house.
Owner—Eshia.
Architect — O'Brien Bros., 315 Montgomery St., San Francisco.

Contractor Taking Sub-Contracts — Contracts Awarded.
REMODEL Cost, $15,000
SAN FRANCISCO, 2422 Mission St.
Remodel for stores and apts. (interior stairways).
Owner—Klopstock Bros., 3320 18th St., San Francisco.
Architect—S. L. Hyman & A. Appleton Foxcroft Bldg., S. F.
Contractor—J. Spargo, 240 Montgomery, San Francisco.
Plumbing awarded to Wm. Buick.
Mill work to Spencer St. Planing, Mill.
Electric to Atlas Elec. Co.

EAGLE ROCK, Los Angeles Co., Cal. —Thomas Jewell, 425 Pacific Finance Bldg., has completed plans for a 3-story apartment building to be erected on E. Broadway, Eagle Rock Annex, for Will Mercer and Wesley Marsh. It will contain 40 single and double apartments. Frame and plaster construction, 115x138 ft., L-shape, 3-story and part basement, tile and composition roofing, pine floors, gas radiators, automatic water heaters, terrazzo floor in lobby, wall beds, pine trim, metal lath, tiled baths and drainboards.

To Be Done By Day's Work and Sub-Contracts.
APARTMENTS Cost, $50,000
SAN FRANCISCO, N Leavenworth bet. Geary and Post Sts.
Five-story and basement reinforced concrete (32) apartments.
Owner—Percy D. Tyler, 1438 Cabrillo St., San Francisco.
Architect — Woodworth Wethered, State Hotel, San Francisco.

Steel Contract Awarded—Sub-Figures Being Taken.
APARTMENTS Cost, $280,000
SAN FRANCISCO, NW Sutter & Leavenworth Streets.
Ten-story steel frame class A brick apartments).
Owner—L. B. Ham, 110 Sutter St., San Francisco.
Architect—A. J. Horstman, 110 Sutter St., San Francisco.
Steel work awarded to Shrader Iron works, 1247 Harrison St., S. F.

LOS ANGELES, Los Angeles Co., Cal. T. C. Kistner Co., architects, 616 Pantages Theatre Bldg., have completed plans for a four-story Class C apartment building to be erected on Bonnie Brae So. near 7th St., for a local client. It will contain 43 single and double apartments. Brick walls, 4-story and basement, 42x140 ft., composition roofing, hardwood and pine floors, tiled baths and drainboards, electric elevator, wall beds, structural steel, steam or electric heating, etc.

LOS ANGELES, Cal.—Archt. Samuel B. Birds, Frost Bldg., has prepared plans for a class C apartment house to be erected on 3rd St. between Boylston and Beandry Aves. for Simpson & Childs, 1033 Cit. Nat. Bank Bldg. It will contain 80 rooms, 38 apartments, 4 stories, 50x110 ft., brick walls, press. brick facing, comp. rfg., fire escapes, pine trim, oak and pine flrs., wall beds, tiled baths, steam htg., elevators; $75,000.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. **Fold-up-Dors,** Ti-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-slipping flooring.—Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET

Sutter 5907 San Francisco

LOS ANGELES, Los Angeles Co., Cal. —ArchitectA. F. Priest, 716 Fay Bldg., Los Angeles has prepared preliminary plans for a 14-story and basement Class A steel and concrete "own-your-own" apartment building for Endicott Arms Apt. Co., Inc., to be known as "Endicott Arms," at the southwest corner of Lexington Dr. and Brand Blvd., Glendale; 103.78x150 ft., 5 stores on the ground floor, 168 single and 12 double apartment suits; central heat and refrigerating systems Estimated cost, $1,500,000. Officers of the company are C. N. Coverdale, Indianapolis, Pres.; W. Wallace Plumb, 229 N. Brand Blvd, Treas.; M H. Dodd, Los Angeles, Secy.

LOS ANGELES, Los Angeles Co., Cal. Palmer & Clinton, Monadnock Bldg., San Francisco, will be the contractors for erecting a 13-story Class A apartment house at the northeast corner of Wilshire Blvd. and Ardmore Ave. for Roland Apartment Company. Walker & Eisen, 330 Pacific Finance Bldg., are the architects and will commence the preparation of working plans shortly. The building will contain 300 rooms; dimensions, 150x100 ft., reinforced concrete construction, pressed brick and terra cotta facing, marble and tile work, hardwood and pine trim, tiled baths, electric elevators, steam heating, refrigerating system, wall beds Cost, $950,000.

PORTLAND, Ore.—Architect Carl L. Linde, 510 Artisans Bldg., is preparing plans for six apartment buildings to be erected, 3 in Flanders St. and 3 in Glisan St., structures to be financed by Coe A. McKenna and associates. Will be 2 and 3 stories in height of fire-proof construction faced with "red rugged" brick and trimmed with rough stone; est. cost $120,000.

LOS ANGELES, Cal.—L. A. Leavitt and M. A. Karstin, 585 N Gower St., have had plans prepared and will erect a 95-room 46-apartment bldg. at the n.e. cor. of First and Berendo Sts. for themselves. Three-story 68x138 ft., frame and plas. construction, comp. rfg pine trim, oak and pine flrs., wall beds, tiled baths, water htrs., gas rads; $90,000.

BONDS

MERCED, Merced Co., Cal.—Supervisors sell $16,000 bond issue of Romero School District for premium of $520' proceeds will finance construction of new school.

SAN FRANCISCO—Supervisors authorize sale of $4,500,000 block of the $12,000,000 bond issue recently voted to finance school construction. Bids for the purchase will be opened March 24. John Reid Jr., First National Bank Bldg., is city architect.

SAN JOSE, Santa Clara Co., Cal.—Election will be held March 4 in Valley View-Pioneer-Hacienda Union School District to vote bonds of $7900 to finance school improvements. Trustees of district are: John W. Withers, Byron Hester, G. A. Malech, W. B. Mabie and H. J. Scott Wyckoff & White, Growers' Bank Bldg., San Jose, are the architects.

PENNGROVE, Sonoma Co., Cal. — Voters at mass meeting decide to remodel present school building, the proposition to erect a new structure having been abandoned. Construction will be financed through a bond issue.

BAKERSFIELD, Kern Co., Cal.—March 4 is date set in Kern County Union High School District to vote bonds of $150,000 to finance construction of additional classrooms to high school and $50,000 for a second unit of the stadium.

PALO ALTO, Santa Clara Co., Cal.—Election will be called at once to vote bonds of $200,000 to finance school improvements. Major item will be new structure to contain from 12 to 15 rooms for first six grades, to be erected in Middlefield rd. Additions will be made to the Lytton avenue and Walter Hays Schools. Channing Ave. school will be razed and the property improved for playground purposes. Birge M. Clark, architect, 600 Embarcadero Rd., Palo Alto, has been commissioned to act as assistant to Architects Allison and Allison, Hibernian Bldg., Los Angeles, in preparing plans for the improvements.

OROVILLE, Butte Co., Cal.— Election will be held March 15 in Mooretown School District to vote bonds of $4000 to finance school improvements. Trustees of district are: W. W. Reive, F. P. Dwyer and Ella Fields.

OROVILLE, Butte Co., Cal.—March 7 is date set by Board of Education to vote bonds of $52,000 to finance 2-rm. addition to East Side school and a new 8-rm. brick structure in the Oro Vista district.

DAVIS, Volo Co., Cal.—Petitions are being circulated in the Plainfield, Montgomery and Fairfield School District seeking the organization of a union high school district. Should the district be formed, an election will be called to vote bonds to finance erection of a new high school building at Davis.

SACRAMENTO, Cal.—Election will be held March 3 in Sutter School District to vote bonds of $4,000 to finance school improvements. Trustees of district are: Mrs. Catherine Mason, King Brown and Antone Pimentel.

CHURCHES

Plans Being Prepared.
CHURCH $100,000 1st unit
$400,000 complete
SACRAMENTO, 27th and M Sts.
Fireproof church.
Owner — St. Paul's & Trinity Pro-Cathedral parishes of the Episcopal Church.
Architect — F. A. S. Foale, Oschner Bldg., Sacramento.

Plans Being Figured.
CHURCH, ETC. Cost, $——
BERKELEY, Alameda Co., Cal. Berryman and Milvia Sts. (St. Mary Magdeline Church).
Frame and stucco church and rectory with tile roof.
Owner—Roman Catholic Archbishop.
Architect — Beezer Bros, 1915 Steiner St., San Francisco.
Bids are being taken for a general contract, except plumbing, electric work and heating for which separate bids will be taken.

SAN DIEGO, San Diego Co., Cal. — Arthur G. Lindley and Chas. R. Selkirk, assoc., 800 American Bank Bldg., have completed plans for a 2-story Spanish church bldg. to be erected at San Diego, for the Fairmount Methodist Episcopal Church. Two-sto. frame and stucco constr., tile and comp. rfg. O. P. fls., metal lath, gas rads., water htr., O. P. trim, indirect lighting system, art glass, tile work. Bids will be taken soon.

FACTORIES AND WAREHOUSES

Contract Awarded.
FACTORY BLDG. Cost, $11300
SAN FRANCISCO, E Fifth St. 61:3 S Harrison St.
One-story factory building.
Owner—O. J. Williams, 67 2nd St., San Francisco.
Architect — N. W. Sexton, Chronicle Bldg., San Francisco.
Contractor—J. S. Sampson Co., Monadnock Bldg., San Francisco.

LOS ANGELES, Cal. — Archt. E. J. Borgmeyer, 1003 California Bldg., will revise plans and new bids will be taken on a class A ice storage bldg. to be erected on Jefferson St. bet. Main St. and Maple Ave. for the Jefferson Ice Co. Five-story 180x100 ft., reinf. conc. constr., cork insulation. Previous bids were rejected.

Contractor Taking Sub-Figures.
WAREHOUSE Cost, $45,000
SAN FRANCISCO, SE Seventeenth and Mission Streets, 50x160.
Three-story and basement brick and concrete warehouse addition.
Owner — Redlick-Newman Furniture Co., 17th and Mission Sts., S. F.
Architect — Mel I. Schwartz, Nevada Bank Bldg., San Francisco.
Contractor—John Spargo, Russ Bldg., San Francisco.

Plans Being Prepared.
FACTORY BLDG. Cost, $20,000
OAKLAND, Alameda Co., Cal. Tenth and High Streets.
One-story frame and corrugated iron factory building.
Owner—Hoyt Heater Co. and Marchant Foundry Co.
Engineer—Ruggles & McKee, 1429 Broadway, Oakland.

ORLAND, Glenn Co., Cal.—C. N. Bostrom, Orland, awarded contract by Diamond Match Co. to erect office and lumber storage building, 66x104 ft. Materials will be furnished by the owners.

PORTERVILLE, Tulare Co., Cal.—Good and Peacock are conferring with the Chamber of Commerce, John Dillon, secretary, regarding a site for a new creamery plant.

LOS ANGELES, Cal.—The engineering department of the Santa Fe Railway Co. is preparing plans for a 4-sto. class A warehouse to be erected at Mateo and Industrial Sts. for the Santa Fe Land Co. Dimensions, 374x144 ft., reinforced concrete construction, steel sash, comp. rfg., metal skylights, elevators; $300,000.

SANTA PAULA, Ventura Co., Cal.—Santa Paula Citrus Fruit Assn. will erect a reinf. conc. and steel packing house, 215x294 ft. The bldg. will have 2-story and basement. It will require 900,000 ft. lumber, 280 tons struc. steel, 95 reinf. steel, 21 cars cement, interlocking tile, etc. D. J. Haire of Los Angeles, is supt. of constr.

LONG BEACH, L. A. Co., Cal.—The Southern California Edison Co. is contemplating the erection of a $1,000,000 conc. warehouse covering a 2-acre site at s.w. cor. Perris Rd. and Hill St., Long Beach. This will be in addition to the new unit to be built adjoining the present steam electrical generating plant in Long Beach harbor.

HOLLISTER, San Benito Co., Cal.—Pacific Coast Steel Co., Rialto Bldg., San Francisco, will expend $20,000 in improving its plant here. The new improvements will include installation of pulverizing and classifying equipment which will enable the company to manufacture several dolomite by-products.

PETALUMA, Sonoma Co., Cal.—H. A. West of Portland, Ore., and Lawrence Kane of Everett, Wash., have taken 30-day option on property near J St. and the Redwood Highway and contemplate erection of a plant for the manufacture of cheese. The site covers area of 106 by 165 ft. New machinery will be installed.

LOS ANGELES, Cal.—Ralph E. Homann Co., 3720 So. Park Ave., has the contract to erect a furniture factory on Western Ave. near 60th St., for the Western Furniture Mfg. Co. Two-sto., 60x400 ft., brick walls, comp. rfg., steel sash, metal skylights, cem. and wood fls., elevator; $60,000.

SAN BERNARDINO, San Bernardino Co., Cal.—Jos. E. Nelson & Sons, 3240 S Michigan Ave., Chicago, were awarded a contract for constructing concrete founds. and engine pits for the first unit of new machine shops to be erected at San Bernardino for the Santa Fe Railway Co. A portion of the foundation work will be on pile foundation; -50,000.

WATTS, L. A. Co., Cal.—Belcher Airplane Corp. has purchased a part of the Ramsauer tract on the s side of Main St. and will erect a Mission style factory bldg., 2-story 400x200 ft., costing $150,000. Hangars will also be constructed. These will cost about $100,000.

FULLERTON, Orange Co., Cal.—Union Iron Works, 5125 Santa Fe Ave., Los Angeles, has been awarded contr. by Western Glass Co. of Streator, Ill., to build eight steel factory buildings on the Bastenchury industrial tract. The investment will amount to about $500,000. The Union Iron Works has completed designs for an administration building, 60x60, of steel frame and terra cotta; a polishing, cutting and storage building, 200x200, of saw-tooth design, corrugated iron and special ventilators; a Lehr building for cooling and drying, 40x170, of A frame steel construction and corrugated iron sides; a casting hall, 80x140; furnace hall, 80x80; tank building, 40x80; machine shop, 40x80, and warehouse, 40x80, all of steel frame and corrugated iron sides.

LOS ANGELES, Cal—Frank D. Chase Co., Inc., archts. and engrs., 533 Title Insurance Bldg., are preparing plans for an automobile warehouse to be erected on 49th St., Central Mfg. District, for the Reo Motor Car Co. of California. Dimensions, 100x200 ft., brick and conc. walls, 1-story, conc. and maple flrs, comp. rfg., steel sash, metal skylights, wire glass, rolling doors, overhead hoists. The bldg. will be erected under the supervision of William P. Neil, Terminal Bldg., Central Mfg. District.

DURO
California Cedar Products Co.
All-Key Plaster Lath
(Patented)
100% Mechanical Key.
Plaster Wall Board
(Patent applied for)
The Last Word in Wall Board.
CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

LOS ANGELES, Cal.—Gay Engineering Corp., 2650 Santa Fe Ave., has prepared plans for an ice plant to be erected on 3rd St., bet. Westmoreland Ave. and Juanita St. for F. A. Maginnis. One-story 117x1117 ft., reinf. conc. walls and roof slab, comp. rfg., steel sash, metal skylights, cem. floor; cost $125,000.

FLATS

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, Eureka St. 245 N Twentieth.
Two-story and basement frame (4) flats.
Owner—Katherine Collopy, 1141 Cole St., San Francisco.
Contractor—Theo. P. Merz, 1143 Cole St., San Francisco.

Plans Being Figured.
FLATS Cost, $13000
SAN FRANCISCO, Gough St., between Francisco and Chestnut Sts.
Two-story and basement frame flat building.
Owner—Mrs. Louise Cuneo Bernnio, 35 Carmel St., San Francisco.
Architect—Powers & Ahnden, 460 Montgomery St., San Francisco.

Plans Being Figured.
FLATS Cost, $13,500
SAN FRANCISCO, Gough St. between Chestnut and Francisco Sts.
Two-story frame and stucco flats.
Owner—Victor L. Pucciniinelli.
Architect — Powers & Ahnden, 460 Montgomery St., San Francisco.

Contracts Awarded.
FLATS Cost, $12,500
SAN FRANCISCO, E Church 100 N Twenty-fourth St.
Two-story and basement frame (2) flats.
Owner—B. Cassou, 3770 24th St., San Francisco.
Architect—J. A. Porporato, 619 Washington St., San Francisco.
General contract awarded to Paul De Martini, 2869 Octavia St., S. F.
Painting to E. P. Norman, 3773 24th St. San Francisco.
Plumbing to George Haub, 1237 Filbert St., San Francisco.

GARAGES

PORTLAND, Ore.—Architect Carl L. Linde, Artisians Bldg., is preparing plans for a one-story fireproof garage and (16) store building to be erected for Goe A. McKenna, et al, in 19th St. near Flanders. Will be 100 by 200 feet, garage to accommodate about 65 machines.

HANFORD, Kings Co., Cal.—Spear Bros., 8th and Irwin Sts., Hanford, granted permit to erect $22,500 garage building in East 9th St., bet. Irwin and Redington Sts. S. E. Barnes, Hanford, is the contractor.

LOS ANGELES, Cal. — Milwaukee Bldg. Co., 315 Wright & Callender Bldg has the contract to erect a garage on Gower St., bet. Hollywood Blvd. and Selma Ave., for Paul G. Hoffman Co. Dimensions, 120x176 ft., 1-story, brick walls, press. brick facing, plate glass, steel beams, comp. rfg., metal skylights, cem. fl; $40,000.

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Phone Randolph 5982

GOVERNMENT WORK AND SUPPLIES

DENVER, Colo.—Vulcan Iron Works Denver, Colo., at $1929 awarded contr. by U. S. Bureau of Reclamation, under advertisement 36589 for gates and gate hoists for North Platte project. Other bids were:

The R. Hardesty Mfg. Co., Denver, Colo., $2835.75.

The Walker Mfg. Co., Denver, Colo., $2034.10.

The Gering Foundry and Machine Co. Gering, Neb., $2538.

Paxton & Vierling Iron Works, Omaha, Neb., $1846.50.

A. Plamondon Mfg. Co., Chicago, Ill., $2904.

Michigan Valve and Foundry Co., Detroit, Mich., $4338.69.

DENVER, Colo.—Following bids rec by Bureau of Reclamation, to fur. 24-in. balanced needle valves for Hubbard dam, Flathead project, Mont., and for Tieton dam, Yakima storage project, Wash., advertisement No. 36703:

Item 1, Tieton dam; 2, Hubbard dam.

Vulcan Iron Works Co., Denver, Colo., item 1, $5999; 2, $2999.

Michigan Valve & Foundry Co., Detroit, item 1, $6000; 2, $3000.

Joshua Hendy Iron Works, Sunnyvale, Calif., item 1, $6090; 2, $3045.

Steacy-Schmidt Mfg. Co., York, Pa., item 1, $6500; 2, $3250.

Paxton & Vierling Iron Co., Omaha, Nebr., item 1, $6600; 2, $3300.

Peninsula Foundry & Machine Wks. Portland, Ore., item 1, $7317; 2, $3,658.40.

Ogden Iron Wks, Ogden, Utah, item 1, $7472; 2, $3736.

Rosedale Foundry & Machine Co., Pittsburgh, item 1, $7690; 2, $4625.

S Morgan Smith Co., York, Pa., item 1, $8430; 2, $4215.

Wheeling Mold & Foundry Co., Wheeling, W. Va., item 1, $9200; 2, $4600.

Ross Valve Mfg. Co., Troy, N. Y., item 1, $10,200; 2, $5100.

Rock Island Arsenal, Rock Island, Ill., item 1, $10,860; 2, $5430.

Award not yet made.

PORTLAND, Ore.—Joplin and Eldon, Portland, at $230,000 awarded contract by U. S. Engineer Office, Portland, to fur. stone for north jetty construction at entrance to Umpqua river.

SEATTLE, Wash.—Until Feb. 14, 11 A. M., bids will be rec. by Alaskan Engineering Commission, 422 Bell St. Terminal, Seattle, for fur. cast iron car wheels. Specifications and further information on request.

WASHINGTON, D. C.—Until March 4, 10.30 a. m. bids will be rec. by Purchasing Agent, Panama Canal, under Circular No. 1589, to fur. and del. Balphone equipment. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

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DENVER, Colo.—Hardie-Tynes Mfg. Co., Birmingham, Ala., at $15,844 awarded cont. by U. S. Bureau of Reclamation, to fur. 2 5x6 ft. high pressure emergency gates for Tieton dam, Yakima project, Wash., advertisement No. 37011. Other bids were:

Wheeling Mold & Foundry Co., Wheeling, W. Va., $21,185.

Steacy-Schmidt Mfg. Co., York, Pa., $22,000.

Joshua Hendy Iron Works, Sunnyvale, Calif., $22,993.

M. E. Gleason, Portland, Oreg., $23,500.

Union Machinery Co., San Francisco, $25,120.

Roesdale Foundry & Machine Co., Pittsburgh, $26,000.

McGann Mfg. Co., York, Pa., $27,960.

Vulcan Iron Works, Denver, Colo., $29,220.

Ogden Iron Works, Ogden, Utah, $30,000.

Bethlehem Shipping Bldg. Corp., San Francisco, $33,700.

Odrnance Dept., War Dept., U. S. A., Rock Island, Ill., $34,764.

Newport News Shipbuilding and Dry Dock Co., Newport News Va., $35,400.

S. Morgan Smith Co., York, Pa., $40,000.

Michigan Valve & Foundry Co., Detroit, $40,760.

SAN FRANCISCO—Until Feb. 21, 11 A. M., bids will be rec. by Constructing Quartermaster, Fort Mason, to drive piles, etc., for wharf repairs at Fort Winfield Scott. See call for bids **under official proposal section in this** issue.

PEARL HARBOR, T. H.—Following bids rec. by Bureau of Yards & Docks, Navy Department, Washington, D. C., for extension to paint and oil storehouse at the naval operating base, Pearl Harbor, T. H., under specification 4911.

Item 1, entire work; 2, amount deducted for the omission of the elevator; 3, amount deducted for omission of one typical interior bay; 4, amount deducted for ommission of two typical interior bays and an interior partition.

Louis R. Smith, 1576 Pensacola St., Honolulu, T. H., item 1, $85,250, 270 days; 2, deduct, $13,733, 250 days; 3, $15,000; 4, $23,000.

Walker & Olund, Honolulu, T. H., item 1, $94,000, 270 days; 2, $7093; 3, $5300; 4, $11,700.

Allen Pope, 4722 15th St., N. W., Washington, item 1, $89,000; 2, $6000; 3, $6000; 4, $12,000.

Hawaiian Contracting Co., Honolulu, T. H., item 1, $93,933; 2, $7382; 3, $5,592; 4, $12,896.

J. L. Young Engineering Co., Campbell Bldg., Honolulu, T. H., item 1, $87,000; 2, $79,600; 3, $5800; 4, $12,300.

Henry L. Fernandez, Union Trust Bldg., Honolulu, T. H., item 1, $89,800; 2, $70000, 5 days; 3, $12,700, 20 days; 4, $16,000, 40 days.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and accounts, Navy Department, for fur. and del. materials to Navy Yards, as follows; date for opening bids at noted at close of each paragraph:

Schedule 1860, for Mare Island, 10,000 lbs. muriatic acid, Feb. 26.

Schedule 1868, for Mare Island, 3000 pounds cotton insulating tape, Feb. 26.

Schedule 1869, for eastern and western yards, miscellaneous pliers, Feb. 26

Schedule 1871, for western yards, low pressure pipe fittings, Feb. 26.

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

Schedule 1872, for South Brooklyn, San Diego and Puget Sound, 9300 lbs. cotton thread; for Puget Sound, 200 lbs. cotton twine, Feb. 26.

Schedule 1875, for San Diego,, 6000 cotton twine deck swabs; for Mare Island, 3500 do; for San Diego, 1000 do; Feb. 26.

Schedule 1876, for Mare Island, 2000 ft. gasoline hose, 80 nozzles and 80 adapters, March 4.

Schedule 1878, for eastern and western yards, miscellaneous wrenches, March 4.

Schedule 1879, for Mare Island, 156 twist drills; for Puget Sound, 576 do; 60 hand drills and 200 files; for San Diego, 300 claw hammers; for Mar Island, 780 do and 24 copper hammers; for San Diego, 400 do and 700 machinists' hammers; for Puget Sound, 70 do; for San Diego, 600 mutiple-folding rules; for San Diego, 200 jewelers' screwdrivers; for Mare Island, 180 gasoline torches, March 4.

Schedule 1880, for San Diego, 1400 lights window glass and 36 lights plate glass, March 4.

Schedule 1881, for Mare Island, 10,500 pounds steel welding wire, March 4

Schedule 1882, for Puget Sound, 300 butter-dish covers and 2000 salt shakers; for Mare Island, 5000 glass tumblers, March 4.

Schedule 1885, for Mare Island, 20 oxygen regulators, March 4.

Schedule 1891, for Puget Sound, 4 water closets, 4 show baths, 12 shower and floor drains, 2 drinking fountains, 8 mirrors, 8 lavatories, 4 urinals, 2 bath tubs, etc., March 4.

Schedule 1892, for Puget Sound, 1000 pounds powdered aluminum, 3000 lbs. drop black in oil, 500 pounds ultramarine blue, 1000 pounds lampblack in oil and 18,000 pounds whiting, March 4.

Schedule 1893, for San Diego, 1000 lbs. hydraulic leather; for Mare Island, 7200 lineal feet lacing, rawhide belt, March 4.

SAN DIEGO, Cal. — DeWaard and Cobham, 207 Granger Bldg., San Diego, at $10,977, time for completion 60 days, awarded contract by Bureau of Yards and Docks, Navy Department, under Spec. 4916, for 3 mooring masts at San Diego, Fort Werth and Guantanamo.

HALLS AND SOCIETY BUILDINGS

Plans Being Prepared—Figures To Be Taken In Three Months.

ADDITION Cost, $75,000

BERKELEY, Shattuck Ave. and Bancroft Way.
Three-story steel concrete and brick addition to present Temple on Shattuck Ave side, Berkeley.
Owner—Masonic Temple Assn.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.

RED BLUFF, Tehama Co., Cal.—County supervisors plan to appropriate $10,000 to erect club buildings for the Raisner Post No. 45 of Corning and Mt. Lassen Post, No. 167 of Red Bluff, American Legion. Each structure will cost $5,000.

LOS ANGELES, Cal. — Los Angeles Concordia Athletic, Country & Beach Club is being organized by A. J. Connors, George Appell and associates. The erection of three clubhouses is proposed, one in Los Angeles near Westlake Park, one at Santa Monica and one near the Encino County Club. A. F. Rosenheim, Pac. Mutual Bldg., A. B. Rosenthal, Junior Orpheum Bldg., and Saul H. Brown, Union League Bldg will be associated architects to design the buildings.

HANFORD, Kings Co., Cal. — Until March 5, 11 a. m., bids will be rec. by E. F. Pickerill, county clerk, to erect American Legion Hall at Corcoran, Kings county. J. R. Henderson, architect, 109 E-Tulare St., Tulare. Bids are desired for (a) all labor and materials complete with tile roof; (b) labor and materials complete with composition roof; (c) labor and materials in connection with contract for building with 10-ft. ommitted from length and 3 ft. omitted in width with tile reef; (d) labor and material complete in connection with contract omitting 10 ft. from length and 3 ft. from width, complete with composition roof. **See call for bids under official proposal section in this issue.**

ROSEVILLE, Placer Co., Cal. — Masonc Temple Association has been organized to finance construction of proposed $80,000 lodge building at Vernon and Washington sts. Furnishings for the structure will cost $8000.

FRESNO, Fresno Co., Cal.—Preliminary plans are being considered by the Fresno Culinary Works Union, Local No. 62, for a new hall building. Plans under consideration provide for structure costing between $20,000 and $35,000 of brick construction. Members of the building committee are: W. P. Graham, G. L. Fisher, J. J. Alldridge, J. J. O'Brien, A. Jennings, J. Brown and Wm. Meyers.

VAN NUYS, L. A. Co., Cal—Mountain View Country Club has purchased a tract of 886 acres on the north side of Ventura Blvd, lying west of Reseda Ave. near Tampa Blvd., as site for a country club, with five 18-hole courses a 4-story club house and hotel, containing 200 rms. and veranda, accommodating 1000. The locker room will have 100 showers for men and 50 for women. Officers of the club are: President, Charles H. Barnett, who is associated with the Merchants' National Bank and the National City Bank; vice president, Robert S. Odell; secretary, P. C. Pickrell; treasurer, B. H. Jacobs of the National City Bank.

OAKLAND, Cal. — The Turner Co., 272 Natoma St., S. F., has been awarded a contract by the Fabiola Hospital Association to alter the boiler plant and steam water and gas systems at the hospital on the n side of Moss Ave. bet. Howe & Broadway, in Oakland. Contract price $13,740.

The heat insulating covering and painting for same was awarded to the Plant Rubber & Asbestos Works at $1460. Hunter & Hudson, Rialto Bldg., S. F., are the engineers.

HOSPITALS

SAN MATEO COUNTY, Cal.—The county supervisors have taken under advisement the application of the City and County of San Francisco to establish a tubercular hospital on a 200-acre tract in the hills west of San Carlos and Belmont. According to Dr. Wm. C. Hassler, City Health Officer of San Francisco, the city plans the construction of buildings costing approximately $500,000. The structure will house between 200 and 300 patients. Landscape improvements will be laid out by John McLaren, superintendent of Golden Gate Park.

MARTINEZ, Contra Costa Co., Cal.—Until March 3, 11 a. m., bids will be rec by J. H. Wells, county clerk, to const. retaining walls, stairs, stairways, sidewalks, approaches, pipe rails, drainage tile, damproofing, etc., for county hospital. Est. cost $8000. Plans by Jas. T. Narbett, architect, 910 Macdonald Ave., Richmond and County Surveyor R. R. Arnold. Specifications on file in office of clerk.

SAN FRANCISCO—Until Feb. 20, 3 p. m., bids will be rec. by Board of Public Works to furnist and install new radiators, piping system and connections in Nurses' Home at the San Francisco hospital, 23rd and Potrero Ave.; cost $4000. Specifications obtainable from Bureau of Architecture 2nd floor, City Hall.

HOTELS

VENTURA, Ventura Co., Cal.—Home Foundation Co. (R. G. Carne, representatives) has financed a $220,000 hotel bldg., incl. equipment, etc., for the cor. of Santa Clara and California Sts. The bldg. will have 96 rooms, each with bath. Brick and conc. constr. There will be stores on the ground floor with garage in connection with the hotel.

VENTURA, Ventura Co., Cal.—Hartman Estate Co. of Ventura proposes to erect a 100-rm. hotel, costing $200,000 at Main and Palm Sts. It will be a replica of the hotel at Fullerton. There will be seven stores on Palm St. Fireproof, all rooms with baths, elevators, etc. The bldg. will be erected on the present site of the "Anacapa."

LOS ANGELES CO., Cal.—Boyce-Seely Constr. Co., 411 Pacific Finance Bldg., will erect a 78-room hotel building on Grand Ave., between 31st and 33rd streets for itself Three-story, 47 x140 ft., frame and plaster construction, composition roofing, pine trim and floors, tile and composition baths, water heaters, gas radiators. Cost, $80,000.

SAN PEDRO, L. A. Co., Cal.—Charles E Rowe, Long Beach, has the contract at $140,000 to erect a 4-story steel and concrete hotel bldg. 80x120 ft., on 11th St., near Pacific Ave., for D. Barnes. The bldg. will contain 100 rooms.

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LOS ANGELES, Cal.—The Frank Pesch Realty Co., 809 Palm Ave. (Holly 6892), Sherman, is receiving bids for erecting a 50-room hotel building to include 4 stores at Santa Monica Blvd. and Palm Ave., Sherman, as follows: Concrete foundation, cement floors, plastering, composition floors, painting, roofing, tin work, labor for roughing in frame work, plumbing and heating, Spanish tile roofing, plate glass, lumber and mill work.

PORTLAND, Ore.—Architects Claussen and Claussen, Macleay Bldg., have completed plans for an 8-story reinforced concrete, brick and terra cotta hotel building to be erected at the s.w. corner of West Park and Salmon Sts., for the Prudential Securities Co., est. cost $225,000. Will be 50 by 100 ft., contain 123 guest rooms.

LOS ANGELES, Cal.—Stonehill Construction Co., 223 Stock Exchange Bldg is taking sub-bids for all work incl. furnishings, for a 3-story class C hotel bldg. 50x130 ft., which the company will erect at 5th and Gladys Sts. as owner and builder. H. Friedman, designer. It will contain 73 rooms, 10 with private baths. There will be no stores in the building. Estimated cost, $60,000. Brick exter., pressed brick facing; hardwood fls., gas steam rads., comp. baths, comp. roof. Construction to start March 15 or April 1. Plans and spec. may be seen at the above address.

LOS ANGELES, Cal.—Archts. S. Tilden Norton and Frederick H. Wallis, 716 S Spring St., have completed plans for a 4-story class C hotel bldg., to be erected at 616 S St. Paul Street for B. L. Hoffman; it will contain 128 rooms, with 100 per cent baths, and lobby. Brick walls, 62x172 ft., press. brick and terra cotta facing, comp. rfg., steam htf. sys., struc. steel, plate glass, steel smoke stack, canopy ornam iron work, tiled baths, metal skylights, storage water htr.; owner will erect by day labor and sub-contract.

ICE AND COLD STORAGE PLANTS

WOODLAND, Yolo Co., Cal.—R. G. Bailey, representing the Union Ice Co., 354 Pine street, San Francisco, is in Woodland arranging for the erection of a $10,000 ice plant

LOS ANGELES, Cal.—Archt. Leonard L. Jones, 603 Grosse Bldg., is completing plans for a 4-story class C hotel, store and cafe bldg., to be erected at cor. Ferguson Way and Los Angeles St for Tom Quinn and assoc; it will contain 11 stores and lobby and safe entrance on first fl.; entire second fl. will be used for cafe and private dining rooms, and third and fourth fls. will contain 40 hotel rooms with 60 per cent baths. Brick walls, 4-story and basement, tile and comp. rfg., struc. steel, steam htg. sys., elec. elevator, plate glass, cork tile fl. in cafe, tiled baths, cement, pine and hardw. fls., metal lath; $175,000. Bids to be taken soon.

POWER PLANTS

ORLAND, Glenn Co., Cal.—City contemplates bond election to purchase electric plant of Pacific Gas and Electric Co. and operate same as a municipal project.

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SANTA ANA, Orange Co., Cal.—Chris McNeill, Box 13, Santa Ana was awarded contr. by county supervisors Feb. 5, at $101,000, for gen. contr (excluding htg. and ventilating, elec. wiring, plumbing and jail equipment) for the new county jail bldg. Frank K. Benchley, Benchley Bldg., Fullerton, archt. The bldg. will be of reinf. conc. constr. 90x120 ft., comp. rfg., steel sash, steel cells, one electric elevator, one dumb waiter. J. A. Creighton Co., Los Angeles, low bidder at $92,909, withdrew his bid. Other contrs. awarded were: Heating and ventilating—T. H. Ehlen & Detrichs, Orange, $8399. Electric wiring—A. A. Prink, Huntington Beach $6690. Acton on the other contracts will be taken at next meeting.

ELKO, Nevada — County Commissioners authorize $5000 expenditure as initial payment for new equipment for Carlin light plant. New equipment will consist of 150 h.p. Diesel engine to replace present one. New boilers, switchboards and other necessary equipment will also be ordered.

ELKO, Nevada. — H. M. Crowe, of Wells, Nevada, has been awarded franchise by county commissioners to erect and maintain the Wells-Contact telephone line; est. cost $10,000. Construction will be started as soon as the U. P. resumes construction on the railroad.

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Engineers,
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FRESNO, Fresno Co., Cal.—Fresno Traction Co. will ask blds shortly to erect automatic sub-station, 17 by 25 ft., in Blackstone Ave. near Dry Creek; est. cost $35,000. E. A. Devereaux, 335 S Angus St., is superintendent of the company.

SACRAMENTO, Cal.—J. S. Dean, of the architectural firm of Dean and Dean, City Library Bldg., Sacramento, has been appointed city architect of Sacramento at a salary of $500 a month and will immediately commence the preparation of plans for the proposed $750,000 municipal auditorium for which bonds have already been voted. The appointment of Architect Dean was made on the recommendation of H. C. Bottorff, city manager of Sacramento. Architect G. Albert Lansburgh of San Francisco will act as "collaborator" at a flat sum of $10,000 to be paid in installments of $833.33 per month. Arthur Brown, Jr., a member of the firm of Bakewell and Brown, San Francisco architects, will act as assistant on the project at a flat sum of $2000, payable in monthly installments. An engineer for the heating and ventilating systems will be selected within the next few weeks, the city manager announces.

PUBLIC BUILDINGS

MARYSVILLE, Yuba Co., Cal.—Yuba County supervisors contemplate purchase of site in Marysville on which it is proposed to erect county detention home.

LODI, San Joaquin Co., Cal.—City trustees will be petitioned to provide funds to erect fire house in western section of city. The Lodi Fire Dept. will present the petition.

LOS ANGELES, Cal—Until 11 a. m. March 3, bids will be received by the board of supervisors for the general contract for erecting new Hall of Justice bldg. at North Broadway and Temple Sts. The general contract will include conc. work, fireproofing, hollow tile work, roofing, brickwork, vault lights and vault work. Plans and spec. may be seen at office of board, Hall of Records.

SACRAMENTO, Cal.—Phil Mott, 1616 24th St., Sacramento, at $456 awarded contract by supervisors to install plumbing fixtures in new jail quarters at county jail.

Palm Bridge and Iron Works, 1814 15th St., Sacramento at $1619 awarded contract to install steel bunks.

HANFORD, Kings Co., Cal.—Architects Coates and Traver, Rowell Bldg., Fresno, have completed plans for proposed new civic auditorium. No action will be taken until the plans and specifications are finally approved by city council.

LINDSAY, Tulare Co., Cal—City trustees purchase property in Sweet Briar Ave. and will erect new city hall, firehouse and jail quarters. Structure will contain steel tower, 80 ft. high for hose drying rack and to elevate the fire siren and bell. The tower has already been purchased.

GRIDLEY, Butte Co., Cal. — City trustees contemplate erection of new city hall for which $15,000 is available in general fund with the possibility of securing $3500 from the county to provide county jail quarters in the structure. It is provided to erect a one and a one-half story structure which would permit a municipal auditorium on the main floor of the building.

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RESIDENCES

Preliminary Plans Being Prepared.
RESIDENCE Cost, $15,000
OAKLAND, Calif., Claremont District.
Two-story frame residence
Owner—Withheld.
Architect—W. R. Yelland, Perry Bldg., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $8000
OAKLAND, Calif., Lakeshore Highlands.
Two-story frame and brick veneer residence.
Owner—S. M. Taylor.
Architect—W. R. Yelland, Perry Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, $14,016
BERKELEY, E Side Hawthorne Terr. near head of Vine St.
One-story and attic frame residence.
Owner — Col. Edwin Landon, Coyne Court, Berkeley.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor — Herbert K. Schulz, 2100 Virginia St., Berkeley.

Plans Being Re-Figured.
RESIDENCE Cost, $12,000
SAN FRANCISCO. Eighth Avenue, Windsor Terrace.
Two-story frame and stucco residence.
Owner—Walter Schaefer.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.
Figures are being taken for a general contract.

Plans Being Figured.
RESIDENCE Cost, $—
PEBBLE BEACH, L. A. Co., Cal.
Two-story stone and frame residence (14 rooms and 6 bath rooms).
Owner—Wm. M. Orrick.
Architect—Houghton Sawyer, Hearst Bldg., San Francisco.
Plans Being Figured.
RESIDENCE Cost, $15,000
OAKLAND, Alameda Co., Cal., Lake Knoll.
Two-story frame and stucco residence.
Owner—J. H. Kaiser.
Architect — W. E. Schirmer, Thayer Bldg., Oakland.

Plans Being Figured.
RESIDENCE Cost, $15,000
OAKLAND, Alameda Co., Cal. Lake Knoll.
Two-story and basement frame and stucco residence and garage with tile roof (10 rooms and 3 bathrooms).
Owner—H. J. Kaiser, 161 Bellevue Ave., Oakland
Architect—W. E. Schirmer, Thayer Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, $10,500
OAKLAND, Alameda Co., Cal. Longridge Road.
Two-story and basement frame and stucco residence with tile roof.
Owner — A. F. Grassman, 217 2nd St., San Francisco.
Architect — W. E. Schirmer, Thayer Bldg., Oakland.
Contracter — Geo. Maurer, 177 Ridge Way Ave., Oakland.

Contract Awarded.
SWIMMING POOL Cost, $15,243
PIEDMONT, Alameda Co., Cal. No. 101 King Street.
Reinforced concrete swimming pool.
Owner—R. Stanley Dollar, premises.
Architect—C. W. McCall, Central Park Bldg., Oakland.
Contractor—Alfred Peterson, 3918 Linwood Ave., Oakland.

Plans Being Prepared.
BUNGALOWS Cost, $150,000
CAPITOLA, Santa Cruz Co., Cal.
46 frame bungalows (bungalow court)
Owner—Roth Realty Co.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Contracts Awarded.
RESIDENCE Cost, $—
SAN FRANCISCO, S Washington betw. Spruce and Maple.
Two-story and basement frame residence.
Owner—Helen G. Friend, 3730 Clay St., San Francisco.
Architect—Bernard J. Joseph, 74 New Montgomery St., San Francisco.
Carpenter work, brick work, plastering etc. awarded to Brockhage & Foley, 1326 Natoma St., at $24,970.
Excavating, concrete artificial stone, and cementing to C. C. W. & H. H. Haun, 180 Jessie St., at $3648.

LOS ANGELES, Cal.—C. D. Goldthwaite, 835 Marsh-Strong Bldg., has the contract to erect a 12-room residence on Bristol Ave. near Clifford Ave., Oakmont Tr., for J. E. Wheeler. Arthur S. Heinemtn, 831 San Fernando Bldg., is the architect. Two-story, 30x100 ft., frame and plaster construction, slate roofing, hardwood and pine interior trim and floors, tile l baths, tile mantels, unit gas heating, water heater, garage. Cost, $30,000.

EL MONTE, Cal. — C. T. Baker of Hood River, Ore., has leased a 5¼-acre tract south of Main St. bet. Hoyt St. and the east bank of the river. The transaction was handled by Shirpser & Corpe. He will erect 200 small houses to be rented to tourists. Short & Hoeft will erect a modern filling station in connection with the project, and a modern auto camp will be established. Sewers, etc., will be installed.

SCHOOLS

Plans Being Figured—Bids Close Mar. 7, 1924, 2 p. m.
SCHOOL Cost, $325,000
LEMOORE, Kings Co., Cal.
Reinforced concrete school (30 rooms and an auditorium).
Owner — Lemoore Union High School District.
Architect—W. H. Weeks, 396 Pine St., San Francisco.
Figures are being taken as follows:
General contract.
Electrical work.
Heating and ventilating.
Painting.
Linoleum.
Shades.
Blackboards and program clocks.
Plans may be obtained from the architect's office.

Plans Being Figured—Bids Close Mar. 1, 1924, 1 p. m.
SCHOOL Cost, $60,000
ALVARADO, Alameda Co., Cal.
One-story hollow tile school (6 rooms and an auditorium).
Owner — Alvarado Grammar School District.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.
Figures are being taken as follows:
General contract.
Plumbing.
Heating.
Electrical work.

Commissioned To Prepare Plans.
SCHOOL Cost, $—
ALAMEDA, Alameda Co., Cal. Lincoln site, Central Ave., bet. Mound and Court Sts.
Rebuild school recently destroyed by fire (construction not decided).
Owner—City of Alameda.
Architect—H. H. Meyers, Kohl Bldg., San Francisco.
A bond election will be held in March. A school to contain about 24 rooms is planned.

Sub-Figures Being Taken.
BANK BLDG. Cost, $—
MARYSVILLE, Yuba Co., Cal., 3rd and D Streets.
One-story and mez. floor reinforced concrete bank bldg. 40x101.
Owner—Bank of Italy.
Architect—H. A. Minton, 550 Montgomery St., San Francisco.
Sub-figures are being taken by Mr. Cuneo, constr. mgr. for the bank, 550 Montgomery St., S. F.

Commissioned to Prepare Plans.
SCHOOL BLDG. Cost, —
SAN FRANCISCO, Harrison St. between Army and Precita Ave.
Fireproof school 24 classrooms (Le Conte School).
Owner—City and County of San Francisco.
Architect — John Galen Howard and Associates, First National Bank Bldg., San Francisco.

PHOENIX, Ariz.—Archts. Leschner & Mahoney, Bank of Arizona Bldg., Phoenix, are completing plans (to be ready in about two weeks) for a class A, 3-story conc., stone and plaster over brick bldg., 134x104 ft., to be erected at 3rd St. and Polk Ave., Phoenix, for St. Mary's Parish. The bldg., which will be used for a parochial school, will contain 12 rooms, cafeteria and kitchen. Est. cost, $137,000. Comp. roof, metal covered inter. trim; battleship linoleum over conc. fls., heating by vacuum steam system, tile toilet room fls; glazed brick corridor fls.; fireproof doors and windows, reinf. steel, metal lath, art stone, oil burner, fire escapes, motors, etc., will be required.

SACRAMENTO, Cal.—Until Feb. 25, 5 P. M., bids will be rec. by Chas. C. Hughes, Sec'y., Board of Education, to fur. and install window draps or hangings for all balcony windows and openings of new auditorium at New High School building, 34 th and W Sts Materials may be of any kind such as Velour, Damask, etc., and of a color scheme. Alternate bids will be considered for Nolite or Opaque shades for all windows, transoms, doors and other openings below balcony section. Cert. check 10% payable to Bd. of Edu. req. with each bid. Spec. obtainable from Sec'y. at the School Administration Bldg., 21st and L Sts., Sacramento.

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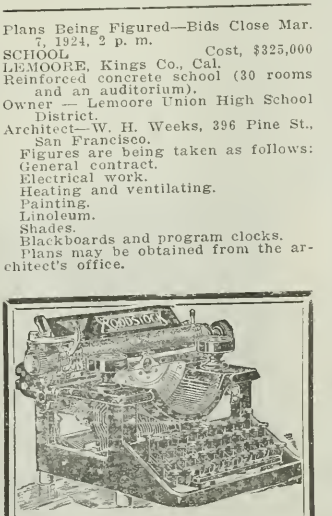

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KETCHIKAN, Alaska—Warrack Construction Co., Seattle, Wash., at approx. $150,000 awarded contract to erect 2-story and basement fireproof high school from plans of Architects Lawton & Moldenhour, Alaska Bldg., Seattle. Will contain 15 classrooms, auditorium and gymnasium.

PASADENA, Los Angeles Co., Cal.—H. O. Clarke Co., 588 S. Raymond Ave., Pasadena, has been awarded a contract on a fixed fee, guaranteed cost basis, for all work complete for erecting an open-air school building atPasadena open air school building at Pasadena tion. Myron Hunt, 1107 Hibernian Bldg., is the architect. The building will be one-story 270x50 feet, hollow concrete wall construction, tile roofing, pine trim and floors, gas heating. Cost, $50,000.

REEDLEY, Fresno Co., Cal.—Jolly & Jolly, 547 Echo St., Fresno, at approx. $32,800 awarded contract by Reedley Joint School District to erect new school from plans of Architects Ernest J. Kump Co., Rowell Bldg., Fresno. Other contracts let bring the cost of the structure to $87,900.

MADERA, Madera Co., Cal. — Until Feb. 23, 10 a. m., bids will be rec. by H. M. Tyrell, clerk, Madera School District, to level and bring Washington school grounds to grade. Spec. obtainable from clerk in Lincoln School Building.

SAN FRANCISCO—Until Feb. 20, 3 p. m., bids will be rec. by Board of Public Works to furnish and install chairs in auditorium gallery of Pacific Heights School, northwest corner of Jackson and Webster Sts.; est. cost $700. Plans obtainable from Bureau of Architecture, 2nd floor, City Hall.

HANFORD, Kings Co., Cal.—J. F. Brown, Hanford, at $31,458 awarded contract by Hanford High School District to erect Class C shops building. Coates and Traver, architects, Rowell Bldg., Fresno.

MODESTO Stanislaus Co., Cal.—Until Feb. 27, 8 P. M., bids will be rec. by Kathleen G. Prewett, sec'y., Board of Education, to fur. and install 17 Hulbert electro steam radiators in the Capital school. Cert. check 10% payable to President of Bd. of Educ. req. Spec. obtainable from secretary.

SAN FRANCISCO—Until Feb. 20, 3 P. M., bids will be rec. by Board of Public Works to fur. and install window and door shades in the Horace Mann school, Valencia St., bet. 23rd and 24th Sts. Est. cost, $700. Plans obtainable from Bureau of Architecture, 2nd floor, City Hall.

SEATTLE, Wash.—City Architect F. A. Naramore is completing plans for proposed $190,000 addition to the West Seattle high school. Bids will be asked in about 30 days.

Prel. drawings have been completed for the $150,000 unit of the intermediate school near the Lincoln high school in the Wallingford District.

JEROME, Ariz.—Archts. Lescher & Mahoney, Bank of Arizona Bldg., Phoenix, are preparing plans (to be ready in 60 days) for a 2-story brick and plaster elementary school bldg. to be erected in Jerome for school dist. No. 9. Est. cost, $100,000. It will contain 13 rooms. Conc. found., plas. over brick exter., tile rf., maple fls., steam htg.

MONTEBELLO, L. A. Co., Cal.—Until 8 p. m., Feb. 23, bids will be rec. by trustees of Montebello high school district for the following contracts for completing the Montebello high school bldg.: Sheet metal work, cement work, carpenter work, electric wiring, heating, ventilating, steel partitions, sash and doors, flooring, painting, clocks and bells, roofing, plastering. Plans and spec. may be obtained from Jeffery & Schaefer, architects, 1106 Kerckhoff Bldg., L. A.

CROCKETT, Contra Costa Co., Cal.—Until Feb. 26, 7 p. m., bids will be rec. by S. D. Bishop, clerk, John Sweet Union High School District, to extend heating system in John Sweet school. Cert check 10% req. with each bid. Plans obtainable from clerk.

LOS ANGELES, Cal.—Archt. Harry Hayden Whiteley, 634 S Western Ave. has completed plans for a new school bldg. to be erected at Micheltorena school site. It will contain seven classrooms and an auditorium; brick construction, 2-story and basement; cost $90,000. The board of education will advertise for bids shortly.

LOS ANGELES, Cal.—Richards-Neustadt Co., 804 Trust & Savings Bank Bldg., have the contract on a percentage basis to alter and add a 2-story top addition to 4-story mercantile bldg. at 525 S Broadway, for Hinz & Landt. Charles F. Plummer, 1108 Story Bldg., archt. The work will include structural steel frame, brick walls, terra cotta front, plate glass, new footings, freight and passenger elevator, deepening basement, comp. rfg., tile and marble work, ornam. iron work, hardwood and cement floors.

LOS ANGELES, Cal.—Barkelew and Gould, 505 Salem St., Glendale, were awarded the general contract at $122,071 for erecting frame and plas. gymnasium bldgs. at San Pedro high, Van Nuys high and San Francisco high schools; Albert C. Martin, 228 Higgins Bldg., archt. Wiring was let to American Electric Constr. Co. at $4259.20, and painting was awarded to H. H. Mann at $5220. Bids for heating were rejected and contract awarded to Coast Radiator Corp. under annual supply constract. Bids for plumbing were rejected and work will be readvertised.

SAN BERNARDINO, San Bernardino Co., Cal.—Archt. Howard E. Jones, 405 Katz Bldg., San Bernardino, has completed plans for the new $300,000 junior high school bldg. Plans and spec. will be ready for bidders not later than March 20.

NOTE:—The following K.C.B-like letter from "Iona Ford" was received by Sandy Pratt, President of the Pratt Building Material Co., operating sand producing plants at Marysville, Prattco (Monterey Co.), and Sacramento. Also a rock and gravel crushing plant at Prattrock (near Folsom) on the Tahoe-Placerville Highway. Sandy has signs at most of these places which read: "Speed limit 99 miles per hour, Fords do your best," and Sandy's rock, sand and gravel companies own four Fords so Sandy can sympathize with "Iona Ford," who reads "Pratt's Concrete Mix" in the Bee every Saturday. Below is his "literary gem."—It is good—Sandy.

Sacramento, February 8th, 1924,
Dear Sandy,
% Pratt's Sand Pit,
12th Street Road,
Near American River Bridge.

WE READ the Sacramento Bee.
* * *
THE BLESSED wife and me.
* * *
SATURDAY'S WE never miss.
* * *
YOUR "PRATT'S Concrete Mix."
* * *
I'M VERY sorry to say.
* * *
WE'VE HEARD some kicks.
* * *
AND SO you see.
* * *
I'LL TELL it all to thee.
* * *
'TIS ABOUT that sign of yours.
* * *
AND BOLDLY challenges.
FORDS TO do their best.
* * *
DOWN THAT crooked lane.
* * *
NOW, SANDY you could not.
* * *
MAKE THE grade.
* * *
IN YOUR tin can.
* * *
ADMIT IT like a man.
* * *
AND GET a real good painter.
* * *
TO FIX that sign to say.
* * *
WELCOME TO the biggest.
* * *
AND WELCOME to the best.
* * *
SAND PIT on earth.
* * *
(SIGNED) IONA Ford.

This beautiful California Scene is located near the 12th Street bridge of the American River where Sandy Pratt, President of the Pratt Building Material Co., has his mammoth sand washing and screening plant. Sandy's other sand, rock and gravel plants are located at Marysville, Prattrock (near Folsom) and Prattco (Monterey County). Sandy "believes in signs." The Sacramento-Roseville stage, made by White Co. is part of the scenery.

SPRING VALLEY WATER COMPANY
375 SUTTER STREET

JOHN J. SHARON
ASSISTANT TO THE MANAGER

SAN FRANCISCO, CALIF.,

December 28th, 1923.

Crowe Glass Company,
1055 Post Street.,
San Francisco, California.

Gentlemen:-

Accept my sincere thanks for your kind holiday greetings.

The theme co-operation is particularly well chosen, but I must decline to take much credit upon myself and would be particularly remiss if I did not commend you upon the way the Spring Valley Water Company office building was enclosed from the second to the seventh floors after the order was given to proceed. Likewise, the ready response and the efficient results when other portions of the work were ordered, made co-operation with your firm one of the most pleasant in my experience as Supervising Engineer of Construction of Spring Valley office building in 1923. With labor conditions as they were during the past year, I think it truly remarkable the way your firm handled the work.

Assuring you of my most cordial friendship and wishing your firm a very prosperous 1924, I am,

Very truly yours,

To Our Many Friends

We wish to announce that due to our ever increasing business, we had to enlarge and secure new quarters and have taken over the business of SCHWARZ & GOTTLIEB, located at

574 EDDY STREET, SAN FRANCISCO,

and have removed our entire plant to that location.

New Phone PROSPECT 612.

WHITTIER, L. A. Co., Cal.—Engr. Harvey H. Lockridge, 700 Markwell Bldg., Long Beach and Archt. George M. Lindsey, 327 Laughlin Bldg., Los Angeles, are preparing preliminary plans for an additional unit to the Whittier elementary school, to be elected at the Whittier elementary school site, for the Long Beach Board of Education. It will contain auditorium to seat 450 16 classrms. to include boys' and girls' playrm., kindergarten department, with recreation room 40x 40 ft. and studyrm. 16x25 ft., open air room for children, locker and toilet rooms, domestic science and manual training departments, nurses room, lunchroom and kitchen with a capacity of 200 people, two ½ unit classrooms, general storage room and boiler room. Brick walls, tile and comp. rfg., art stone trim, oak, cement and battleship linoleum fls., conc. stair and boiler room constr., universal or simplex windows, tile toilet walls, marble toilet partitions, steam htg. sys., pine and oak trim; $230,000. Plans will be made in conjunction with both the archts. and engrs. office.

LOS ANGELES, Cal.—Archts. Poper, Kanrs, Dedrick & Eobbe, 441 E. First St., Long Beach, have been commissioned by the Long Beach Board of Education to prepare plars for a $65,-000, including equipment, 8-room addition to the Temple grammar school. Bonds in the sum of $4,900,000 voted.

Segregated Figures Being Taken.
SCHOOL, ETC. Cost, $—
SAN ANSELMO, Marin Co., Cal.
Two-story and basement reinforced concrete parochial school and 2-story frame convent.
Owner—Roman Catholic Archbishop.
Architect—Leo J. Devlin, Pacific Bldg. San Francisco.

SEATTLE, Wash.—Architect & Engineer Henry Bittman, Securities Bldg. commissioned to prepare plans for 2-story, 146 by 146 ft. Class A school to contain 12 large classrooms with auditorium seating 700. Will be known as St. Benedict's school; est. cost $125,000.

TRACY, San Joaquin Co., Cal.—Until Feb. 26, 8 p. m., bids will be rec. by F. H. Westlake, clerk, Tracy Grammar School District, (1) to const. floor in gymnasium at West Park school, 40 by 70 ft. sub-floor of O. P. with hardwood surface floor; (2) cover brick wall of gymnasium 9 ft. high, 60-ft. long, with T & G including painting; (3) fur. and install 40 running lockers, 5-ft. in length, over all, similar to those in place in West Side High School gymnasium. Cert. check $200 payable to clerk req. with each bid. Further information obtainable from clerk.

BANKS, STORES & OFFICES

Contractors Taking Sub-Figures.
STORE & OFFICE Cost, $20,000
SAN FRANCISCO, NE Mission and 19th Sts.
Two-story reinforced concrete store and office bldg.
Owner—Klopstock Bros., 3320 18th St., San Francisco.
Architect—S. L. Hyman & A. Appleton 68 Post St., San Francisco.
Contractor — J. Spargo & Son, Russ Bldg., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $15,000
OAKLAND, SW 12th and Franklin. Alterations.
Owner—Carl Burg, Phelan Bldg., San Francisco.
Contractor—F. T. Kennedy, 439 9th St., Oakland.

Contract Awarded.
STORES Cost, $33,000
OAKLAND, W Clay St. 60 S 16th.
One-story concrete stores.
Owner—M. Stulsaft Co.
Contractor—H. P. Hoyt, 822 Monadnock Bldg., San Francisco.

Figures To Be Taken Next Week.
ADDITION Cost, $9500
SAN FRANCISCO, N Golden Gate Ave. W. Folk.
One-story concrete addition to present 1-story auto sales building.
Owner—Withbeld.
Architect—O. R. Thayer, 110 Sutter St. San Francisco.

Sketches Being Prepared.
STORE & LOFT BLDG. Cost, $—
SAN FRANCISCO, Post St., bet. Powell and Mason.
Five-story reinf. concrete and terra cotta store and loft bldg.
Owner—Proctor & Chamberlain.
Architect—Meyer & Johnson, Bankers Inv. Bldg., San Francisco.

PORTLAND, Ore.—See "Garages," issue. Carl L. Linde, architect, preparing plans for 16 stores and garage building.

Sub-Figures Being Taken.
ADDITION Cost, $100,000
OAKLAND, Broadway and 11th St.
Two-story class A addition to bank.
Owner—Bank of Italy.
Architect—H. A. Minton, 550 Montgomery St., San Francisco.
Sub-figures are being taken by Mr. Cuneo, constr. mgr. of the bank, 550 Montgomery St., San Francisco.

Figures to be Taken in A Week.
STORE BLDGS. Cost, $16,000 each
SAN FRANCISCO. E Fillmore St. N O'Farrell.
Two one-story reinforced concrete store buildings (2 stores in each).
Owner—Lester Loop.
Architect—S. Heiman, 57 Post St., San Francisco.

Plans Being Figured.
STORE & WHSE. Cost, $20,000
BERKELEY, Center St. near Shattuck Avenue.
One-story reinforced concrete store & warehouse.
Owner—F. L. Naylor.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Bids are being taken for a general contract.

DELANO, Kern Co., Cal.—See "Theatres," this issue.

Contract Awarded.
STORE BLDG. Cost, $20,000
BURLINGAME, San Mateo Co., Cal.
One-story reinforced concrete store bldg. (4 stores).
Owner—Jules & Celestine J. Flobert, 1379 26th Ave., San Francisco.
Architect — Alfred Kuhn & Thos. M. Edwards, associated, 833 Market St., San Francisco.
Contractor—Cochrane, Boehm Co., 79 New Montgomery St., S. F.

Light Fixture Bids Being Taken — Granite Contract Awarded.
OFFICE BLDG. Cost, $1,500,000
SAN FRANCISCO, SE Market & Beale Streets.
Seventeen-story and basement class A brick, steel and concrete office building.
Owner—Pacific Gas & Electric Co.
Architect — Bakewell and Brown, 251 Kearny St., San Francisco.
Consulting Engineer — C. H. Snyder.
Consulting Mechanical Engineer — Hunter & Hunter.
Figures are now being taken by Mr. Mahoney of the P. G. & E. Purchasing Department for the light fixtures to be opened on March 10th.
The granite was awarded to McGillvray Raymond Granite Co. at approx. $10,000.
Bids for the sidewalk lights are under advisement.

LOS ANGELES, Los Angeles Co., Cal. —Architect Edward Cray Taylor and Ellis Wirg Taylor, engineer, 713 W. 8th St., are preparing plans for a twelve-story Class A office store and loft building to be erected on the west side of N Broadway, opposite Court St., for M. Lombard and Chas. Pico. It will contain 2 stores and barber shop on the first floor with office and lofts above. Reinforced concrete construction, 45x 100 ft., pressed brick and terra cotta facing, steam heating system, sidewalk lift and 2 electric elevators, composition roofing, steel sash, tiled toilets. It is planned to build 3 stories at this time.

LOS ANGELES, Cal.—Preston S. Wright and F. M. Aiken have secured a 99-year lease on property at the southeast corner of Fifth and Figueroa Sts. and contemplates the erection of a 12-story and basement Class A store and office building. The site is 60x167 ft. The building will be of reinforced concrete construction. Plans will be prepared and construction work handled by the Preston S. Wright Co., 2981 W. 6th St.

HUNTINGTON PARK, L. A. Co., Cal. —Archts. Farrell & Miller, 700 Western Mutual Life Bldg., L. A., are completing plans for a 3-story store bldg. to be erected on Pacific Blvd., Huntington Park, for Whipple & McDonald. Three-story 48x150 ft., brick walls, art stone facing, comp. rfg., tile, cement and pine fls., struc. steel, steel sash, electric freight and passenger elevators; $40,000. Owners will erect by day labor.

LOS ANGELES, Los Angeles Co., Cal. —Edwin M. Holman of Worcester, Mass., has secured a 99-year lease on 332 N. Brand Blvd., through Rhoades & Smith realtors, 106 E. Wilson Ave., Glendale, where he states he will erect a business block when present lease expires. Total lease rental, $297,000.

LOS ANGELES, Cal. — Archt. W. Douglas Lee, 403 Sun Bldg., is preparing plans for a 1-story and mezz. floor auto sales and garage bldg. to be erected at Whittier Blvd. and Orme Ave., for J. V. Baldwin Motor Co. Brick walls, 140x154 ft., press. brick facing, comp. rfg., cem. and pine fls., wood roof trusses, plate glass, steel sash, metal skylights, wire glass; there will be 3 stores, large repair and storage room and auto sales quarters with offices.

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ON LEFT—Stanford Court Apartments, San Francisco, California. Painted with Concreta nine years ago. This was so entirely satisfactory that Concreta was specified for repainting last year.

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LOS ANGELES, Cal. — P. J. Walker Co., Merchants National Bank Bldg., has the contract to erect a 10-story and basement class A mercantile bldg. on the east side of Hill St. near 7th St. for Bullock's Department Store. John Parkinson and Donald B. Parkinson, 420 Title Insurance Bldg., archts. Llewellyn Iron Works has the contract for furnishing and erecting the structural steel. Dimensions, 40x139 ft., steel frame construction, brick filler walls, reinf. conc. flrs., press. brick and terra cotta facing, plate glass, 6 pass. senger elevators, 1 service and 1 freight elevator; $400,000.

LOS ANGELES, Cal.—Macdonald & Kahn, Loew State Bldg., will be the contractors for the 13-story and basement class A medical office bldg. to be erected at s.e. cor. of 8th and Francisco Sts. for Eight and Francisco Holding Co., Dr. F. E. Morgan, president. Walker & Eisen, archts., 330 Pac. Finance Bldg., will commence the preparation of working plans shortly. The bldg. will be 100 by 184 ft., reinf. conc. construction, press. brick and terra cotta facing, plate glass, marble and tile work, elevators, steam heating.

PORTLAND, Ore.—Architects Schacht & Bergen, Yeon Bldg., preparing prel. plans for a six or seven-story fireproof office building to be erected for the Western Bond & Mortgage Co., at the northeast corner of Broadway and Oak streets. More than $1,000,000 is involved in the lease and building program.

EUREKA, Humboldt Co., Cal.—Myron Walsh has let contract to Carrico and Carrico, Eureka, to erect a one-story and basement frame and stucco store building at 6th and F Sts. Structure will contain 6 stores and will cover area of 80 by 120 ft. Will be steam heated. Frank T. Georgeson, architect, Eureka.

THEATRES

Plans Being Figured.
BANK & THEATRE Cost, $50,000
DELANO, Kern Co., Cal.
One-story bank and theatre building.
Owner—Growers Security Bank.
Architect—Chas. Biggar, Bank of Italy Bldg., Bakersfield.

INGLEWOOD, Los Angeles Co., Cal. —Architect Leonard L. Jones, 603 Grosse Bldg., is completing plans and will take bids soon for a Class C theatre building to be erected at Inglewood for Arthur Bennett. It will have a seating capacity of 1200 people and 3 stores. Brick walls, 75x150 ft., pressed brick facing, cement and hardwood floors, plate glass, steam heating, structural steel and basement.

OCEAN PARK, L. A. Co., Cal.—Raymond Amusement Co. has obtained a long term lease from the Lick interests on the site of the old Dome theatre and plans to erect an Egyptian style theatre bldg. to seat 2400. The bldg. will be of class A constr.; cost $250,000. Jim Sams, vice pres. and gen. manager.

LOS ANGELES, Los Angeles Co., Cal. —Hill-Friedman Co., 1812 W. 7th St., are having preliminary plans prepared for a Class A theatre and store building to be erected at the northwest corner of Crenshaw Blvd. and West Adams St. It will contain a theatre with a seating capacity of about 2500 people and there will also be 7 stores. The building will probably cover the entire site which is 210x210 feet and will be of reinforced concrete construction with plastered exterior. Cost, $250,000.

HUNTINGTON PARK, L. A. Co., Cal —Arthur G. Lindley and Chas. R. Selkirk, assoc., 800 American Bank Bldg., have completed plans and are taking bids on general contract for a class A theatre bldg. to be erected on S Pacific Blvd., Huntington Park, for Hulsman & Boyd; the theatre has been leased to the West Coast Theaters Inc; it will have a seating capacity of 1800 people and there will be shops and offices in the bldg. Three-story 114x 150 ft., reinf. conc. constr., comp. rfg., cem. and hardwood fls., ornam. iron work, large lobby; $200,000.

PORTLAND, Ore.—Architect Carl L. Linde, Artisans Bldg., preparing plans for one-story 100 by 100 ft. theatre and (5) store building to be erected at 20th and Glisan Sts., for Coe A. McKenna, et al. Will be fireproof construction; theatre will seat about 500.

WHARVES AND DOCKS

SUMMERLAND, Cal. — Application has been made to U. S. Engineer Office by R. H. Herron of Los Angeles, for permission to construct three wharves 15 feet wide and extending into the Pacific Ocean 500 feet from high water line, the wharves to be located 920, 1320 and 1720 feet, respectively, easterly of the easterly boundary of Summerland, Calif.

SAN DIEGO, Cal.—Engr. Frank G. White, in charge of pier construction, has recommended to the harbor commission action on bids for furnishing supplies for the new municipal pier, as follows: Acceptance of Bethlehem Co. for switch tongues and other material, at $765; acceptance of United States Steel Products company for 85-lb. tee rails at $51.50 per ton, with $2 off for No. 2 rails; acceptance of United States Steel Products company for tie plates at $72.20 per ton. The lowest bid for rail joints was that of the Bethlehem Steel company at $7 each, which the engineer states is too high.

SAN FRANCISCO—See 'Government Work and Supplies," this issue. Bids wanted for wharf repairs

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded.
EXCHANGE BLDG. Cost, $69,000
SAN FRANCISCO, E Capp bet. 25th & 26th Streets.
Four-story and basement reinforced concrete telephone exchange bldg.
Owner—Pac. Tel. & Tel. Co., Sheldon Bldg., San Francisco.
Architect—E. V. Cobby, Sheldon Bldg., San Francisco.
Contractor—Monson Bros., 251 Kearny St., San Francisco.

Permit Applied For—To Be Done By Day's Work.
BATH HOUSE Cost, $50,000
SAN FRANCISCO, SE Taylor & Lombard Streets.
Two and 3-story and basement frame bath house.
Owner — Edw. Cerruti, 991 Columbus Ave., San Francisco.
Architect—P. Righetti, 12 Geary St., San Francisco.

Working Drawings Being Prepared.
BUILDING Cost, $100,000
SAN FRANCISCO, 7th and Howard Sts.
Three-sto. reinforced concrete "Blindcraft" building.
Owner—S. F. Association for the Blind
Architect—H. H. Meyers, Kohl Bldg., San Francisco.

CLAWSON PATENT CHIMNEY CO.

CLAWSON'S PATENT CHIMNEY is the Most Complete on the Market

CLAWSON'S FURNACE GRATE for Gas, Coal or Wood

CLAWSON'S HOODS and DAMPERS for Open Fireplaces

Experts in Curing Smoky Flues and in Ventilating

Terra Cotta and Galvanized Iron Chimney Tops Erected Chimney Sweeping

149 GOUGH STREET
Phone Park 6092 San Francisco

LOS ANGELES, Cal.—Anton Johnson Co., 1007 S Grand Ave., was low bidder at $43,489 for erecting a 3-story and basement class C bldg. on Olive St. south of 10th St. for Universal Film Exchange. Plans prepared by Milwaukee Building Co., 315 Wright & Callender Bldg. Dimensions 50x123 ft., brick walls, press. brick & terra cotta facing, plate glass windows, steel sash, steel columns and beams, wood floors, elevator. The bids were: Anton Johnson Co., $43,489; J. S. Metzger & Son, $52,769; walter Slater Co., $55,300; Leavers-Culbertson Co., $58,328; Macdonald & Driver, $59,759; North Pacific Construction Co., $59,992; Pozzo Construction Co., $60,507; K. R. Bradley Construction Co., $66,765.

FRESNO, Fresno Co., Cal.—Burnett Iron Works, Fresno, at $335 awarded cont. by city commissioners to construct bear cage in Roeding Park.

OAKLAND, Cal.—Provision will be made in the 1924-25 budget for sufficient funds to finance construction of a drill tower for the fire department. E. K. Sturgis is city clerk.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from the Domestic and Foreign Trade Bureau of the Chamber of Commerce, Merchants' Exchange Bldg., San Francisco:

7859—Tokio, Japan. Firm wants to buy, against letter of credit, door hinges, handles and locks, door self-closing apparatus, and all kinds of builders' hardware.

7860—Hakodate, Japan. Firm wants to buy a caterpillar tractor in San Francisco. Requests catalogs, price lists and full particulars.

7862—Hamburg, Germany. Large exporter desires to quote prices to San Francisco importers of dry, mineral or metal colors.

7863—Valdivostok, Russia—Firm desires to import farming machinery and implements from the United State. Requests catalogs and quotations C. f. F. Vladivostok.

7870—New York, N. Y. Trading company desires to assist San Francisco firms in selling their goods to Spain.

7872—San Francisco, Calif. Saleswoman possessing several years' advertising experience in China and United States, is returning to Far East for extended period. She will undertake, on commission basis, representation for San Francisco firms.

7874—San Francisco, Calif. Firms interested in selling their lines throughout Canada, are desired for interview by salesman with widest experience and a knowledge of this field.

CD-116—New Mexico. Party desires to have opportunities submitted to cover a business investment of $20,000.

D-1067—Chicago, Ill. Advertising specialties company marketing Mayers Vac-U-Holdup, desires to secure salesman or sales organization to handle same in this territory; also anxious to get in touch with live jobbers making a specialty of advertising products.

D-1068—La Grande, Ore. Gentleman wishes to communicate with timber buyer. Has White Cedar, Spruce and Red Fir for sale resonably.

D-1069—Hastings, Nebraska. Nebraska City of 11,000 population wants to secure manager fo newly constructed Civic Auditorium. Will pay salary and percentage of net profits.

D-1070—Cicero, Illinois. Manufacturers of Electric Washer wishes representation in San Francisco.

D-1073—New York. Manufacturers of Industrial Corrugated Asbestos Cement Roofing Material(are anxious to make connection with a reputable supply house to take care of their interests in this district.

D-1076—Pittsburgh, Pa. Representative of established Eastern concern is in San Francisco to negotiate with steel brokers or dealers in wholesale building materials for placing of agency.

Leads for Business

ADDRESS WANTED—Marland Oil Co.
CANDY—Mrs. Cora Teague, 510 Jones.
Marie Marisch, 1596 Church.
CLEANING AND DYEING — Parisian Cleaning & Dyeing Works, (Harry Wright and Henry McBreen), 505 Gough.
CLOTHING — Sunset Toggery, 647 Irving.
ENGRAVERS & Modern Engraving Shop, 462 Battery.
FLORISTS—Thos. Kokenos, (Polk St Florist), 1104 Polk.
GROCERS—Saml. Weinstein, 129 Lyon.
HAIR SPECIALIST—Ida Little, 177 Post.
LAUNRDY—Van Crasynest & Lague, 2751 Mission.
LUMBER — C. X. Wondling, Newhall Bldg.
MACHINERY—J. E. Knapp Co., Underwood Bldg.
MORTICIANS—Jas. H. Reilly & Co., 929 Valencia to 1598 Dolores.
RESTAURANTS—La Rosa Restaurant, 1832 Fillmore.
Koch & Weibel, 690 3rd.
SALVAGE—U. S Salvage Assn., (D. C. Young), Dollar Bldg. to Matson Bldg.
SEEDS AND BULBS—R. C. McGill & Co., 429 to 209 Davis.
TEXTILE—Western Woolen Co., 117 Grant Ave. to 85 Post.
MISCELLANEOUS — Mathieson Alkali Works, 862 Mission.
LEASE—Feb. 1, 1924—Olive E. L. Fitz to W. H. McFarland—863 Waller St. Apt. 7, 1 year, $67.50 per month.
ASSIGNMENT OF LEASE—Jan 15 1924—Franklin A. Ochm to William A Herman W. and Ulrich F. Remensperger and Harry T. Knoph—SE Valencia and 17th 100 on Valencia by 100 Nos 601-621 Valencia St.
APARTMENTS—Architect R. R Irvine, (Call Bldg), preparing plans for $35,-000 nine apt. building, Ocean Ave.
APPRAISERS-Ewart Hart Co. (cargo) 310 California.
ATTORNEYS—J. A. Ballentine, 74 New Montgomery to 105 Montgomery.
W. R Millington, 821 Market to United Bank Bldg.
AUDITORS—Califarnia Freight Auditing Bureau, 821 Market to United Bank Bldg.
AUTOGRAPH REGISTERS — United Autographic Register Co., Underwood Bldg., to 114 Bush.
AUTOMOTIVE — Chrysler Motor Corp., 870 Market.
Virgil T. Abbott, (shop), 108 Perry.
Frank Miller Co, Inc., Mr. Snowden, Mgr., (auto and chemical specialties), 17th and Connecticut.
C. E White, (garage) 2833 Army.
Frank Petterle Service Station, 4300 Mission.
BAKERIES — Standard Bakery, 2767 21st to 3045 24th.
BEAUTY PARLORS—Juvenile Beauty Shop, 2883 Mission.
BOILER COMPOUNDS—Garrett-Callahan Co., 30 Fremont to 148 Spear.
BOOKS AND STATIONERY—Cressy History Sales Co., 567 Mission.
CHINESE MDSE—Kam Fat Yuen Co., 1027 Stockton.
CHIROPRACTORS—John Bobu, 305 6th Ave. to 4403 California.
CLEANING & DYEING— K. Kato, (with Chun & Wangpo), 812 Post
American Cleaning & Dyeing Works, 560 to 440 Bolbon.
Sanitary Cleaning & Dyeing Co., 1162 Scott.
CLOAKS AND SUITS—Chicago Cloak & Suit Co., 39 Taylor to 983 Market soon
CLOTHING—L. & J. Clothiers, (M. Edelman may have changed), 1017 Howard.
COLLECTION AGENCIES—Great Western Investigating Bureau, Chancery Bldg.
DENTISTS — Dr. R. H. Saalfield, 209 Post.
DRAYAGE—Howard Express Co., 713 Howard.
Golden Gate Transfer Co., 389 to 343 O'Farrell.
DRUGS—Seymour Drug Co., Inc., offices 598 Haight
Shumates Prescription Pharmacies (1610 Divisadero), to open additional branches SE Pacific and Mason and store to be erected SE Masonic Ave. and Fulton.
M. P. Boehme, 601 Bush.
ELECTRICAL — Hoskins Mfg. Co., (electric furnaces and pyrometers), 1151 Market.
U. S. Engineer, 85 2nd to buy transformer and motor starter Feb. 11.
FURNITURE—A. G. Frank, (821 Mission), 739 Mission.
GROCERS—F. Marchuk, 3121 Fillmore.
Henry F. Bogel, (1162 Ellis), 3295 22nd.
Marconi Market, 2400 Polk
HATS AND CAPS—Fisher & Co., (J. S. Andrews), 666 Market, 780 Market & 572 Market to 646 Market.
HEATING SYSTEMS — Perham W. Wood, 385 1st.
ICE PLANTS — Veterans' Hospital, Livermore, to purchase ice making machine and refrigeration plant, March 28.
INSURANCE—American Equitable Assurance Co., Pacific States Fire Ins. Co. and Oregon Underwriters, 348 Pine to 56 Sansome.
California Underwriters Bureau, Exchange Blk.
LUMBER—C. F. Folsom, Marvin Bldg.
MACHINES—Empire Milking Machine Co., 605 Battery to 342 Washington.
MARBLE AND GRANITE —Alhambra Stone Co., 3212 16th.
MILLINERY — Zander Millinery, 5409 Geary
OIL—Record Oil Co., Caribou Oil Mining Co., Santa Marina Bldg., to Matson Bldg.
PHOTOGRAPHERS — G. Cheremnich, 133 Clement.
PRINTING — Davis Printing Co., 74 New Montgomery to Underwood Bldg.
PUBLISHERS—F. E. Williams, Hewes Bldg.
RESTAURANTS Mrs. Kane, 200 Drumm
Connolys & Morgan, 53 Trinity.
G. Biagiotti, 3146 Pierce to 3231 Fillmore.
SCHOOLS—Folsom Union High School to erect $60,000 six-room, gym. and auditorium school building, Folsom.
SECURITIES—Culley & La Tourette, 1207 Van Ness Ave.
SIGNS—City Clerk, Vallejo, to purchase 60 enameled street signs March 3.
California Decalcomania Co., (Mr. Williamson), 3101 Folsom.
TAILORS-Antonio Catarina, 1015 Bush to 163 Sutter.
S. Brody, 2008 Bush.
TEXTILE—Robt. Karmelenski, (woolens), 117 Grant Ave. to 85 Post.
WATER CHLORINATOR — Frank E. Leslie, Senior Surgeon U. S. Veterans' Bureau, Palo Alto, wishes to purchase chlorinator
WELDING AND BRAZING—Western Welding Co., (Mr. Ross), new shop, 884 Folsom.
Great Western Cutting & Welding Co., Inc. and Victor Oxy-Acetylene Equipment Co., 884 to 842 Folsom.
MISCELLANEOUS—Western Distributing Co., 437 Duboce Ave
Rosenthals Sale Store, 970 Market.
K. Y. Chan, 216 Pine.
Architect B. G. McDougall, 393 Sacramento, to prepare plans Memorial Hall, Pittsburg.
Architects Masten & Hurd, 278 Post, preparing plans two $30,000 Fraternity Houses, Berkeley.
Howard Social Club, 791 Howard.
ADDRESS WANTED—Marland Oil Co.
LEASE—Jan. 26, 24—Leonard W Lang to Peter A Anderson—N Sacramento bet Kearny and Montgomery No 668 Sacramento st 3 yrs $2340.
ACCOUNTANTS—G. A. Gillin 1032 Phelan Bldg.
ATTORNEYS — H. D. Jerrett, Hewes Building.
A. A. Heer, Hearst Bldg. to 1 Montgomery.
Lawrence Frankley, Foxcroft Bldg. to 55 New Montgomery.
J. C. Siebert, 220 Montgomery.
AUCTIONEERS—Stafford Auto Products Co., 58 Sutter.
BAKERIES—Mutual Biscuit Co., 1231 Stevenson to 3402 16th.

(Continued on Page 21)

Official Proposals

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section

NOTICE TO BIDDERS

(Sidewalk, Curb and Gutter Improvements—City of Reno, Nevada)

Notice is hereby given that the City Council of the City of Reno, Nevada, invite and will receive sealed bids up to **Seven (7:00) o'clock P. M., of Monday, February Twenty-fifth, (25th), A. D., 1924,** Said bids to be filed with the City Clerk of the City of Reno, Nevada.

The work to be done consists of the following estimated quantities:

62,000 sq. ft., more or less, of hydraulic cement concrete sidewalks.

39,000 lin. ft., more or less, of hydraulic cement concrete combination curb and gutter, two foot six inches (2 ft. 6 in.) in width.

5000 lin. ft., more or less, of hydraulic cement concrete combination curb and gutter, eight foot six inches (8 ft. 6 in.) in width.

1000 lin. ft., more or less, of hydraulic cement concrete gutter two feet (2 ft.) in width.

20,000 sq. ft., more or less, of hydraulic cement concrete pavement, five inches (5 in.) thick for alley approaches.

Copies of plans and specifications may be obtained from Harry Chism, City Engineer, upon the deposit of Five ($5.00) dollars; said money to be refunded if the specifications are returned within five (5) days after the award of the contract.

Plats and plans may be seen and examined at the offices of the City Engineer or the City Clerk.

Each bid must be accompanied by a certified check payable to the City of Reno, Nevada, certified to by some responsible bank, for an amount not less than Ten (10%) per cent of the aggregate of the bid.

For further information inquire at the office of the City Engineer.

The City Council reserves the right to reject any and all bids.

Dated at Reno, Nevada, this 4th day of February, A. D., 1924.

J. B. REESE,
City Clerk and Clerk of the City Council of the City of Reno, Nevada.

NOTICE TO CONTRACTORS AND BUILDERS

Kings County—American Legion Hall

Office of Clerk of Board of Supervisors of the County of Kings, State of California.

February 5th, 1924.

NOTICE IS HEREBY GIVEN that sealed proposals and bids will be received by the Clerk of the Board of Supervisors of the County of Kings, State of California, at his office in the court-house in the City of Hanford, in said County and State, up to the hour of **eleven o'clock a. m., March 5th, 1924,** for the construction of proposed Legion Hall at Corcoran, California, in said County.

All bids must be presented under the forms to be obtained from J. R. Henderson, 109 East Tulare Street, Tulare, California, architect, or the County Clerk of the County of Kings, at his office at Hanford, California. Such bidder blanks and plans and specifications and supplemental specification may be obtained at said offices.

Proposals and bids may be submitted for either or all of the propositions as follows:

Bid A. For all labor and material in connection with the contract for building complete with tile roof.

Bid B. For all labor and material in connection with the contract for building complete with composition roof.

Bid C. For all labor and material in connection with the contract for building with ten feet omitted from the length, and three feet omitted from the width, as indicated by drawings, complete with tile roof.

Bid D. For all labor and material in connection with the contract for building, with ten feet omitted from the length, and three feet omitted the width, as indicated by drawings, complete with composition roof.

All plans and specifications and supplemental specifications must be returned with the bids, and a deposit of Ten Dollars must be made with the Clerk or the architect upon securing the plans and specifications and supplemental specifications.

All bids must be presented under sealed cover and endorsed: "Proposal of (bidder's name) for construction of Legion Hall at Corcoran, Kings County, California." Each proposal must be accompanied by a certified or Cashier's check in an amount equal to at least ten per cent of the amount bid, said check made payable to the County Clerk of Kings County, such check to be received on condition that if the proposal of the bidder be accepted, the bidder will enter into and execute a contract for the faithful performance of the work described in the plans and specifications and supplemental specifications within ten days after notification to him of award of contract, and should said bidder fail to execute the same within said ten days (not including Sundays) from the date of notification of award, such check shall be forfeited to the County of Kings to be the property of said County. All other checks will be returned to the bidders who submitted the same, and whose bids shall have been rejected.

Plans and specifications and supplemental specifications for the work to which bidders are hereby referred are on file in the office of the Board of Supervisors of the County of Kings at Hanford, and copies may also be obtained by contractors from the architect.

A bond to be approved by the Board of Supervisors of the County of Kings, will be required for the faithful performance of the contractor in an amount of not less than one-fourth of the estimated amount of the contract, and a bond to be approved by the Board of Supervisors of the County of Kings will be required for the faithful performance of the contractor in a sum not less than one-half of the estimated amount of the contract, as required by law.

The Board of Supervisors of said County reserve the right to reject any and all proposals or to accept the proposal considered by them to be the best.

By order of the Board of Supervisors of the County of Kings.

E. F. PICKERILL,
County Clerk and ex-Officio Clerk of The Board of Supervisors of the County of Kings, State of California.
(SEAL)

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

NOTICE TO CONTRACTORS

Oroville-Wyandotte Irrigation District

Sealed bids will be received by the Board of Directors of the Oroville-Wyandotte Irrigation District at the office of the Board, Oroville, California, **until 2 o'clock P. M., March 5th, 1924,** for the following works:

Ditch, including about 600 cubic yards of earth excavation; 1200 cubic yards of loose or soft rock excavation; 4200 cubic yards of solid rock excavation.

Contract will be let to the lowest responsible bidder. Plans and specifications can be seen at the office of the Board, Oroville, California.

W. J. MONRO,
Secretary, Oroville-Wyandotte Irrigation District.

NOTICE TO CONTRACTORS

(Wharf Repairs—Fort Winfield Scott)

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif. Sealed proposals will be received here until 11 A. M., Feb. 21, 1924, for driving piles, etc., for repair of wharf at Fort Winfield Scott, Calif. Information upon application.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned on **February 27th, 1924,** for constructing concrete and steel over grade railroad crossings over the Central Pacific Railroad, as portions of the State Highway system, as follows:

(1) In Elko County, near Deeth. Bids received until and opened at 1:30 P. M.

(2) In Eureka County, near Dunphy. Bids received until and opened at 2:00 P. M.

(3) In Humboldt County, near Rose Creek. Bids received until and opened at 2:30 P. M.

Plans may be examined and form of Proposal, Contract and Specifications secured at the office of the undersigned; may also be examined at the County Clerk's Office at Elko for Elko County work, Eureka for Eureka County work, and Winnemucca for Humboldt County work; the Division Engineer's Office in Elko, Las Vegas or Reno, and District Office of Bureau of Public Roads, Bay Building, San Francisco, California. Cash deposit of Fifteen dollars ($15.00) with the undersigned required for copy of plans, which will be refunded on their return in good condition, provided, that they are returned within 30 days after the opening of bids. Bids must be on proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5 per cent of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this state, stating that such Surety Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said specification, conditioned for the faithful performance of the provisions of the Contract and Specification.

Right is reserved to reject any or all bids

GEO W. BORDEN,
State Highway Engineer, Carson City, Nevada.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building Sacramento, Cal., until 2 o'clock P. M., on March 10, 1924,** at which time they will be publicly opened and read, for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Ventura County, between Southerly Boundary and Camarillo (VII-Ven-2-A&B), about thirteen and five-tenths (13.5) miles in length; thirteen and five-tenths (13.5) miles to be graded, seven and four-tenths (7.4) miles to be paved with Portland cement concrete and two and five-tenths (2.5) miles to be widened with Portland cement concrete shoulders.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated: February 11, 1924.

LEADS FOR BUSINESS

(Continued from Page 19)

BEAUTY PARLORS—Maxine Marinello Beauty Shop, 1643 to 1619 Polk.
AUTOMOTIVE—Pacific Motors Co., 113 Stillman.
Bernal Garage, 2833 Army.
Van-N Air Spring Co., 2707 Geary.
Archt. B. G. McDougall, 393 Sacramento, completing plans for $110,000 sales building for Buick Auto Sales Co., 20th and Webster, Oakland.
BROKERS — H. B. Woodward, Hewer Building.
CAMPAIGN HEADQUARTERS—Hiram Johnson, 681 Market.
CANDY—G. Martino, 796 Haight.
Benj. Baum (wholesale), 415 Battery to 586 Howard.
DENTAL LABORATORIES—G. D. Patterson, 830 Market.
DENTISTS—Dr. J. H. Shant, 1119 Market.
DRESSES—Perky Peggy Co. (Budd & Votaw, agents), 435 Mission.
ENGINES—DeLaval Steam Turbine Co., 61 Beale to 116 New Montgomery.
FIRE EQUIPMENT—C. T. Clifford and Paul Brant, 67 Main to 140 Sansome.
GLASS & GLAZING—Van Ness Glass & Glazing Co., 1743 Sacramento.
GROCERS—F. Del Prete may be successor to E. Flosi, 490 9th.
C. Perazzo, 799 Castro.
David Richetti, 1147 Folsom to 97 9th
Oakdale Grocery, 2300 24th.
HARDWARE—Fred J. Bonifield, 4102 to 4037 24th.
HATS AND CAPS—United Hat Co., 731 Market to 741 Mission.
HOSIERY—Joseph H. Clark, (Clark's Hosiery Agency), 742 Market.
IMPORTERS—Chin Mong & Co. (Canton Commercial Co. and Victor Boissere Co.), 752 Jackson.
KNIT GOODS—Nathan Cummins, 1640 Haight to 3314 Mission.
LAUNDRY—Soon Lee, 404 Grove.
MACHINE WORKS — Raisis Barber's & Mfg. Co., 170 Golden Gate Ave.
MACHINERY—Allan Cunningham Co. Inc., (Seattle), Rialto Bldg. to Matson Bldg.
MFRS. AGENTS—Waters & Doolittle, Holbrook Bldg.
MARKETS — Mission Arcado Market, 2584 Mission.
New Palace Market, 2356 Mission to 1044 Valencia.
MILLINERY—Shield Millinery Co., 731 Market to 741 Mission.
MOTION PICTURES—Marriott Production Co., 242 Turk to 255 Golden Gate Avenue.
NOVELTIES—Hendee & Fleming, 623 Call Bldg.
OIL—Breacita Oil Co., 582 Market.
PLUMBING—Leo J. Bryan, 3257 to 3221 17th.
Pacific Plumbing Supply Co., 1251 Pacific.
PUBLISHERS — Building Review, Chronicle Bldg. to Chancery Bldg.
REAL ESTATE — Geary Realty Co., 5600 Geary to 1265 9th Ave.
J. J. Jackson, 119 Montgomery.
Lang Realty Co., branch 7th Ave. and Lincoln to 10th Ave. and Irving.
RESTAURANTS—Granada Grill, 18 7th
SECURITIES—Edw. Marvin Co., American Bank Bldg.
SHOW CARDS—I. O. Jenkinson, 51 McAllister to 185 Stevenson.
SIGNS—Harold S. Harley, 502 Washington to 591 Moscow.
STUDIOS—C. H. Petry (saxaphone), 376 Sutter.
TAILORS — Particular Tailor, 592 O'Farrell.
S. F. Orignale Tailoring, 1744 Haight
TEXTILE—Mr. Darragh (linens), 652 Pacific Bldg.
TRANSPORTATION — Royal Mail S.S. Co. to 570 Market.
MISCELLANEOUS—Southern Products Co., 175 Valencia.
Gray & Rosenthal, 631 Phelan Bldg.
California West Coast Co., 1055 Mission.
Addressograph Co (W. L. Shaw, mgr) 565 Market to 45 2nd.
Tuscan Productions, 1119 Market.
J. Corbelli & Co., 1200 Pacific.
Artmark Co., 783 Mission to 341 Market.
Dr. A. A. Robinson, 870 Market.
Russian Artists Club, 1119 Market.
Bureau of Mental Testing (L R Harcourt) 821 Market.
Best Sales Co., 780 Ellis to 881 Post.
ADDRESS WANTED: Marland Oil Co.
LEASES — Feb 1, 24—Behlow Estate Company to Richard J Landucci—601 Montgomery St frontage on Montgomery 16 m or 1 & on Clay 40 m or 1 5 yrs $3460

February 13, 1924

ART STORE—China Art Co., 499 Pacific
ATTORNEYS—L. A. Madden, 220 Montgomery.
BARBERS—J. A Mitchell new shop 425 Eddy soon.
BOOKS AND STATIONERY — Neville Book Co., Underwood Bldg.
CHIROPODIST—Louis Winthall, 323 Geary.
CONTRACTORS—Cement Gun Construction Co., Clinch Mercantile Co., 582 Market.
GLASS & GLAZING—Mr. Lowe, (Long Beach Glass Co.), 200 Davis.
INSURANCE—E. C. Dana, 444 California.
MFRS. AGENTS—A. W. Donner, 200 Davis.
McGee Sales Agency, 75 Fremont.
PAINTS—Egyptian Lacquer Mfg. Co., (A. E. Smith), 50 Main.
PRINTING—Miller Litho Co., 200 Davis
SHEET STEEL—Pacific Sheet Steel Corp. erecting sheet mill in South San Francisco. Ready in April.
SIGNS—Harold S. Barley, 502 Washington to 591 Moscow.
city Clerk, Vallejo, to purchase 600 enameled street signs March 3.
TOYS—Wm. H. Stanton, 200 Davis.
WATER CHLORINATOR—Frank E. Leslie, Senior Surgeon U. S. Veterans' Bureau, Palo Alto, wishes to purchase chlorinator.
WELDING AND BRAZING — Great Western Cutting & Welding Co., Inc., and Victor Oxy-Acetylene Equipment Co., 884 to 812 Folsom.
MISCELLANEOUS — National Cash Register Co., 215 Market.
LEASES—Feb 9, 24 — W A and Gertrude Savage to E Grazzini and D Signorelli—SE cor 22nd ave and Geary St having frontage on Geary 51-8 x 100 on 22nd Ave Nos 5747 to 5753 Geary St 120 mos $54,000.
Dec 1, 23—Finck Investment Company to Jack Pinsler—NE cor Gough & Market Nos 1690 Market St, 1698 Market St & 14 & 16 Gough St 88 months $22,100.
LEASES—Jan. 31, 24—Emilienne and Louis Marty to Rebecca Malkhasian —N Clay bet Kearny and Montgomery 664 Clay st 5 yrs $27.
Feb. 1, 24—E Eddlemon to Thomas A Macdonald—335 Jones St Tivoli Garage 5 yrs $7440.
ACCOUNTANTS — G. A. Gillin, 1032 Phelan Bldg.
ATTORNEYS — H. D. Jerrett, Hewes Bldg.
A. A. Heer, Hearst Bldg. to 1 Montgomery.
Lawrence Frenkley, Foxcroft Bldg. to 55 New Montgomery.
J. C. Sieher, 220 Montgomery.
AUCTIONEERS — Safford Auto Products Co., 58 Sutter.
AUTOMOTIVE—Pacific Motors Co., 113 Stillman.
Bernal Garage, 2833 Army.
Van-N Air Spring Co., 2707 Geary.
Archt. L. C. McDougall, 393 Sacramento completing plans for $110,000 sales building for Buick Auto Sales Co., 20th and Webster, Oakland.
BAKERIES—Mutual Biscuit Co., 1231 Stevenson to 3402 16th.
BEAUTY PARLORS—Maxine Marinello Beauty Shop, 1643 to 1619 Polk.
BROKERS—H. S. Woodward, Hewer Building.
CAMPAIGN HEADQUARTERS—Hiram Johnson, 691 Market.
CANDY—G. Martino, 798 Haight.
Benj. Baum (wholesale), 415 Battery to 586 Howard.
LEASES—Jan. 31, 1924—W. Kai Wong to Blanche Barges—W Kearny 91-8 N California N alg Kearny 22-11xW 50-5 No. 123 Kearny St., 60 months, $6600.
ATTORNEYS—F. B. Wood 1 Montgomery to Chancery Bldg.
A. M. Schwarz, 58 Sutter.
AUTOMOTIVE—Acme Garage (E. A. Smith), 424 Stanyan.
CHINESE MDSE.—Chin Mong & Co., 752 Jackson.
DELICATESSEN—Louis Wassler, 505 Haight.
MARKETS—Snug Market, 2301 Market
REAL ESTATE—Villa Moset Inc., Delger Building.
Sullivan & Sullivan, 2323 Mission.
Shanklin Land Co., 316 Bush.
J. J. Stevenson Corp. to Chancery Building.
RESTAURANTS—Allen Rodway, 2385 Folsom.
Paradise Restaurant, 1937 Post.
STOCKS AND BONDS—J. N. Richardson, United Bank Bldg.
WATER SERVICE — White Diamond Water Co., 709 Larkin to 229 Clara.
MISCELLANEOUS — Visayan General Supply Co., 1 Montgomery.
ATTORNEYS—F. B. Wood, 1 Montgomery to Chancery Bldg.
A. M. Schwarz, 58 Sutter.
AUTOMOTIVE — Acme Garage (E. A. Smith), 424 Stanyan.
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Paradise Restaurant, 1937 Post.
STOCKS AND BONDS—J. N. Richardson, United Bank Bldg.
WATER SERVICE — White Diamond Water Co., 709 Larkin to 229 Clara.
MISCELLANEOUS —Visayan General Supply Co., 1 Montgomery.
LEASES——Feb. —, 24—Thomas W. Butcher to D. N. Roumhanis—SE O'Farrell and Hyde Sts No 699 O'Farrell St 10 yrs $18,900.

Engineering News Section

BRIDGES

AUBURN, Placer Co., Cal. — Until Feb. 26, 8 p. m., bids will be rec. by Mary H. Wallace, city clerk, to const. 2 rein. conc. bridges over canal of Pacific Gas and Electric Co., in Lincoln Way. Cert. check 10% req. Plans obtainable from A. J. Barieau, city eng. Carnegie Library Bldg., Auburn.

HOLLISTER, San Benito Co., Cal.—Until March 3, 2 p. m., bids will be rec. by Elmer Dowdy, county clerk, to construct 2 rein. conc. culverts on Hollister-Cienega rd. near the Crow and Hontoon Place. Spec. obtainable from W. A. Winn, County surveyor.

STOCKTON, San Joaquin Co., Cal.—Until March 4, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to remove present floor and construct new flooring in Benson Ferry Drawbridge (Joint County Bridge) over Mokelumne river on New Hope-Sacramento rd., 3-mi. north of Thornton and on Galt-New Hope Drawbridge (Joint County Bridge) over Mokelumne river, 1 mile north of Thornton. Cert. check 10% payable to Chairman of Bd. of Sups. req. Spec. obtainable from County Surv. F. E. Quail on deposit of $10, returnable.

YREKA, Siskiyou Co., Cal.—Union Bridge Co., Portland, Ore., at $5884 awarded cont. by supervisors to const. steel bridge to replace present Scott River bridge.

Siskiyou Contracting Co., Yreka, at $2454 awarded cont. to repair Griffin Lane bridge over Scott river near Fort Jones.

COLUSA, Colusa Co., Cal. — Until March 4, 3 p. m., bids will be rec. by T. D. Cain, county clerk, to const. conc bridge on Rd. 43 Old Series, about 1¼ mile nw of Sycamore in Rd. Dist. No. 2. Cert. check 10% payable to Chairman of Bd of Sups. req. Plans obtainable from Co. Bd. Eng. J. M. Felknor.

LOS ANGELES, Cal. — Frank H. Greene, 1328 S Western Ave., submitted low bid to supervisors at $2390 to const. bridges on the Palmdale-Valyermo Rd., at Stations 74 plus 90 and 82 plus 60.

W. M. Ledbetter & Co., Pacific Elec. Bldg., low bidder at $4825 to const. bridge over Coyote Creek on the Artesia-Buena Park Rd.

Mercereau Bridge & Constr. Co., 313 N Ave. 22 low bidder at $5023 to const. bridge over Coyote Creek on Centralia Avenue.

SANTA CRUZ, Santa Cruz Co., Cal.—Council orders sale of $132,000 block of $135,000 bond issue to finance Cliff Dr. improvement and construction of 3 bridges over Branciforte creek. H. Williams, city eng.

OAKLAND, Cal. — County Surveyor Geo. Posey preparing spec. for concrete bridge to span Crandall slough; est. cost $4000.

NEVADA STATE—See "Sewers and Street Work," this issue. Bids wanted by State Highway Commission to construct 3 overhead R. R. crossings.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SACRAMENTO, Cal.—Geo. Dunn has been named chairman of committee to represent the North Sacramento Chamber of Commerce in project to reclaim the North Sacramento Chamber of Commerce in project to reclaim considerable land in that section. John Holden, Sr., has been named secy. of the committee. The plan, worked out by the Sacramento Land Co., provides, by means of a series of levees and fills to reclaim a large area near the American river, now declared valueless.

MERCED, Merced Co., Cal. — Oscar Carlson and Dave Anderson, at $.14 yd. awarded cont. by Merced Irrigation District to const. canals in the Stockney Colony section.

FRESNO, Fresno Co., Cal.—City of Fresno has entered into agreement with Fresno Irrigation District to expend $54,230 for canal and ditch construct to care for sewer farm and flood waters. The improvements include: $11,000 to imp. North Ave. canal from end of Dry creek canal and const. drainage channel to Fresno slough; $27,230 to extend district's North Ave. canal to Fresno slough; $2000 to imp. Dry Creek canal from Barton Corner gates; $4500 to imp. Dry Creek canal from Tehama St. to North Ave. canal; $3000 to imp. and enlarge Thompson extension and Garfield ditches betw. Houghton and North Ave.; $1500 to improve and extend Fanning ditch to connect Dry Creek canal; $5000 for engineering and supervision costs.

OROVILLE, Butte Co., Cal. — Until March 5, 2 p. m., bids will be rec. by W. J. Monro, secy., Oroville-Wyandotte Irrigation District, to const. ditch involving 600 cu. yds. earth excavation; 1200 cu. yds. loose or soft rock excavation and 4200 cu. yds. solid rock excavation. Spec. obtainable from secy. S. J. Norris, ch. eng. for dist. Spec. obtainable from clerk. **See call for bids under official proposal section in this issue.**

IRRIGATION PROJECTS

STOCKTON, San Joaquin Co., Cal.—Petitions have been presented to supervisors seeking formation of Woodridge Irrigation District, comprising 13 parcels of land in the north end of San Joaquin county. Water is to be taken from the Mokelumne river and distributed through the system of the Stockton and Mokelumne Canal Co. A. L. Cowell, Farmers and Merchants Bldg., Stockton, is attorney for the proposed district.

MERCED, Merced Co., Cal. — State Bonding Commission authorizes Merced Irrigation District to call election to vote bonds of $3,250,000 to finance completion of upper works in district. R. V. Meikle is ch. eng. for dist.

Carbide Flare Lights

OxyAcetyleneEquipment

Goggles—Respirators

First Aid Supplies

Carried in stock

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565 HOWARD STREET

San Francisco, Calif.

Douglas 6320

LOS ANGELES, Cal.—Supervisors declare inten. to const. drainage system in "Drainage Dist. No. 8," embracing portions of the county in the vicinity of the towns of Moneta, Inglewood, Hawthorne and involv. reinf. concr. conduit, reinf. concr. channels, etc. The total cost will amount to $651,550, of which $609,200 is represented by the contract price. The work will be superintended by the county surveyor.

FRESNO, Fresno Co., Cal.—San Joaquin River Water Storage District was organized at a recent election. The district comprises 550,000 acres, 200,000 acres being in Madera county, 210,000 acres in Merced county and 45,000 acres in Stanislaus county, the remainder being in Fresno county. A co-operative storage system is planned in which the present Miller and Lux Irrigation system in Stanislaus county, including the canals and river, will be utilized.

LIGHTING SYSTEMS

ASTORIA, Ore.—City council awards contract for lighting system as follows:

Forbes Supply Co., Portland, at $14,-298 for transformers and transformer vault of system.

Ne Page-McKenny Co., Portland, at $22,400 for posts and post equipment.

Astoria Electric Co., Astoria, at $17,014.50 to furnish labor and install system.

FRESNO, Fresno Co., Cal. — City council, H. S. Foster, clerk, declares inten. (No. 8-D) to install 258 electroliers in portions of Ventura, Mono, Inyo and other sts. and aves., including necessary conduits and appurtenances. Standards will be of comb. of c. i. and steel, with single lamp and globe. Standards to be set on Port. cem. cem. conc. base, 2-ft. sq. 2-ft. deep; conduits to be galv. metal tubing. Work will be done under 1911 act. Protests Feb. 28. Wm. Stranahan, city engineer.

LONG BEACH, Cal.—Walker & Martin, Long Beach, awarded cont. by council at $10,700 to const. ornam. system in Belmont Ave., bet. Livingston Dr. and Eliot St.

PASADENA, Cal.—Council declares inten. to const. ornam. lighting system in Pasadena Ave., bet. Ave. 61 and Ave. 54, involv. 67 conc. posts; 1911 act.

BURLINGAME, San Mateo Co., Cal.—Date to open bids to install electroliers in portions of Howard Ave. and Park rd., has been extended by city trustees to Feb. 18. Bids originally to have been opened Feb. 4. C. A. Torello, city engineer.

LOS ANGELES, Cal.—Until 10 a. m., Feb. 18, bids will be rec. by Bd. Pub. Wks. to const. lighting systems under 1911 act in:

6th St., bet. Grand Ave. and Figueroa St., involv. 24 c. i. posts, complete.

Canal Ave., bet. J and Anaheim Sts., involv. 20 conc. posts, complete.

Browning Blvd., bet. Western and Van Ness Aves., involv. 44 conc. posts complete.

Cahuenga Ave., bet. Hollywood and Sunset Blvds., involv. 24 pressed steel posts, complete.

SAN RAFAEL, Marin Co., Cal.—Tamalpais Electric Co., Ross, Calif., at $1584 awarded cont. by city council to install electolier lighting system in Irwin St. Other bids: H. R. Eklund, $1,-587; Burt & Gothie, San Anselmo, $1,-616; E. Bogle, $1850; Butte Electric Manufacturing Co., $1908.

LA VERNE, Cal.—Chamber of commerce discussing installation of $15,000 ornam. lighting system. Dr. F. M. Shirk, chairman committee on this question.

LOS ANGELES, Cal—Council authorizes installation under 1911 act lighting systems in:

Beacon St., bet. 7th and 14th Sts., involv. 41 conc. posts.

South Park Ave., bet. Jefferson St. and 30 ft. n of Slauson Ave., involv. 177 pressed steel posts.

FRESNO, Fresno Co., Cal—City Commissioners, H. S. Foster, clerk, have approved preliminary specifications to install 258 electroliers in portions of Kern and Inyo Sts., in southern section of business district. Wm. Stranahan, city engineer.

BURLINGAME, San Mateo Co., Cal.—Council, J. R. Murphy, Clerk, declares inten. to install lighting system, involv. c. i. standards, in portions of Broadway, Chula Vista Ave. and San Mateo Drive. Work under 1911 Act. Protests March 3. C. A. Torello, city engineer.

SALINAS, Monterey Co., Cal.—City Eng. Howard Cozzens preparing spec. to install electroliers in city hall park; 3 standards in all.

LOS ANGELES, Cal.—Fritz Ziebarth, Gen. Del., Long Beach, submitted low bid to Bd. Pub. Wks. at $10,900 to construct ornam lighting system in 8th St., bet. Palos Verdes St. and Pacific Ave.

Fritz Ziebarth, Gen. Del., low bidder at $10,250 for ornam. lighting system in Catalina St. betw. Ambrose and Franklin Aves.

A. C. Rice, 1960 Santee St., Los Angeles, low bidder at $2328 to const. ornam. lighting system in Norton Ave., bet. Beverly Blvd. and First St.

D. S. McEwan, 127 Pier Ave, Ocean Park, low bidder at $5599.50 for ornam. lighting system in Topanga Canyon Ave., bet. Ventura Blvd. and Ybarra Road.

BAKERSFIELD, Kern Co., Cal. — Robinson Electric Co., 1162 Broadway, Fresno, at $26,600 awarded contract by council to install electrolier system in portions of chester Ave., 19th and I Streets.

BAKERSFIELD, Kern Co.—County Eng. instructed to prepare spec. to install electroliers fronting county courthouse and hall of records buildings. The standards will be connected with city lighting system.

MACHINERY & EQUIPMENT

SALEM, Ore.—Until Feb. 18, 2 p. m., bids will be rec. by U. G. Boyer, county clerk, to fur. and install electrically operated ferry at Independence, Ore. Cert. check 5% payable to county clerk. Spec. and further information obtainable from clerk.

LOS ANGELES, Cal.—E. I. Cook, 417 W Pico St., awarded cont. by Bd. Pub. Wks. at $5700 for fur. one "Best" 60 h.p. tractor without enclosed motor and driver's cab.

Brown-Bevis Co., 470 E 3rd Street, awarded cont. at $1840 for fur. one road grader of the leaning wheel type, plus $136 for one back sloper attachment. Coast Road Mchy. Co. bid $1965, attachment $167.

SAN FRANCISCO—See "Railroads," this issue. City to sell 2 Baldwin, 20-ton locomotives.

SEATTLE, Wash.—See "Government Work and Supplies," this issue. Bids wanted for car wheels.

LOS ANGELES, Cal.—Otto Hansen, 202 S Normandie Ave. awarded contr. by Bd. Pub. Wks. to furnish on a rental basis four steam shovels to the city for use on Mulholland highway work, at $650 per month of working days, 8-hour shifts, straight time; $12.50 for each additional shift of 8 hours or less worked.

LOS ANGELES, Cal.—Bids rec. by Bd Pub. Wks. for motor truck for use in connection with the North Outfall Sewer, were:

Albertson Motor Co., $2288; alternate $1845, with $418 additional for front and rear oversize tire equip. and 8 sockets for body; alternate, $1910, with $410 additional for oversize tire equip.

Moreland Sales Corp., $2547.76 plus $100 for O. P. side gates, $170 for Oak side gates.

H. J. Rudie Co.—$2568.25.

Mack-International Motor Truck Corp., $3554.79 or $3472.92 complete without side stakes.

White Auto Co.—$4395.25.

LOS ANGELES, Cal. — Norman B. Livermore Co., awarded cont. by Bd. Pub. Wks. at $35,349.60 f. o. b. Van Nuys, cal., less 1% on $32,000 if paid within 30 days after date of shipment; also less $200 should the city set up the equipment for furnishing two revolving steam shovels (Marion Model No. 32 or equal).

LOS ANGELES, Cal.—Until 2:30 p. m., Feb. 29 bids will be rec. by harbor comm., 312 Byrne Bldg., for trilby rail bumpers; spec. 590. Guy W. Wade, secretary.

RAILROADS

SAN FRANCISCO—Leonard S. Leavy, 270 City Hall, City Purchasing Agent, will sell at public auction, Feb. 18, 12 M., two 20-ton Baldwin locomotives, manufacturers' shop Nos. 51,691 and 51,692. General specifications will be furnished on request. Locomotives will be delivered to successful bidder f. o. b. cars, Bartle, Calif., a station on McCloud R. R. Bids for less than $2000 for each locomotive will not be considered.

SAN FRANCISCO—Standard Underground Cable Co., at $3181 awarded contract by Bd. Pub. Wks. to fur. copper wire for Municipal Railway system.

FIRE ALARM SYSTEMS

LODI, San Joaquin Co., Cal. — Lodi Fire Department will recommend to city trustees the installation of a modern fire alarm system in the western section of the city. J. F. Blakely is city clerk.

REDWOOD CITY, San Mateo Co., Cal —Fire Chief authorized to purchase in open market a new siren for the fire truck.

FIRE EQUIPMENT

AUBURN, Placer Co., Cal. — Until Feb. 26, 8 p. m., bids will be rec. by Mary H. Wallace, city clerk, to (1) fur. one Reo speedwagon chassis, fully equipped; (2) chemical tank equipment consisting of two 35-gal. Champion steel tanks with connections, valves, pressure gauges, 2½-in. water filling connections; 2 extra acid filling receptacles, necessary piping, spanner and all necessary tools; one 200-ft. chemical hose reel; 200-ft. ¾-in. stand. chemical hose; one ¾-in. Champion chemical nozzle; one hand operated Sterling siren fire horn; two 2½-gal. Dump Bottle No. 22 Babcock fire extiguishers. Further information obtainable from city clerk, Carnegie Library Bldg., Auburn.

HEALDSBURG, Sonoma Co., Cal. — U. S. Rubber Co., at $1 ft. submits low bid to city trustees to fur. fire hose. Other bids were. American Rubber Co., $1.10; Rose, Stevenson and Emerson (bidding for Pioneer Rubber Mills), $1.17. Taken under advisement.

SEATTLE, Wash.—Until Feb. 23, 10 A M., bids will be rec. by C. B. Bagley, Sect'y., Bd. Pub. Wks., to fur. 10,000 ft. 2½-in. double cotton jacket rubber lined hose. Cert. check 5% payable to City Comptroller req.

WATSONVILLE, Santa Cruz Co., Cal. —City Board of Alderman votes to purchase new fire truck.

MISCELLANEOUS SUPPLIES

SAN DIEGO, Cal.—Until 2 p. m., Feb. 20, bids will be rec. by city purchasing agent for 200 reels of ¾-in. std. lead pipe, in continuous lengths, f. o. b. cars, city's spur. Cert. check 5%. W. H. Cameron, city purchasing agent.

Barber Greene Model 42 Loader

Prominent Users Are

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McGillivray Constr. Co.

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SAN FRANCISCO—Until Feb. 25, 3 p. m., bids will be rec. by Leonard S. Leavy, city purchasing agent, 270 City Hall, to fur. lumber for school department. Blanks for bidding and further information obtainable on request.

SAN FRANCISCO—Until Feb. 25, 3 p. m., bids will be rec. by Leonard S. Leavy, city purchasing agent, 270 City Hall, to fur. leather belting for Mission and Galilleo high schools. Spec. and further information obtainable on request.

RESERVOIRS AND DAMS

HUNTINGTON PARK, Cal.—Howard McCurdy, Pac. Elec. Bldg., Los Angeles, commissioned by the city trustees to prepare plans and spec. for a 1,000,000-gal. reservoir to be erected at Slauson Ave. and Miles St.

OROVILLE, Butte Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, has authorized expenditure of $25,000 to const. 300,000-gal. high level concrete liner reservoir together with installation of 500 G.P.M. booster pump, motor and auxiliary equipment and 1800 ft. of 8-in. riveted steel pipe to connect the new reservoir with existing 6-in. main in Villa St., 1780 ft. of 8-n., 6-in. and 4-in. water p.pe will be laid in Virginia St. in additon to 650 ft. of water main in Wyandotte road.

VICTORVILLE, San Bernardino Co., Cal.—Mojave Irrigation District authorized by State Bonding Commission to sell $2,150,000 of a $5,000,000 bond issue to finance construction of a dam on the west fork of the Mojave river, 9-mi. east of Victorville, to supply water to 27,000 acres in district.

PIPE LINES, WELLS, ETC.

LONG BEACH, Cal. — F. L. Peck, city purchasing agent, is placing orders for 77,700 ft. gas pipe in small quantities in order that the work on the gas plant may proceed in spite of the injunction secured by John A. Rodgers against the United Pipe & Supply Co., to prevent the delivery of the pipe to the city's gas plant site.

LONG BEACH, Cal.—Associated Supply Co. and Mark-Lally Co. submitted identical bids at $64,565 to fur. gas pipe to the city of Long Beach for use in the new municipal gas system. The final award of the cont. will be governed by the discount allowed.

OROVILLE, Butte Co., Cal. — See "Reservoirs and Dams," this issue. P. G. & E. improvements.

SEWAGE DISPOSAL PLANTS

POMONA, Cal.—It will be necessary to raise $25,000 additional to pay for the proposed new sewer disposal plant, estimated to cost $125,000. The $100,000 has been voted, and the money on hand. It is probable that an Elrod plant will be installed.

LONG BEACH, Cal.—City Eng. R. D. Van Alstine preparing plans for new sewage disposal plant. It is probable that the Dorr screens will be adopted. R. L. Taylor is sanitary engr. of the city.

ANTIOCH, Contra Costa Co., Cal.—Until Feb. 25, 8 p. m., bids will be rec. by J. E. McElheney, town clerk, to repair and improve settling tanks at Municipal Water Works. Cert check 10% req. Plans obtainable from Town Engineer and on file in office of clerk.

SAN FERNANDO, Cal. — City has contracted with George A. Schwabland city engr., to prepare plans and spec. and superintend the construction of the proposed sewer system. His work will include the completion of the sewage disposal plant. A bond issue in the sum of $75,000 for the work will be voted on at the April election.

BURBANK, Cal.—City trustees and local organizations endeavor to work out a satisfactory plan for disposal of sewage by the farm method. This will require only three of four months to complete, as contrasted with a possible three years before connections can be made with Los Angeles system outfall.

MISCELLANEOUS CONSTRUCTION

VISALIA, Tulare Co., Cal. — J. W. Woodson, division engineer for State Highway Commission and E. C. Langsdale, assistant division engineer for the Southern Pacific Co., at Bakersfield, have presented plans to the Tulare county supervisors for the construction of a subway under the r.r. crossing about ¼-mi. from "Death Curve" on the state highway, 1-mi. south of Tulare. Project includes the const. of an approach of new pavement from the present highway to the subway. The plant will be considered at the next session of the supervisors.

SEATTLE, Wash.—Until March 7, 10 A. M., bids will be rec. by C. B. Bagley, Sec'y., Ind. Pub. Wks. to const. First Ave South tunnel under Duwamish waterway. Cert. check 5% payable to City Comptroller req. Plans obtainable from Sec'y.

SAN BERNARDINO, Cal. — So. Cal. Gas Co. (H. C. McAllister, mgr.) will erect a 3,000,000 cu. ft. gas container in Colton costing $275,000, to care for increasing use in that territory.

UPLANDS, Cal. — Standard Rock Crushing and Gravel Co. is preparing to install a large rock crushing plant on the property of the Mountain View Water Co. at 14th St. and the Wash west of the city. Capacity, 2000 to 6000 tons per day. Total investment will be about $300,000. The company is owned by Detroit men who have recently come here. The Pacific Electric Ry. will run a spur from 14th St.

BAKERSFIELD, Kern Co., Cal.—Local businessmen and civic organizations will meet with city council in an effort to further construction of Union Avenue subway; est. cost $48,000. Railroad to pay one half and city of Bakersfield the remaining half. V. Van Riper is city clerk.

WATER WORKS

ORANGE, Cal.—Until March 4 bids will be rec. by council for purchase of $40,000 municipal water bond issue. J. P. Lippincott, Los Angeles, has been appointed engr. to act as asst. to the city engr. during the construction of the new 1,000,000-gal. reservoir. Mr. Lippincott will prepare the plans and specifications for the reservoir and will supervise the work.

SAN JUAN, San Benito Co., Cal. — Until March 4, 8 p. m., bids will be rec. by W. E. Hodges, town clerk, to lay 1750 ft. 5½-in. O. D. pipe, dipped, and 2750 ft. 4½-in. O. D. pipe, dipped; pipe to be plain end, beleved cut. Cert. check 10% req. Successful contract will be required to fur. $1000 bond. Spec. obtainable from town clerk.

SAN FRANCISCO — Supervisors order sale of $5,100,000 block of Hetch Hetchy bonds to finance work under way and future improvements on the Hetch Hetchy water project. M. M. O'Shaughnessy, city engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—Until Feb. 16, 9 a. m., bids will be rec. by S. A. Evans, city clerk, to fur., del. and install:

7800 ft. 22 3/16-in. and 1400 ft. 22¼-in. soil proof, double riveted, steel pipe, with field welded joints, installed complete.

4800 ft. 14-in. by 12-gauge and 2000 ft. 10-in. by 12-gauge, soil proof, double riveted, steel pipe, slip joints, installed complete.

600 ft. 10-in. by 12-gauge and 13,600 ft. 10-in. by 10-gauge soil proof, double riveted, steel pipe, with field welded joints, installed complete.

Cert. check 10% payable to city req. Specifications obtainable from City Eng. Bids rec. for this work Jan. 31 rejected, the only complete bid being submitted by the Western Pipe and Steel Company. **See call for bids under official proposal section in this issue.**

BEVERLY HILLS, Cal.—Until 8 p. m. Feb. 18, bids will be rec. by city clerk for 300 water meter boxes. Spec. on file at the office of the city engr., J. G. Soulay, city clerk.

SANTA MONICA, Cal.—Bids rec. by council to const. 100,000-gal. steel water tank on east side Franklin St. 2000 ft. n of Wilshire Blvd., were: Pittsburgh-Des Moines Steel Co., $8225; Chicago Bridge & Iron Wks., $8675; Minneapolis Steel & Mchy. Co., $8948; Baker Iron Wks., $9949; Llewellyn Iron Wks., $11,175.

UPLANDS, Cal.—The $224,000 water works bond issue has been sold to the First National Bank of Uplands at $14,000 premium. The bonds are on a 5½% basis. This issue is to purchase the private domestic system now serving the town.

COLUSA, Colusa Co., Cal. — Town trustees authorize installation of 4-in. c.i. water main running from Fifth St. to the bridge. The cost will exceed $2500.

OROVILLE, Butte Co., Cal. — See "Reservoirs and Dams," this issue. P. G. & E. improvements.

TURLOCK, Stanislaus Co., Cal — Until Feb. 21, 8 P. M., bids will be rec. by A G. Crowell, Clerk, Turlock Union High School District, to connect and install pipe for irrigation of high school grounds. Cert. check 10% req. Spec. obtainable from clerk. Rt. 2, Box 5, Turlock.

EUREKA, Humboldt Co., Cal.—Crane Co., 2nd and Brannan Sts., San Francisco, at $2.04 ft. awarded cont. by council to fur. 5800 ft. 12-in. wrought iron water pipe with bell and spigot; delivery in 90 days.

TURLOCK, Stanislaus Co., Cal.—Until Feb. 21, 8 P. M., bids will be rec. by A. G. Crowell, clerk, Turlock Union High School District, to const approx. 800 ft. cement pipe placed 3 ft. deep in high school grounds. Cert. check 10% req. Plans obtainable from clerk, Rt. 2, Box 5, Turlock.

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SANTA CRUZ, Santa Cruz Co., Cal.—City Council rejects bid of Western Pipe & Steel Co., to furnish pipe and fittings in connection with water system and new bids will be asked at once. S. A. Evans, city clerk.

LOS ANGELES, Cal.—Until 3 P. M., Feb. 15, bids will be rec. by public service comm., 207 S. Broadway, for deep well pumps and motors. Spec. No. 706. Jas. P. Vroman, Sec'y.

GILROY, Santa Clara Co., Cal.—Bids will be asked at once by city trustees to construct extensions to water system, for which bonds of $87,000 were recently voted. Chas. C. Sloan Co., Santa Fe Bldg., San Francisco, consulting engineers.

SANTA CRUZ, Santa Cruz Co., Cal.—City council orders sale of $200,000 remaining block of water bonds; proceeds of sale to finance water system improvements. H. Williams, city eng.

SAN JOSE, Santa Clara Co., Cal.—Henry A. Pfister, county clerk, will sell at public auction, March 3, a large tank, frame and structures situated at the junction of Moorpark and Northrup Aves; also one tank frame, windmill and pump located at Downer Ave., bet. Snell and Cottle Aves. Terms, cash. Further information obtainable from clerk.

DINUBA, Tuare Co., Cal.—Until Feb. 25, 7:30 p. m., bids will be rec. by C. T. Reagan, city clerk, to fur. and install 5-in. centrifugal pump at muny water works. Cert. check 10% req. with each bid. Spec. obtainable from clerk.

REDWOOD CITY, San Mateo Co., Cal.—Calif. Steam and Plumbing Supply Co., 671 5th St., San Francisco, at $2632.09 awarded cont. by city trustees to fur. pipe and fittings for water dept.

PLAYGROUNDS AND PARKS

FRESNO, Fresno Co., Cal.—Fancher Creek Nurseries at $999.98 awarded contract by city commissioners to furnish trees and shrubs for 40-acre addition to Roeding Park.

OAKLAND, Cal.—Until Feb. 19, 2:30 p. m., bids will be rec. by Henry F. Vogt, secy. Board of Park Directors, 407 City Hall, to construct woven fabric tennis court fences at the Clinton Square and Brookdale Gardens. Bond of $550 req. of successful bidder. Cert. check 10% req. with each bid. Spec. obtainable from secretary.

SACRAMENTO, Cal.—Until Feb. 25, 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education, to fur. and del. f. o. b. Sacramento, plants and shrubs for New High School grounds, 34th and Y Sts. Cert. check 10% payable to Bd. of Educ. req. with each bid. Spec. obtainable from Business Manager of the Board, School Administration Bldg., 21st and L Sts., Sacramento.

SACRAMENTO, Cal.—Jennings Bros. and Ward, Sacramento, at $1580 submit low bid to city commissioners to construct tennis court at Southside Park. Three other bids were submitted. Taken under advisement.

REDWOOD CITY, San Mateo Co., Cal March 3 is date set by city trustees to vote bonds of $30,000 to finance purchase and improvement of lands for high school baseball field and public park.

SEWERS & STREET WORK

SACRAMENTO, Cal.—Until Feb. 25, 10 A. M., bids will be rec. by Harry W. Hall, County Clerk, to gravel 2½ mi. of Meadow View Rd., from Lower Stockton Rd. to Freeport Rd. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans on file in office of Clerk. C. W. Deterding Jr., county surveyor.

FAIRFIELD, Solano Co., Cal.—County supervisors vote to gravel road between Suisun and Denverton, starting at a point 2 mi. east of Suisun to pt. ½ mi. east of Denverton. F. A. Steiger, county surveyor.

PASADENA, Cal.—deWaard & Cobham, Granger Bldg., San Diego, submitted low bid to city directors at $33,475 to const. vit. sewer in Arroyo Blvd., bet. California St and Brookside Park, involv. approx. 6500 ft. 22-in. pipe at $5.15 ft.

FRESNO, Fresno Co., Cal.—Thompson Bros., G and Divisadero Sts., Fresno, at $37,775.24 awarded cont. by council to imp. Lewis Ave., involv. 118,194 sq. ft. grading; 86,824 sq. ft. asph paving; 5281 lin. ft. conc. curb; 8973 sq. ft. conc. gutter; 24,814 sq. ft. sidewalk; 466 lin. ft. 18-in. culvert; 317 lin. ft. 12-in. culvert, 14 culvert manholes.

RENO, Nevada.—Until Feb. 25, 7 p. m., bids will be rec. by J. B. Reese, city clerk, to const. curbs, walks and gutters, as follows: 62,000 sq. ft. hyd. cem. conc. walks; 39,000 lin. ft. hyd. cem. conc. comb. conc. curb and gutter, 2-ft. 6-in. wide; 5000 lin. ft. hyd. cem. conc. comb. curb and gutter, 8-ft. 6-in. wide; 1000 lin. ft. hyd. cem. conc. gutter, 2-ft. wide; 20,000 sq. ft. hyd. cem. conc. 5-in. alley approach pavement. Cert. check 10% payable to city req. Spec. obtainable from City Eng. Harry Chism on deposit of $5, returnable if spec. are returned 5 days after award of contract. **See call for bids under official proposal section in this issue.**

PHOENIX, Ariz.—Bureau of public roads has appropriated $285,948 for roads in Arizona, as follows: $65,000 for expense in the Clifton-Springerville highway in Greenlee county, or contingencies of construction impossible to estimate in the original cost figures; $81,000 for additional cost of the Prescott-White Spar road, this to be used in addition to last year's appropriation for construction of the 16-mi. stretch; $8000 for additional cost on the Clifton-Springerville rd in Apache county; $81,720 for grading on the Flagstaff-Angell road running 26 mi. east from Flagstaff; $50,000, the remainder of the total funds available to be used in surfacing, as far as the funds will go, the Flagstaff-Angell road.

NAPA, Napa Co., Cal.—City Eng. H. A. Harrold preparing spec. to pave 2 blocks in First St., bet. Monroe and Jefferson Sts.

LOS ANGELES, Cal. — Supervisors declare inten. to imp. streets in Tract 4224, including Hanford Ave., betw. Pacific and Hamilton Aves., Barbour, etc., 24,978 lin. ft. (County Imp. No. 99) involv. 69,422 cu. yds. excav; 25,791 ft. curb; 104,066 sq. ft. walk; 452,000 sq. ft. oil and screenings wearing surface. Est. contract price, $95,912.55. Average haul 4 mi. Protest hearing Feb. 25.

LOS ANGELES, Cal.—Griffith Co., 502 L. A. Ry. Bldg., awarded contr. by Bd. Pub. Wks at $104,273 to imp. 18th St., bet. first alley east of First Ave. and Angeles Mesa Dr., involv. grading, $8000 (lump sum); 78,204 sq. ft. 8-in. conc. paving, 23½c ft.; 253,651 sq. ft. 6-in. conc. paving, 23½c ft.; 1501 sq. ft. asph. paving (coarse mix) 30c ft.; 3515 sq. ft. 5-in. bitum. base paving 10c ft.; 7400 sq. ft. 2-in. bitum. base paving 12c ft.; 793 lin. ft. curb, 70c ft.; 3525 sq. ft. sidewalk, 21c ft.; reinf. conc. culv. 48th and 2nd Ave., $2300; 2 reinf. conc. culverts 52nd and 2nd Ave., $2600; 2 reinf. conc. culv. at 48th and 9th Ave., $5200.

ALAMEDA, Alameda Co., Cal.—Until Feb. 19, 8 p. m., bids will be rec. by W. E. Yarcoe, city clerk, to const. 8 manholes for sewer in 8th St. & North Side sewer. Cert. check 10% req. with each bid. Plans obtainable from City Eng. Burnett Hamilton on deposit of $5, returnable after 10 days.

LONG BEACH, Cal.—Pernel Barnett, 630 E Washington St., Orange, submitted low bid to council at $4200 for const. cem. pipe sewer system in Sewer Dist. No. 10, Ocean Park Ave. and other streets.

PHOENIX, Ariz.—State highway department has estimated cost of proposed hihgway work for 1924 at $3,900,000 The roads to be paved by the department under the tentative plan are as follows: Safford east through Colomonville, 7.1 mi.; Buckeye to Hassayampa, 9.2 mi., and an 8-mi. stretch on the Bisbee-Tombstone road. The contract for the Safford job has been awarded and work is to be started on that project soon. Plans are under way now for the Buckeye-Hassayampa paving, and it is probable that blds will be called on this job shortly. It is to be an 18-ft. pavement to extend from the end of the present paving in Buckeye west. If the stretch of road on the Bisbee-Tombstone road is paved, it will be a 2-inch asph. conc. surface laid on the present crushed rock subgrade.

The roads which the department has tentatively planned to be graded and surfaced with gravel this year are as follows:

On the Old Trails highway across northern Arizona; Winslow to the Coconino county line, 2.7-mi.; Topoc toward Oatman, ½ mi; St. Johns-Springerville section 13.6 mi., and Seligman to Kingman, 19 mi.

On the Phoenix-Yuma road; Piedra west to the Yuma county line, 21.8 mi.; Aztec east to the same line, 7 mi. and Gillespie dam toward Hassayampa, 5 miles.

Other projects: White Spar to Congress Junction, 27.9 mi on the Phoenix-Wickenburg-Prescott road; Solomonville to Duncan, 12.1 mi. on the Central highway; Concho to St. Johns, 16 mi. in the White Mountains; Legerde to Blaisdale, 14 mi., and Oatman to Gold Roads, 3 mi.

Roads which are to be graded and drained but not surfaced include the following:Marinette from the end of the paving to Hot Springs Junction, 21 mi. on the Phoenix-Wickenburg road completing the improvement of that road; and Chandler to Casa Grande, 16 miles.

VENTURA COUNTY, Calif. — Until March 10, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, for 13.5-mi. of highway in Ventura county, bet. south boundary and Camarillo; 13.5-mi. to be graded; 7.4-mi. to be paved with Port. cem. conc. and 2.5-mi. to be widened with Port. cem. conc. shoulders. Chas. Wimmer, Bakersfield, under recent call for bids, which were rejected, submitted low bid for this work at $344,340. Eng. est. $402,096.**See call for bids under official proposal section in this issue.**

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OROVILLE, Butte Co., Cal.—Skeels and Hudson, Auburn, Calif., awarded contracts by supervisors for three highway projects as follows:

Gridley-Colusa Road—7½ miles, surfaced with oil macadam:

Skeels and Hudson	$38,965
Lord and Bishop	43,050
Heafy, Moore & McNair	43,140
M. C. and T. H. Polk	47,490
Christenson Cons. Co.	58,575
County Material furnished	35,443
Total of low bid with county material	74,408
Engineer's estimate	72,328

Biggs-Princeton Road—3.86 miles to be surfaced with olled macadam:

Skeels and Hudson	$16,807
Lord and Bishop	18,904
Heafy, Moore & McNair	19,053
M. C. and T. H. Polk	20,057
County material furnished	15,423
Total of low bid and county material	32,230
Engineer's estimate	31,425

Oroville-Gridley road (Section A)—Widening road from East Gridley to Gridley with concrete shoulders and filling center with asphaltic concrete:

Skeels and Hudson	$ 9,797
T. H. and M. C. Polk	10,626
Lord and Bishop	11,410
Heafey, Moore & McNair	11,442
Christensen Cons. Co.	16,345
Material furnished by county	3,684
Total of low bid including material furnished by county	13,481
Engineer's estimate	12,9045

BURLINGAME, San Mateo Co., Cal.—Date to open bids to imp. Broadway bet. El Camino Real and San Mateo Dr., has been extended by city trustees to Feb. 18. Project involves grading and paving with 4½-in. asph. conc. base with 1½-in. asph. conc. surface; conc. curbs and gutters. 1911 Act & Bond Act 1915. C. A. Torello, city eng. (Bids on this project were originally to have been opened Feb. 4).

TURLOCK, Stanislaus Co., Cal.—City Eng. Horace Hall preparing spec. to pave Columbia St. from pavement in place to city limits. City trustees petitioned to pave North First St., from pavement in place in Florence St., to Park St., also in Mitchell and Fifth Sts.

LOS ANGELES, Cal.—Geo. H. Oswald, 366 E. 58th St., awarded contr. by Bd. Pub. Wks. at $22,176 to imp. Normandie Ave., bet. 83rd St. and Manchester Ave., involv. grading at $2600 (lump sum); 53,609 sq. ft. conc. paving, 23c ft.; 3195 sq. ft. bitum. base paving 12c ft.; 2520 ft curb, 65c ft.; 9122 sq. ft. walk, 20c ft.; san. sewer at $3400.

STOCKTON, San Joaquin Co., Cal.—Until Feb. 25, 5 p. m., bids will be rec. by A. L. Banks, city clerk, to imp. portions of Charter Way, involv. grade; const. comb. conc. curbs and gutters; conc. walks; pave with 4-in. crushed rock base with 3-in. asph. conc. wearing surface. 1911 Act and 1915 Bond Act. Cert. check 10% payable to city req. Plans obtainable from City Eng. W. B. Hogan.

SAN DIEGO, Cal.—Until 10:30 a. m., Feb. 25, bids will be rec. by City Clk A. H. Wright to imp. Woolman Ave. and N St., involv. 206,196.1 sq. ft. paving with 1½-in. Warrenite on 3-in. bitum. base, 7816.98 sq. ft. cem. conc. sidewalk, 1571.02 lin. ft. cem. conc. curb, 82 lin. ft. 12-in. d. s. conc. pipe, 22 lin. ft. 14-in. d. s. conc. pipe.

Separate bids to imp. A, Ash, Dale, etc. ,involv. 144,384.69 sq. ft. paving with 1½-in. sheet asph. on 4-in. Portland cem. conc.; 496,587.94 sq. ft. paving with 1½-in. sheet asph. on 2½-in. bitum. base; 21,610.24 sq. ft. cem. conc. sidewalk; 4564.31 lin. ft. cem. conc. curb; 22 4-in. cem. conc. sewer laterals; 19 6-in. cem .conc. sewer laterals; 118.5 lin. ft. 8-in. 16-gauge cast iron pipe; 20 lin. ft. 12-in. 16-gauge c. I. pipe; 146 lin. ft. 14-in. d. s. conc. pipe; 232 lin. ft. 18-in. d. s. conc. pipe.

Separate bids to imp. Union, Curley and Brant Sts., involv. 175,649.39 sq. ft. paving with 1½-in. sheet asph. on 2½-in. bitum base; 5809.59 sq. ft. cem. conc. sidewalk; 1190.38 lin. ft. cement conc. curb; 13 4-in. cem. conc. sewer laterals; 15 6-in. cement conc. sewer laterals; 511 lin. ft. 6-in. cem. conc. sewer line; 266.3 cu. yds. earth excav; 269.9 cu. yds. earth ambank. F. A. Rhodes, city engineer.

WATTS, Cal.—Geo. H. Oswald, 366 E 58th St. Los Angeles awarded cont. by city trustees to pave Elm St., involv. 72,300 sq. ft. 6-in. conc. pavement, including grading 28c sq. ft. H. D. Churchill & Co. bid $30.5c ft.

POMONA, Cal.—Estimates of cost of paving of various streets under the $400,000 bond issue are as follows: Fifth Ave. from west to east city limits, $137,875; East Holt (resurfacing), $20,000; East Holt (widening), $11,186; West Holt, $28,000; South Garey (resurfacing), $11,534; South Garey (widening), $9000; South Towne, $46,500; Third, Locust to Elm, $4300; Third, Gordon to Park, $1496; Gibbs, Third to Holt, $8325; Palomares, Fifth to Holt, $11,300; Second, San Antonio to Reservoir, $6500; First, Garey to Towne, $11,000; Locust, First to Second, $1100; Franklin, Garey to Towne, $6000; Alvarado, Caswell to San Antonio, $1900; Caswell, Holt to Columbia, $6500; White, Second to Ganesha Park, $20,000; Orange Grove, Garey to Hiwassa, $8500; total, $350,716.

SAN DIEGO, Cal.—Calif. Constr. Co., Union Bldg., San Diego, submitted only bid to council at $55,182 to imp. Alameda Dr., Sheridan Ave., etc., involv. 74,846.81 sq. ft. paving with 1½-in. asph. conc. on 4-in. conc. base 24.4c; 11,269.5 sq. ft. paving with 4-in. Portland Cem. conc. 23.5c; 110,884.79 sq. ft. paving with 5-in. Portland cem. conc. 25.8c; 2801.66 sq ft. cem. conc. sidewalk 25c; 1221.3 lin. ft. cem. conc. curb 75c; 879 lin. ft. 6-in. conc. sewer main complete $2890; one 6-in. conc. pipe drain complete $495; removal of 168 lin. ft. culverts and catch basins complete $100; nine 4-in. cem. conc. sewer laterals $35; four 6-in. cem. conc. sewer laterals $40; 82 cu. yds. earth excav. $1; 8 cu. yds. earth embankment 50c.

MADERA, Madera Co., Cal.—Until Feb. 23, 10 a. m., bids will be rec. by H. M. Tyrell, clerk, Madera School District, to level and bring Washington school grounds to grade. Spec. obtainable from clerk in Lincoln School Bldg.

WATTS, Cal.—Until 8 p. m., Feb. 19, bids will be rec. by city clerk Sarah A. Smith, to pave Pearl St., involv. 2500 lin. ft. grading; 5000 ft. 18-in. curb and 20,000 sq. ft. sidewalk. Previous bids were rejected. They were: Ralph E. Walsh, $8779; J. F. Menefee, $12,027.45; Cal. Paving Co., $10,764.40.

SANTA CRUZ, Santa Cruz Co., Cal.—County Surv. Lloyd Bowman preparing Spec. to pave approx. 11,200 ft. of road from Gallantely corner in Green Valley to the intersection of the Green Valley road with the Watsonville-San Jose road.

PLACENTIA, Cal. — A paving program of $95,000 is advocated by local organizations. The county supervisors have agreed to appropriate $10,000 towards the work. Placentia is an unincorporated town.

SAN DIEGO, Cal.—Pioneer Truck Co. 954 3rd St., San Diego, submitted low bid to council at $39,957 to improve Redwood, Palm, Bancroft, etc., involv. 10,229.8 cu. yds. excav. $1.45 yd; 10,912.4 cu. yds. earth embank. 25c yd; 7942 lin. ft. curb 65c ft.; 38,252.7 sq. ft. cem. walk 21c ft; 160 ft. 36-in. d. s. conc. pipe culv. $1250; one timber trestle bridge, 180 ft. long, at $7700; three wood guard rail fences complete $100; one 12-in. No. 14 gauge corru. iron pipe drain 20 ft. long $150.

SAN FRANCISCO — Until Feb. 20, 3 p. m., bids will be rec. by Bd. Pub. Wks. to construct sewer and appurtenances in Berry St., bet. 2nd St. and outlet of the Embarcadero; est. cost $4000. Plans obtainable from Bureau of Engineering, 3rd floor, City Hall.

SEATTLE, Wash.—County Engineer Beeman has completed surveys for arterial highway from 15th Ave. n.w. to north city limits to connect with main trunk highway leading to Everett; 4½ miles in length; est. cost $274,000.

SACRAMENTO, Cal.—T. M. Burns, at $5566.80 awarded cont. by supervisors to pave portion of River rd., bet. courtland and Grand Island. invulv 346 cu. yds. concrete.

RENO, Nevada—Bids will be rec. up to March 10, 7 p. m., by city council to const. sewers under recently authorized $35,000 bond issue. Details of work will be published shortly. Harry Chism, city engineer.

EUREKA, Humboldt Co., Cal.—City council petitioned to grade and pave with conc. base and bituminous surface Harris St., bet. Fairfield and Broadway and to grade and gravel Spring St., bet. Wabash and Harris St. Referred to City Eng. J. D. Hannah for report.

REDDING, Shasta Co., Cal.—County supervisors appropriate $12,500 towards improving Sisson-Fall River Mills rd., by way of McCloud and Bartle. U. S. Forest Bureau will contribute a like amount and the county of Siskiyou $25,000 towards the cost.

SAN JOSE, Santa Clara Co., Cal. — Council, J. J. Lynch, clerk, declares inten. to imp. 5th St., bet. Taylor and Rosa Sts., involv. grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous base; hyd. cem. conc. walks curbs and gutters; 4 br. catchbasins; 8-in. vit. pipe drains. 1911 Act & 1915 Bond Act. Protests Feb. 25. Wm. Popp, city engineer.

HAWTHORNE, Cal. — City trustees declare inten to imp. Acacia and Birch Aves., bet. Ballona Ave. and Wallace St., Euclid Ave., Broadway and Lennox Ave., grade and pave with 2-in. Willite paving on 3-in. asph. conc. base over 2-in. decomp. granite cushion; const. 2-ft. gutter, "A" curbs, walks. lighting system; 1911 and 1915 acts. W. B. Shaw, city clerk.

COVINA, Cal.—Until 8 p. m., March 4, bids will be rec. by city trustees to imp. 1st St., bet. Puente Ave. and Front St. and portions of Second, Third, Fourth, Fifth and other sts.; grade and pave with 4-in. asph. in two courses, with an asph. paint flush coat; const. curb, comb. curb and walk, conc. gutter; 1911 act. John Hutchinson, city clerk.

BURBANK, Cal.—City trustees declare inten. to imp. 7th St., bet. Magnolia and Providencia Aves.; grade; pave with oil macad., const. curb, curb returns, walks.

Inten. declared to imp. 3rd St., betw. Cypress and Providencia Aves. grade; pave with oil macad., const. curb, curb return, conc. walk; 1911 act. F. S. Webster, city clerk.

SAN JOSE, Santa Clara Co., Cal. — Council, J. J. Lynch, clerk, declares inten. to imp. Post St., bet. Orchard and River Sts., except crossings at Vone and Locust Sts., involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; 1911 Act & Bond Act 1915. Protests Feb. 25. Wm. Popp, city engineer.

REDONDO BEACH, Cal.—City trustees declare inten. to imp. Aves. A, B, C, D, and E, bet. Esplanade and Elena Ave.; grade and pave with oil and screenings pavement; 1911 act. Harry Polglase, city clerk.

ARCADIA, Cal.—O. U. Miracle, 1036 Lime Ave., Long Beach, submitted low bid to city trustees at $8309 to grade and pave with macad. Baldwin St., bet. Palm Ave. and Azusa Rd. and at $5861 to grade and pave with macad. Genoa St., bet. 1st and 5th Sts.

SANTA MONICA, Cal.—Council declares inten. to imp. 21st St., bet. Santa Monica Blvd. and Golden Gate tract; grade and pave with 1½-in. asph. surface on 2½-in. asph. conc.; const. class B curbs, walks, etc; 1911 act. Howard B. Carter, city engr.

EL CERRITO, Contra Costa Co., Cal. —City Eng. Ross L. Calfee, 221 S-22nd St., Richmond, has completed plans to imp. Cutting Blvd. from city limits to San Pablo Ave. A res. of inten. will be passed by city trustees at once. Spec. are being prepared to imp. Elm and Willow Sts., est. cost $4232.

CHICO, Butte Co., Cal. — Property owners petition city trustees to pave streets in section west of Broadway and bet. Second and Fifth Sts. Taken under advisement.

SAN LUIS OBISPO, Cal.—City council petitioned by 61% of property owners to grade and pave Palm St., bet. Chorro St. and Grand Ave., with 4-in. Willite, together with curbs and gutters. Taken under advisement. Walter B. Roselip, city eng.

SAN LUIS OBISPO, Cal.—City Engr. Walter B. Roselip has completed spec. to grade and pave with 3½-in. asph. base and 1½-in. Warrenite surface; conc. curbs and gutters in Higuera St. bet. Santa Rosa and Grove; Ida St., bet. Higuera and Marsh; Marsh bet. Ida and Higuera; Toro bet. Monterey and Marsh and Nipomo bet. Higuera and Marsh.

Spec. are being prepared to grade and gravel and const. cem. curbs and gutters in portions of Branch, Sandercock, Story, Ward, King, Harris, Price, Cypress and Beebee Sts., in the Southside addition.

GLENDALE, Cal.—W. J. Curren, Box 159, Glendale, awarded cont. by council at $13,538 to pave Justin Ave., Tenth St., Kenneth Rd. and Fourth St., involv. 89,100 sq. ft. grading 1c ft.; 2575 ft. curb 50c ft; 4640 sq. ft. gutter 21c ft.; 59,950 sq. ft. 3-in. macad. 11c ft.; 14,050 sq. ft. walk 16.5c ft.; water pipe complete (1132 ft. 4-in. c. i. pipe and 185 ft. 2-in. galv. pipe) at $1472.

Cornwell & Henderson at $7435 to pave Kenilworth Ave., Vine St. and Riverdale Dr., involv. 43,720 sq. ft. grading 5c ft.; 1503 ft. curb 50c ft.; 26,473 sq. ft. 5-in. macad. 15c ft.; 7315 sq. ft. walk 17c ft.; water pipe complete (772 ft. 4-in. pipe and 10 ft. 2-in. galv. pipe), $1248.50.

TULARE, Tulare Co., Cal. — Until Feb. 25, bids will be rec. by council to imp. L St., bet. Pine St. and 150 ft. so.; grade and pave with 6-in. conc.; L St., bet. Inyo and 150 ft. so. of Pine St. grade and pave with 5-in. conc.; Inyo St., bet. L and K Sts., grade and pave with 5-in. conc.; L St., bet. Alphine and Inyo Sts., grade and pave with 4-in. conc.; also by const. walks, curbs, manholes, catch basins, storm sewers, drains, culverts, driveway approaches, etc.; 1915 bond imp. act. C. W. Cobb, city clerk.

MODESTO, Stanislaus Co., Cal.—Bids will be asked at once by supervisors to const. 3-mi. of paved highway from Newman city limits to Hills Ferry Bridge. Bids will be opened at the March session. J. H. Hoskins, county surveyor.

NAPA, Napa Co., Cal.—Until Feb. 25, 7 p. m., bids will be rec. by H. H. Thompson, city clerk, to const. 8-in. vit. sewer in Elm St., from pt. 435 ft. west of Franklin St. and ending at pt 565 ft. westerly therefrom; 14 4-inch sewer connections and flush hole. 1911 Act. Cert. check 10% payable to city req. H. A. Harrold, city eng.

MERCED, Merced Co., Cal. — Until Feb. 25, 8 p. m., bids will be rec. by W. W. Cornell, city clerk, to construct comb. conc. curbs and gutters, sidewalks in connection with Bear Creek park improvement. Cotton & Co., landscape engineers, Call Bldg., San Francisco. Cert. check 10% payable to city req. Plans obtainable from City Eng. T. D. Martin.

STOCKTON, San Joaquin Co., Cal.—Until March 4, 11 A. M., bids will be rec. by E. D. Graham, County Clerk, to imp. A. G. Atherton Rd., No. 550; the E. Bousell Rd., P. F. Roberson Rd.; Grant Line Rd., etc. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from County Surv. F. E. Quall on deposit of $10, returnable.

YREKA, Siskiyou Co., Cal.—F. L. Traux, MacDoel, Calif., at $8070 awarded cont. by supervisors to gravel 3 miles of Dorris-McDoel Road. Other bids: Calvert & Schroeder, Grants Pass, Ore., $14,925; John Stuart, MacDoel, Calif., $10,500.

VENTURA COUNTY, Cal.—Bids to const. state highway in Ventura County, bet. s. boundary and Camarillo (VII-Ven.2-A & B), 15.08 mi. to be graded; 9.87 mi. to be paved 20 ft. wide with conc. slab shoulders, pavement 5-in. thick; have been rejected. New bids will be called. Chas. W. Wimmer, Bakersfield, was previous low bidder at $344,340.90.

WHITTIER, Cal.—City trustees declare intention to imp. Orange Dr., betw. Pickering Ave. and Citrus Ave.; grade; pave with 6-in. cem. conc.; 1911 act. C. O. Trueblood, city clerk.

VALLEJO, Solano Co., Cal.—C. G. Gillespie, sanitary engineer with the State Board of Health and T. D. Kilkenny, Vallejo city engineer, will recommend immediate action on the construction of the Vallejo Heights sewer project. Residents of the district have petitioned the city council to proceed with the work.

SAN JOSE, Santa Clara Co., Cal. — Council, J. J. Lynch, clerk, declares intention to imp. 31st bet. Santa Clara and Hamilton View Dr., involv. grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bit. conc. base; hyd. cem. conc. curbs, gutters and walks; 4-in. hyd. cem. conc. house lateral drains. 1911 Act and Bond Act 1915. Protests Feb. 25. Wm. Popp, city engineer.

HUNTINGTON PARK, Cal. — City Eng. Howard McCurdy, Pac. Elec. Bldg Los Angeles, preparing plans for a lateral sewer system for the city of Huntington Park. It is planned to start work about same time as main trunk line sewer starts.

TURLOCK, Stanislaus Co., Cal. — Until Feb. 19, 8 p. m., bids will be rec. by A. P. Ferguson, city clerk, to imp. 5th St., from pavement in place in Lander Ave. to pt. 50 ft. n.w. from B St., involv. grading and paving with 3-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; culverts. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Horace Hall, city engineer.

SAN DIEGO, Cal.—J. N. Chandler, East San Diego, submitted low bid to council at $15,180 to const. walks and curbs in Hawk, 12th and other sts. Other bids were: Olof Nelson, $15,844.48; Victor A. Olson, $16,418.64.

Griffith Co., 25 14th St., San Diego, awarded contr. by council at $22,498 to imp. Fir St., bet. 6th and California Sts. Calif. Constr. Co. bid $23,289.02.

AZUSA, Cal.—City trustees declare inten. to imp. portions of First St., Fourth St., Fifth St., Sixth St., etc. Est. cost $50,000. J. O. Durrell, city clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—Council orders sale of $132,500 block of the $135,000 bond issue to finance Cliff Drive improvement and construction of three bridges over Branciforte creek. H. Williams, City Eng.

PORTERVILLE, Tulare Co., Cal.—In addition to spec. recently ordered, city council has instructed City Eng. Fred Pease to prepare spec. for an additional 10 block of street paving in the southern section of the city.

PLACERVILLE, El Dorado Co., Cal. —City trustees petitioned by 140 property owners in Coloma St. to pave that thoroughfare from Main street to city limits. Taken under advisement.

SEATTLE, Wash.—Board of Public Works completing spec. to pave approx. 7 mi. of streets in the district west of Fremont Ave., and bet. 42nd and 57th streets. Est. cost, $400,000.

TULARE, Tulare Co., Cal.—Until Feb. 25, bids will be rec. by city trustees, C. W. Cobb, clerk, to pave various streets with 4-in., 5-in. and 6-in. concrete, curbs, gutters and sewers. Est. cost, $65,000.

BAKERSFIELD, Kern Co., Cal.—J. W. Dowling, Call Bldg., San Francisco, at $47,700 awarded cont. by supervisors to imp. portion of County Rd. 283, involv. 4-in. bitum. base pave. with 2-in. Willite wearing surface, pavement to be 18 ft. wide and approx 2-mi. in length; grading and incidental items. J. S. Caldwell (Valley Paving & Const. Co.), $54,942.50; Thompson Bros., Fresno, $63,000 were next two low bidders.

LONG BEACH, Cal.—Until 9:30 A. M., Feb. 26, bids will be rec. by council to const. 24-in. cem pipe sewer in a portion of State St., 12-in. pipe in a portion of California St. and 8-in. pipe in portions of other streets. Res. No. C-1296. Plans obtainable from city engr., R. D. Van Alstine; 1911 Act. H. C. Waughop, City Clerk.

SAN MATEO COUNTY, Cal. — As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until March 3, to grade and surface with crushed gravel or broken stone, 6.4 mi. of San Mateo county, bet. Half Moon Bay Road and Kings Mountain Road. Project involves: 177,000 cu. yds. roadway excavation without classification; 662,500 sea. yds. overhaul; 57 eu. yds. structure excavation without classification; 13,610 eu. yds. crushed gravel or broken stone surface; 28 cu. yds. Class A Port. cem. conc. (culverts and mounments); 3.5 hundredweights reinf. steel in place; 2088 lin. ft. 18" corugated metal pipe; 400 lin. ft. 6" and 200 lin ft. 8" drain tile; 10 acres clearing and grubbing, 5 mi. moving and resetting property fences; 121 monuments. Commission will furnish corru. metal pipe. R. M. Morton, State Highway Eng.

NEVADA STATE—Until Feb. 27, bids will be rec. by State Highway Commission, Carson City, to const. 3 concrete and steel overhead crossings, as follows:

Elko county, on Central Pacific R. R. near Deeth, 135 ft. long, involv. 28,644 c. yds unclassified excavation; 230 cu. yds, Class "A" concrete; 1526 lin. ft. wooden guard rail; 266 lin. ft. iron pipe railing; 54,185 lbs. structural steel, complete in place.

Eureko county, on Central Pacific R. R. near Dunphy, 137 ft. long, involv. 31,276 cu. yds. unclasified excavation; 300 cu. yds. Class "A" concrete; 1248 lin. ft. iron pipe railing; 55,050 lbs. structural steel, complete in place.

Humbildt county, on Central Pacific R. R. near Rose Creek, 130 ft. in length, involv. 22,500 cu. yds. unclassified excavation, 230 cu yds. Class "A" concrete; 1986 lin. ft. wooden guard rail; 266 lin. ft. iron pipe railing; 52,620 lbs. structural steel, complete in place.

Geo. W. Borden, state highway eng.

See call for bids under official proposal section in this issue.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

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LOS ANGELES, Cal.—Tryon & Brain, 201 Tajo Bldg., awarded cont. by Bd. Pub. Wks. at $140,001 for imp. N Sherman Way, bet. San Fernando Rd. and Parthenia St., involving grading at $14,775 (lump sum); 560 sq. ft. asph. paving 35c ft.; 543,609 sq. ft. conc. paving 23c ft.

Warren Constr. Co., 5444 Hollywood Blvd., awarded cont. at $34,483 to imp. 21st St., bet. Crescent Ave. and Gaffey St., San Pedro, involv. grading at $4800 (lump sum); 2104 sq. ft. conc. paving 30c ft.; 78,216 sq. ft. Warrenite-bitul. paving 27.2c ft.; 1481 ft. curb 75c ft.; 13,879 sq. ft. walk 22c ft.; 4336 sq. ft. gutter 32c ft.; 1230 ft. house sewers $1.75 ft.; wooden guard rail complete $75.

W. D. McCray, 416 American Bank Bldg., awarded contr. at $21,440 to imp. Ezra St., bet. Atlantic St. and Hollenbeck Ave., involv. grading at $6400 (lump sum); 780 sq. ft. conc. paving 30c ft.; 68,852 sq. ft. oil and roll 7c ft; 4001 ft. curb 70c ft.; 19,335 sq. ft. walk 22c ft.; 3507 sq. ft. gutter 33c ft.; wooden guard rail complete, $25.

Griffith Co., 502 L. A. Ry Bldg., awarded cont. at $10,372.09 for imp. Center St., bet. Oliver and Sepulveda Sts., involv. grading at $2500 (lump sum); 2027 sq. ft. bitum. base paving 15c ft.; 25,472 sq. ft. conc. paving 15c ft; 25,742 sq. ft. conc. paving 22c ft.; 1076 ft. curb 70c ft.; 5300 sq. ft. walk 22c ft; hse. sewers $1.50 ft.

TURLOCK, Stanislaus Co., Cal.—Until Feb. 19, 8 p. m., bids will be rec. by A. P. Ferguson, city clerk, to imp Mitchell Ave., bet. Canal Dr. and pavement in places in N Chester St., involv grade and pave with 3-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs and gutters; culverts 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Horace Hall.

YREKA, Siskiyou Co., Cal.—County supervisors will spend approx. $25,000 in improving road from McCloud to Shasta county line. Albert Parrott, county surveyor.

REDWOOD CITY, San Mateo Co., Cal —Until March 3, 10 a. m., bids will be rec. by Mrs. Elizabeth M. Kneese, county clerk, to repair and resurface El Camino Real through Redwood City, in 3rd Rd. Dist. Cert. check 10% payable to county req. Spec. obtainable from Geo. A. Kneese, county surv.

HANFORD, Kings Co., Cal.—County supervisors petitioned to appropriate approx. $10,000 from general fund of Road District No. 1 as portion of cost to grade and gravel road s.w. of Stratford to the Cholame highway, a distance of approx. 34-mi. Taken under advisement. Roy May, County surveyor.

CLAREMONT, Cal.—Election will be held in April to bond for paving six streets, including Cucamonga Ave. from Pomona city limits east to Alexander; Alexander Ave. north to Fifth St; Indian Hill Ave. from Fifth St. north to the city limits; Harvard Ave. from First St. to Sixth St; Yale Ave. from First St. to Fifth St. and Second St. from Alexander to Harvard.

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, at $5553.33 awarded cont. by Board of Education to grade Del Norte St., bet. J and N streets.

OROVILLE, Butte Co., Cal.—No bids rec. by county supervisors to construct Doe Mill cross-road and work will probably be done by force account. Harry H. Hume, county road engineer.

BAKERSFIELD, Kern Co., Cal. — City Eng. W. D. Clarke completing spec. to imp. following sts: east side of Beale Ave. bet. Lincoln and Jefferson sts., curbs and walks; Lincoln St., bet. Baker and King Sts., curbs and walks, and grade and treat with layer of oil sand.

SOLANO COUNTY, Calif.—County supervisors have rejected petition seeking rights of way for Sears Point Cut-off road bet. Vallejo and Sears Point. The supervisors adopted a resolution carrying the proviso that when the state highway commission requested the county for rights of way that the board of supervisors would proceed to procure them.

SANTA ANA, Cal.—Basich Bros., 3788 S Vermont Ave., Los Angeles, awarded cont. by supervisors at $67,900 to imp. Chapman Ave., under R. D. I. No. 27, involv. 6637 cu. yds. conc. in pavement; 36 cu. yds. conc. in headwalls; 3000 cu. yds. excav. The length of the improvement is 16,224 lin. ft. 18 ft. wide and 9 in. thick at edges and 7 in. in center.

RIVERSIDE, Cal.—R. T. Shea, Riverside, awarded cont. by supervisors at $107,376 to imp. portion of Rte. 8, Beaumont to foot of Moreno Grade, known as Jack Rabbit Trail, from Sta. 23 plus 50 to Sta. 367 plus 00.2, involv. (item 1) 33,652 lin. ft. shaping 20 ft. wide; (2) 33,652 lin. ft. macad. pavement 18-ft. wide; (3) 300 lin. ft. curb; (4) 8 catch basin walls, and laying 30 ft. of 8-in. corru. iron pipe, and 22 ft. of 12-in. corru. pipe, and constructing two headwalls. All materials in items 2, 3 and 4 to be furnished by contr. Other bids were: Blumenkranz & Vernon, $109,653.3 ; Pearson & Dickerson, $111,066.96; Hall-Johnson Co., $128,634.52.

INDEPENDENCE, Inyo Co., Cal. — County supervisors appropriate $15,000 (available in tax levy) to finance construction of Lone Pine-Porterville road in Inyo county.

ARROYO GRANDE, San Luis Obispo Co., Cal.—Plans are under way to construct sewer system est. to cost $40,900. The outfall will extend about 1000 ft. into the bay, at a point below the town of Oceano. The length of the main trunk line is 3.5 mi. Dr. L. F. charge of the survey. The present disposal of the sewage into a local creek has been prohibited by the state board of health.

SONOMA COUNTY, Calif. — State Highway Commission, R. M. Morton, ch. eng., making surveys for unit bet. Santa Rosa and Healdsburg. Work involv. increasing pavement to width of 20 ft. and elimination of sharp curves; also for widening stretch and elimination of sharp curves on Petaluma-Santa Rosa unit.

REDWOOD CITY, San Mateo Co., Cal — County supervisors vote to pave Macdonald Ave. in Diamond Tract, Visitacion Valley, from s.e. line of Scherwin St. to n.w. line of San Bruno rd.; macadam base, surfaced with 2-in. Durite asph. conc. Geo. A. Kneese, county surveyor.

CHICO, Butte Co., Cal.—Until March 4, bids will be rec. by Chas. H. Camper, secy. Board of Education, to clear high school lands of orchard wood and orchard tree stumps, fill in holes and prepare land for plowing. Spec. obtainable from secretary.

OAKLAND, Cal—Council, E. K. Sturgis, clerk, declares inten. to imp. portions of Capitol and Cleveland Sts., involv. grade and pave; const. curbs and gutters, 1911 act. Protests March 6. W. W. Harmon, city eng.

STOCKTON, San Joaquin Co., Cal.—Will Moreing, 232 W Vine St., Stockton awarded cont. by supervisors to imp. following roads:

Harney Lane (grading and graveling) $17,328.50.

Eight-Mile road (grading and graveling), $25,244.

Taylor's Ferry road (oiled asphaltic macadam pavement) $32,695.

Lone Tree road (reinforced concrete pavement) $24,222.

28

SAN MATEO COUNTY, Calif. —Supervisors, Mrs. Elizabeth M. Kneese, clerp, declare inten. to imp. streets in Improvement District No. 3, San Mateo county, including portions of MacDonald and San Bruno Aves., involving grading and paving with waterbound rocy macadam base with 2-in. Durite asph. conc. surface. Work under County Improvement Act 1921. Protests March 6. Geo. A. Kneese, county surveyor.

SAN DIEGO, Cal.—Cal. Constr. Co., Union Bldg., was awarded cont. by council at $55,182 to pave Alameda Dr. Alameda Pl., Guy and other streets, involv. cem. conc. pavement and other incidental items.

SAN FRANCISCO—Streets Committee of Board of Supervisors authorizes imp. of 48th Ave., bet. Lawton and Santiago Sts., and Ortega bet. 47th Ave and Great Highway. Work will consist of grading and paving, sewers, curbs, gutters and walks; cost will exceed $100,000.

LOS ANGELES, Cal.—Plans for Metropolitan Sewer Dist. No. 1, embracing territory betw. Pasadena and Long Beach, are being worked out in offices of County Surveyor Rockhold. A portion of Orange county is included. The proposed plan contemplates the construction of a 10-ft. trunk sewer from the foothills at Pasadena to some point in Orange county, probably bet. Sunset Beach and Huntington Beach. Laterals from this line will serve Compton, Watts, and other cities in territory adjacent to the main trunk line. The outfall will be approx. 1 mi. in length and plans are being considered for treatment of the effluent.

SAN RAFAEL, Marin Co., Cal. — Council, Eugene W. Smith, clerk, declares inten. to imp. 5th Ave., from I St. n.w. to pl. 636 ft., involv. pave with 4-in. asph. conc.; 24-in. comb. curbs and gutters; drains and catchbasins. 1911 Act. Protests March 3.

SANTA ANA, Cal.—Property owners at Costa Mesa will petition supervisors to pave Fairview Ave., Santa Ana St., and Newport Ave., at an estimated cost of $137,000. The proposed work involves about 5 mi. pavement. J. L. McBride, county road commissioner.

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. 91st Ave., bet. E-14th and D Sts., involv. grade, $.02 sq. ft.; conc. curb, $.62 lin. ft.; conc. gutter, $.28 sq. ft.; bitum conc. pave, $.23 sq. ft.; 8-in. sewer, $1.50 lin. ft.; lamphole, $25 each; wye branch, $3 ea; 8x42-in. corru. iron and conc. culvert, $4.50 lin. ft.; c.i. handhole, $25 each; wood culvert 10-ft. wide, $15 lin. ft.; wink wall, $21 each; guard rail, $14 ea.

MONROVIA, Cal. — B. R. Davisson Contracting Co., Monrovia, awarded contract by city trustees to improve Orange Ave., bet. Mayflower and Fifth Aves., involv. 2828 ft. class A curb 50c ft.; 2287 ft. B curb 60c ft.; 1184 ft. C curb 75c ft.; 15,454 sq. ft. conc. gutter 20c ft.; 167,100 sq. ft. grade and oil, 6.8c ft.; 1324 ft. 8-in. vit. sewer pipe, 95c ft.; 8 8x6 wyes at $1.75 each; one brick flush tank, $150; one brick manhole, $100; one reinf. conc. intake with steel grates, $125; one reinf. conc. culvert with laterals, $175.

SOUTH PASADENA, Cal—Charles A. Larson awarded contr. by city trustees at $12,935 to imp. Magnolia St., Forest Ave. and Arm St., involv. 36,900 sq. ft. 3-in. macad; 57,500 sq. ft. gutter; 14,090 sq. ft. cem. walk; 2827 lin. ft. curb; 1492 lin. ft. 4-in. class B cast iron water pipe; 315 ft. 6-in. vit. sewer laterals; four 4-in. cast iron gate valves; one 90 deg. elbow; one 4x4-in. cast iron tee.

OAKLAND, Cal.—Bates and Borland, Bank of Savings Bldg., Oakland, awarded cont. by council to imp. 92nd Ave., bet. E-14th and G Sts., involving grade, $.04 sq. ft.; conc. curb, $.75 lin. ft; conc. gutter, $.25 sq. ft.; bitum conc. pave, $.186 sq. ft.; 8x24-in. corru iron and conc. culvert, $4.80 lin. ft.; c.i. handhole, $30 each; wooden culvert, 10-ft. wide, $17.50 lin. ft.; wing wall, $17.50 ea.; guard rail, $42 ea; storm water inlet, $40 ea; 10-in. pipe conduit, $1.25 lin. ft.

SAN DIEGO, Cal.—Pioneer Truck Co. 954 3rd St., San Diego, awarded cont. by council at $39,957 to imp. Redwood, Palm, Bancroft, 33rd, Felton and 31st Sts., involv. 10,229.8 cu. yds. excav., $1.45 yd; 10,912.4 cu. yds. earth embank 25c yd; 7942 lin. ft. curb, 65c ft; 38,252.7 sq. ft. cem. walk, 21c ft; 160 ft. 36-in. d. s. conc. pipe culv. at $1250; one timber trestle bridge, 180 ft. long, at $7700; three wood guard rail fences complete, $100; one 12-in. No. 14 gauge corru. iron pipe drain 20 ft. long, $150.

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

519	Lewis	Grant	8000
520	Robinson	Magill	4000
521	Moren	Moren	8000
522	Ramsdall	Owner	5500
523	Metropolitan	Hotchner	1500
524	Hoare	Bernhardt	19000
525	McLenegan	Hjul	6500
526	Fabien	Owner	2000
527	O'Brien	Kiernan	5000
528	Costello	Owner	9000
529	Daily	Hjul	4000
530	Young	Zupar	7000
531	Costello	Owner	9000
532	Heights	Maundrell	8090
533	Moeller	Meyer	3650
534	Collins	Petersen	5870
535	Myers	Britt	17500
536	Pacific	Monson	69000
537	Leibman	Owner	14000
538	Peninsular	Mallock	3000
539	Leader	Leonard	16500
[illegible]	[illegible]	Owner	50000
541	Friend	Owner	27500
542	Lindberg	Owner	4450
543	Sullivan	Fontanella	1466
544	Olaf	Isaacson	7500
545	Hansen	Owner	—
546	Christensen	Owner	1400
547	Hansen	Owner	—
548	Lindeman	Lindeman	14000
549	Lindeman	Lindeman	14000
550	Lindeman	Lindeman	6000
551	Malloch	Malloch	12000
552	Barron	Warden	27300
553	Wisnom	Wisnom	5000
554	Reed	Owner	3300
555	Meagher	Nelson	5300
556	Friend	Haun	3648
557	Same	Brockhage	24970
558	Pacific	Monson	68760
559	Tillman	Nelson	53000
560	Schlesselmann	Sharman	8000
561	Elmo	Owner	3800
562	Jacobson	Johnson	10000
563	Collopy	Merz	10000
564	Williams	Sampson	7000
565	Toranto	Demartine	2000
566	Squeri	Owner	5000
567	Sullivan	Owner	4000
568	Cipollo	Laursen	2000
569	Olmo	Owner	3800
570	Davis	Davie	1500
571	Malville	McCauley	6850
572	Bawls	McCauley	5250
573	Same	Same	5250
574	Williams	Sampson	11300
575	Casson	De Martini	10899
576	Same	Haub	1857
577	Hibernian	Back	3174
578	Same	Crown	1579
579	Same	Snook	2096
580	Same	Malott	345
581	Same	Guilfoy	464
582	Same	Federal	3150
583	Same	Quandt	915
584	Same	Mallott	312
585	Same	O'Reilly	6689
586	Same	Scott	3000
587	Same	Tittle	1926
588	Crocker	Owner	11400
589	Same	Same	11400
590	Same	Same	4800
591	Same	Same	3800
592	Same	Same	38000
593	Same	Same	15200
594	Newsom	Battersby	4000
595	Moffitt	Filippis	5000
596	Hamill	Owner	6000
597	O'Donnell	Kranquist	3000
598	Bogey	Georges	1000
599	Wilbeck	Owner	3000
600	Strand	Owner	25000
601	Bottcher	Andersen	6000
602	Schultz	Owner	7500
603	Painton	Newsom	4000
604	Molinari	Leibert	1500
605	Price	Owner	6000
606	Snader	Gott	10560
607	Medley	Ulnich	3000
608	Jones	Owner	4000
609	Bernhardt	Owner	5000
610	Arnott	Owner	24000
611	Arkwright	Meyer	8000
612	McDonald	Hamill	24000
613	Urban	Leobard	14000
614	Levin	Pasqualetti	12000
615	Rednall	Owner	12000
616	Devencenzi	Owner	14000
617	Abrahamson	Owner	6300
618	Hooper	Heyer	1000
619	Wolff	Ohlsen	3000
620	Associated	Owner	4000
621	Ross	Owner	3000
622	Cassella	Devencenzi	4000
623	Wallach	Ehlers	5850
624	Domeniconi	DeMartini	8000
625	Halenbarter	Heglin	3000
626	Tyler	Owner	50000
627	Horn	Decker	2228
628	Pacific	Gladding	133495
629	Federal	Symon	3500
630	Associated	Owner	4000
631	Fogel	Warden	27300
632	Singer	Meyer	51998
633	Heare	Bernhardt	21900

FLATS

(519) E COLLINGWOOD 110 S Twentieth. Two-story and basement frame (2) flats.
Owner—Joseph A. and Marie Lewis, —.
Architect—None.
Contractor—Lincoln Grant, 131 Beaver St., San Francisco. $8000

FLATS

(520) S CABRILLO 82-6 W Seventeenth Ave. Two-story and basement frame (2) flats.
Owner—A. Robinson, 581 4th Ave., San Francisco.
Architect—None.
Contractor—C. T. Magill, 581 4th Ave., San Francisco. $4000

FLATS

(521) E EIGHTH AVE 175 S LINCOLN Way. Two-story and basement frame (2) flats.
Owner—Anna C. Moren, 3225 Market St., San Francisco.
Architect—None.
Contractor—Geo. R. Moren, 3225 Market St., San Francisco. $8000

DWELLING

(522) E MADRONE 185 S Taraval. One-story and basement frame dwelling
Owner — Ralph A. Ramsdall, 124 Pola Ave., Piedmont, Calif.
Architect—None. $5500

ELECTRIC SIGNS

(523) 745 MARKET STREET. Erect three single faced electric signs.
Owner—Metropolitan Market, 745 Market St., San Francisco.
Architect—None.
Contractor—Hotchner Bros., 200 9th St. San Francisco. $1500

APARTMENTS

(524) E SANCHEZ 30 N Sixteenth St. Three-story and basement frame (6) apartments.
Owner—M. R. Hoare, 3476 16th St., San Francisco.
Architect—N. W. Hoare, 20th and Diamond Sts, San Francisco.
Contractor — Albert Bernhardt, 4440 20th St., San Francisco. $19,000

FACTORY BLDG.

(525) SE TEHAMA AND NINETH Sts. One-story concrete with mezzanine floor factory.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Owner—Carrie C. McLenegan, —.
Engineer and Contractor—J. H. Hjul, 128 Russ St., San Francisco. $6500

ALTERATIONS
(526) (?) ARGUELLO BLVD. 60 S Geary. Move and remodel for flats and stores.
Owner—Prof. Ben Fabion, 258 24th Ave, San Francisco.
Architect — Cronin and Canter, 2232 Pine St., San Francisco. $2000

ALTERATIONS
(527) E BARTLETT 160 N Twenty-third. Move present building and remodel for apartments.
Owner — R. J. O'Brien, 608 Alexander Bldg., San Francisco.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
Contractor — Kiernan & O'Brien, 608 Alexander Bldg., San Francisco. $5000

APARTMENTS
(528) NE CLEMENT AND TWENTY-seventh Ave. Two-story and basement frame (4) apartments.
Owner—Costello Bros., 821 34th Ave., San Francisco.
Architect—None. $9000

ALTERATIONS
(529) 340 NINETH STREET. Construct concrete roof over press room.
Owner—The Daily News, 340 9th St, San Francisco.
Engineer and Contractor—J. H. Hjul, 128 Russ St., San Francisco. $4000

DWELLING
(530) E NINETEENTH AVE. 200 S Balboa. Two-story and basement frame dwelling.
Owner—S. Young, 34 Wanda St., San Francisco.
Architect—None.
Contractor—Wm. G. Zupar, 1095 Market St., San Francisco. $7000

RESIDENCE
(531) E TWENTY-SEVENTH AVE. 25, 50, 75 S Clement. Three 2-story and basement frame residences.
Owner—Costello Bros., 821 34th Ave., San Francisco.
Architect—None. $3000 each.

PAINTING
(532) N BROADWAY bet. Octavia and Laguna. All work for painting of building.
Owner—The Heights, Monadnock Bldg., San Francisco.
Architect—Frederick W. Quandt, Humboldt Bank Bldg., San Francisco.
Contractor—Maundrell & Bowen, 320 Hayes St., San Francisco.
Filed Feb. 7, '24. Dated Jan. 15, '24.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $8090
Bond, $4045. Surety, United States Fidelity & Guaranty Co. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

FRAME BLDG.
(533) W FORTY-SIXTH AVE 75 S Cabrillo S 35xW 95. All work for one-story and basement frame building.
Owner—Gustave Moeller Jr., 2221 Clement St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 First National Bank Bldg., S. F.
Filed Feb. 7, '24. Dated Nov. 30, '23.
When side and roof sheathing in place $912.50
Brown coated 912.50
Completed and accepted..... 912.50
Usual 35 days..... 912.50
TOTAL COST, $3650.00
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

ALTERATIONS
(534) 1107 BROADWAY. Raise dwelling and make general alterations and repairs.
Owner—Miss Mary Collins, premises.
Architect—Antone Petersen, 2770 San Bruno Ave., San Francisco.
Contractor — Einar Peterson, 1290 Hayes St., San Francisco.

LOFT BLDG.
(535) N BRYANT bet. Second and Third Sts. Two-story concrete loft building.
Owner—Laurence A. Myers, 821 Foxcroft Bldg., San Francisco.
Architect—Samuel Lightner Hyman & A. Appleton, 821 Foxcroft Bldg., San Francisco.
Contractor—O. W. Britt, 1257 Arguello Blvd., San Francisco. $17,500

TELEPHONE BLDG.
(536) E CAPP bet. Twenty-fifth and Twenty-sixth Sts. Telephone exchange building.
Owner—Pacific Tel. & Tel. Co., Sheldon Bldg, San Francisco.
Architect—E. V. Cobby, Sheldon Bldg., San Francisco.
Contractor—Monson Bros., 251 Kearny St., San Francisco. $69,000

APARTMENTS
(537) W EIGHTH AVE. 350 375 S Geary. Two 2-story and basement frame apartments, (4 in each).
Owner—B. Leibman, 407 11th Ave., San Francisco.
Architect—S. Rasori, 412 Williams Bldg San Francisco. $7000 each

ALTERATIONS
(538) NE GEARY AND FILLMORE Sts. New lath and plaster partitions; tile flooring; marble front, etc., for store.
Owner—Peninsular Realty Co, 700 7th St., San Francisco.
Architect—None.
Contractor—J. S. Malloch, 180 Jessie St. San Francisco. $3000

CONCRETE BLDG.
(539) W NINETH 104 S Mission. Two-story and basement reinforced concrete publishing plant.
Owner—Leader Publishing Co., 95 9th St., San Francisco.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—J. J. Leonard, 1158 Dolores St, San Francisco. $16,500.

BATH HOUSE
(540) SE TAYLOR AND LOMBARD Sts. Two and three-story and basement frame bath house.
Owner—Edw. Cerruti, 990 Columbus Ave., San Francisco.
Architect — P. Righetti, 12 Geary St., San Francisco. $50,000

RESIDENCE
(541) S WASHINGTON bet. SPRUCE and Maple. Two-story and basement frame residence.
Owner—Helen G. Friend, care of Architect
Architect—Bernard J. Joseph, 74 New Montgomery St., San Francisco. $27,500

DWELLING
(542) S BOSWORTH 50 E Rousseau. Two-story and basement frame dwelling.
Owner—C. Lindberg, 257 Surrey St., San Francisco.
Architect—None. $4450

ALTERATIONS
(543) 2485 BROADWAY. Remodel for private garage quarters; cement work, etc.
Owner—J. A. Sullivan, 80 Post St., San Francisco.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
Contractor — Fontanella & Teza, 41 Sheridan St., San Francisco. $1466.

FLATS
(544) N CLINTON PARK 165 E Guerro. Two-story and basement frame (2) flats.
Owner—Olaf L. and Myrtle Jones.
Architect—None.
Contractor—Issacson and Nylund, 412 Bartlett St., San Francisco. $7500

DWELLINGS
(545) W GABRIEL AVE. 25, 50, 75, 100, 125 S Capistrano. Five 1-story and basement frame dwellings.
Owner—Walter E. Hansen, 485. Capistrano Ave., San Francisco.
Architect—None. (Cost not stated)

GARAGE
(546) W ORIENT ALLEY 40 N Elizabeth. One-story frame private garage.
Owner—J. P. Christensen, 155 Vicksburg St, San Francisco.
Architect—None. $1400

DWELLING
(547) NE SAN JUAN AND OTSEGO. One-story and basement frame dwelling.
Owner—Walter E. Hansen, 485 Capistrano Ave., San Francisco.
Architect—None. (Cost not stated).

APARTMENTS
(548) W ARGUELLO BLVD 175 S Clement S 25 x W 120. All work for 2-story and basement frame bldg. (4 apartments).
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 619 27th Ave., San Francisco.
Filed Feb. 8, 1924. Dated Feb. 5, 1924.
On execution of agreement.....$1500
Roof on 3125
Brown coated 3125
Completed and accepted..... 3125
Usual 35 days 3125
TOTAL COST, $14,000
Bond, Forfeit, none; Limit, 90 days; Pans and specifications filed.
NOTE—Permit applied for today.

APT. BLDG.
(549) W ARGUELLO BLVD 150 S Clement S 25 x W 120. All work for 2-story and basement frame apartment building.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 619 27th Ave., San Francisco.
Filed Feb. 8, 1924. Dated Feb. 5, 1924.
On execution of agreement....$1500
Roof on 3125
Brown coated 3125
Completed and accepted 3125
Usual 35 days 3125
TOTAL COST, $14,000
Bond, Forfeit, none; Limit, 90 days; Plans and specifications filed.

BUNGALOW
(550) W THIRTY-FOURTH AVE. 150 N Balboa N 25 x W 120. All work for 1-story & basement bungalow.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 619 27th Ave., San Francisco.
Filed Feb. 8, 1924. Dated Feb. 4, 1924.
Frame up and enclosed.....$1500
Rough plastered 1500
Completed and accepted 1500
Usual 35 days 1500
TOTAL COST, $6000
Bond, Sureties, none; Forfeit, $3; Limit 90 days; Plans and specifications filed.

FLATS
(551) SE CARL & WILLARD 30 on Carl by 100 on Willard. All work for 2-story and basement frame bldg. (flats).
Owner—J. S. Malloch, 180 Jessie St., San Francisco.
Architect—Mel I. Schwartz, Nevada Bk Bank Bldg., San Francisco.
Owner—J. S. Malloch, 180 Jessie St., St., San Francisco.
Filed Feb. 8, 1924. Dated Jan. 26, 1924.
Days work.
TOTAL COST, $12,000
Bond, Forfeit, none; Limit, 100 days; Plans and specifications filed.
NOTE—Permit reported Jan. 2, 1924 No. 254.

APARTMENTS
(552) S FULTON 137-6 W Webster 27-6 x 137-6. All work for 3-story and basement frame bldg. (apts.)
Owner—Hannah D. Barron and Jennie Fogel, 895 Fulton, S. F.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor — Fred Warden, 1515 11th Ave., San Francisco.
Filed Feb. 8, 1924. Dated Feb. 7, 1924.
Frame up and roof on $6825
Brown coated 6825
Completed and accepted 6825
Usual 35 days 6825
TOTAL COST, $27,300
Bond, $13,650; Sureties, Albin Warden, Chas. Monson; Forfeit, $10; Limit, 100 days; Plans and specifications filed.

DWELLING
(553) N FULTON 32.09 W Third Ave. Two-story and basement frame dwelling.
Owner—J. Wisnom, 804 Humboldt Bank Bldg., San Francisco.
Architect—None.
Contractor—F. Wisnom, 3675 16th St., San Francisco. $5000

DWELLING
(554) E FORTIETH AVE 100 S Anza. One-story and basement dwelling.
Owner—F. Carroll Reed, 683 7th Ave., San Francisco.
Plans by Owner. $3300

DWELLING
(555) N VALLEY 200 E Noe. One-story and basement frame dwlg.
Owner—Jos. Meagher, 326 Valley St., San Francisco.
Architect—None.
Contractor—N. Nelson, 620 Eddy St., San Francisco. $3500

RESIDENCE
(556) S WASHINGTON 137-6 W Spruce W 41-3x8 127-8¼. Excavation, concrete, artificial stone and cementing for two-story and basement frame residence.
Owner—Helen G. Friend, 3730 Clay St., San Francisco.
Architect—Bernard J. Joseph, Call Bldg., San Francisco
Contractor—C. C. W. and H. H. Ilaun, 180 Jessie St., San Francisco.
Filed Feb. 9, '24. Dated Jan. 28, '24.
Concrete foundation done.....$1800
Completed and accepted..... 936
Usual 35 days..... 912
TOTAL COST, $3648
Bond, $1824. Sureties, L. M. Zimmerman and John Casty. Limit, 30 days. Forfeit, $5 Plans and specifications filed.

(557) CARPENTER WORK, BRICK work, plastering, etc., on above.
Contractor—Brockhage & Foley, 1326 Natoma St., San Francisco.
Filed Feb. 9, '24. Dated Jan. 28, '24.
Rough frame up.....$3000
Interior studding set..... 3000
Ready for lathing..... 3000
Plastering completed 5000
Completed and accepted..... 4720
Usual 35 days..... 6250
TOTAL COST, $24,970
Bond $12,500. Sureties, F. La Torres and D. O. Druffel. Limit, 175 days Forrfeit, $5. Plans and specifications filed.

ALTERATIONS
(558) NC. 1045 CAPP ST. All work for alterations and additions to building.
Owner—Pacific Telephone & Telegraph Co., 333 Grant Ave., S. F.
Architect—None.
Contractor—Monson Bros., 251 Kearny St., San Francisco.
Filed Feb. 9, '23. Dated Feb. 4, '24.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $68,760
Bond, $34,380. Surety, Hartford Accident & Indemnity Co. Limit, 70 days. Forfeit, $100. Plans and specifications filed.

APARTMENTS
(559) E GUERRERO 25 S Eighteenth 49x109. Three-story and basement frame apartment building.
Owner—Henry and Hattie Tillman, 445 Ellis St., San Francisco.
Architect—None.
Contractor—Emil Nelson, 55 Allston Way, San Francisco.
Filed Feb. 9, '24. Dated Feb. 7, '24.
Frame up $13 250
Brown coated 13,250
Completed and accepted..... 13,250
Usual 35 days..... 13.250
TOTAL COST, $53,000
Bond, $26,500. Sureties, Chas. Monson and Martin Nelson. Limit, 150 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(560) W PARKER AVE 200 N Geary. All work for two-story and garage frame flats.
Owner—Alma M. and Emma A. Schlessmann.
Architect—None.
Contractor—T. R. and T. L. Sharman, 1440 Shafter St., San Francisco
Filed Feb. 9, '24. Dated Feb. 7, '24.
Frame up $2000
Brown coated 2000
Completed 2000
Usual 35 days..... 2000
TOTAL COST, $8000
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

DWELLING
(561) S E ALEMANY & THERESA. 1-story frame dwelling.
Owner—Frank Olmo Co., 3373 Mission St., San Francisco.
Architect—None. $3800

DWELLINGS
(562) W CONGO 100 125 150 S Monterey. Three 1-story frame dwellings
Owner—T. Jacobson, 1828 Eddy Street, San Francisco.
Architect—None.
Contractor—Johnson & Erlendson, 1565 Jackson St., S. F. 2 at $3000
1 at $4000

FLATS
(563) EUREKA ST. 245 N 20th St. 2-story & basement frame (4) flats
Owner—Katherine Collopy, 1141 Cole St., San Francisco.
Architect—None.
Contractor — Theodore P. Merz, 1143 Cole Street, S. F. $10,000

BUILDING
(564) FIFTH NEAR HARRISON ST. 1-story concrete light mfg.
Owner—O. J. Williams, 67 Second St., San Francisco.
Architect—N. W. Sexton, 1607 Chronicle, San Francisco.
Contractor—J. S. Sampson Co., Monadnock Bldg., S. F. $7000

DWELLING
(565) S HIGHLAND AVE. 191 E Park Ave. 1-story frame dwelling.
Owner—Mrs. Ethel Toranto, 332 Highland Ave., San Francisco.
Architect—None.
Bdilder—Wm. Demartine, 43 Lucky St. San Francisco $2000

FLATS
(566) E HARRISON 156 S 23rd St. 2-story and basement frame (2) flats
Owner—A. Henry Squeri, 1024 Florida, San Francisco.
Architect—None. $5000

DWELLING
(567) E JULES AVE. 225 S Demontford St. 1-storyy frame dwelling.
Owner—Annie J. Sullivan, 240 Jules Ave., San Francisco.
Architect—None. $4000

DWELLING
(568) S SEVILLE 190 W NAPLES. 1-story frame dwelling.
Owner — John Cipollo, 2269 Chestnut, San Francisco.
Architect—None.
Builder — Marius Laursen, 312 Bayswater St., Burlingame. $2000

DWELLING
(569) W THERESA 24 N ALEMANY Ave. 1-story frame dwelling.
Owner—Frank Olmo, 3373 Mission St., San Francisco.
Architect—None. $3800

DWELLING
(570) W VERNON 125 N Randolph. 2-story frame dwelling.
Owner—Mrs. Mary Davis 604 Randolph St., San Francisco.
Architect—None.
Contractor—Henry Davis 604 Randolph St., San Francisco. $1500

DWELLING
(571) E MAGELLAN AVE. 40 N from NW Cor. land conveyed to City & C of S. F. by Newell Murdock Realty Co. N on curve 60 N 74 deg 19 min 51 sec E 64.054 S 12 deg 18 min 45 sec E 13.105 SE 39.911 S 35 deg 18 min 49 sec E 12.320 SW $1.522. Al work for frame dwelling.
Owner—N. J. Malville 160 Ashton, S. F.
Architect—Vincent Buckley.
Contractor—McCauley & Weber, 1131 Ocean Ave., San Francisco.
Filed Feb. 11, 1924. Dated Feb. 11, 1924.
On signing contract $2100
Enclosed 1187.50
Rough mortar on 1187.50
Completed and accepted.... 1187.50
Usual 35 days 1187.50
TOTAL COST, $6850
Bond, $3425: Sureties Maryland Casualty Co.; Forfeit, $2; Limit, 90 days; Plans and specifications filed.

DWELLING
(572) E THIRTY-FIRST AVE. 150 S Taraval S 25 x E 120. All work for 1-story frame dwelling.
Owner—G. W. Rawls.
Architect—None.
Contractor—McCauley & Weber, 1131 Ocean Ave., San Francisco.
Filed Feb. 11, 1924. Dated Jan. 25, 1924.
On signing contract $2250
Enclosed 750
Rough mortar on 750
TOTAL COST, $5250
Bond, $2625; Sureties, Maryland Casualty Co.; Forfeit, $2.50; Limit, 90 days Plans and specifications filed.

DWELLING
(573) E THIRTY-FIRST AVE. 175 S Taraval S 25 x E 120. All work for 1-story frame dwelling.
Owner—G. W. Rawls.
Architect—None.
Contractor—McCauley & Weber, 1131 Ocean Ave., San Francisco.
Filed Feb. 11, 1924. Dated Jan. 25, 1924.
On signing contract $2250
Enclosed 750
Rough mortar on 750
Completed and accepted..... 750
Usual 35 days 750
TOTAL COST, $5250
Bond, $2625; Sureties, Maryland Casualty Co.; Forfeit, $2.50; Limit, 90 days Plans and specifications filed.

BUILDING
(574) E FIFTH 61-3 S Harrison 52-6 x 80. All work for 1-story bldg.
Owner—O. J. Williams, 67 2nd St., San Francisco.
Architect — N. W. Sexton, Chronicle Bldg., San Francisco.
Contractor—J. S. Sampson Co., Monadnock Bldg., San Francisco.
Filed Feb. 11, 1924. Dated Feb. 11, 1924.
Form work up to mezz. floor..$2825
Roof on 2825
Completed and accepted..... 2825
Usual 35 days 2825
TOTAL COST, $11,300
Bond, none; Forfeit, $10; Limit, 60 days; Plans and specifications filed.

FLATS
(575) E CHURCH 95-8 N 24-6 N 25 x E 100. All work except painting for 2-story and basement frame building (flats).
Owner—B. Cassou, 3770 24th St., S. F.
Architect—J. A. Porporato, 619 Washington St., San Francisco.
Contractor—Paul De Martini, 2869 Octavia St., San Francisco.
Filed Feb. 11, 1924. Dated Feb. 9, 1924.
Rough frame up $2500
Brown coated 2600
Completed and accepted 2800
Usual 35 days 2999
TOTAL COST, $10,899
Bond, $5500; Sureties, J. M. Icardo & G. B. Cordano; Forfeit, none; Limit, 90 days; Plans and specifications filed.

(576) PLUMBING, HEATING, ETC. on above.
Contractor—George Haub, 1237 Filbert St., San Francisco.
Filed Feb. 11, 1924. Dated Feb. 9, 1924.
Rough plumbing & heating system in $700
Completed and accepted 657
Usual 35 days 500
TOTAL COST, $1857
Bond, $1000; Sureties, C. J. Horgan & Fred C. Haub; Forfeit, none; Limit, 90 days; Plans and specifications filed.

BANK BUILDING
(577) NW TWENTY-SECOND AND Valencia N 50 x W 82-6. Marble work for bank building.
Owner—The Hibernian Savings & Loan Society, NW Jones, San Francisco.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Contractor—J. E. Back Co., 1533 San Bruno Ave., San Francisco.
Filed Feb. 11, 1924. Dated Jan. 29, 1924.
Completed and accepted $2395.50
Usual 35 days 789.50
TOTAL COST, $3194
Bond, Forfeit, none; Limit, as required; Plans and specifications filed.

(578) GLASS & GLAZING ON ABOVE
Contractor—The Crowe Glass Co., 1274 Eddy St., San Francisco.
Filed Feb. 11, 1924. Dated Jan. 29, 1924.
Completed and accepted $1184
Usual 35 days 395
TOTAL COST, $1579
Bond, Forfeit, none; Limit, as required; Plans and specifications filed.

(579) PLUMBING & SEWER WORK on above.
Contractor — Frederick N. Snook Co., 596 Clay St., San Francisco.
Filed Feb. 11, 1924. Dated Jan. 29, 1924.
Roughed in $780
Completed and accepted 792
Usual 35 days 524
TOTAL COST, $2096

Bond, Forfeit, Limit, Plans and specifications, none.

(580) TILING WORK ON ABOVE.
Contractor — Malott & Peterson, 2412 Harrison St., San Francisco.
Filed Feb. 11, 1924. Dated Jan. 29, 1924.
Completed and accepted.....$258.75
Usual 35 days 86.25
TOTAL COST, $345
Bond, Forfeit, none; Limit, as required; Plans and specifications filed.

(581) SHEET METAL WORK ON above.
Contractor—The Guilfoy Cornice Wks. 229 8th St., San Francisco.
Filed Feb. 11, 1924. Dated Jan. 29, 1924.
Completed and accepted.....$348
Usual 35 days 116
TOTAL COST, $464
Bond, Forfeit, Limit, Plans and specifications, none.

(582) IRON WORK & STEEL STAIRS on above.
Contractor — The Federal Ornamental Iron & Bronze Co., 16th St. & San Bruno Ave., San Francisco.
Filed Feb. 11, 1924. Dated Jan. 29, 1924.
Ready for delivery $1000
Completed and accepted 1362.50
Usual 35 days 787.50
TOTAL COST, $3150
Bond, Forfeit, none; Limit, as required; Plans and specifications filed.

(583) PAINTING & FINISHING ON above.
Contractor — A. Quandt & Sons, 374 Guerrero St., San Francisco.
Filed Feb. 11, 1924. Dated Jan. 29, 1924.
Completed and accepted $686.25
Usual 35 days 228.75
TOTAL COST $915
Bond, Forfeit, none; Limit, as required; Plans and specifications filed.

(584) COMPOSITION ROOFING AND damproofing on above.
Contractor—Malott & Peterson, 1224 Harrison St., San Francisco.
Filed Feb. 11, 1924. Dated Jan. 29, 1924.
Completed and accepted $234
Usual 35 days 78
TOTAL COST, $312
Bond, Forfeit, none; Limit, as required; Plans and specifications filed.

(585) FURRING & PLASTERING ON above.
Contractor—Francis O'Reilly, 180 Jessie St., San Francisco.
Filed Feb. 11, 1924. Dated Jan. 29, 1924.
1st coat plaster on $1000
Completed and accepted 4016
Usual 35 days 1672.25
TOTAL COST, $6689
Bond, $3344.50; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, as required; Plans and specifications filed.

(586) HEATING & VENTILATING on above.
Contractor—Scott Co., 243 Minna St., San Francisco.
Filed Feb. 11, 1924. Dated Jan. 29, 1924.
Heating pipes & ducts in place $1100
Completed and accepted 1150
Usual 35 days 750
TOTAL COST, $3000
Bond, Forfeit, none; Limit, 30 days after building ready; Plans and specifications filed.

(587) WIRING & ELECTRIC WORK on above.
Contractor—H. S. Tittle, 85 Columbia, San Francisco.
Filed Feb. 11, 1924. Dated Jan. 29, 1924.
Conduits installed $700.00
Completed and accepted 744.50
Usual 35 days 481.50
TOTAL COST, $1926
Bond, Forfeit, none; Limit, 10 days after building ready; Plans and specifications filed.

DWELLINGS
(588) W WINDING WAY 306 N Naylor; S WINDING WAY 133 and 165 W Naylor. Three one-story and basement frame dwellings.
Owner—Crocker Est. Co., 525 Crocker Bldg., San Francisco.
Architect—None. $3800 each

DWELLINGS
(589) S ROLPH 35 W Winding Way; N ROLPH 86 E Munich; SW ROLPH and Winding Way. Three one-story and basement frame dwellings.
Owner—Crocker Est. Co., 525 Crocker Bldg., San Francisco.
Architect—None. $3800 each

DWELLING
(590) S ATHENS 108 E Cordova. One story dwelling
Owner—Crocker Est. Co., 525 Crocker Bldg, San Francisco.
Architect—None. $4800

DWELLING
(591) W MOSCOW 70 S Amazon. One-story dwelling.
Owner—Crocker Est. Co., 525 Crocker Bldg., San Francisco.
Architect—None. $3800

DWELLINGS
(592) N CHICAGO 148 W South Hill. S CHICAGO 265 and 200 E Naylor. N CHICAGO 181, 81 and 114 W South Hill.
N CHICAGO 48 W South Hill. S CHICAGO 233, 300 and 166 E Naylor. Ten one-story frame dwellings.
Owner—Crocker Est. Co., 525 Crocker Bldg. San Francisco.
Architect—None. $3800 each

DWELLINGS
(593) W CORDOVA 50, 25, 100 and 75 S Prague. Four one-story frame dwellings.
Owner—Crocker Est. Co., 525 Crocker Bldg., San Francisco.
Architect—None. $3800 each

DWELLING
(594) E ARMY 460 E Mission. Two-story and basement frame dwlg.
Owner—W. A. Newsom, % Bank of Italy, San Francisco.
Architect—G. M. Battersby, 2706 Mission St., San Francisco.
Contractor—G. M. Battersby & Co., 2706 Mission St., S F. $4000

ALTERATIONS
(595) NO. 1825 BROADWAY. Alter and repair dwelling.
Owner—E. Moffitt, 168 Sutter St., S. F.
Architect—E. E. Bertz, 168 Sutter St., San Francisco.
Contractor—V. Filippis, 1527 Powell St., San Francisco. $5000

FRAME FLATS
(596) S CALIFORNIA 90 W 18th Ave. Two-story and basement frame (2) flats.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $6000

DWELLING
(597) W CRAUT 85 S Maynard. One-story and basement frame dwlg.
Owner—Thos. F. O'Donnell, Craut and Maynard Sts., San Francisco.
Architect—None.
Contractor—Kronquist & Jacobsen, 725 Elizabeth St., S. F. $3900

ALTERATIONS
(598) 1254 FORTY-SEVENTH AVE. Extend dwelling 18 ft., and remodel for private garage quarters.
Owner—Jeanne Bogey, 1254 47th Ave., San Francisco.
Architect—None.
Contractor—Mr. Georges 1515 48th Ave. San Francisco. $1000

DWELLING
(599) N FLORENTINE AVE. 58 E Mission. One-story and basement frame dwelling.
Owner—Geo. N. Witbeck, 3066 22nd St., San Francisco.
Architect—None. $3000

APARTMENTS
(600) SW FRANCISCO AND Octavia. Three-story and basement frame (12) apartments.
Owner—Strand & Strand, care of Architects.
Architect—Bauman & Jose, 251 Kearny St., San Francisco. $25000

FLATS
(601) W FRANKLIN 50 S Francisco. Two-story and basement frame (2) flats.
Owner—E. A. Bottcher, —.
Architect—Erle J. Osborne, 593 Market St., San Francisco
Contractor—Anderson Bros., 1264 Noe St., San Francisco. $6000

DWELLINGS
(602) E FORTY-EIGHTH AVE. 25, 50 75 N Fulton. Three 1-story and basement frame dwellings.
Owner—N. Schultz, 46 Kearny St., San Francisco.
Architect—None. $2500 each

DWELLING
(603) S GENEVA 104 E Paris. One-story and basement frame dwelling.
Owner—Dr. H. R. Painton, 4601 Mission St., San Francisco.
Architect—J. Cather Newson, 704 Santa Fe Bldg., San Francisco
Contractor—J. Cather Newson Co., 704 Santa Fe Bldg., S. F. $4000

ALTERATIONS
(604) 5026 GEARY STREET. Remodel basement quarters for store.
Owner — E. Molinari, 5026 Geary St., San Francisco.
Architect—L. Mastropasqua, 580 Washington St., San Francisco.
Contractor—J. G. Leibert, 180 Jessie St. San Francisco. $1500

SHOP BLDG.
(605) N HARRISON 105 E Eighth. One - story reinforced concrete shop.
Owner—Merton J Price, 850 Pacific Bldg., San Francisco.
Architect—Dodge A. Reidy, 850 Pacific Bldg., San Francisco. $6000

RESIDENCE
(606) E SAN FERNANDO WAY 205 N St. Francis Blvd. Two-story and basement frame residence.
Owner—Chas. T. Spader, 247 Montgomery St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Willis L. Gott, 683 3rd Ave San Francisco. $10560

DWELLING
(607) S SUNNYSIDE AVE 100 E Genesee. One-story and basement frame dwelling.
Owner—Mrs. Medley, —.
Architect—None.
Contractor—Mr. Ulnich, 1279 O'Farrell St., San Francisco. $3000

DWELLING
(608) W TWENTY-EIGHTH AVE. 27 N Irving. One-story and basement frame dwelling.
Owner—Samuel J. Jones, 804 Mills Bldg San Francisco.
Architect—None. $4000

DWELLING
(609) E TWENTY-NINTH AVE. 325 S Irving. One-story and basement frame dwelling.
Owner — Bernhardt Building Co., 582 Grove St., San Francisco.
Architect—Gustave Stahlberg. $5000

DWELLINGS
(610) W THIRTIETH AVE 30, 60, 90, 120, 150, 180, N Irving. Six 1-story and basement frame dwellings.
Owner—Mrs. Arlott & Son, 235 Granville Way, San Francisco.
Architect—None. $4000 each

DWELLINGS
(611) E THIRTY-FOURTH AVE. 200, 225 N Balboa. Two 1-story and basement frame dwellings.
Owner—Arkwright & Connor, 1810 Clement St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 First National Bank Bldg., San Francisco. $4000 each

FLATS
(612) E TWENTY-SIXTH AVE. 25, 50, 75, 100. S Anza. Four 2-story and basement frame flats. (2 flats in each bldg.)
Owner—Wm. McDonald, 6140 Geary St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $6000 each.

DWELLINGS
(613) N URBANO DRIVE 380, 419 W Borica. Two 2-story and basement frame dwellings.
Owner — Urban Realty Co., 39 Montgomery St., San Francisco.
Architects and Contractors—Leonard & Holt, 39 Montgomery St., San Francisco. $7000 each.

STORES
(614) S UNION 220-6 E Webster. One-story frame stores.
Owner—Samuel H. Levin, Inc., Chronicle Bldg., San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor — G. B. Pasqualetti, 2330 Larkin St., San Francisco. $12000

APARTMENTS
(615) W BUCHANAN 100 N Green. 2-story and basement frame (4) apartments.
Owner—W. W. Rednall, 2500 Filbert St., San Francisco.
Architect—Plans by owner. $12000

APARTMENTS
(616) NW JONES AND ANACONdray. Three-story and basement frame (6) apartments.
Owner—G. Devencenzi & L. Navi, 528 Union St., San Francisco.
Architect—None. $14000

COMMERCIAL BLDG
(617) N BRYANT 300 W Third. One-story concrete commercial bldg.
Owner—J. Abrahamson, Nevada Bank Bldg., San Francisco.
Consulting Engineer—Alfred P. Fisher, 1016 Nevada Bank Bldg., San Francisco. $6300

ALTERATIONS
(618) NW CALIFORNIA AND MONTgomery. Change location of sidewalk doors, construct brick retaining wall.
Owner—John A. Hooper, 508 California St., S. F.
Architect—None.
Contractor—Chas. W. Heyer, Jr., Mills Bldg., S. F. $1000

DWELLING
(619) W CUVIER 100 S Bosworth. One-story and basement frame dwelling.
Owner—Clara Wolff, 2869 Harrison St., San Francisco.
Architect—None.
Contractor—A. H. Ohlsen, 2431 Post St. San Francisco. $3000

STOREHOUSE
(620) SE ELDORADO AND ILLINOIS. One-story frame storehouse.
Owner — Associated Oil Co., 70 New Montgomery St., S. F.
Architect—Plans by owner. $4000

DWELLING
(621) E ELEVENTH AVE. 125 N Moraga One-story and basement frame dwelling.
Owner—L. S. Ross, 1440 15th Ave., S. F.
Architect—None. $3000

FLATS
(622) S FILBERT 70-6 W Taylor. 2-story and basemen t frame (2) flats.
Owner—Dr. F. G. Casella, 583 Green St., S. F.
Architect—None.
Contractor — Devencenzi Bros., 1082 Union St., Apt. 2, San Francisco. $4000

ALTERATIONS
(623) 812 MARKET STREET. Remodel store front, marble, tile and glass work; interior alterations, painting, decorating, etc.
Owner—Harry Wallach, 812 Market St., San Francisco.
Architect—Designer G. C. Shervey, 557 Mission St., S. F.
Contractor—Ehlers & Smith, 557 Mission St., S. F. $5850

FLATS
(624) N PACIFIC 221 E Jones. Two-story and basement frame (2) flats.
Owner—A. Domeniconi, 44 Bernard St., San Francisco.
Architect — Paul F. DeMartini, 946 Broadway, S. F.
Contractor—Paul DeMartini, 2869 Octavia St., S F. $8000

DWELLING
(625) N ROLPH 151 E Mission. One-story and basement frame dwelling.
Owner—R. Halenbarter, 132 Park St., San Francisco.
Architect—None.
Contractor—Ben Heglin, 251 Richland Ave., S. F. $3000

APARTMENTS
(626) W LEAVENWORTH BET. Geary and Post Sts. Five-story and basement reinforced concrete (32) apartments.
Owner—Percy D. Tyler, 1138 Cabrillo St., S. F.
Architect—None. $50,000

ELEC. INSTALLATION
(627) SE CALIFORNIA & FILLMORE Sts. Electrical installation for 3-story store and apartment bldg.
Owner—E. & D. A. Horn, 258 Washington St., San Francisco.
Architect—Geo. E. Ralph, 709 Pine St. San Francisco.
Contractor — The Decker Electrical Construction Co., 149 New Montgomery St., San Francisco.
Filed Feb. 13, 1924. Dated Feb. 8, 1924.
10th each month 75%
Usual 35 days 25%
TOTAL COST, $2228
Bond, $1114; Sureties, United States Fidelity & Guaranty Co.; Forfeit, none Limit, June 1, 1924; Plans and specifications filed.

OFFICE BLDG.
(628) SE MARKET & BEALE. Architectural terra cotta for exterior facing of new general office bldg.
Owner — Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Contractor—Gladding McBean & Co., Crocker Bldg., San Francisco.
Filed Feb. 13, 1924. Dated Feb. 4, 1924.
Ea mo. as work progresses.....85%
Completed and accepted 15%
TOTAL COST, $133,495
Bond, $66,750; Sureties, Indemnity Insurance Co. of North America; Forfeit, none; Limit, Aug. 2, 1924; Plans and specifications filed.

DEMOLISH
(629) NO. 315 BATTERY ST. Simon Bros. have purchased class C brick bldg for $3500 which they agree to demolish and take away by March 10, 1924.
Owner—Federal Reserve Bank of San Francisco.
Architect—None.
Contractor—Symon Brothers 1525 Market St., San Francisco.
Filed Feb. 13, 1924. Dated Feb. 11, 1924.
Payments not given.
TOTAL COST, $3500
Bond, $15,000; Sureties, Fidelity and Deposit Co.; Forfeit, none; Limit, Mar. 10, 1924; Plans and specifications, none

ALTERATIONS
(630) S BROADWAY 77-2½ E Octavia E 25xS 122-8. All work for alterations to dwelling.
Owner—Margaret J. Moffitt.
Architect — Earl B. Bertz, 168 Sutter St., San Francisco.
Contractor—V. Fillipis, 1527 Powell St., San Francisco.
Filed Feb. 13, '24. Dated **Feb. 14, '24.**
Ready for roofing.....$2038.25
Brown coated 2038.25
Completed and accepted..... 2038.25
Usual 35 days..... 2038.25
TOTAL COST, $8153.00
Bond, $4076.50. Surety United States Fidelity & Guaranty Co. Limit, 90 days. Forfeit, $5. Plans and specifications filed.

APARTMENTS
(631) S FULTON 137-6 W Webster 27-6x137-6. All work for three-story and basement frame building (apartments).
Owner—Hannah D. Barron and Jennie Fogel, 898 Fillmore St., S. F.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—Fred Warden, 1527 11th Ave., San Francisco.
Filed Feb. 13, '24. Dated Feb. 7, '24.
Frame up and roof on.....$6825
Brown coated 6825
Completed and accepted..... 6825
Usual 35 days..... 6825
TOTAL COST, $27,300
Bond, none. Limit, 100 days. Forfeit, $16. Plans and specifications filed.

BUILDING
(632) NW PIERCE AND POST W 37-6 N 87-6 W 50 N 25 E 87-6 S 112-6. All work except painting, electric fixtures, papering and shades for three-story and basement frame building.
Owner—Esrael Singer.
Architect—E. A. Neumarkel, 544 Market St., San Francisco.
Contractor — Meyer Bros., 603 First National Bank Bldg., S. F.
Filed Feb. 13, 1924. Dated Feb. 1, '24.
Ceiling joists in place.....$ 7,700
Plumbing roughed in and roof on..... 7,700
Brown coated 7,700
Plastering completed & standing trim on..... 7,700
Completed and accepted..... 8,198
Usual 35 days..... 13,000
TOTAL COST, $51,998
Bond, $26,000 Surety, Jas. Cantley & Anna J. Meyer. Limit, 120 days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(633) E SANCHEZ 30 N Sixteenth E 95xN 29-7. All work except shades, finish hardware and lighting fixtures for three-story and basement frame apartments.
Owner—Michael H. and Mary Hoare, 3476 16th St., San Francisco.
Architect—N. W. Mohr, 20th and Diamond Sts., San Francisco.
Contractor — Albert Bernhardt, 4440 20th St., San Francisco.
Filed Feb. 13, '24. Dated Jan. 30, '24.
Frame up $4380
Building plastered 4380
Trim on 4380
Completed 4380
Usual 35 days..... 4380
TOTAL COST, $21,900
Bond, none. Limit 210 days after Mar. 1, 1924. Forfeit, plans and specifications, none.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

E RAILROAD AVE 260 and 228 N Bay Shore Ave N 32xE 100 Ptn Blk 11, Crocker Bay Shore Tct. Crocker Estate Co to whom it may concern.....Feb. 1, 1924

Feb. 9, 1924—LOT 11 BLK 6417, Crocker Amazon Tct Sub 2, Crocker Estate Co to whom it may concern .....Feb. 1, 1924

Feb. 9, 1924—LOTS 20 AND 9 BLK 6442, Crocker Amazon Tract Sub 2. Crocker Estate Co to whom it may concern .....Feb. 1, 1924

Feb. 9, 1924—LOT 15 BLK 14, Crocker Amazon Tract. Crocker Estate Co to whom it may concern..Feb. 1, '24

Feb. 9, 1924—LOT 6 BLK "P" Addns to Castro St. Addn and Glen Park Terraces. Crocker Estate Co to whom it may concern....Feb. 1, 1924

Feb. 9, 1924—N CHENERY 50.01 E Lippard E 25.01xN 75 Lot 16 Blk 6739 Addns to Mission and 30th St. Extn Hd. Crocker Estate Co to whom it may concern....Feb. 1, 1924

Feb. 9, 1924—E RAILROAD AVE 196 N Bay Shore Ave N 32xE 100 Ptn Blk 11, Crocker Bay Shore Tract. Crocker Estate Co to whom it may concern.....Feb. 1, 1924

Feb. 9, 1924—W THIRTY-NINTH AV 125 S Geary W 120xS 50. M M Bew to Chas E Bew.....Feb. 8, 1924

Feb. 9, 1924—CLARA 225 SE from SW Fifth 25x80. Thomas P Mulcahy to whom it may concern....Feb. 9, 1924

Feb. 9, 1924—NO. 2563 TWENTY-ninth Ave. Wm Carlson to E Wiander.....Feb. 5, 1924

Feb. 9, 1924—LOT 7 BLK 3108 Westwood Park. Hans and Esther E Nelson to whom it may concern.....Feb. 7, 1924

Feb. 7, 1924—E EIGHT AVE 200 N Ortega N 50 E 43.33 m or 1 SE to pt W 40.49 m or 1 to beg E Blanckenburg to whom it may concern.....Feb. 7, 1924

Feb. 8, 1924—E CHURCH 65-1 S Twenty-fifth — 49 E 26 N 47.6 W 11-6 N 1-6 W 14-6. Josephine Gonzales to Meyer Bros...Feb. 5, '23

Feb. 8, 1924—E TWENTY-SECOND Ave 25 S Lincoln Way S 50xE 120. Wm F Doud to Meyer Bros.....Feb. 5, 1924

Feb. 8, 1924—S DORANTES AVE 150 E Cortez, Forest Hill. Arthur D Dorr to whom it may concern.....Feb. 8, 1924

Feb. 8, 1924—S TARAVAL 82-6 and 113-9 E Thirty-fifth Ave E 31-3x 100. Parkside Realty Co to whom it may concern.....Feb. 6, 1924

Feb. 8, 1924—W THIRTY-THIRD AV 250 and 300 S Taraval S 25x120. Parkside Realty Co to whom it may concern.....Feb. 6, 1924
Feb. 8, 1924—W TWENTIETH AVE 100 S Taraval S 33-4x120. Parkside Realty Co to whom it may concern.....Feb. 6, 1924
Feb. 8, 1924—N WASHINGTON 96 E Franklin E 28-3x90-8¾. Grace Perego to Kineanon & Perego....—
Feb. 8, 1924—E ASHTON AVE 125 N Cratton Ave N 50xE 112-6. Oscar and Hilda Wilson to whom it may concern.....Feb. 8, 1924
Feb. 11, 1924—SW FOLSOM AND Sherman. Riddle Sheet Metal Wks to Otto Johnson.....Feb. 8, 1924
Feb. 11, 1924—N OLEAY 47-3 W Van Ness Ave W 63-9xN 120. Young Mens Institute Hall Assn to The Withington Iron Works Feb. 2, '24
Feb. 11, 1924—LOT 11 BLK "H" Mission Terrace. Walter E Hansen to whom it may concern...Feb. 8, 1924
Feb 11, 1924—NW CLAY AND POLK N 63-10¼xW 88-6. Jacob Weisshein to Meyer Bros....Feb. 11, 1924
Feb. 11, 1924—S EIGHTEENTH 80 E Capp E 42-6xS 35. Martin and Freda Larson to whom it may concern.....Feb. 8, 1924
Feb. 11, 1924—NE TWENTY-THIRD and Rhode Island E 25xN 100. W H Gillham to whom it may concern .....Feb. 7, 1924
Feb. 11, 1924—SE PINE AND BRODERICK E 23xS 92. F Edwards to whom it may concern..Dec. 24, 1923
Feb. 13, 1924—S BALBOA 120 W 11th Ave. W 25 x 100. Alfred T. Morris to whom it may conecrn.Feb. 12, 1924
Feb. 13, 1924—S SUTTER 70 E Larkin E 125 S 110.8 E 40 S 26 W 155 N 137-6. College of Electronic Medicine Blanch Jennie R. Abrams Memorial Foundation to Schrader Iron Works. (2 acceptances filed) .....Feb. 11, 1924
Feb. 13, 1924—PTN. LOTS 3 AND 4 Blk 3173 Westwood Park. Hans and Esther E. Nelson to whom it may concern .....Feb. 7, 1924.
Feb. 13, 1924—E LAVENWORTH 65-6 S Ellis 50 x 82-6. M. Lager and Val Franz to J. Moller and R. De Lucca .....Feb. 11, 1924.
Feb. 13, 1924—LOT 19 BLK 20 St. Francis Wood Extn. No. 2. Wm. Saunders to Henry Papenhausen. .....Feb. 1, 1924.
Feb 13, 1924—W MISSION and Ecker SW 47 x NW 112-6 SW 47 NW 75 SE 187-6. Lucy H. and Edith W. Allyne to United States Metal Products Co., care of The Pac. Coast.. .....Feb. 4, 1924
Feb. 13, 1924—W TWENTY-SIXTH Ave 268 N Clement N 25x120. G E Watson to whom it may concern.. .....Feb. 11, 1924
Feb. 13, 1924—NW BALBOA AND Fifteenth Ave N 25xW 77-6. John Johnson to whom it may concern.. .....Feb. 12, 1924
Feb 13, 1924—SE BOSWORTH AND Milton E 25x72. Thomas Johnsen to whom it may concern.Feb. 1, 1924
Feb. 13, 1924—LOTS 6 AND 7 BLK 6417 Crocker Amazon Tract Sub. 2 John C and Daisy S Kinnick to whom it may concern....Feb. 8, 1924
Feb. 13, 1924—W POLK 80 from Union 35x115. Tony Damico to whom it may concern..Feb. 13, 1924
Feb. 13, 1924—W EUREKA 150 S 18th S 50xW 125. Christine and Daniel Wolff to L Salomon.....Feb. 8, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Feb. 9, 1924—S MARKET 78 E Sixth S 170 m or l E 98-5 N 170 W 93-6. Hart-Wood Lumber Co vs Henry D and Estelle Meyer Est, Est Henry G Meyer and Lessed Realty & Investment Co and Geo Farrell.$2252.20
Feb. 9, 1924—LOT 9 BLK 32 Excelsior Hd Assn. M Berman vs Alfred J Kronquist & Jacobson.....$110
Feb. 8, 1924—S VALLEJO 217-6 W Webster W 84-5xS 105. Raphael Zelinsky vs A S Newburgh and Henry Miller $397
Feb. 8, 1924—E THIRTY-EIGHTH Ave 25 S Cabrillo S 25xE 82-6. American Trading Co of the Pacific Coast vs Chas Haggans.....$112.05
Feb. 11, 1924—NE GOLD AND MONTgomery. K C Shurick vs R M Stephenson, Society of California Pioneers, Vogue Ice Cream Co and Missouri Paint & Varnish Co....$60
Feb. 11, 1924—SE McCOPPIN AND Stevenson. K C Shurick vs R M Stephenson and Geo Neumiller..$35
Feb. 11, 1924—E FUNSTON AVE 125 S Geary S 25xE 126. Ed Swift vs Saul and Mary Saslaw and H J Hansen $140
Feb. 13, 1924—E THIRD AVE 125 S Lake S 50xE 120. A Seglieri & Bro Inc vs Lizzie M Richit and George M Merritt Bldg Co.....$552
Feb. 14, 1924—W JONES 77-6 N Turk N 60xW 68-9. Pioneer Plate & Window Glass Co vs H F Ramacciotti and John Morton....$1267.65
Feb. 14, 1924—1137-1139 E KANSAS bet. 22nd and 23rd. Shaw & Co vs Mrs. John Doe Quinn.....$67
Feb. 14, 1924—N ARMY 178-7 W Castro W 75-11xN 114. The Greater City Lumber Co vs Della MacMunson $165
Feb. 14, 1924—SE FILLMORE AND Moulton E 137-6xS 34-6. Fiorio & Figoni, $112.28; Oakley Mill & Lumber Co. $719.64 vs Nisio Giusti, H E Hansen, Thos Johnson and Frank J Prosek .....
Feb. 14, 1924—SE FILLMORE AND Moulton E 137-6xS 34. Excelsior Paint & Supply Co vs Nisio Giusti and H E Hansen.....$417
Feb 14, 1924—E THIRTY-EIGHTH Ave 25 S Cabrillo S 25xE 82-6. D & R M Leonhardt vs Charles Haggans $159.69

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Feb. 9, 1924—E TWENTY-EIGHTH Ave 280 S Geary S 30xE 60. Jas E Burke and Edw Rolff to Anna and L Schumann .....
Feb. 7, 1924—E THIRTY-NINTH AV 30 S Anza S 60xE 90. American Trading Co to L M Carusio and Inlaid Hardwood Co.....$133.25

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Feb. 9, 1924—NW MARKET bet. Grant Ave and Stoekton; No. 780 Market. Jas D Phelan as to improvements on property.....
Feb. 11, 1924—NE FLORENTINE 150 NW Morse NW 60xNE 90. George and Celia White as to improvements on property.....

RELEASE OF BLDG. CONTRACT

SAN FRANCISCO COUNTY

Feb. 13, 1924—CANCELLING contract filed Feb. 8, 1924. Hannah D Barron and Jennie Fogel with Fred Warden

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
619	Swanson	Olsen	3000
620	Same	Same	8000
621	Delbridge	Koler	4250
622	Buck	Williford	8700
623	Stone	Owner	5900
624	Gamborini	Owner	2650
625	Bradley	Baugalifia	1500
626	Robertson	Owner	4000
627	Robertson	Owner	4000
628	Reite	Reite	3500
629	Gibbs	Fish	1967
630	Froberg	Owner	3000
631	Bowen	Cramer	4750
632	Robins	Chapton	4200
633	Porter	Theile	4850
634	Pratt	Owner	9750
635	Marquis	Owner	6000
636	St. Mark's	Owner	18000
637	Finch	Livingston	10000
638	Krieger	Owner	5500
639	Werner	Owner	2500
640	Pittsburg	Betz	2500
641	Marquis	Owner	3000
642	Wentworth	Koski	1000
643	Buller	Koski	5000
644	Priestley	Rockingham	2350
645	West	Williford	3700
646	West	Williford	4800
647	West	Williford	3600
648	Anderson	Moseback	6000
649	Abraham	Owner	1900
650	Ponez	Irranbert	4500
651	Betmon	Legault	9800
652	Bowdish	Calif.	11000
653	Cavens	Owner	3000
654	Hammarberg	Owner	5000
655	Johanson	Owner	15000
656	Swenson	Wieben	4000
657	Patterson	Owner	4000
658	Stulsaft	Hoyt	33000
659	Fell	Owner	3900
660	Rinkert	Owner	3900
661	General	Federal	1500
662	Bertaldi	Owner	2400
663	Law	Owner	3800
664	Miller	Millen	7500
665	Howlett	Owner	1500
666	Matheyer	Matheyer	2500
667	Young	Owner	3000
668	Baarman	Rees	2800
669	Tazer	Moe	2400
670	Johnson	Owner	3850
671	Graves	Graves	2500
672	Nelson	Moe	4500
673	Burg	Kennedy	15000
674	Jacobs	Owner	3800
675	Monahan	Owner	2500
676	Marymont	Bignami	3000
677	Newman	Owner	2000
678	Field	Ower	2000
679	Field	Owner	28000
680	Landon	Schulz	14016
681	Wills	Rice	3500
682	Nielsen	Reite	1000
683	Whalen	Owner	4950
684	Hughes	Owner	3000
685	Dennis	Blodgett	3500
686	Henas	Owner	2500
687	Dashiell	Owner	3000
688	Grassmair	Maurer	7500
689	Calif.	Pedgrift	2000
690	Warren	Anderson	3500
691	Smith	Anderson	4000
692	Delman	Owner	2500
693	Cameson	Hart	5500
694	Whalen	Owner	4950
695	Boorman	Nickerson	2800
696	Carr	Hooper	5663
697	Duncan	Wilson	5000
698	Taylor	Taylor	3000
699	Stuhl	Owner	1200
700	Billett	Mellin	26500
701	Leberer	Thompson	2325
702	Cardinet	Muller	10000
703	Donahue	Sconyers	3000
704	Dollar	Peterson	15303
705	Grassman	Maurer	10573
706	Berger	Borden	18050
707	Huggins	Maurer	16289
708	Donlan	Kendall	10700
709	Gayetti	White	1600
710	Nelson	Angelman	3500
711	Nelson	Angelman	3500
712	Gallagher	Pearson	60583
713	Waugh	Howard	5500
714	Lyon	Owner	5000
715	Gilmour	Wagner	15000
716	Montgomery	Allen	1750
717	Whight	Owner	3400
718	Anderson	Thompson	1000
719	Dunn	Owner	2800
720	Reischrack	Owner	2800
721	Berger	Knust	18000
722	Veseo	Helmkamp	1250
723	Gray	Owner	2000
724	Norman	Owner	3750
725	Siemsen	Visser	2000
726	Benfer	Owner	3500
727	McAnley	McDonell	2500
728	Campbell	Clark	4000
729	Cochrane	Owner	6500
730	Hurley	Lindgren	105000
731	Stringer	Owner	9000
732	Sulphur	Owner	2760

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733	Ruben	Mason	13554
734	Federighi	Grazier	2375
735	McMann	McPhee	22700
736	Brambage	Brambage	7500
737	Carpenter	Owner	3000
738	Huggins	Mauer	11000
739	Terosslon	Bkly	3000
740	Tarossion	Bkly	3000
741	Ruben	Mason	12000
742	Kyle	Miller	12000
743	Taylor	Owner	6000
744	Neigenfind	Owner	3000
745	Cohn	Owner	4042
746	Williams	Owner	2900
747	Camp	Owner	2500
748	Duke	Bauer	2700
749	Roth	Owner	7000
750	Repwir	Owner	3500
751	Grismore	Grismore	1500
752	Meyer	Mullin	3500
753	Anderson	Owner	1000
754	Heaver	Owner	3500
755	Zeppetting	Owner	8000
756	Mattison	Owner	2800
757	Frederickson	Stolte	15000
758	Ronneberg	Dominion	7500
759	National	Owner	8000
760	Christman	Stewart	3500
761	Trausdale	Vaughan	6300
762	Key System	Schnebly	1600
763	Conture	Owner	2000

DWELLING
(619) NO. 2014-A ALAMEDA AVE., Alameda One-story 4-room dwlg.
Owner—A. Swanson, 1533 Pacific Ave., Alameda.
Architect—None.
Contractor—A. Olsen, Oakland. $3000

FLATS
(620) NO. 2012-14 ALAMEDA AVE., Alameda. Two-story 11-room flats.
Owner—A. Swanson, 1533 Pacific Ave., Alameda.
Architect—None.
Contractor—A. Olsen, 2114 E-30th St., Oakland. $8000

DWELLING
(621) NO. 1729 ALAMEDA AVE., Alameda. One-story 6-room dwelling.
Owner—T. Delbridge.
Architect—None.
Contractor—M. C. Koler. $4250

DWELLINGS
(622) NO. 1124 AND 1128 COURT ST. No. 3007 Adams St., Alameda. Three one-story 4-room dwellings.
Owner—Callie Buck.
Architect—None.
Contractor—Howard Williford. $2900 each

DWELLINGS
(623) GARDEN ROAD, Bay Farm Island, Alameda. Two one-story 4-room dwellings.
Owner—E. B. and A. L. Stone.
Architect—None. $2450 each

DWELLING
(624) LINCOLN AVE, bet. Gould Court and Broadway, Alameda. One-story 5-room dwelling.
Owner—B. Gamborini, 1535 Everett St., Alameda.
Architect—None. $3650

ADDITION
(625) NO. 1606 MORTON ST., Alameda Addition.
Owner—Bradley Bros., Inc., Premises.
Architect—None.
Contractor—M. Baugalifia, 1312 Fountain St., Alameda. $1500

DWELLING
(626) SAN ANTONIO AVE., Alameda. One-story 5-room dwelling.
Owner—R. J. Robertson, 1613 Alameda Ave., Alameda.
Architect—None. $4000

DWELLING
(627) SAN ANTONIO AVE., Alameda. Two-story 6-room dwelling.
Owner—R. J. Robertson, 1613 Alameda Ave., Alameda.
Architect—None. $4000

DWELLING
(628) NO. 2132 SAN ANTONIO AVE., Alameda. One-story 6-room dwlg.
Owner—J. E. Reite.
Architect—None.
Contractor—Reite Bros. $3500

ADDITION
(629) NO. 756 SANTA CLARA AVE., Alameda. Addition.
Owner—Mrs. L. Gibbs.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. $1967

DWELLING
(630) NO. 1054 SAN ANTONIO AVE., Alameda. One-story 5-room dwlg.
Owner—J. Froberg, 3243 Encinal Ave., Alameda.
Architect—None. $3000

DWELLING
(631) NO. 1733 SAN JOSE AVE., Alameda. One-story 7-room dwelling.
Owner—Alice B. Bowen, 2256 Central Ave., Alameda.
Architect—None.
Contractor—G. C. Cramer, 1486 75th Ave., Oakland. $4750

DWELLING
(632) NO. 3214 THOMPSON AVE., Alameda. One-story 5-room dwlg.
Owner—Mrs. E. Robins.
Architect—None.
Contractor—L. R. Chapton. $4200

DWELLING
(633) NO. 921 UNION ST., Alameda. One-story 5-room dwelling.
Owner—A. W. Porter, 1626 San Jose Ave., Alameda.
Architect—None.
Contractor—F. J. Theile, 2221 Thompson Ave., Alameda. $4850

BUNGALOW
(634) NO. 2442-44-46 BYRON ST., Berkeley. Three one-story 5-room bungalow.
Owner—Henry E. Pratt, 2346 Valdez St., Oakland.
Architect—None. $3250 each

DWELLINGS
(635) NO. 1335-1337 CARLTON ST., Berkeley. Two one-story 5-room dwellings.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $3000 each

DWELLING
(636) CEDAR AND SPRUCE, Berkeley Two-story 6-room parish house.
Owner—St. Mark's Parish, Premises.
Architect—W. H. Ratcliff Jr., Mercantile Trust Bldg., Berkeley. $18,000

BUILDING
(637) NO. 1506 EUCLID AVE., Berkeley. One and one-half-story 7-room Class C building.
Owner—H. W. Finch, 2159 Vine St., Berkeley.
Architect—None.
Contractor—W. Livingston, 2918 Ellis St., Berkeley. $10,000

DWELLING
(638) NO. 1922 MARIN ST., Berkeley. One-story 6-room dwelling.
Owner—C. J. Krieger, 2513 Keith Ave., Berkeley.
Architect—None. $5500

DWELLING
(639) NO. 2734 MABEL ST., Berkeley. One-story 5-room dwelling.
Owner—Chas. A. Werner, 2416 10th St., Berkeley.
Architect—None. $2500

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DWELLING
(640) NO. 1109 PARKER ST., Berkeley. One-story 5-room dwelling.
Owner—M. R. Sellers, Pittsburg.
Architect—None.
Contractor—C. G. Betz, 1815 Acton St., Berkeley. $2500

DWELLING
(641) NO. 1305 WALNUT ST., Berkeley. One-story 5-room dwelling.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $3000

DWELLING
(642) NO. 1834 YOSEMITE ST., Berkeley. Two-story 8-room dwelling
Owner—F. W. Wentworth, Premises.
Architect—None.
Contractor—Matt T. Koski, 47 Ramona Ave., Oakland. $1000

DWELLING
(643) NO. 30 TERRACE ROAD, Berkeley. Two-story 8-room dwelling
Owner—John L. Buller, 30 Oak Ridge Road, Berkeley.
Architect—None.
Contractor—Matt L. Koski, 47 Ramona Ave., Oakland. $5900

DWELLING
(644) 2125 BUENA VISTA AVE., Alameda. One-story 4-room dwelling.
Owner—Matilda S. Priestley, 2428 Buena Vista Ave., Alameda.
Architect—None.
Contractor — J. H Rockingham, 1433 Grand St., Alameda. $2350

DWELLING
(645) 534 LINCOLN AVE., Alameda. One-story 5-room dwelling.
Owner—West End Bldg. Ass'n., Webster St., Alameda.
Architect—None.
Contractor — Howard Williford, 3265 Central Ave., Alameda. $3700

DWELLING
(646) 532 LINCOLN AVE., Alameda. One-story 6-room dwelling.
Owner—West End Bldg. Ass'n., Webster St., Alameda.
Architect—None.
Contractor — Howard Williford, 3265 Central Ave, Alameda. $4800

COTTAGE
(647) 538 LINCOLN AVE., Alameda. One-story 5-room cottage.
Owner—West End Bldg. Ass'n., Webster St., Alameda.
Architect—None.
Contractor — Howard Williford, 3265 Central Ave., Alameda. $3600

DWELLINGS
(648) 1703 EVERETT ST., Alameda. Two 1-story dwellings, (4 and 5 rooms).
Owner—E. H. Anderson, 1231 High St., Alameda.
Architect—None.
Contractor—G. H. Moseback, 2325 Santa Clara, Alameda. $3000 each

DWELLING
(649) 615 LINCOLN AVE., Alameda. One-story 3-room dwelling.
Owner—C. B. Abraham, premises.
Architect—None. $1900

STORES
(650) 2715-17 ENCINAL, Alameda. One-story 2-room stores.
Owner—Chas. Poney, Encinal and Versailles, Alameda.
Architect—None.
Contractor — M. Quaubert, 1910 40th Ave., Oakland. $4500

APARTMENTS, STORES
(651) LOT 4 and 10 ft. Lot 5, Blk G 1000, N of 40th St., W of Broadway. Two-story stores and apartments.
Owner—Louis Betmon, 3857 Piedmont Ave., Oakland.
Architect—Paul Lavergne.
Contractor—Oliver Legault, 96 Montel St., Oakland
Filed Feb. 6, 1924. Dated Jan. 2, 1924.

Roof completed	$2450
Brown coated	2450
Completed and accepted	2450
Usual 35 days	2450
TOTAL COST,	$9800.

Bond, Sureties, none; Forfeit, $3.00; Limit, 100 days after Jan. 7, 1924; Plans and Specifications filed.

APARTMENTS
(652) SE PIEDMONT AVE. 303.70 SW Echo Ave. SW 63.70 SE 238, Oakland. Two-story apartments.
Owner—B. G. Bowdish, 4210 Piedmont, Piedmont.
Architect—None.
Contractor — Calif. Builders Co., 1534 Franklin St., Oakland.
Filed Feb. 6, 1924. Dated Jan. 12, 1924. Payments not given. TOTAL COST, $11,000
Bond, Sureties, Forfeit, Limit, none; Plans and Specifications not filed.

PERMITS

BUNGALOW
(653) 2326 EDWARDS, Berkeley. 1-story 4-room bungalow.
Owner—O. P. Cavens, 1105 Santa Clara Alameda.
Architect—None. $3000

DWELLING
(654) 2421 MARTINEZ, Berkeley. 1-sto. 6-room dwelling.
Owner—Albert Hammarberg, 589 55th St., Oakland.
Architect—None. $5000

DWELLINGS
(655) 7020 7026 7100 7106 7112 BISSELL, Oakland. 5 1-story 5-room dwellings.
Owner—K. A. Johanson, 2429 13th Ave Oakland.
Architect—None. $3000 each

DWELLING
(656) W AUSEON AVE. 120 S Holly St., Oakland. 1-story 5-room dwlg.
Owner—Anna C. Swenson.
Architect—None.
Contractor—Alex C. Wieben, 839 Rosemount Rd., Oakland. $4000

DWELLING
(657) W HAVENSCOURT BLVD 160 S Avenal, Oakland. 1-story 5-room dwelling.
Owner—J. F. Patterson, 2001 68th Ave. Oakland.
Architect—None. $4000

STORES
(658) W CLAY ST. 60 S 16th St., Oakland. 1-story conc. stores.
Owner—M. Stulsaft Co., San Francisco.
Architect—None.
Contractor—H. P. Hoyt, 822 Monadnock Bldg., San Francisco. $33,000

DWELLING
(659) NE COR. EIGHTY-SEVENTH Ave and Dowling St., Oakland. 1-story 5-room dwelling.
Owner — Jas. Fell, 3889 Brown Ave., Oakland.
Architect—None. $3900

DWELLING
(660) 824 FORTIETH ST., Oakland. 1-story 5-room dwelling.
Owner — Otto Rinkert, 3510 Peralta, Oakland.
Architect—None. $3900

ELECTRIC SIGN
(661) 5441 FOURTEENTH ST., Oakland. Electric sign.
Owner—General Electric Co.
Architect—None.
Contractor—Federal Elec., Emeryville. $1500

DWELLING
(662) S FIFTY-FIFTH ST 34 W Vicente, Oakland. 1-story 4-room dwelling.
Owner—J. Bertaldi, 5628 Vicente St., Oakland.
Architect—None. $2400

DWELLING
(663) 926 FIFTY-SIXTH ST., Oakland. 1-story 5-room dwelling.
Owner—Anna C. Law, 355 12th St., Oakland.
Architect—None. $3800

WAREHOUSE
(664) N FORTY-THIRD ST. 100 E Telegraph, Oakland. 1-story brick and concrete warehouse.
Owner—Miller Bros. Crmry Co., Oakland.
Architect—None.
Contractor—Millen & Taylor, Bldg. Exchange Oakland. $7500

DWELLING
(665) W FIFTY-EIGHTH AVE 480 S Tevis St., Oakland. 1-story 3-room dwelling.
Owner—W. H. Howlett, 914 Myrtle St., Oakland.
Architect—None. $1500

DWELLING
(666) 3324 MAYBELLE AVE., Oakland. 1-story 4-room dwelling.
Owner—Jennie Mathayer.
Architect—None.
Contractor—F. B. Matheyer Co., 1369 Hopkins St., Oakland. $2500

DWELLING
(667) W NINETIETH AVE. 137 N Hillside St., Oakland. 1-story 6-room dwelling.
Owner — E. M. Young, 8933 Foothill Blvd., Oakland.
Architect—None. $3000

CAB SHOP
(668) N ONE HUNDRED FIFTH AVE 200 N E-11th St., Oakland. 1-story cab shop.
Owner—B. J. Baarman, 10035 E-14th St., Oakland.
Architect—None.
Contractor—A. W. Rees, 1625 94th Ave Oakland. $2800

ADDITION
(669) 1729 PLEASANT VALLEY AVE Oakland. Addition.
Owner—A. Tazer, premises.
Architect—None.
Contractor—H. A. Moe, 4116 Allendale Ave., Oakland. $2400

DWELLING
(670) 1038 STANFORD AVE., Oakland. 1-story 5-room dwelling.
Owner—H. Elmer Johnson, San Leandro.
Architect—None. $3850

DWELLING
(671) N SAN JUAN 85 E 38th Ave., Oakland. 1-story 4-room dwelling.
Owner—Alice Graves, 4625 Mera, Oakland.
Architect—None.
Contractor—Irving Graves, 402 Mera, Oakland. $2500

DWELLING
(672) 1047 TRESTLE GLEN RD, Oakland. 1-story 5-room dwelling..
Owner — J. Nelson, 1400 Madera St., Oakland.
Architect—None.
Contractor—Samuel Moe, 4001 Woodruff Ave., Oakland. $4500

ALTERATIONS
(673) SW COR. TWELFTH AND Franklin Sts., Oakland. Alteration.
Owner—Carl Burg, Phelan Bldg., S. F.
Architect—None.
Contractor—F. T. Kennedy, 439 9th St Oakland. $15,000

DWELLING
(674) N E-THIRTY-THIRD ST. 262 E 13th Ave. & 225 E-13th Ave., Oakland. 1-story 5-room dwelling.
Owner—H. B. Jacobs, 341 41st St., Oakland.
Architect—None. $3800

DWELLING
(675) S E-TWENTY-SECOND ST. 217 E-17th Ave., Oakland. 1-story 5-room dwelling.
Owner—L. Monahan, 1368 8th St., Oakland.
Architect—None. $2500

ALTERATION
(676) E TWENTY-THIRD AVE. No. 1422, Oakland. Alterations.
Owner—Mrs. J. Marymont, Oakland.
Architect—None.
Contractor — F. Bignami, 5442 Claremont Ave., Oakland. $3000

DWELLING
(677) 2234 E-TWENTY-FIFTH ST., Oakland. 1-story 4-room dwelling.
Owner—E. O. Newman, 2316 Buena Vista Alameda.
Architect—None. $2000

GARAGES
(678) W YORK ST 300 & 350 N, Oakland. Two garages.
Owner—E. Field, 607 American Bank Bldg., Oakland.
Architect—None. $1000 each

APARTMENTS
(679) W YORK ST. 300 & 350 N Mandana Blvd., Oakland. 2 2-story 16-room apts.
Owner—E. Field, 607 American Bank Bldg., Oakland.
Architect—None. $14,000 each

RECORDED

DWELLING
(680) E HAWTHORNE TERRACE near head of Vine St., Berkeley. One-story and attic frame dwelling.
Owner — Col. Edwin Landon, Cloyne Court, Berkeley.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor — Herbert K. Schulz, 2180 Virginia St., Berkeley.
Filed Feb. 7, 1924. Dated Feb. 5, 1924.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted ..... ¼
30 days after ..... ¼ TOTAL COST, $14,016
Bond, Sureties, none; Forfeit, $3.00 per day; Limit, 120 days; Plans and Specifications not filed.

DWELLING
(681) 1527 BEVERLY PL.,Oakland. 1-story 6-room dwelling.
Owner—A. T. Wills, 1304 Carlotta Ave., Oakland.
Architect—None.
Contractor—Geo. E. Rice, 1517 Hopkins St., Oakland. $3500

AUTO REP. SHOPS
(682) 2871 SAN PABLO AVE., Oakland. 1-story class C auto repair shop.
Owner—N. T. Nielsen, 1062 61st St., Oakland.
Architect—None.
Contractor — Reite Bros., 470 Lincoln Alameda. $1000

DWELLING
(683) 297 ADAMS ST., Oakland. 1-sto. 5-room dwelling.

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DECEMBER 31st, 1923

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Capital, Reserve and Contingent Funds	3,850,000.00
Employees' Pension Fund	430,275.37

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PARK-PRESIDIO DISTRICT BRANCH.....Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....Haight and Belvedere Streets
WEST PORTAL BRANCH.....West Portal Ave. and Ulloa St.

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Owner—J. F. Whalen, 407 Federal Bldg Oakland.
Architect—None. $4950

DWELLING
(684) S CALIF. ST. 193 W Laurel, Oakland. 1-story 5-room dwelling.
Owner—H. V. Hughes, 3826 Loma Vista Ave., Oakland.
Architect—None. $3000

DWELLING
(685) E EIGHTY-SIXTH AVE. 150 N E-14th St., Oakland. 1-story 6-rm. dwelling.
Owner—Mrs. Martha Dennis, 1299 Hyde St., San Francisco.
Architect—None.
Contractor—N. A. Blodgett, 3940 E-14th St., Oakland. $3500

STORE
(686) S E-FOURTEENTH ST. 100 E 19th Ave., Oakland. 1-story tile store.
Owner — M. Henas, 1921 E-14th St., Oakland.
Architect—None. $2500

DWELLING
(687) 3801 LOMA VISTA AVE., Oakland. 1-story 5-room dwelling.
Owner—H. P. Dashiell, 7313 E-14th St., Oakland.
Architect—None. $3000

DWELLING
(688) S LONGRIDGE ROAD 150 E Rosemount, Oakland. 2-story 8-rm. dwelling.
Owner—A. F. Grassmalr.
Architect—None.
Contractor — Geo. J. Maurer Co., 177 Ridgeway Ave., Oakland. $7500

ALTERATIONS
(689) 4499 PIEDMONT AVE., Oakland. Alterations.
Owner—Calif. Crematory, premises.
Architect—None.
Contractor — Jas. H. Pedgrift, 4100 Broadway, Oakland. $2000

DWELLING
(690) E SUNSET AVE. 200 Lynde, Oakland. 1-story 5-room dwelling.
Owner—W. H. Warren, 2802 Fruitvale Ave., Oakland.
Architect—None.
Contractor—E. Anderson, 2044 Austin St., Oakland. $3500

DWELLING
(691) S THIRTY-EIGHTH ST. 85 W Market St., Oakland. 1-story 5-rm. dwelling.
Owner—Andrew Smith, 1469 1st Ave., Oakland.
Architect—None. $4090

ALTERATIONS
(692) 720 TWENTIETH ST., Oakland. Alterations.
Owner—F. Delman, premises.
Architect—None. $2500

DWELLING
(693) E VALE ST. 245 S Porter St., Oakland. 1½-story 7-room dwlg.
Owner—J. Cameson, Hotel Oak, Oakland.
Architect—None.
Contractor—D. E. Hart, 1033 60th St., Oakland. $5500

DWELLING
(694) 294 VERNON ST., Oakland. 1-story 5-room dwelling.
Owner—J. F. Whalen, 407 Federal Bldg Oakland.
Architect—None. $4950

DWELLING
(695) W AUSEON AVE 260 N E-14th St., Oakland. 1-story 5-room dwlg.
Owner—Carl E. Boorman, 10035 E-14th St., Oakland.
Architect—None.
Contractor—G. E. Nickerson, 1316 97th Ave., Oakland. $2800

STORE ETC.
(696) 1737 E-TWELFTH ST., Oakland. 1-story 3-room store and storage building.
Owner—J. M. Carr, Oakland.
Architect—None.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland. $5663

DWELLING
(697) 614 E-TWENTY-SECOND ST., Oakland. 2-story 6-room dwelling.
Owner—Aida and Carrie Duncan, Lester Ave., Oakland.
Architect—None.
Contractor—C. D. Wilson, 2215 Mitchell St., Oakland. $5000

DWELLING
(698) NW COR. EIGHTY-FOURTH & Ave. and Dowling St., Oakland. 1-story 5-room dwelling.
Owner—L. S. Taylor, 1621 10th Ave., Oakland.
Architect—None.
Contractor — B. C .Taylor, 1621 10th Ave., Oakland. $3000

DWELLING
(699) N SUMMIT DR. 500 E Cunningham, Oakland. 1-story 3-rm dwlg.
Owner—Etta M. Stuhl, 2737 Humboldt Oakland.
Architect—None. $1200

FACTORY
(700) SW COR. THIRD AND OAK Sts., Oakland. 2-story conc. factory
Owner—E. R. Billett.
Architect—None.
Contractor—Mellin & Taylor, 351 12th St., Builders Exchange, Oakland. $26,500

DWELLING
(701) W TWENTY-SECOND AVE. 61 N E-15th St., Oakland. 2-story 4-room dwelling and garage.
Owner—Geo. Leberer, 2115 16th St., Oakland.
Architect—None.
Contractor—Thompson & Wilson, El Ceretto. $2325

ADDITION
(702) SE COR. TWENTY-SECOND & Market Sts., Oakland. Brick add.
Owner—Cardinet Candy Co., premises.
Architect—None.
Contractor—F. A. Muller, 805 Syndicate Bldg., Oakland. $10,000

DWELLINGS
(703) N TRENOR ST. 36 & 78 W 18th Ave., Oakland. 2 1-story 3-room dwellings.
Owner—Donahue, Minney & Sconyers.
Architect—None.
Contractor—G. F. Sconyers, 7735 Ney Ave., Oakland. $1500 each

SWIMMING POOL
(704) NO. 101 KING AVE., Piedmont. All work for swimming pool.
Owner—R. Stanley Dollar, Piedmont.
Architect—Chas. W McCall, Central Bank Bldg., Oakland.
Contractor—Alfred Peterson, 3918 Linwood Ave., Oakland.
Filed Feb. 9, '24. Dated Feb. 9, '24.
On 1st and 15th of each month until 70% of contract is paid.. 75%
When accepted 5%
*Usual 35 days..... 25%
TOTAL COST, $15,303
Bond, none. Limit, 100 days. Forfeit, $10. Plans and specifications filed.

DWELLING
(705) PTN LOTS 2 AND 3 BLK 13, Lakeshore Highlands, Oakland All work for two-story frame and plaster dwelling and garage.
Owner—A. F. Grassman, 1060 Walker St., Oakland.
Architect—Shirmer-Bugbee Co., Thayer Bldg., Oakland.
Contractor — Geo. J. Maurer and T. D. Courtright (Geo. J. Maurer Co.), 177 Ridge Way Ave., Oakland.
Filed Feb. 9, '24. Dated Feb. 8, '24.
Frame up and sheather.....$2644.75
Brown coated 2644.75
Completed and accepted.... 2644.75
Usual 35 days..... 2644.75
TOTAL COST, $10,579.00

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Bond, $5289.50. Sureties, Katherine C. Huggins and C Menke. Limit, 100 days Forfeit, none. Plans and specifications filed.

BUNGALOWS
(706) S E-TWENTY-NINTH 170 E 19th Ave 70x140, Oakland All work for ten rustic bungalows.
Owner—D. and Charlotte Berger, 2824 19th Ave., Oakland.
Architect—None.
Contractor—Fred Borden and Jas. G. Kunst, 351 12th St., Oakland.
Filed Feb. 9, '24. Dated Dec. 29, '23.
TOTAL COST, $18,050
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

DWELLING
(707) NO. 1436 EUCLID AVE., Berkeley. All work for two-story and basement frame dwelling and separate garage.
Owner—Amos W. Huggins, 1328 Arch St., Berkeley.
Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor — Geo. J. Maurer and T. D. Courtright (Geo. J. Maurer Co.), 177 Ridge Way Ave., Oakland.
Filed Feb. 9, '24. Dated Feb. 8, '24.
Frame up ..... ¼
Brown coated ..... ¼
Completed ..... ¼
Usual 35 days..... ¼
TOTAL COST, $16,289
Bond, none. Limit, 110 working days. Forfeit, $3. Plans and specifications filed.

APARTMENTS
(708) LOT 3 BLK 23 Map Melrose Heights Brooklyn Twp., Oakland. All work for two-story 16-room frame apartments and one frame garage.
Owner—Joseph Donlan, Oakland.
Architect—None.
Contractor—M. G. Kendall (California Bldrs. Co.), 1534 Franklin St., Okd.
Filed Feb. 9, '24. Dated Feb. 5, '24.
Rough roof on..... ¼
Brown coated ..... ¼
Completed ..... ¼
Usual 35 days..... ¼
TOTAL COST, $10,700
Bond, $5350. Surety, Globe Indemnity Co. Limit, 110 days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(709) NO. 1321 BONITA, Berkeley. One-story apartments and garage.
Owner—France Gayetti, Premises.
Architect—J. A. White.
Contractor—J. A. White, 1631 Edith St., Berkeley. $1600

DWELLING
(710) NO. 1543 CAPISTRANO, Berkeley. One-story 5-room dwelling.
Owner—Carrie Nelson, Bancroft and California St., Berkeley.
Architect—None.
Contractor—J. & E. Angelman, 2047 36th Ave., Oakland. $3500

DWELLING
(711) flNO. 1545 CAPISTRANO ST., Berkeley. One-story 5-room dwlg.
Owner—Carrie Nelson, Bancroft and California St., Berkeley.
Architect—None.
Contractor—J. & E. Angleman, 2047 36th Ave., Oakland. $3500

APARTMENTS
(712) NO. 1741-3-5-7-9 EUCLID AVE., No. 2501 Ridge Road, Berkeley. Three-story 70-room apartments.
Owner—Bessie Gallagher, Ridge Road and Le Roy, Berkeley.
Architect—C. C. Dakin.
Contractor—Ben Pearson, 2403 Grant St., Berkeley. $60,533

RESIDENCE
(713) NO. 2450 REGAL ROAD, Berkeley. One-story 5-room Class C residence.
Owner—P E. Waugh, 288 1st St., S. F.
Architect—None.
Contractor—L. W. Howard, 1520 Woolsey St., Berkeley. $5500

DWELLING
(714) NO. 520 SAN FERNANDO ST., Berkeley. One-story 6-room dwlg.
Owner—O. F. Lyon, 524 San Gernando St., Berkeley.
Architect—None. $5000

STORES
(715) NO. 2222-4-6 TELEGRAPH AVE. Berkeley. One-story Class C stores
Owner—Wm. G. Gilmour.
Architect—Jos Gould.
Contractor—Geo. Wagner, 181 S-Park St., San Francisco. $15,000

DWELLING
(716) NO. 3027 HILLEGASS AVE., Berkeley. One-story 6-room dwlg.
Owner—Mrs. Montgomery, Premises.
Architect—None.
Contractor—Allen & Conrad, 357 12th St., Oakland. $1750

DWELLING
(717) E ADELINE ST. 305 N Twenty-eighth St., Oakland. One-story 5-room dwelling.
Owner—Wm. Ulright, 2939 Adeline St., Oakland
Architect—None. $3400

DWELLING
(718) W EIGHTY-SEVENTH AVE. 150 S B St., Oakland. One-story 3-room dwelling.
Owner—Pete Anderson, 2715 61st Ave., Oakland.
Architect—None.
Contractor—C. L. Thompson, 6857 Halliday, Oakland. $1000

DWELLING
(719) E EIGHTY-THIRD AVE., 287 N Olive, Oakland. One-story 4-room dwelling.
Owner—Bertha E. Dunn, 1610 Central Ave., Oakland.
Architect—None. $2800

DWELLING
(720) E EIGHTY-THIRD AVE. 200 N Olive St., Oakland. One-story 4-room dwelling.
Owner—Chas. E. Reischrack, 1610 Central Ave., Oakland.
Architect—None. $2800

DWELLINGS
(721) S E-TWENTY-NINTH ST. 105 E Nineteenth Ave., Oakland. Nine 1-story 3-room dwellings.
Owner—D. Berger, 2824 19th Ave., Oakland.
Architect—None.
Contractor — Knust & Borden, 5836 Foothill Blvd., Oakland. $2000 each.

FACTORY BLDG.
(722) N E-FOURTEENTH ST. 32 W Sixty-fifth Ave., Oakland. One-story factory building.
Owner—Vesco Radio Shop, P. O. Box 117, Oakland.
Architect—None.
Contractor — O. F. Helmkamp, P. O. Box 117, Oakland. $1250

STORES
(723) NW COR. E-FOURTEENTH ST., and 102nd Ave., Oakland. One-story stores.
Owner—Chas. E. Gray, 10130 E 14th St., Oakland.
Architect—None. $2000

DWELLING
(724) S HOPKINS ST. 323 W Maple Ave., Oakland. One-story 5-room dwelling.
Owner—S. N. Norman, 2030 Austin St., Oakland.
Architect—None. $3750

DWELLING
(725) N MONTANA ST. 490 E Laurel St., Oakland One-story 4-room dwelling.
Owner—A. Siernsen, 822 13th St., Oakland.
Architect—None.
Contractor — A. Visser, 822 13th St., Oakland. $2000

DWELLING
(726) 530 SIXTY-THIRD ST., Oakland One-story 5-room dwelling.
Owner—Myron Benfer, 1805 Alice St., Oakland.
Architect—None. $3500

DWELLING
(727) W SHATTUCK AVE., 165 N Forty-eighth St., Oakland. One-story 4-room dwelling.
Owner—Mary McAuley, 4837 Shattuck St., Oakland.
Architect—None.
Contractor—McDonell & Foreman, 1686 Shattuck, Oakland. $2500

DWELLING
(728) N STATE DRIVE 200 E Florence, Oakland. Two-story 7-room dwelling.
Owner—C. M. Campbell, Spokane, Wash.
Architect—None.
Contractor — W. Clark, R. F. D. Box 2101, Oakland. $4000

FLATS
(729) W TWENTY-FOURTH AVE. 110 S E-Twenty-first St., Oakland. 2-story 8-room (2) flats.
Owner—C. E. Cochrane, 2047 24th Ave., Oakland.
Architect—None $6500

SALESROOM
(730) SW COR. TWENTY-EIGHTH and Webster Sts., Oakland. Two-story concrete auto salesroom.
Owner—F. J. Hurley, 353 Sacramento St., San Francisco.
Architect—None.
Contractor—Lindgren Swinerton, Inc., 622 Standard Oil Bldg., San Francisco. $105,000

DWELLINGS
(731) S VICKSBURG AVE. 44, 78, 112 W Fiftieth Ave., Oakland. Three 1-story 5-room dwellings.
Owner—T. Stringer, 5754 E-14th St., Oakland.
Architect—None. $3000 each

FACTORY BLDG
(732) WESTERN WATER FRONT, Oakland. Two-story factory.
Owner — Pacific Sulphur Co., 800 Fife Bldg., San Francisco.
Architect—None. $2760

STORE BLDG.
(733) POR. LOT 8, BLK. 7 Map of "Property of the College Homestead Assn., Oakland, Alameda Co., Cal." Berkeley. One-story reinforced concrete store building.
Owner—Rose R. Ruben, San Francisco.
Architect—None.
Contractor—Mason McDuffie Co., Shattuck and Addison, Berkeley.
Filed Feb 11, 1924. Dated Feb. 7, 1924.
Val. material and labor furn. each month, payable 5th of month following 75%
35 days after completed and accepted 25%
TOTAL COST, $13,554
Bond, Sureties, none; Forfeit, $15.00 per day; Limit, 100 days after Feb. 15.; Plans and Specifications filed.

BUILDINGS, ETC
(734) POR. LOTS 6 & 7, Blk. 11, map Herzog Tract sub. Sept. 1887, W. F. Bordman, Oakland. Buildings, walks, lawn.
Owner—Virginia Federighi, 858 E-14th St., San Leandro.
Architect—None.
Contractor—Lee Grazier, 1407 10th B, Oakland.
Filed Feb. 11, 1924. Dated Sept. 20, 1923
All bills for material, labor etc., paid by owner within 30 days after presentation. Rem. of con. price when bldg. is sold or rented.
TOTAL COST, $2375.
Bond, Sureties, Forfeit, none; Limit, 90 days; Plans and Specifications not filed.

STORE & LOFT BLDG.
(735) N LINE SEVENTEENTH ST. 156 E then E along N line 17th St. 75 N 108 then W 75 right angle 108 to beginning. Store and loft Class C building.
Owner—R. E. McMann, 730 Arlington, Oakland.
Architect — C. N. Burrell, American Bank Bldg., Oakland.
Contractor—A. J. McPhee, 2144 E 27th St., Oakland.
Filed Feb. 11, 1924. Dated Feb. 8, 1924.
Masonry scaf. high $3420
Second story joists 3420
Roof on 3420
B. completed 3420
Completed and accepted 3420
35 days after accepted 5700
TOTAL COST, $22,800
Bond, Sureties, Forfeit, none; Limit 90 days; Plans and Specifications filed.

DWELLING
(736) 2965 ASHBY AVE., Berkeley. 2-story 7-room dwelling.
Owner—Mabel M. Brambage, 649 Arlington Ave., Berkeley.
Architect—None.
Contractor—E. D. Brambage, 649 Arlington Ave., Berkeley. $7500

DWELLING
(737) 2708 ELLSWORTH, Berkeley. 1-story 5-room dwelling.
Owner—E. E. Carpenter, Hotel Walte-cotton, Berkeley.
Architect—None. $3000

DWELLING
(738) NO. 1436 EUCLID AVE., Berkeley. 2-story 10-room dwelling.
Owner—Amos Huggins, 1336 Arch St., Berkeley.
Architect—Henry W. Gutterson.
Contractor—The Geo. J. Maurer Co., 177 Ridgeway Ave., Oakland. $11,000

DWELLING
(739) 1704 SAN LORENZO, Berkeley. 2-story 5-room dwelling.
Owner—Aron Tarossion, 2431 College Ave., Berkeley.
Architect—None.
Contractor—Bkly Bldg. Co., 2029 Shattuck Ave., Berkeley. $3000

DWELLING
(740) 1700 SAN LORENZO, Berkeley. 2-story 5-room dwelling.
Owner—Aron Tarossion, 2431 College Ave., Berkeley.
Architect—None.
Contractor — Berk. Bldg. Corp., 2029 Shattuck, Berkeley. $3000

STORES
(741) 2423-25-27 TELEGRAPH, Berkeley. 1-story 3-rm class C stores.
Owner—Rose B. Ruben, San Francisco
Architect—C. R. Madison.
Contractor — Mason-McDuffie Co., Shattuck & Madison, Berkeley. $12,000

FLATS
(742) 2407 2407-A 2409 2409-A HILgard, Berkeley. 2-story 12-room flats (4 3-room)
Owner—W. B. Kyle, Los Angeles and Calif. Sts., Berkeley.
Architect—Chester H. Miller, 414 13th St., Oakland. $12,000

DWELLINGS
(743) S ARIZONA ST 268 & 308 E Maple Ave., Oakland. 2 1-story 5-room dwellings.
Owner—F. S. Taylor, Box 97, Fruitvale
Architect—None. $3000 each

DWELLING
(744) 5107 BOND ST., Oakland. 1-sto. 5-room dwelling.
Owner—W. C. Neigenfind, 1531 52nd Ave., Oakland.
Architect—None. $3000

ALTERATIONS
(745) 2100 BROADWAY, Oakland. Alterations.
Owner—Louis Cohn, 110 Sutter St., San Francisco.
Architect—None. $4042

DWELLING
(746) E BROWN AVE. 37 N Calif., Oakland. 1-story 4-room dwelling.
Owner—A. B. Williams, 3856 Brown Ave., Oakland.
Architect—None. $2000

DWELLING
(747) E EIGHTEENTH AVE. 212 S Hamilton, Oakland. 1-story 4-room dwelling.
Owner—Mrs. E. H. Canp, 1088 68th Ave., Oakland.
Architect—None. $2500

DWELLING
(748) NW COR. E-FOURTEENTH ST Oakland. 1-story 4-room dwlg.
Owner—Basel W. Duke, 140 Calland Ave., San Leandro.
Architect—None.
Contractor—A. Bauer, 763 Maud Ave, San Leandro. $2700

DWELLING
(749) NW COR. E-THIRTY-EIGHTH and Beaumont Sts., Oakland. 1-sto. 8-room dwelling.
Owner—L. W. Roth, 1115 Wellington Ave., Oakland.
Architect—None. $7000

DWELLING
(750) S E-FIFTEENTH ST 100 E 6th Ave., Oakland. 1-sto 6-room dwlg.
Owner—John Repwlr, 1044 5th Ave., Oakland.
Architect—None. $3500

DWELLING
(751) 2351 E TWENTY-SECOND ST., Oakland. 1-story 4-room dwelling.
Owner—F. Grismore, 870 Oak St., San Francisco.
Architect—None.
Contractor—J. T. Grismore, 1242 23rd Ave., Oakland. $1600

DWELLING
(752) S E-FIFTEENTH ST. 130 E 3rd Ave., Oakland. 1-sto 6-room dwlg.
Owner—A. W. Meyer, Euclid Ave, Oakland.
Architect—None.
Contractor—Mullin & Pruner 2506 11th Ave., Oakland. $3500

GARAGE
(753) N FIFTY-FOURTH ST. 100 E Genoa St., Oakland. 1-story tile garage.
Owner—Chas. Anderson, 844 54th St., Oakland.
Architect—None. $1000

DWELLING
(754) E FERN ST. 104 S Brookdale Ave., Oakland. 1-story 5-rm. dwlg.
Owner—Robt. E. Hewer, 3509 Foothill Blvd., Oakland.
Architect—None. $3500

DWELLING
(755) E HADDON RD. 120 N Prospect Oakland. 2-story 8-room dwelling.
Owner—P. H. Jeppettini, 3108 Barker St., Oakland.
Architect—None. $8000

DWELLING
(756) E LAGUNA AVE. 50 S Carmel St., Oakland. 1-story 4-room dwlg.
Owner—E. T. Mattison, 3629 Laguna Ave., Oakland.
Architect—None. $2800

CONCRETE BLDG.
(757) E OAK ST., 100 N Tenth St., Oakland. Two-story concrete bldg.
Owner—O. Frederickson.
Architect—None.
Contractor—F. C. Stolt, 3455 Laguna Ave., Oakland. $15000

DWELLING
(758) S OCEAN VIEW DRIVE 349 E Broadway, Oakland. Two-story 9-room dwelling.
Owner—P. Ronneberg, Crocker Bldg., San Francisco.
Architect—None.
Contractor—Jas. Dominion, 362 Hudson St., Oakland. $7500

TOWER
(759) S SECOND ST. BET. BRUSH and Market, Oakland. One-story steel tower.
Owner—National Ice and Cold Storage Co., 2nd and Market, Oakland.
Architect—None. $8000

DWELLING
(760) N THIRTIETH ST. 35 E Chestnut, Oakland. One-story 5-room dwelling.
Owner—H. Christmann, 1084 30th St., Oakland.
Architect—None
Contractor—S. L. Stewart, 646 42nd St., Oakland. $3500

STORES
(761) NW COR. THIRTY-EIGHTH Ave. and Angelo St., Oakland. One-story 2-room stores.
Owner—Miss R. Trausdale. 2115 Broadway, Oakland.
Architect—None.
Contractor—John Vaughan, 561 21st St. Oakland. $6300

REPAIRS
(762) SW COR. TWENTY-SECOND and Grove Sts., Oakland. Roof repairs.
Owner—Key System Transit Co., prem.
Architect—None.
Contractor — Schnebly & Hostrawser, Oakland. $1600

DWELLING
(763) E VICKSBURG AVE. 300 N Ignacio, Oakland. One-story 4-room dwelling.
Owner—Jos. Conture, 5046 Congress Ave., Oakland.
Architect—None. $2000

APARTMENTS
N PRINCETON STREET, 90 E Fairfax Ave., Oakland. Two-story 16 room apartments.
Owner—Jos. Doplan, 1534 Franklin St., Oakland.
Architect—None.
Contractor — Calif. Bldrs. Co., 1534 Franklin St., Oakland. $11000

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Amount

Feb. 6, 1924—1327 SIXTIETH AVE. Clarence A. Shipman to whom it may concern .....Jan. 29, 1924

Feb. 6, 1924—1321 SIXTIETH AVE. Clarence A. Shipman to whom it may concern .....Jan. 29, 1924

Feb. 27, 1924—LOT 27 & 28 PIEDmont Knoll 1049 Winsor Ave., Oakland. P. C. Boehmer to whom it may concern .....Feb. 6, 1924

Feb. 7, 1924—1738 ADDISON ST., Berkeley. T. J. Richards to whom it may concern .....Feb. 7, 1924

Feb. 7, 1924—PT 50 NW OF NW 89th Ave & NE E-14th St NW 70 NE 187, Oakland. Junior Monarch Hay Press Co. to whom it may concern .....Jan. 29, 1924

Feb. 7, 1924—1814 SIXTY-EIGHTH Ave., Oakland bet. Avenal and Flora. Clesson A. Rogers to A. E. Orton .....Feb. 6, 1924

Feb. 7, 1924—2820 CLAREMONT AVE Berkeley. Francis B. Gillingham to Norwood & Harris.....Nov. 8, 1923

Feb. 7, 1924—SHATTUCK AVE. BET. Channing Way and Bancroft Way, Berkeley. S. P. Co. to Hutchinson Co. .....Feb. 1, 1924

Feb. 9, 1924—NO. 1142 EIGHTIETH Ave., Oakland. Fred A Gearn to Walter B Dickie.....Feb. 9, 1924

Feb. 9, 1924—LOTS 9 AND 10 BLK 36, Oakland. M G Kendall to California Bldrs Co.....Jan. 31, 1924

Feb. 9, 1924—SE LOTS 25 AND 26 Blk "P" Amended Map of Moss Tct, Brooklyn Tp, Oakland. Zeno Givarder to Jos Flittner.Feb. 7, 1924

Feb. 8, 1924—LOT 39 AND W 6 Lot 40 Map College Tract, Berkeley. Annie G Newell to whom it may concern.....Feb 4, 1924

Feb. 8, 1924—LOT 6 BLK 18 Boulevard Park, Oakland. John R and Wilhelmine H Santler to H Morris.....Jan. 29, 1924

Feb. 8, 1924—2113 SIXTY-FOURTH Ave., Oakland, being Lot 8 and Ptn Lot 9 Blk 13, Map Havenscourt, Berkeley. M R Silva to whom it may concern.....Feb. 2, 1924

Feb. 7, 1924—LOT 59 and W ½ Lot 51 Blk "M" Iveywood Tract.—. Charlotte A Fowles to Emil Lindquist.....Feb. 4, 1924

Feb. 4, 1924—3728 KINGSLEY AVE., Oakland. Wm G Mulligan to California Bldrs Co.....Nov. 20, 1923

Feb. 7, 1924—NW 40 LOT 25 BLK "E" Bella Vista Park, Oakland. Karl S Fredrickson to whom it may concern.....Feb. 4, 1924

Feb. 13, 1924—1677 GRAND AVE., Oakland. Mrs. A. L. Potter to H. L. Houck .....Feb. 11, 1924

Feb. 13, 1924—NE COR. SAN PABLO and Bancroft Way, Berkeley. Rexy Mfg. Co. to Harry C. Knight.....Dec. 11, 1923

Feb. 13, 1924—SW COR. TWENTY-sixth and Myrtle Sts., Oakland. Natalina Lavacetti to M. J. Vaughn .....Feb. 11, 1924

Feb. 11, 1924—N SIDE MOSS AVE. bet. Broadway and Howe Sts, Oakland. Fabiola Hospital to whom it may concern.....Jan. 24, 1924

Feb. 11, 1924—N SIDE MOSS AVE. bet. Broadway and Howe Sts., Oakland. Fabiola Hospital to whom it may concern...Jan. 25, 1924

Feb. 11, 1924—POR. LOT 16 BLK D Map of Bella Vista Park, Oakland. E. Ellison to whom it may concern .....Feb. 11, 1924

Feb. 11, 1924—POR LOTS 16 & 17 Blk D Map of Belle Vista Park, Oakland. E. Ellison to whom it may concern .....Feb. 11, 1924

Feb. 11, 1924—LOT 2 BLK 4 AMENDed Map of Hopkins Terrace Map No. 4, Berkeley. Sarah Poppin to F. W. Thaxter.....Feb. 1, 1924

Feb. 11, 1924—LOT 11 BLK B MAP of Apgar Tract, Ets., Oakland. Ginseppi Merlino to Murphy F. Hamilton .....Feb. 4, 1924

Feb. 11, '24—LOT 35 BLK I OF MOSS Tract known as 1704 82nd Ave., Oakland. John A. J. Brooks' to whom it may concern....Dec. 1, 1923

Feb. 11, 1924—487 CROFTON AVE. Oakland. C. C. Thatcher to H. M. Frostholm.....Jan. 12, 1924

Feb. 11, 1924—LOT 4 BLK E LOWER Piedmont Park, Oakland. Annie E. Sanders to Mae Jordan..Feb. 5, 1924

Feb. 11, 1924—1—SHATTUCK AVE., Stanford & San Pablo to Henry; 2—9th St., Dwight Way to University, Berkeley. S. P. Co. to Hutchinson Co. .....Feb. 4. 1924

Feb. 11, 1924—NINTH ST. & UNIversity Ave., Berkeley. S. P. Co. to Hutchinson Co.....Feb. 1, 1924

Feb. 11, 1924—SHATTUCK AVE BET Channing Way and Bancroft Way Berkeley. S. P. Co. to Hutchinson Co. .....Feb. 2, 1924

Feb. 11, 1924 — SHATTUCK AVE., Bancroft to Berkeley Way, Berkeley. S. P. Co. to Hutchinson Co. .....Feb. 2, 1924

Feb. 14, 1924 — 1482 SEVENTY-fourth Ave., Oakland. G. R. Blasingame to whom it may concern.. .....Feb. 13, 1924

Feb. 14, 1924—11015 FOOTHILL Blvd., Oakland. M. C. Jensen to whom it may concern..Feb 13, 1924.

Feb. 13, 1924—SW 16 LOT 2 and NE 17 Lot 3, Rio Grande Tract, Brooklyn Tp., Oakland. R. L. Owen to whom it may concern. .....Jan. 31, 1924.

Feb. 13, 1924—POR. LOTS 27 and 28 Blk. 7 Map of Blvd. Park, Brooklyn Tp., Oakland. A. D. Gordon to whom it may concern.Feb. 11, 1924

Feb. 13, 1924—LOT 21 and 22 and S ½ Lot 23 Blk. 156 Kellersbergers Map of Oakland, Oakland. Mary J. Robinson to Alfred H Vogt.. .....Feb. 11, 1924.

Feb. 13, 1924—2831 VIOLA ST., Oakland. Albin Witkowski to L. A. Peters .....Feb. 11, 1924.

Feb. 14, 1924—LOT 48 BLK. 1 Edwards St., Berkeley, Dwight Way Terrace. E. Teicheira, Pres., to Designers & Bldrs. Corp. ..Feb. 10, 1924.

Feb 14, 1924—LOTS 48, 49, 50, 51, Blk. 2436 Sub. Map of Peralta Pk., Berkeley. Ethel Hudson Williams to whom it may concern.Feb. 13, 1924

Feb. 14, 1924—2223 HIGH ST., Oakland. J. D. Fennelly to whom it may concern.....Feb. 12, 1924.

Feb. 14, 1924—LOTS 33 AND 34 BLK. S Regent Park Tract, Berkeley. Jacob F. and Henrietta A. Reahange to Beadell & Lane.Feb. 13, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Feb. 7, 1924 — PTN LOT 3 MAP Bellevue Tract, Piedmont Okd Twp Oakland. W. H. Little vs Jane Doe Abbott and Granville D. Abbott Jr $60.00

Feb. 7, 1924—TCT 16 BLK C, THE Oaks, Oakland & Piedmont. Harry Larsen vs. May A. Preston, E. J. McCord $943.25

Feb. 7, 1924—LOT 49 & 50 BLK A Map of Iveywood, Brookly Twp. Harry Larsen vs E J McCord.$591.75

Feb. 7, 1924—LOT 11 & E 10 FT OF Lot 10 and por Lot 12 Blk G Map Sub Blks E F G Mary E Mortimer Add to Niles, Niles. J. A. Clark and A. Clark (Clark Bros.) vs M. S. Foss, Chas. E. & Carol I. Petersen $85.99

Feb. 9, 1924—1-TN BLK 94 Map No. 2 Highland Park, Oakland. Roberts Mfg Co vs Eloise V Arends and Leo L Nichols $80.50

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Feb. 9, 1924—LOT 10 BLK "F" Map of Peralta Heights, Oakland. M F Wise vs A E Williams and A P Gerow $338
Feb. 8, 1924—LOT 5 BIK "A" Map Castro Valley Gardens, Eden Tp. Sunset Lumber Co. vs. Wm. R. Hunt $247.80
Feb. 8, 1924—E 17.25 LOT 86 and W 16.41 Lot 87, Havenscourt Add., Oakland. M. F. Wise vs. Chas. C. Lane $384.35
Feb. 8, 1924—E 8.61 LOT 87 and all Lot 88. Havenscourt Add., Oakland. M. F. Wise vs Chas. C. Lane..$825.30
Feb. 8, 1924—LOT 85 and W 7.75 Lot 86 Havenscourt Add., Oakland. M. F. Wise vs. Chas. C. Lane $769.25
Feb. 13, 1924—LOT 41 & N 5 FT LOT. 42 Blk 1455 Map Berkeley Ppty Map 1 & 2 Blake Tract being a ptn Plot No. 69 Kellersberger Map of Ranchos of V & D Peralta, Berkeley. E. K. Wood Lumber Co vs L. B. Hull Jr. and J. C. Beach.....$442.05
Feb. 13, 1924—38 MOSSWOOD ROAD Berkeley. W. K. Nottingham vs Vincent Smith and 1st Doe and 2nd Doe $497.35
Feb. 13, 1924—W MARKET ST FACing 9th., a two-story brick building Oakland. K. C. Shurick vs. R. N. Stephenson, J. J. Powers & J. W. Marius $120
Feb. 11, 1924—PTN BLK 94 Map No. 2, Ptn Highland Park, Oakland. G A Johnson and General Mill & Lumber Co vs Leo J Nichols and Eloise Arends $97.92
Feb. 11, 1924—LOTS 1 AND 2 BLK G Map Sub Blks E, F and G Mary E Mortimer Addition to Niles. Roy A Badt and Ray G Falk (Badt-Falk & Co.) vs M S Foss.....$1200
Feb. 11, 1924—LOT 2 BLK F. Salinger Tract Amended Map, Berkeley. Lee J Immel vs E J McCord and A J Gruohs $61.50
Feb. 11, 1924—LOT 7 BLK 7 Map Kenfield's Sub of Lots 13 to 21 inc Blk 7, Jose Domingo Tract, Berkeley. Hogan Lumber & Mill Co vs L D Denton and I Damon..$208.69
Feb. 11, 1924—W 15 LOT 20 and Lot 19 Blk 87, Hogan Sub Map of Blk 87, Highland Park, Alameda. Lee J Immel vs E J McCord and Belle and Willet A Rusco $319.30
Feb. 14, 1924—165 E Thirty-eighth Ave., 20 E Lot 17 and W 12 Lot 16 Blk. 6, Map Allendale Park Tract, Oakland. Duner-Matheny Sash & Door Co., vs. Kramer Bros., E. C. and C. W., and Susie Betts. ..$151.30
Feb. 14, 1924—250 E Thirty-eighth Ave. 29 E Lot 16, Blk. 6, Map Allendale Park Tract, Oakland. Duner-Matheny Sash & Door Co., vs. Kramer Bros., E. C. and C. W., and Susie Betts $151 30
Feb. 14, 1924—LOT 16 BLK. C Map The Oaks, Oakland and Piedmont, Piedmont. Duner-Matheny Sash & Door Co., vs. E. J. McCord, May A. Preston $265.72

Notice of Non-Responsibility

ALAMEDA COUNTY

Feb. 9, 1924—NO. 1810-12-14-16 SAN Pablo Ave., Oakland. Cordule Remillard as to improvements on property .....

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Feb. 6, 1924—BLKS 4 TO 7 PALM Grove Add., Fresno. Thomas Montgomery to E. A. McAlpine.....
.....Feb. 1, 1924
Feb. 6, 1924—LOTS 17 18 BLK 5 ALhambra Tract, Fresno. F. D. Sweeney to whom it may concern.....
.....Jan. 30, 1924
Feb. 7, 1924—LOTS 56 TO 59 BLK 2 Recreation Park, Fresno. D. E. Dewey to whom it may concern.....
.....Feb. 4, 1924
Feb. 9, 1924—LOTS 11 TO 16 BLK 1 Arrants Add, Selma. First Baptist Church of Selma to whom it may concern .....Feb. 4, 1924
Feb. 9, 1924—LOTS 12 TO 16 BLK H Selma. Kutner-Goldstein Co. to whom it may concern..Jan. 31, 1924
Feb. 9, 1924—NE ¼ OF SEC. 30, 16-21, w of railroad, Fresno. Keller Henry W. to Squire Cooper.....
.....Feb. 1, 1924
Feb. 9, 1924—LOTS 44, 45 BLK 4 Roeding Addition, Fresno. Wm. E. Dressel to whom it may concern..
.....Feb. 7, 1924
Feb. 9, 1924—LOTS 1, 2, BLK 1, TORrance Terrace, Fresno. E. D. Guynn to whom it may concern.....
.....Feb. 9, 1924
Feb. 9, 1924—LOTS 3, 4 BLK 11, COLlege Park, Fresno. O. W. Wood to whom it may concern....Feb. 9, 1924
Feb. 9, 1924—LOTS 7 TO 10 BLK 3 Dean Park, Fresno. Lilian Stoner to whom it may concern..Feb. 9, '24
Feb. 9, 1924—LOTS 19, 20 BLK 12 College Park, Fresno, O. W. Wood to whom it may concern..Feb. 9, '24
Feb. 9, 1924—LOTS 35, 36 BLK 20, College Park, Fresno. Mike Selice to whom it may concern.Feb. 9, 1924
Feb. 8, 1924—LOTS 17, 18 BLK 1 Echo Tract, Fresno. Mary A. Waterman to whom it may concern
.....Jan. 29, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
Feb. 7, 1924—5 ACRES IN NE PORtion of SW ¼ of Sec. 11, 14-20, Fresno. Bingham-Wenks Planing Mill Co. vs Anna Pearson.....$509
Feb. 9, 1924—N ½ LOT 35, ALVINA Hts. Fresno. Routt Lumber Co. Inc. vs E. and Vietta Heim $25
Feb. 8, 1924—SE ¼ OF SE ¼ OF Sec. 19, 13-22, Fresno. M. Kellner & Son Lumber Co. vs Kate Plunneke and H. G. Owens.....$419

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

SACRAMENTO. Marble work for Hotel Senator.
Owner—Hotel Senator Corp.
Architect—None.
Contractor—Vermont Marble Co., 244 Brannan St., San Francisco.
Filed Feb. 6, 1924. Dated Feb. 6, 1924.
No payments given.
TOTAL COST, $8270
Bond, Forfeit, Limit Specifications, none; Plans filed.

DWELLING, 1-story 5-room and garage, $3700; 410 24th, Sacramento; owner, H. Kimbraugh; contractor, Davis & Rugg.
DWELLING, 1-story 5-room, and garage, $3300; 320 24th, Sacramento; owner, H. Kimbrough; contractor, Davis & Rugg.
DWELLING, 1-story 5-room, and garage, $4500; 633 Santa Ynez Way, Sacramento; owner, Roy M. Gee, 2220 M, Sacramento; contractor, N. H. Bateman 3933 H, Sacramento.
DWELLING, 1-story 5-room and garage, $4500; 716 San Antonio Way, Sacramento; owner, Agnes I. Bateman, 3933 H, Sacramento; contractor, N. H. Bateman.
DWELLING, 1-story 5-room, and garage; $3200; 432 33rd, Sacramento; owner, Mrs. Evelyn R. Carithers, 3010 U, Sacramento; contractor, Chas. Peterson 1024 W, Sacramento
GENERAL REPAIRS,, $3010; N ¼ Lot 8 M-N-8-9, Sacramento; owner, Gen Bolt, 1319 8th, Sacramento; contractor, G. E. Harvie, 2212 T, Sacramento.
DWELLING, one-story 5-room and garage, $4000; No. 725 Thirty-sixth St., Sacramento; owner, L. J. Miller, 1080 Santa Ynez Way, Sacramento.
FIRE HOUSE, 1-story, $18,655; 940 43rd Sacramento; owner, Sac. City; contractor, Geo. D. Hudnutt, Cal. Fruit Bldg., Sacramento.
MOVE & REMODEL HOUSE, $4400; S ½ of N ½ Lot 1 L-M-21-22, Sacramento; Owner, Geo. Neale, 1205 21st, Sacramento; contractor, C. Vanina, 202 M, Sacramento.
DWELLING, 1-story 5-room, and garage, $4550; 608 Santa Ynez Way, Sacramento; owner, Frank P. Williams, 4440 San Benito, Sacramento
DWELLING, 1-story 5-room, and garage, $4550; 616 Santa Ynez Way, Sacramento; owner, Frank P. Williams.
DWELLING, 1-story 5-room, and garage, $4550; 632 Santa Ynez Way, Sacramento; owner, E. P. Williams.
DWELLING, 1-story 5-room, and garage, $4550; 701 Santa Ynez Way, Sacramento; owner, F. P. Williams.
DWELLING, 1-story 5-room, and garage, $3500; 700 37th, Sacramento; owner, Pearl S. Shader, 311 U, Sacramento.
DWELLING, 1-story 6-room, and garage, $4700; 2733 7th, Sacramento; owner, J. C. Carly Co., 823 J, Sacramento. Contractor, W. E. Truesdale.
DWELLING, 1-story 5-room and garage, $4500; 2681 7th Ave., Sacramento; owner, Carly Co.; contractor, W. E. Truesdale.
DWELLING, 1-story 5-room and garage, $4500; 2649 7th Ave., Sacramento; owner, Carly Co.; contractor, W. E. Truesdale.
DWELLING, one-story 5-room and garage, $2300; No. 2313 Cutter Way, Sacramento; owner, J. C. Carly Co. contractor, South Curtis Oaks Co., 1749 Stockton Blvd., Sacramento.
DWELLING, one-story 5-room and garage, $2800; No. 2665 7th Ave., Sacramento; owner, Carly Co.; contractor South Curtis Oaks Co.
DWELLING, one-story 5-room and garage, $3200; No. 2749 7th Ave., Sacramento; owner, Carly Co.; contractor, South Curtis Oaks Co.
PUBLIC garage, $7500; No. 1631 K St., Sacramento; owner, C. W. Hageman, 1515 M St., Sacramento; contractor, Thos. B. Hunt, 2926 S St., Sacramento.
DWELLING, one-story 4-room and garage, $2750; No. 740 7th Ave., Sacramento; owner, Willie Stanas, Natomas, contractor, P. R. Opdyke, 1609 7th Ave., Sacramento.
DWELLING, one-story 5-room and garage, $3400; No. 1220 W St., Sacramento; owner, E. S. Pratt, 1312 7th St., Sacramento; contractor, W. T. Martin, 3343 43rd St., Sacto.
PUBLIC garage, $20,000; No. 1118 I St., Sacramento; owner, C. O. and O. W. Huelsman, 1123 43rd St., Sacramento; contractor, Holden Constr. Co., 2608 R St., Sacramento.
FLATS (2), two-story 5-room each, $9000; No. 1415 O St., Sacramento; owner, G. W. Kopp, 1514 15th St.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

RESIDENCE, $5500; No. 1160 W-Walnut St., Stockton; owner, E. L. Filters
RESIDENCE, $5000; No. 1302 W-Magnolia St., Stockton; owner, W. Raymond, 1545 N-California St., Stockton.
RUG works, $7000; No. 1315 S-Center St., Stockton; owner, O. A. Christopherson, 309 S-San Joaquin St, Stockton.
RESIDENCE, $2750; No. 2275 S-California St., Stockton; owner, M. D. Drais, Bank of Italy Bldg., Stockton.
FIVE residences, $3100 each; No. 433, 427, 421, 415, 409 Hampton St, Stockton; owner, Salfield Bros.
RESIDENCE, $4350; No. 227 E-Sonoma St., Stockton; owner, Salfield Bros.
RESIDENCE, $2750; No. 2031 S-American St., Stockton; owner, M. J. Drais, 527 N-Harrison St. Stockton
RESIDENCE, $4000; No. 620 E-Charter St., Stockton; owner, F. M. Stowe.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Jan. 28, 1924—LOT 1 BLK 10, City Park Terrace, Stockton. Mathilda Erickson to C F Anderson..Jan. 8, '24
Feb. 1, 1924—LOTS 8, 10 AND 12 and W ½ Lot 16 Blk 49, W of Center St. Stockton. First Church of Christ Scientist by Mrs. Anna A Felty, Secy) to whom it may concern....
.....Jan. 28, 1924
Feb. 4, 1924—PTN LOT 12 Sbdvn 7 of Stockton Acres, Stockton. Thaddeus E Williamson to whom it may concern.....Feb. 4, 1924
Feb 4, 1924—LOT 11 BLK 3, Rosedale Sbdvn to City of Tracy. William F Van Sosten to P Peterson.Feb. 2, 1924

Feb. 5, 1924—LOT 11 AND E ½ LOT 9 Blk 153, E of Center St., Stockton Ysabel L Young to M A Orcutt.....
.....Feb. 1, 1924
Feb. 8, 1924—LOT 3 BLK 2, West Park, City of Tracy. Mrs. J E Tillotson to William Cohrs. Jan. 25, 1924

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Jan. 29, 1924—JEFFERY SHOPS, Sacramento. Western Pacific R R Co to whom it may concern. Jan. 23, 1924
Jan. 2., 1924—N 2 ACRE OF S 3 acre of Lot 11, Davis Homestead Tract, Sacramento J E Schubert to whom it may concern.....Jan. 20, 1924
Jan. 31, 1924—N ½ Lot 21 & 10.76 ac in Lot 22 Haggin Park, Sacramento. Sac. Lumber Co. vs Charles W. French & Sac. Sub Fruit Lands Co.
.....$1916.64
Feb. 4, 1924—SW ¼ OF SW ¼ OF Secy 26 5-6, contg. 2.91 acres, Sacramento. S P Middleton vs H D Hiles $237.87
Feb. 7, 1924—TCT 60x100 FT ON Waterfront S of T St., Sacramento. Pac. Gas & Elec. Co. to whom it may concern .....Jan. 30, 1924
Feb. 7, 1924—ON SACRAMENTO River, So. Pac. Co. to whom it may concern .....Jan. 11, 1924
Feb. 7, 1924—LOT 30 GERBER Court, Sacramento. Stacy E. Shelton to whom it may concern.....
.....Feb. 2, 1924
Jan. 5, 1924—ON LOT 1 K L 14 15 Sacramento. Richard L., Frank T. and Grover J. Oehsner to whom it may concern .....Feb. 5, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Jan. 30, 1924—PORT LOTS 3 & 4 S-T-7-8, Sacramento. Dean & Dean to Rt. Rev. Keane .....Jan. 21, 1924
Feb. 1, 1924—LOT 8, Casa Loma Terrace, Sacramento. C C Johnson & W H Mattox vs Guy and Amy (ux) Clark $12.50
Feb. 5, 1924—N 24 FT LOT 8 J K 10 11, Sacramento. Latourrette-Fical Co. vs I. F. Morris, Frank Farrell and Mrs. Farrell $123.70
Feb. 8, 1924—W ½ LOT 3. L. M. 17th and 18th Sts. Sacramento. Olaf Laursen vs E W Discher et ux....$78

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE and garage, $15,000; Lots 25 and 26 Blk 36, Vancouver Ave., Burlingame; owner, F. G. Cuthbertson, 870 North Point St., San Francisco; contractor, G. W Williams.
BUNGALOW, $4740; Lot E Blk 4, Acacia Drive, Burlingame; owner, Geo. Nichelson; contractor, W. C. Rench.
BUNGALOW and garage, $4000; Lot 6 Blk 10, San Mateo Drive, Burlingame; owner, F. M. Schkreckengost Burlingame.
BUNGALOW and garage, $5000; Lot 23 Blk 9, Lugna St., Burlingame; owner, L. Kays; contractor, A. Ewen, 22 Highland Ave., Burlingame
ALTERATIONS and additions, $1000; No. 1169 Bernal Ave., Burlingame; owner, Anna M Duperu, Premises.
BUNGALOW and garage, $5000; N Broadway 25 W Vancouver Ave., Burlingame; owner, Thos. Guesse, 1200 Vancouver Ave., Burlingame.
BUNGALOW and garage, $5000; Lot 22 Blk 42, Drake Ave., Burlingame; owner, D. E. Liese.
FAIR OAKS LANE, Atherton. All work for residence.
Owner—G. D. Gruenig and wife, 2952 25th St. San Francisco.
Architect—None.
Contractor — Arthur Dusenberry, 442 Burlingham Ave., Burlingame.
Filed Feb. 5, '24. Dated Feb. --, '24.
As work progresses.....
TOTAL COST, $16,000
Bond, limit, forfeit, plans and specifications, none.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Jan. 30, 1924—PTN LOT 2 BLK 6, Easton, Burlingame. J A Henderson to E S Sloan .....Jan. 29, 1923
Jan. 30, 1924—LOT TP5 BLK 34, Lyon & Hoag Sub, Burlingame. George D ——— to whom it may concern
.....Jan. 27, 1924
Feb. 1, 1924—LOTS L AND M BLK 2, Burlingame Terrace No. 1, Burlingame. D. Houle to whom it may concern.....Jan. 28, 1924
Feb. 1, 1924—LOT 35 BLK 4, Easton Burlingame. L G & Laura Holmes Melville to whom it may concern..
.....Jan. 31, 1924
Feb. 1, 1924—PTN LOTS K AND L Blk 1, Burlingame Terrace, Burlingame. D Houle to whom it may concern.....Jan. 28, 1924
Feb. 1, 1924—LOT 36 BLK 48, Easton No 4, Burlingame. Harry C Browne to who mit may concern...
.....Jan. 30, 1924
Feb. 1, 1924—LOT 8 BLK 4, Burlingame Grove, Burlingame. Wm Elder to whom it may concern...
.....Jan. 28, 1924
Feb 4, 1924—LOT 2 BLK 6, Resbdvn Blks 5, 6, etc., East San Mateo. George R Sahin to Henry Kinne....
.....Jan. 30, 1924
Feb. 4, 1924—LOT 6 BLK 8, Wisnom Sub WesternAddition to San Mateo. Mary A De Wells to Edward S Shaw.....Jan. 23, 1924
Feb. 4, 1924—LOT 6 BLK 8, Burlingame Park No. 2, Burlingame. K F Halzmuller to Thos N Gesso....
.....Jan. 25, 1924
Feb. 4, 1924—NO. 240 AND 243 SAN Mateo Park No. 3, San Mateo. Geo P and Mary H Paine to whom it may concern.....Jan. 31, 1924
Feb. 5, 1924—SW ¼ LOT 194, San Mateo Park, San Mateo. Frank H Doane and Oscar L Cavanaugh to Oscar L Cavanaugh....Jan. 24, 1924
Feb. 6, 1924—LOT 21 BLK 37, Baldwin & Howell Sub., Burlingame. Moally J Henry to whom it may concern.....Feb. 5, 1924
Feb. 7, 1924—LOT 12 PTN LOT 13 Blk 1, Glenwood Park, Burlingame. M M and Florence E Getz to Joseph Hill.....Feb. 6, 1924
Feb. 7, 1924—COLMA. S. P. R. R. Co to Raisch Imp Co.....Jan. 28, 1924

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
Jan. 30, 1924—LOT 41 BLK 27, Vista Grand No. 1, Daly City. Guy Wayne (as Wayne Millwork & Lumber Co to Harold E Steinhart and Lottie Soule $697.91
Feb. 8, 1924—LOT 1 BLK 18, Easton No. 4, Burlingame. San Mateo Feed & Fuel Co to Henry C Brown.....
Feb. 5, 1924—LOT 6 BLK 16, Town of Burlingame. Ingvard Sorensen to Anna M Hughes.....$283.59

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Feb. 6, 1924—PTN LOT 166, San Mateo Park No. 2. W B Linden and W C Hillen (as Peninsula Hardwood Floor Co) vs Gordan Hess et al $427.45
Feb. 6, 1924—PTN LOT 166, San Mateo Park, San Mateo. Mitchell Jackson & Co vs California Pacific Title Ins Co. et al.....$1307
Feb. 7, 1924—PTN BLK 4, Menlo Heights. Palo Alto Hardware Co vs Dina E Hogevall et al.....$47.95

CESSATION OF LABOR

SAN MATEO COUNTY

Feb. 6, 1924—PTN LOT 7, Drexler Tract, Menlo Park. Evaiso Dossolo to V E Hayward. Work ceased..
.....Oct. 30, 1923

BUILDING CONTRACTS

SANTA CLARA COUNTY.

COTTAGE, 4-room, $1975; Shortridge near 34th, San Jose; owner, H. P. Damon; architect, Jas. Perkins, 1652 E Sta. Clara, San Jose.
COTTAGE, 6-room, $6000; 15th near William, San Jose; owner, Alfred Jones.
COTTAGE, 5-room, $3500; Tenth St. near Empire St., San Jose; owner, A. York.
SMALL store and residence, $1200; Twenty-fourth near Santa Clara, San Jose; owner, Wm. F. Sawyer.
COTTAGE, four-room, $1900; San Fernando St. near Montgomery, San Jose; owner, Benj. Quimet.
APARTMENT house, two-story, $20,855 Vine near San Carlos St., San Jose, owner, L. and E. Corranine; architect, Chas. McKenzie, Bank of San Jose Bldg., San Jose; contractor, Jorgensen & Thomas, 650 Prevost St., San Jose.
ALTERATIONS, $1600; No. 78 Dueane St., San Jose; owner, G. C. Bastian, 1217 Vine St, San Jose.

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SAN FRANCISCO, CALIF., FEBRUARY 23, 1924

Published Every Saturday
Twenty-fourth Year No. 8

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Remixes Concrete

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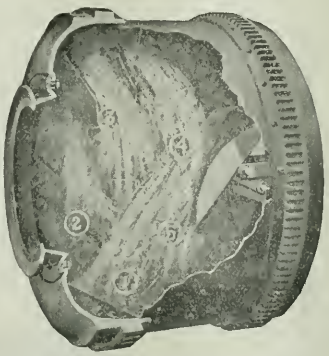

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday | SAN FRANCISCO, CALIF., FEBRUARY 23, 1924 | Twenty-fourth Year No. 8

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LUMBER ASSOCIATION INTERPRETS DAUGHTERY'S OPINION

Loopholes in Attorney General Daugherty's opinion holding that trade associations may not collect statistical information for their own use were pointed out to the commerce department by the National Lumber Manufacturers association. In a letter to Stephen B. Davis, of the department, Wilson Compton, secretary of the association, said that trade associations may lawfully collect from individual members statistical data necessary to the compilation of general information and that the latter may be lawfully published by them.

In effect the lumber manufacturers' interpretation of Mr. Daugherty's opinion is that associations may continue the compilation of data covering prices, stocks and shipments so long as they publish only general information derived from the data and do not distribute detailed information to their members.

Under the lumber organization's interpretation associations could continue the collection of this information for the use of the commerce department and it is believed that if enough trade associations follow the lead the department can continue the issuance of its reports of this nature. However, it is expected that court action will have to settle the question finally

STEEL EXPORTS IN 1923 GAINED 112,000 TONS

Iron and steel exports during 1923 resulted in an increase of more than 112,000 tons over the shipments to foreign markets during 1922, according to detailed trade figures made available by the Commerce Department.

Shipments of iron and steel products aggregated 2,008,921 tons, as against 151,980 tons in December, 1922, and 1,996,762 tons for 1922. Exports in November, 1923, amounted to 188,344 tons. Imports in December, 1923, amounted to 27,231 tons and for 1923 they aggregated 750,243 tons. Imports in December, 1922, totaled 96,395 tons and for 1922 they were 715,982 tons. Incoming shipments of iron and steel last November aggregated 26,365 tons.

Exports of iron and steel in November and December of last year showed substantial gains over those of previous month, owing chiefly to heavy purchases by Japan for work of reconstruction following the recent earthquake and fire. The greatest item of export last December consisted of black steel sheets, amounting to 36,642 tons, the most of which went to Japan. The same source was the principal consumer of other items which were shipped most heavily in December, including rails, 21,563 tons; tin plate, 17,609 tons; pipe, 15,047 tons, and wire nials, 6490 tons. Steel rail exports for the year 1923 totaled 267,409 tons, representing the heaviest outgoing shipment of any of the products in the iron and steel list, and a large portion of them went to Japan, although Latin-America was a good buyer of this product. Boiler tubes and pipes ranked second in importance in 1923, totaling 185,428 tons. Black steel sheets ranked third, exports of this item for the year being 139,105 tons.

While the imports of pig iron have declined sharply, they constituted the most important item in December, totaling 12,355 tons, and for 1923 they reached 367,820 tons, or more than half of all the imports of the year. Imports of scrap in December were 4500 tons and for 1923 they amounted to 162,026 tons.

S. F. PIER CONSTRUCTION IS AUTHORIZED

Construction of the largest pier on the San Francisco water front, to be 500 feet in length and 386 feet wide, has been authorized by the State Board of Harbor Commissioners.

The new pier, which is to be a part of the improvements authorized by the State Legislature in 1913, will be known as Pier No. 50 and will extend out from China Basin at the foot of Third street toward Mission Rock. Eventually, it will be extended all the way to Mission Rock. The estimated cost is placed at $2,000,000. Future extensions will cost another $2,000,000.

The commission has forwarded plans to State Treasurer Chas. G. Johnson with the request that formilities be rushed attending the sale of $2,000,000 in bonds to finance construction. Bids will not be asked for construction until the bond sale is approved, according to Frank G. White, chief engineer for the commission.

GAGE RECORDING IMPACT STRAINS IS PERFECTED

The recording of strains produced in bridges by trains or motor trucks passing over them has been made possible by a new electric telemeter of strain gage developed at the Bureau of Standards of the Department of Commerce. The gage has two points which are clamped to the part of the bridge truss on which the measurements are to be made, and two stacks of carbon discs. A change of load on the truss causes a change in the distance between these points, and this is arranged to cause a change in the pressure on the carbon stacks and a consequent change in their resistance. The electrical apparatus for measuring and recording these changes can be placed at any convenient point, being connected to the gage by three wires, and the apparatus can be made to record very rapid changes. The recording apparatus can be used with several gages at once, as many as twelve gages having been so used with a single recorder.

The problem of recording these instantaneous strains has never before been successfully solved, although their values were known to be high. A heavy motor truck running over a rough floor, or a locomotive going at high speed, may cause a strain on a bridge truss very much greater than would be caused by the same machine when not in motion. Similar problems occur in the case of aircraft, and the new strain gage can also be used to measure the trains produced in them while in flight. Sixty such gages were used in the tests of the Shenandoah, and the data secured by their aid is expected to prove of great value in the design of airships in the future. The gage has also proved of value in the laboratory testing of structural materials when a great many strain measurements have to be made.

This gage is described in Technologic Paper No. 247 of the Bureau of Standards, entitled "A New Electric Telemeter.' Copies can be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. The price is 5c cash.

SMALL HOUSE DESIGN AWARD

The design winning second prize in the California Common Brick Manufacturers' competition for a brick house to cost not more then $7500 is for a one-story dwelling. It was submitted by A. D. McSweeney of Los Angeles. This house is planned with a living room 14x24 ft. in the rear, overlooking a formal garden. A feature of the living room is a dining bay. There is a kitchen 11x11 ft. with a breakfast nook, and a screen porch. The bedrooms are in the front of the house, separated from the living quarters by a wall with an entry at the side of the house. One bedroom is 10x15 and the other 10x11 ft. The front windows in the bedrooms are recessed between closets. The bath room is conveniently located for access from both bedrooms and living quarters. The house has a floor area of 6984 sq. ft. estimated to cost $6.22 per ft. The cost of the house is placed at $6984 and of garage at $516.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Reports come from Vancouver that about 1,000 mill workers and loggers from the camps and sawmills in the Crows Nest Pass and Crambrook districts are on strike and the lumber industry in that section is seriously crippled. The demands of the workmen include the eight-hour day, a $4 a day minimum wage, release of class war prisoners; and that there shall be no tampering with the workers' mail. In many of the camps the walkout is complete and the mills are completely tied up, in spite of efforts to secure strikebreakers from the ranks of newly arrived British emigrants.

The Utah Construction Company has been awarded a contract by the Western Pacific R. R. to improve the roadbed between Wells and Winnemucca, Nevada, preparatory to carrying out double-track agreement with the Southern Pacific, expected to become effective about Aug. 1. Ties have been distributed along the line and rock will be furnished from the S. P. rock crushing plant at Palisade.

The San Joaquin River Water Storage District was formed at a recent election. The district comprises approximately 550,000 acres; 200,000 acres in Madera county, 210,000 acres in Merced county, 45,000 acres in Stanislaus county and the remainder in Fresno county. Bonds will be voted in the immediate future to finance works in the district.

An agreement to purchase for not more than $100,000 the site at San Fernando, Calif., embracing 628 acres, for a million dollar veteran's hospital, has been reached between the Department of Justice and Volney Craig, owner of the property, against whom condemnation proceeding were begun when he declined to sell at a figure he thought reasonable by the government.

A new building ordinance for the city of Fresno is desired by the Fresno Builders' Exchange, according to R. W. Chrouch, secretary-manager of the organization. The exchange contends that the present ordinance is "inadequate, unworkable and obsolete." The present law was drafted about ten years ago.

The 1925 meeting of the Pacific Coast Association of Building Owners and Managers will be held in Fresno, late in January or early in February. Office building owners in the Fresno district will organize to entertain the association.

Mojave River Irrigation District in San Bernardino county authorized by State Bonding Commission to sell $2,150,000 of a $5,000,000 bond issue to finance construction of a dam on west fork of Mojave river, nine miles east of Victorville.

State Bonding Commission has authorized the Merced Irrigation District to vote $3,250,000 in bonds to finance the completion of the upper works of the district.

The 1924 convention of the California State Building Trades' Council will be held in Sacramento, the week beginning March 17.

In comparison with the older, more populous states of the East and Middle West, the Pacific coast states reveals an activity in construction of which its citizens may well be proud. For new work Oregon leads the coast states with 978.5 miles, which, added to 8,050 miles previously surfaced, gave 9,028.5 in a total of 45,475 miles. California, with 75,889 miles of roads, improved and repaired 988.2 miles, giving 15,263.2 in all. Washington completed 810.6 miles of new work and had to her credit 12,061 miles; this makes a total of 12,871.6 miles surfaced of 45,816 within the state.

The State Railroad Commission has denied the petition of the Southern Pacific Company for a rehearing in the case of the Pacific Portland Cement Company vs. the Southern Pacific Company in which the commissioned ruled that the defendant carrier should pay to the complainant reparation against the charges collected for the transportation of crude lime rock moving from Flint to Tolenas during the Federal Guaranty Period, March 1 to August 31, 1920.

Bids will be opened by the State Highway Commission on March 3 to grade and surface the third unit of the Skyline Boulevard, 6.4 miles in length. The unit is that portion between the Half Moon Bay road and the Kings Mountain road. The work consists of surfacing with crushed rock or gravel. Standards of construction will be the same as other portions of the road already graded.

What is believed to be one of the richest mines of asbestos will be opened soon by the Idaho-Montana Asbestos Company near Yellowstone, Montana. All of the equipment has arrived and will be installed during the winter. Experts who have examined the mine say it is one of the most valuable asbestos propositions in the country. At the present time more than 50 per cent of asbestos comes from Canada.

Authorization has been given the City and County of San Francisco by the San Mateo County Supervisors to establish a tubercular sanitarium in the hills west of San Carlos. It is proposed to erect buildings with accommodations for approximately 250 children. The ultimate expenditure will be $500,000, according to Dr. W. C. Hassler, health officer for San Francisco.

On Jan. 25 out of 278 lumber mills in Oregon and Washington with a total daily capacity of 38,517,000 feet, 281 were running, cutting 74% of the total capacity (111 cargo mills included with capacity of 16,520,000 feet for eight hours); 103 were running and cutting 19,545,000 feet daily, 34 mills were running two shifts and 3 were running three shifts.

Wm. Kelly of Vulcan, Mich., engineer, banker and industrialist, has been elected president of the American Institute of Mining and Metallurgical Engineers. Chas. W. Merrill of San Francisco was chosen as a vice-president and director.

ALONG THE LINE

San Mateo county supervisors grant six months extension of time to Frank Eldridge Webb of New York City in which to start construction of bridge across San Francisco Bay between San Mateo and Hayward. Under the original franchise construction was to have started March 5, but due to failure to secure necessary financial backing construction was delayed. The project is estimated to cost, $7,500,000.

Sharp & Fellows Contracting Company of Los Angeles have the contract to double track the Santa Fe-Union Pacific joint line between Summit and Hicks in San Bernardino county, comprising approximately 44 miles of work involving 800,000 cubic yards of earth and heavy rock excavation. The estimated cost of the project is placed at $2,500,000.

Stanley P. Koch, graduate of the University of California and until recently a superintendent of construction on the Haviland Hall on the University campus, has been named city building inspector of Berkeley, succeeding Robert Greig, resigned. Koch was formerly connected with the office of W. H. Ratcliff Jr., Berkeley architect, in the capacity of draftsman.

B. H. Grove, for the past six years engineer for the Byron-Bethany Irrigation District in Contra Costa County, has resigned to accept a position with the engineering forces on the Thermalito dam project in Butte county. Roy Woolley will succeed Grove on the Byron-Bethany project.

G. W. Scott, formerly secretary to the Long Beach Board of Education, has been appointed to the newly created position of superintendent of building operations for the Board of Education. Scott will have entire charge of supervising all building construction and repairs for the Long Beach city schools.

Herbert Nunn, general manager of the Contractors' Association of Northern California with offices in San Francisco, and former Oregon State Highway Engineer, has been appointed city manager of Santa Barbara, Calif., at a salary of $7,500 a year.

C. J. Ryland, a member of the architectural firm of Swartz & Ryland of Fresno, is in Los Angeles studying the architectural features of school buildings recently erected in the southern section of the state.

W. E. Noffke, formerly of Ottawa, Canada, has opened an architectural office at 942 S Broadway, Los Angeles, and is in the market to receive catalogs and circulars relating to building trades.

Oscar T Barber, president of the Berkeley, Calif., City Planning Commission has resigned due to the pressure of private business. Beverly Hodghead, attorney, recently resigned from the body for the same reason.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

ELECTRICAL MEN LAUD NEWSPAPER ADVERTISING CAMPAIGN

The consensus of opinion of officials of various branches of the Santa Clara County electrical industry at their meeting in San Jose Feb was that newspaper advertising has been of inestimable value in educating the public to the importance of better electrical installations and better electrical service.

The meeting was held under the auspices of the Pacific States Electrical Company, the largest distributor of electrical merchandise on the Pacific coast, and the occasion for the meeting was the launching of their local "check" seal program for higher standards of contracting and retailing service to the public.

The "check" seal program, which has been in operation since 1921, has been carried forward largely through the medium of newspapers and officials of the company attribute a great deal of its success and force to co-operation of the newspapers and to their ability to reach the public at the right way.

Speakers at the meeting included Fred C. Todt, district manager of the San Francisco district; John D. Kurtz, manager of the San Jose division for the Pacific Gas & Electric Co.; C. W. Goodwin, assistant treasurer Pacific States Electrical Co. of San Francisco; E. W. Stone, sales manager radio department, Pacific States Electric Co. and Frank L. Baker, advertising manager, San Jose Mercury Herald.

J. M. Hayden, in charge of this district for the Pacific States Electric Co., presided.

VOLUNTEER TO REDUCE WAGES STIMULATE BUILDING

Voluntary reduction of wages in an effort to stimulate early resumption of building activity has been voted by carpenters and painters of the American Association of Craftsmen and Workmen of Great Falls, Mont. Officials reported that extended conferences with the local lumber companies, in which the craftsmen and workmen endeavored to secure a 10 per cent reduction in the price of building material and lumber, failed to bring about the reduction asked, and the carpenters and painters decided to voluntarily reduce their own wage scale.

LUMBERMEN HOLD FROLIC

Fifteen candidates were initiated into the Order of Hoo Hoo at Sacramento, February 16, in the quarters of the Sacramento Lumber Company.

The regular monthly meeting of the Sacramento Valley Lumber Luncheon Club was held immediately following the initiation. Members discussed advertising, trade ethics and questions pertaining to the lumber business. A. L. Porter, secretary-manager of the Western Retail Lumbermen's Association, with several other lumber merchants from Seattle and Spokane, on their way to Los Angeles to attend the yearly convention of the association, were guests at the luncheon.

Porter and L. H. Chapman, president of the Sacramento Valley Lumber Luncheon Club, were the principal speakers at the meeting.

A. G. C. SEEKS TO PROTECT PUBLIC FROM IRRESPONSIBLE CONTRACTOR

Action to put an end to gross losses being sustained by the public as a result of operations of irresponsible contractors in the construction industry was taken by The Associated General Contractors of America assembled in Chicago in convention. An attack was launched against existing bonding practices and which agents of bonding companies are alleged to influence promiscuously bonding, without regard for the experience, integrity and responsibility of the contractors whose operations they undertake to insure.

The companies are blamed for defaults and losses on hundreds of contracts per year which involve stupendous economic losses.

Specific remedies for this situation were studied by a specially appointed committee of the contractors' organization. The plan of the committee is to create conditions which will cause bonding companies to bar incompetent contractors from undertaking operations and thus remove this source of unnecessary waste in the industry and reduce the price paid by the public for construction.

Should such co-operative action fail to modify existing conditions, it is stated, a drive will undoubtedly be made for the reduction of bond premiums to reestablish competition in the contract surety field.

Success in these efforts are said to be adequate to cause agents of bonding houses to exercise greater care in writing bonds.

It was also announced that a conference will soon be held in which construction companies, engineers and representatives of bonding organizations will meet to discuss the entire situation.

The movement was inspired at a joint meeting in December between committees of the Associated General Contractors of America and the American Association of State Highway Officials. It also was discussed and endorsed at a meeting of the American Road Builders' Association in Chicago, where representatives of the bonding companies indicated their desire to participate in the proposed conference.

Deliberations at the committee hearing and before the contractors convention brought out strong evidence that vast economic wastes and demoralization of the construction industry are resulting from the lack of greater care in bonding.

Records introduced before the committee indicate an increase with twenty years of more than one thousand per cent in the rate on contract bonds. Students of the situation declare that this is certain proof of the increasing number of "bad risks" that are given bonds.

The personnel of the committee of the Associated General Contractors of America appointed to handle the subject is as follows: H. H. Wilson, Winston & Co., Harrisburg, Pa., Chairman; E. L. Cranford, F. L. Cranford Co., Brooklyn, N. Y., President, Associated General Contractors, 1924; A. J. McKenzie, M-Kenzie Constr. Co., San Antonio, Texas; G. B. Walbridge, Walbridge-Aldinger Co., Detroit, Mich.; E. G. Holladay, E. G. Holladay Co., Nashville, Tenn., and J. C. Edwards, William Simpson Constr. Co., Los Angeles, Calif.

In a progress report discussing the situation, the contractors' committee stated:

"It is believed a long-suffering industry and public will not forever accept a closed market which assures premiums commensurate with imprudent practice, but will eventually demand that corporate underwriters either conduct their business in accordance with a sound system or else allow the field of contract bonding to be covered by other methods which will allow free play of natural economic laws. It is opportune to say that many architects, engineers and contractors have frequently expressed their 'unfeigned admiration' at the manner in which surety companies are reported to have been able to influence legislation in many states in the direction of specifying a surety company bond to the exclusion of all other methods of suretyship."

A. W. NORRIS, SACRAMENTO BUILDER, A SUICIDE

A. W. Norris, Sacramento contractor and former president of the Builders Exchange of that city, committed suicide February 8th. Mr. Norris was reported to be driving his automobile at a high rate of speed in one of the city's main thoroughfares when he fired a shot from a 38-caliber automatic pistol into his mouth. Death was instantaneous. Mr. Norris was a member of the Native Sons of the Golden West and the Ben Ali Temple of the Mystic Shrine. A widow and three sons, Wilbur, 19, Milan, 16 and Walter, 13 years, survive.

CALIFORNIA MILLMEN TO MEET IN SANTA BARBARA

Santa Barbara has been selected for the May meeting of the Millwork Institute of California which recently closed a two-day session at Fresno. The session was devoted to a discussion of technical problem of the Planing mill business.

Officers of the institute are: President, H. W. Gaetjen, San Francisco; first vice president, E. R. Maule, Los Angeles; second vice president, A. W. Bernhauer, Fresno; treasurer, E. A. Nicholson, Los Angeles; secretary, H. T. Didesch, San Francisco.

IRRIGATION PETITION REJECTED

An unfavorable report has been submitted by State Engineer W. F. McClure to the Lassen County Board of Supervisors on the proposed Big Valley Irrigation District, comprising 41,620 acres in Lassen county. The state engineer gives as his reason for rejecting the petition—The climatic conditions, lack of transportation facilities, conditions of the soil and ownership of the property. Approximately 12,000 acres of the proposed area, the engineer reports, contains soils fertile enough to produce fair returns upon the climatic conditions; approximately 15,000 acres is less productive and a considerable area, about 2,000 acres, is impregnated with alkali, of slight value for any purpose.

California's Water Code Held To Be Complete By Water Chief

By H. A. Kluegel, Chief of State Division of Water Rights

The writer desires to correct an erroneous impression relative to the water laws of California that may have been created by the articles by J. C. Kennedy, entitled "Engineer Says Reservoirs, Irrigation Will Increase Summer Flow of River," published in the issue of The Bee under date of January 5th. Reference is made to that portion of the article which is to the effect that the California code of water laws is grossly defective and incomplete and does not provide for anything more than jurisdiction over applications to initiate rights by appropriation. Such is not the fact.

The following discussion of California's water code, according to its main subdivisions, is submitted for the information of the public.

Control of Appropriations

The water commission act of California, which was approved by a vote of The People at the general election in 1924 and became effective December 19th of that year, provides the legal machinery for supervision by the state over the acquisition of water rights by appropriation. The act provides that, subsequent to the day it became effective, rights by appropriation can only be acquired by application to the state water commission (now the division of water rights).

The application must clearly and completely define the intention of the applicant with respect to appropriation and use, and must be accompanied by a map or maps showing the proposed project. After the application has been completed in all details it is advertised and protests invited. After the period for filing protests and replies thereto has expired, all data on the subject is analyzed, and, if necessary, a field investigation is made by one of the division's engineers.

Act Amended in 1923

According to an amendment to the act passed at the 1923 session of the legislature, hearings must be held on all protested applications before action is taken on them. If no pretests are filed against an application, or if, after thorough investigation, it appears to the division that there is unappropriated water in the stream, a permit is issued to the applicant setting forth the conditions under which he may construct the project and utilize the water. The date prior to which construction work must be completed and the date prior to which the water must be completely applied to beneficial use are specified in the permit, and as soon as possible after these dates an inspection is made by a representative of the division.

If the project has been constructed and the water applied to beneficial use in accordance with the terms of the permit, a license is issued to the permittee covering the amount of water specified in the permit or such a portion of that amount as has been applied to beneficial use. If a permitee fails to comply with the terms of the permit, the division has authority, after a hearing in the matter, to revoke the permit. Also, if a license fails or ceases to put the water to beneficial use, in accordance with the terms of the license, the division has authority to revoke the license. Thus the control of the division of water rights over new appropriations does not cease with approval or rejection of the application, but extends as long as a permit or license on the project remains in effect.

Adjudicating Rights

While it is true that the water commission act in its original form was defective, in that it did not provide a definite procedure for the adjudication of water rights which were vested at the time of its enactment, this defect was eliminated at the 1917 session of the legislature, when the act was amended so as to provide for such a procedure.

In its present form the act provides a complete procedure for the determination by the division of water rights of all water rights by appropriation upon any stream, stream system, lake or other body of water, such determination to be confirmed or modified by court decree. Also, in case a unit is brought in the superior court involving the determination of water rights, the case may, in the discretion of the court, be transferred to the division of water rights for investigation, as referee. By the latter procedure riparian rights, as well as rights by appropriation may be determined.

Proceedings on Rights

Proceedings for the determination of all water rights by appropriation have been conducted either by the division of water rights or by its predecessor, the state water commission, upon five stream systems in the state. On one of these systems, that of the West Fork of Carson River, in Alpine County, the proceedings were completed by a decree of the superior court entered November 29, 1921, confirming the findings of the state water commission. This decree establishes thirty-nine water rights, covering 63.16 cubic feet per second direct division and 9,637 acre-feet per annum storage, all for use for agricultural purposes on about 5,000 acres of land.

At the present time, adjudication proceedings are pending on the Stanislaus River, involving water rights on about 150,000 acres of irrigated land, on Oak Creek in Inyo County, involving water rights on about 1,700 acres of irrigated land; on Shasta River in Siskiyou County, involving water rights on about 42,000 acres of irrigated land, and on Whitewater River in Riverside County, involving water rights on about 18,000 acres of irrigated land.

Acts as Referee

Suits involving the determination of water rights on eight streams have been referred either to the division of water rights or to its predecessor, the state water commission, for investigation as referee. In three of these cases, involving water rights on Willow Creek in Lassen County, on San Pedro Creek in San Mateo County, and on the North Fork of Cottonwood Creek in Shasta County, court decrees have been entered in accordance with the recommendations of the referee. Water rights on a total of about 2,500 acres of irrigated land were determined in these three cases.

One case, involving water rights on Red Rock Creek in Lassen County, failed of completion because of involved ownership of land and other pending litigation at the present time the division o water rights is acting as referee on cases involving the water rights on about 2,500 acres of irrigated land on Hat Creek, on about 2500 acres of irrigated land on North Cow Creek, and about 500 acres of irrigated land on Oak Run Creek, all of which streams are in Shasta County.

Supervision of Distribution

In its original form, the water commission act established the principle of state supervision over the distribution of water, but the necessary machinery for handling this work was not enacted until 1921, when the water master bill was passed by the legislature as an amendment to the act. This bill provides for the creation of "water districts," by the division of water rights, to include stream systems upon which all water rights have been adjudicated. Upon written request of the owners of at least 15 per cent of the diversion systems entitled to water in any water district, the division may appoint one or more water masters to supervise the distribution of water within the district. These water masters are authorized to regulate headgates and other diversion works, and to arrest anyone tampering with them after they have been so regulated.

One District Created

To date only one water district has been created by the division of water rights; the West Carson Water District in Alpine County. Upon receipt of a petition signed by the owners of 27 per cent of the ditches in this district, a water master was appointed in August, 1922, who served during the remainder of the irrigation season. A water master was again appointed for the 1923 irrigation season, and no serious difficulties have been encountered in operation under the law.

While the above instance is the only one of state supervision over the jurisdiction of water in California under the provisions of the water commission act, attention is called to the fact that the waters of Kings River, the most important irrigation stream in the State, have been successfully distributed for the past two years under the supervision of a water master appointed by the division of water rights under an agreement entered into by all water users on the stream.

Code One of The Best

While it is true that California was one of the last of the irrigation states to adopt a complete code of water laws, for that very reason the authors of the water commission act had the benefit of the experience which had been gained in the other states and were able to select provisions from the other codes which had worked out successfully and the constitutionality of which had been upheld by court decisions. It is therefore reasonable to assume that the California code of water laws is among the best.

CERTIFICATE GRANTED

Alexander Law has been granted a certificate to practice architecture in California by the state board of architecture. Mr. Law is a member of the firm of Wynkoop & Law, 1011 Farmers and Merchants Bldg., Long Beach.

CALIFORNIA AUTOS

California within five years will have more motor vehicles registered than the state of New York.

Up to December 31, the first eleven months of the registration year, 1,093,660 motor vehicles had been registered. This does not include 14,654 motorcycles and 5871 trailers.

California will rank second to New York for the 1923 registration year, which ends January 31, 1924, and with increasing population and individual means, motor cars are increasing in number at an astonishing rate.

Right now the state has more automobiles per thousand of population than any state in the Union. Every person in California could be moved from the state by automobile in twenty-four hours, with no car making more than one trip.

1923 SLATE PRODUCTION SHOWS HEALTHY INCREASE

The sales of roofing slate, mill stock slate, and slate granules by producers in the United States in 1923 amounted to 673,500 short tons, valued at $12,085,000, according to reports received by the Department of the Interior through the Geological Survey. These amounts represent an increase of nearly 11 per cent in quantity and 32 per cent in value, as compared with the sales in 1922. The sales of roofing slate were estimated at 498,500 squares, valued at $4,544,000, an increase of 4 per cent in quantity and 12 per cent in value. The average price was $9.14 a square. The mill stock sold was estimated at 12,089,700 square feet, valued at $4,460,000, an increase of more than 30 per cent in quantity and 54 per cent in value. The sales of all milled slate products, except slate for billiard table tops and for school slates, increased during 1923. Most of the school slates manufactured are shipped to foreign countries, and the unsettled social and political conditions aboard have evidently reducede the demand for this product. The demand for constructional slate was very good during the first half of 1923, but the curtailment of building greatly lessened the demand for this class of material toward the end of the year. The demand was good throughout the year for electrical slate and slate for blackboards and bulletin boards. Ground slate sold as flour and as granules, principally for surfacing manufactured roofing, amounted to 413,500 short tons, valued at $3,026,000. This represents an increase of more than 8 per cent in quantity and 39 per cent in value over the corresponding amount for 1922. The quantity of slate sold for flagstones is increasing, and a little is sold for tombstones.

STATE EXAMINATIONS

The California Civil Service Commission, Forum Bldg., Sacramento, and State Bldg., San Francisco, announces examinations will be held in the immediate future for positions in the general metals, mechanical and automotive trades under following segregations:

Unskilled or semi-skilled, Grade 1. Machinist helper, (all classes); mechanic helper, (all classes).

Skilled or Journeyman, Grade 2, bridge-tender, general machinist, automobile mechanic, general mechanic and heavy truck-driver .

Foreman, Grade 3, head bridge-tender, truckmaster, foreman machinist, foreman automobile mechanic.

Municipality Water Filings Forecast Many Public Projects

With the awakening of California municipalities to the possibilities of owning and developing their own water and power projects, the state division of water rights in a report just issued dealing with the activities of the department during 1923, predicts that great strides will be made during the next decade in public development and public ownership of the natural water resources of the state.

During the year just closed, the report states, great activity has been shown by municipalities in applying for water both for domestic and for power use, which presages important development work through public enterprises in the years to come.

Figures From Report

For the domestic use of municipalities water to the extent of nearly 3,000,000 acre feet per year was applied for during the year.

Applications of all kinds received by the department totaled 467, or the largest number of filings in the history of the division covering a period of ten years. These filings ask for water to irrigate 1,500,000 acres of land and to generate over 2,000,000 horsepower, as compared to the present development in California of about 6,000,000 acres under ditch and 1,250,000 constructed horsepower.

Increase Ahead

Concerning the prospects of future development as a result of these filings the report says in part:

"The applications received indicate that the water development which has started since the end of the war will increase during the next few years, as it is usually several years after the applications are filed that actual construction starts on the major projects.

"The present activity is the result of filings made mainly in 1919 and 1920, examples of this being the gigantic hydro-electric projects of the Pacific Gas & Electric Company and the Southern California Edison Company, and along irrigation lines of the construction of Don Pedro reservoir by the Turlock and Modesto Irrigation districts and the developments of the Oroville-Wyandotte Irrigation District in Butte County. The fact that applications continue to increase in numbers indicates an increased rate of construction on water projects for many years."

Adjudication

The report has the following to say with regard to the work of adjudication:

"In 1923 the field work has been completed on two major stream system adjudications—on the Shasta River in Siskiyou County, involving water rights on about 42,000 acres of irrigated land, and on the Whitewater River in Riverside County, involving water rights on approximately 18,000 irrigated acres.

"Adjudications on five secondary streams have also been carried on the past year. These are Oak Creek in Inyo County and North Cow Creek, Oak Run Creek, Burney Creek and Hat Creek in Shasta County. Water rights on about 9,000 acres are involved in these five proceedings."

To Water Right Owners

Distribution of water to water right owners was carried on by the division during the year on the Kings River, which the report describes as the most important irrigating stream in the state or in the United States. The West Carson River in Alpine County was also regulated by a water master in 1923, such service being carried on entirely at the expense of those receiving water.

At present extensive hydrographic investigations are being carried on by the department in order to secure the necessary information relative to a number of important applications. Funds for this work have been advanced in a number of cases by parties interested.

Record in All Lines

A summary compiled by the engineers of the division shows that 1923 was the maximum in each line of activity more applications having been filed, more acted upon, both by granting permit or by rejection, and more licenses issued than in any other year. The report also states that the number of cases awaiting action was reduced more than ever before, despite the increased rate of receipt of filings.

The summary is as follows: Applications received, 567; applications acted on, 622; permits granted, 324; applications rejected, 235; applications awaiting action, 893; licenses issued, 169.

Ten-Year Table

The increase in the activities of the department and the rising of interest, both private and public, in the water resources of the state since the division began to function is shown by the following table covering the application received and permits granted in ten years:

Year.	Applications Received.	Permits Granted.
1914	5	0
1915	221	51
1916	331	167
1917	342	156
1918	277	145
1919	452	136
1920	556	121
1921	551	162
1922	501	295
1923	567	324
Totals	3785	1557

LABORATORIES ESTABLISHED FOR PAINT RESEARCH WORK

A dozen laboratories for research work are maintained by as many paint manufacturing companies, according to P. R. Croll, Milwaukee engineer, who tells of a room fitted up in the laboratory of the Pittsburgh Plate Glass Company for the study of paints under varying conditions of temperature and humidity. The room can be maintained at a temperature of 20 degrees below zero, or at any desired point above that within the range of recorded weather conditions, and humidity is made to vary at will from 10 per cent moisture to the saturation point. The effect of sun rays are also produced by certain types of electric lamps.

Paint is applied to panels and dried under varying conditions of temperature, humidity and sunlight, and after being subjected during the drying process to artificial weather is exposed out of doors and a careful record afterward maintained to determine the effect upon the life of the paints produced by different weather conditions. Through the knowledge thus gained it is believed that paints may be made that are especially adapted to various climates.

TRADE NOTES

The Kalman Steel Co. of St. Paul, has purchased the Corrugated Bar Co., of Buffalo, N. Y., with its five large plants. This transaction will make the St. Paul firm the largest distributer of reinforcing steel bars in the United States. The company was organized in 1901. The Corrugated Bar Co. was organized in 1892. Under the name of the Kalman Steel Co. the new combination will be operated with a capital of $2,000,000. The Corrugated Bar Co.'s plants are located at Hammond, Ind., Buffalo, Boston, Philadelphia and Atlanta.

The Steelform Contracting Company, patentees and owners of removable steelforms, announces the discontinuance of their Southern California agency formerly held by Badt-Falk Co. The company is now handling these steelforms through their own office, 928 L. A. Stock Exchange Bldg., Los Angeles. S. W. Greer is manager.

J. Daniels and A. Pera, operating under the name of the Daniels & Pera Decorating Company has entered the San Francisco field and will engage in the business of painting, paper hanging, calcimining and decorating. Quarters are maintained at 4483 Mission street, San Francisco.

Sid Cavill, former swimming instructor of the Olympic Club, is the latest addition to the sales department of the Sudden & Heitman Lumber Company. Sid has a host of friends in this section and should prove a business getter for the Sudden-Heitman interests.

The Oakland Machinery Co. of Oakland, specializing in sheet metal work, has been reorganized and has purchased the interests of W. C. Buhles, its former president. New officers are: W. E. Bunger, President; E. A. Specht, Vice-president, and E. W. Anderson, Secretary-Treasurer.

Big Four Truck Company, capitalized at $2,000,000, with the principal place of business as San Francisco, has been incorporated. Directors are: S. A. Byrne, F. A. Cascioni, Twain Michelsen, E. W. Edmondson and Joseph Violini.

J. Jensen of Stockton is arranging to construct a mixed mortar plant on the Commodore Levee, bordering on McLeod's Lake, at Stockton. The plant, it is said, will be the only one of its kind in the Stockton territory.

The W. F. Haley Company, now located in Portland Ore., manufacturing blackboards, will move their plant to Oakland in the immediate future. The company has a large foreign trade.

Amazon Hardwood Co., capitalized at $100,000, has been incorporated in San Francisco. Directors are: T. J. Turner, Emilio Luzzi, F. C. Van Nader, E. C. Grove and Chas. Klambt.

The Rees-Boorman Manufacturing Company, in the sash and cabinet business, will establish a plant in Oakland opposite the Star Motor Company's plant, in One Hundred and Fifth Ave.

Richmond Construction Co., capitalized at $10,000, has been incorporated in San Francisco. Directors are: R. J. Williams, Trevor Jones, Hannah J. Williams and Alban Jones.

Simplification of Hot Water Storage Tanks Is Proposed

At a recent meeting at the Department of Commerce in Washington, manufacturers of hot water storage tanks submitted to the department's division of simplified practice tentative recommendations covering sizes and dimensions of these commodities. These recommendations, if generally adopted by manufacturers, distributors and users of these tanks, will represent a reduction from over 250 varieties as now made to 5 standard sizes and 2 working pressures. The tentative recommendations are as follows:

1. Dimensions: Five ft. by 30 ins, 180 gals; 6 ft by 36 ins, 315 gals; 7 ft. by 42 ins, 500 gals; 10 ft by 42 ins, 720 gals; 14 ft. by 42 ins, 1000 gals.

These sizes are to be made in two working pressures, viz., 65 lbs per square inch and 100 lbs per square inch

2. These tanks are to be made interchangeable for either horizontal or vertical installation.

3. Tappings.—There are to be five tappings in each tank—one in the center of each head, two in the shell, each to be centered 8 inches from the edge of the sheet, and one in the shell centered 30 inches from the edge of the sheet measured from the concaved end. All tappings in all sizes of tanks are to be 2 inches. All threads are to be standard pipe thread.

4. Manholes are to be standard size, 11 by 15 inches, of pressed steel, with cover of the "crab" type held in place with the conventional "crow foot." In tanks 30 inches in diameter the manhole must be put in the head. In tanks 36 inches or larger in diameter the manhole may be either in the shell or the head.

5. Hand hole is to be 4 by 6 inches, with cast iron cover. The hand hole may be located as desired.

6. Coils for either horizontal or vertical installations of these tanks are noted.

7. In certain installations where greater capacity is desired, it is recommended that two or more tanks of appropriate size be used, thus affording one for reserve in event of failure of the other and making for easier installation or replacement in cases where use of one extremely large or special tank would be very difficult. It is believed that the reduction in stocks of large size sheets and plates, together with other economies resulting from manufacturing these simplified sizes in large quantities, will more than offset the cost of the additional piping when two or more of these tanks are used.

These tentative recommendations are to be put before all interested groups for consideration with a view to securing their adoption at a general conference to be held at the Department of Commerce at some future date. The possible simplification of cold water storage tanks was also discussed, and Mr. Ernst W. Farley, Richmond Engineering Co., Richmond, Va., was appointed chairman of the cold water storage tank section of the central committee on simplification of tank sizes. He is to gather data on current variety in sizes and dimensions of these tanks and report at a future meeting of the committee. Manufacturers of these tanks will be invited to that meeting.

Dates of the meetings referred to are to be announced later by the division of simplified practice.

HIGHER GAS TAX LOOMS

A plan to increase the state tax on gasoline from 2 to 3 cents a gallon and to raise the automobile license fee to $10 or more, is being considered by the state administration as a means of raising funds necessary for highway construction and maintenance, according to Harvey M. Toy, chairman of the California State Highway Commission. The problem is now being worked out by a committee of nine appointed by the governor, Toy announces.

A bond issue would mean two years delay, while all available funds for new construction will be exhausted by July 1, 1924, Toy says. It will require $200,000,000 to complete the highway program and the commission should have $20,000,000 yearly for ten years to finish the job, according to Toy.

ELECTRIFICATION OF SOUTH CHINA IS PROPOSED

A scheme to electrify the whole of south Manchuria is under contemplation by the South Manchurian Railway company, which administers a great stretch of very rich territory in what is known as the railway zone. Engineers investigating the source of the Yalu river have discovered one hundred miles north of Antung a drop in the river from which, it is estimated, one hundred thousand kilowatts of electricity can be generated. The intention is not only to supply light, heat and power, including that to electrify the railway itself, but to use the power in the development of agriculture.

OFFICE BUILDING SURVEY

The average office building in the United States has a population of 1054 and is a little more than 11 stories high, according to a survey made by the accounting and exchange committee of the National Association of Building Owners and Managers.

Office buildings in themselves were shown to be little cities with fire departments, police forces, transportation systems, cleaning departments, lighting systems, sewers, water departments and other facilities similar to those of modern cities.

The average taxable valuation is $9.94 a square foot of floor space, which means a valuation on the building averaging more than $1,000,000. The average net return to the owner is a little under $85,000 a year.

BUILDING OWNERS SEEK LOWER CONSTRUCTION COSTS

Co-operation with government officials to secure a uniform contract law by which it is estimated government building costs will be reduced 20 per cent, and promotion of a tax participating clause in leases, which will give tenants benefit of tax reductions, were two of the most important activities of the recent conference of directors of the National Association of Building Owners and Managers, held in Chicago January 28 to 30.

Extension of building planning service, by which expert advice is given owners and architects of new buildings, was also approved by the conference

The annual convention of the National Association will be held in Colorado Springs during the first week in June.

PUBLICATIONS

The Asphalt Association, 25 W Forty hird Street, New York City, is distributing circular number twenty-six ontaining valuable data on recent aving policy and practice. The information was compiled from replies received to a questionnaire on paving olicy and practice sent out by the Paving Commission of Baltimore. Some of the inquiries covered by the uestionnaire were: customary requirements regarding thickness of wearing course and type and thickness of foundations for the principal classes of modern pavements; conclusions as to life of each type of pavement and foundation; and approximate average cost per square yard of maintaining each type throughout its ordinary life. Two hundred and eighty-eight cities and twenty-five State Highway Departments filled out the questionnaire in such form as to permit of compilation and inclusion in this summary.

Patents, Trade-Marks, Labels, and Copyrights are fully discussed and pointers on the law of patents, trademarks and unfair trade competition given in a 78-page booklet published by Joshua R. H. Potts, attorney and counsellor at law with Chicago offices at 8 S Dearborn street. The booklet contains valuable information on what may be patented; time necessary to procure a patent, how to proceed with examination of title; fees, etc.; infringement; and interferences. The same information is given regarding trade-marks and copyrights, and the cost of recording them is also itemized. Copies of the booklet may be secured from the Chcago office or from the branch offices at 929 Chestnut street, Philadelphia.

The Community Arts Association, 936 Santa Barbara street, Santa Barbara, California, has published "Small House Designs," a 133-page book containing sixty designs of houses costing $5,000. The designs were collected from those submitted in the national competition conducted by the association. All the designs illustrated are, in accordance with the requirements of the competition, suitable for California. Each design is 10½ by 14 inches and is accompanied by architectural comments. The book is priced at $5 and can be secured from the office of the association.

L. J. Wing Manufacturing Company has prepared a twenty-four page booklet which will be of interest to all who have use for forced draft equipment. It contains a reasonable amount of engineering data on the application of hand and stoker-fired turbine blowers illustrating how the blowers simplify stoker installation. Copies of the booklet may be had by addressing the company, L. J. Wing Manufacturing Company, 358 W Thirteenth Street, New York City, N. Y.

E. C. Atkins and Company, Indianapolis, Indiana, manufacturers of steel saws, have issued new general catalog number nineteen describing their steel saws, saw tools and metal cutting machinery.

The Osgood Company, Marion, Ohio, is distributing Circular No. 237 describing and illustrating Osgood material handling equipment used in excavating, grading, and unloading.

Incello Company, Outgrowth Of U. S. Refractories, Is Organized

Organization of the Incello company, an outgrowth of the United States Refractories company, with a capitalization of $1,000,000 was completed at a recent meeting in San Luis Obispo

The board of directors of the new organization follows: C. H. Kamm, president; W. H. Emory, vice-president; Dr. N. J. Shields, secretary; Lafe Todd, treasurer; W. T. Reid, J. H. Hollister, R. R. Leslie, Robert Hull, Jr., and R. F. Richardson

The Incello company, under the terms of the organization, takes over the complete control of the former United States Refractories company, and the stockholders of the Refractories company are fully and completely protected in the new company and their interests fully recognized.

The company will proceed at once to start business on a production basis, with W. H. Emory in charge of the general management and sales. Emory comes to the company after twenty-five years' experience in the management and sales department of large brick concerns in Omaha, Neb., and other points in the middle west, and for the last ten years has been in the brick business in Los Angeles, going to San Luis Obispo from the Pacific Clay Products Company.

R. R. Leslie is well known in the southern section, where he has resided for many years, and is known throughout the west as an engineer of wide experience in both the United States and Mexico. He will be in charge of the mining, transportation and production of the new concern. For the past two and a half years Leslie has been acting in the capacity of consulting mining engineer.

The new concern is capitalized at $1,000,000, whereas the United States Refractories company was capitalized at $200,000. The new organization promises to be not only the biggest industry in San Luis Obispo, but one of the most important industries of the Pacific Coast, as the product, besides use as refractory brick, is used in forty or fifty other ways. A particular advantage of the company is in the peculiar content of its deposit of incello material, which is different from any other similar known deposit. This makes it possible for the company to make a superior article which has no competition in its market, which comprises the United States and Canada.

Outside interests were represented at the meeting by William Groundwater, formerly of San Luis Obispo, who is now manager of transportation of the Union Oil Company with offices at Los Angeles.

The Carney Company, Mankato, Minnesota, has published a new and attractive circular illustrating and describing late improvements in manufacturing Carney cost comparisons, physical tests, specifications and testimonials. The folder contains a four page list of Carney-built buildings in all parts of the United States with architects' and contractors' names.

The Martin Iron Works valve and gate catalog No. 24 is off the press. It contains complete description, illustrations, and prices of modern irrigation appliances. The Martin Iron Works manufactures concrete mixers, plaster mixers, concrete pipe machines, and cement tools and machinery. Main offices of the firm are 1216-36 E. Twenty-eighth street, Los Angeles, California.

GROUP LIFE INSURANCE GROWTH TOLD IN PAMPHLET

The remarkable growth of group life insurance, which at the end of 1922 amounted to $1,800,000,000 and covered approximately 2,000,000 employees, is made the subject of a bulletin which has just been issued by the Insurance Department of the Chamber of Commerce of the United States. The first group life contract, the bulletin points out, was issued as recently as 1910 "in an effort to bring employees and employer closer together in a human relationship way." Since then it has been extended to 2,000,000 employees from all types of commercial and industrial enterprises.

Group life insurance is defined in the bulletin as "insurance covering all or certain classes of the employees of an industry and provides in case of death or total disability while in the employ of a company that a specified indemnity shall be paid the beneficiary."

Plans for a ten-story building for the Street Cleaning Department of New York City have been approved. The structure will cost $3,500,000.

NAPANEE DUTCH KITCHENET IS FEATURED

Architects, contractors and home builders will be interested in knowing that Coppes Bros. & Zook Co., of Nappanee, Indiana, manufacturers of the World's Famous Napanee Dutch Kitchenette, have recently opened a display of their product in the Building Material Exhibit, 77 O'Farrell St., San Francisco.

The company is introducing something new in the way of kitchen equipment with two new patterns designed by a number of local architects after an extensive study of the field in question.

With this addition to the company's regular line of merchandise it is possible for them to furnish a product that will meet every demand. The various sizes ranging from 24 inches in width up to and including 6 ft.

In addition to a factory sales force operating throughout the state calling directly upon architects, contractors and builders the distribution of this entire line of the World's Famous Kitchen Cabinets has been taken over by The Contract and Hotel Equipment Departments of the Nathan-Dohrmann Co. and the Parmelee-Dohrmann Co., throughout the Pacific Coast territory. A complete merchandising and delivery service has been arranged with convenient warehouses and sales offices throughout the territory.

Mr. F. S. Fenton Jr., general sales manager of the company and Mr. M. P. Howes, Western Divisional sales manager, have been in San Francisco during the past week arranging a very extensive advertising campaign covering the situation. Continual publicity will be inaugurated at once to not only architects, contractors and home builders, but to the ultimate consumer, through architectural publications, various trade mediums and through the local newspapers.

CALIFORNIA AUTO ACCIDENTS IN 1923

With a record of 1,320 people killed in automobile accidents in California in 1923, the number of deaths attributed to the motor vehicle in this state during the last fourteen years, 1910 to 1923, inclusive, has reached the startling total of 10,650. Last year the death list for motoring accidents was the greatest in the history of California, showing an increase of 21.6 per cent over 1922, when 1,085 met death at the hands of this product of modern civilization.

These and other figures compiled by the public safety department of the California State Automobile Association are furnishing the incentive for a statewide campaign of education in the correction of traffic conditions now being conducted by the organized motorists of Northern and Central California.

NEW METHOD SAVES BILLIONS OF FEET OF LUMBER

The discovery of a method for saving billions of feet of lumber has been announced by Professor William Taylor of Toronto University. The plan eliminates the losses of timber caused by sinking and rotting, while the saw logs are being floated in water to the mills.

The logs are cut as early as possible, in August, or even July, and up to the middle of September, and a narrow strip of barn is removed. In the winter they are hauled and put on skids at the banks for further drying. They are then treated and put into the spring drive.

Second, where the logs are cut in winter they are placed on skids in rows, so as to admit of peeling. At the peeling season a strip of the bark only is removed and the logs left to dry. In June they may be treated and put into the drive.

Tests should be made, however, to see when they have sufficient buoyancey before they are treated. The larger butt logs take somewhat longer to acquire sufficient buoyancy and should have more of the bark removed than the smaller logs. The greater the buoyancy before treatment the longer the logs will float. By this method there will be no dozing and very little checking.

MUNY WATER SYSTEM PAYS

Yuba City's municipally owned water works plant continues to be one of the best investments in the history of Sutter County.

Besides paying interest at the rate of 6 per cent upon the investment to date, amounting to $3812, paying interest on outstanding bonds in the sum of $1800, redeeming $1457 worth of bonds and crediting the city with $512 taxes at 60 per cent of valuation, the plant during 1923 showed a net gain of $673.18.

During the year there was collected $1464 as interest at the rate of 6 per cent on moneys loaned to the funds of the city prior to January 1, 1923. This loan now amounts to $24,397. The figures are from the annual report of City Clerk C. C. Kline.

To January 1, 1923, the number of services was 604. On January 1, 1924, the number of services has increased to 768, due to the rapid growth of the city.

Apprenticeship Education Progress Told

An encyclopedia of information on the subject of apprenticeship in the United States is now available in the "Bulletin on Apprentice Education" which has just been issued by the Federal board for vocational education.

New methods of apprentice training have been made necessary by the introduction of large scale production in industry, the bulletin shows. During the last 15 years we have witnessed the development of the class room method of apprentice education to supplement job experience. Such education has arisen, either in the form of vocational training in the public schools, or through corporation schools under the auspices of employers, or through class controlled by the trade unions.

The most surprising progress has been made along the lines of part-time apprentice training classes organized by the public schools, according to the bulletin. Such training dates from the passage of the Federal vocational education act in 1917. At the close of the fiscal year 1921-22 a total of 265,494 pupils were enrolled in such rontinuation classes. The bulletin believes that the public school is destined to fill a role of increasing importance in apprentice education, since it supplies a neutral training agency, acceptable to both capital and labor.

Sharp issue is taken with the belief of many educators that the part-time school is only a temporary make-shift to be displaced as soon as the age of compulsory full-time education can be raised to a desired point. The bulletin questions the wisdom of full-time education for boys and girls over 14, whose minds are set on employment. For such youths industrial experience will prove of greater educational value than unwilling attendance at high schools, it is declared. At the same time the part-time school holds these yong workers within the influence of the public school system.

Too many educators hold the "camel" theory of education, says the bulletin. They asume that the child is an intellectual camel, who can take his education in a prolonged meal—an educational gorge—store it up in an intellectual hump, and live off the hump all the way across the journey of life. They assume that the school is able, by itself, to furnish a balanced ration. They overlook entirely the educational value of work for youth, as well as for older people.

Copies of this bulletin are obtainable from the superintendent of documents, government printing office, Washington, D. C.

How Strong Are the Labor Unions?

The American labor unions reached the peak of their "closed shop" strength in 1920, when their total membership was something over 4,900,000. Of this huge total, 4,078,740, or 83 per cent, were affiliated with the American Federation of Labor. The present total union membership in the United States is about 3,730,000, a decrease from the peak figures of more than 1,170,000, or nearly one-fourth. The American Federation of Labor membership, as reported to the 1923 convention, is 2,926,500, and represents a loss of 269,000 in 15 months, a fact the more significant when it is considered that the volume of employment has increased during the same period.

Another method of computation deals with "organizable workers." Take the census figures for the number of "persons gainfully employed" and 10 or more years of age in 1920; by successive reductions of those obviously not eligible to unionization obtained the potential union strength of the workers and you will reach an aggregate of less than 17,500,000. Thus the total membership in the labor unions in 1920 was only about 28 per cent of the number "organizable," and the number of unionists in 1923 had declined to 20 per cent of the eligibles.

To be sure, the ratio for 1923 is very hard to determine, as there are no complete census figures for last year. Noel Sargent, manager of the open shop department of the National Association of Manufacturers, examines all the available data and concludes that there was a marked increase in individual productivity in 1921, but a letting down since then, yet after making all allowances he puts the number of "organizables" for 1923 at 18,836,906, of whom only one in five is unionized.

In other words, the unions do not represent by any means the 100 per cent opinions of American labor. At the peak of their power the unions included on their rolls only a small percentage of the workers of America. But the power of the unions is vastly out of all proportion to these ratios because of the enormously important fact, stated thus by Mr. Sargent: "The closed shop unions have confined themselves almost entirely to a few key industries—transportation, fuel, clothing and building. It is on account of the particular importance of these industries that the closed shop system has become so prominent an issue before the American public." — "Boston News Bureau."

BETTER BUILDING SHOW FOR OAKLAND

Oakland's second annual "Better Building Show," representing more than 100 exhibitors of building materials, house furnishings and various manufactured products of the East Bay district, will be staged March 14 to 22 at 1421 Franklin street, Oakland. The "last word" in everything which goes into the home, the office or the modern structure will be on display.

While the exhibit is a permanent one, special efforts have been made by the 1924 show committee, in charge of the exposition, to center therein the most modern products of the East Bay district. The latest built-in features for homes, kitchen and bathroom plumbing, various electrical devices, beautiful furnishings, lighting and heating systems; in fact, everything which can possibly aid the builder in construction and furnishings will be shown. Merits of each exhibit will be explained.

So great has been the demand of East Bay industry leaders for display booths that a great deal more floor space than that occupied by the present exhibit, may have to be obtained.

The committee in charge of the show follows: Geo. W. Kaiser, chairman; G. L. Richards, W. C Simpson, O. R. Doerr, Doris Conner, V. D. Mulkey, L. W. Blake, M. F. Murray, H. C. Tuller Jr., and Benj. S. Ebersole, manager of the Builders' Exhibit.

CO-OPERATIVE FUND FOR FOREST ROADS APPORTIONED

Twenty-eight States in which natural forests are located wholly or in part will share in the distribution during the current fiscal year of the $1,000,000 fund appropriated by Congress annually for the construction of roads and tails within the national forests in co-operation with local authorities, according to the apportionment recently approved by the Chief of the Forest Service and the Secretary of Agriculture. Alaska and Porto Rico will also share in the distribution of this fund, commonly konwn as the Section 8 fund.

Last year 27 States shared in the federal moneys, Pennsylvania having been added to this year's list following the establishment of the Allegheny National Forest in that State. This particular fund is expended only under co-operative agreements with State and local authorities and should not be confused with other road-building funds expended upon roads and trails within the national forests.

Following are the States and the amounts each will receive: Arizona, $54,299; Arkansas, $9,752; California, $126,822; Colorado, $67,537; Idaho, $114,764; Montana, $64,889; Nevada, $17,164; New Mexico $37,945; Oregon, $136,686; South Dakota, $7,495; Utah, $38,319; Washington, $85,741; Wyoming $45,201. Alaska receives, $43,919.

Florida, Michigan, Minnesota, Nebraska, North Dakota, Oklahoma, and Porto Rico will together share in $13,980. Alabama, Georgia, Maine, New Hampshire, North Carolina, Pennsylvania, South Carolina, Tennessee, Virginia, and West Virginia will together share in $35,597. The sum of $100,000 is reserved for administrative and equipment expenditures and special contingencies.

SEASONAL DECLINE IN INDUSTRY IS SLIGHT

A general decrease of 0.9 per cent in employment during January was accompanies by a 4.9 per cent decline in payroll totals and a reduction in per capita earnings of 4.1 per cent, according to reports from 7849 establishments in fifty-two manufacturing industries compiled by the bureau of labor statistics of the Department of Labor.

Compared with January, 1923, however, 4121 establishments in forty-three industries showed increases of 1.3 per cent in employment, 6.8 per cent in total wages and 5.5 per cent in per capital earnings.

Despite the seasonal lessening of production for inventory and other purposes the rate of decrease in employment was not as great in January as in December, when it was 1.56 per cent. The decline in production, however, was reflected in payroll totals, which showed a drop of 1.7 per cent in December.

In one week of December the 7849 establishments reported 2,575,172 employes who received a total compensation of $68,850,028, as compared with 2,552,742 employes in January, with total wages of $65,481,467.

BUSINESS OPPORTUNITY

Works Manager, experienced in sheet metal and light structural steel products, heating and ventilating systems, irrigation products, etc Able organizer of plant and employees; cost and shop systems, best of references. Member of Amer. Soc. of Mechanical Engineers and at present connected financially as superintendent of plant but want to make change. Will invest if satisfactory proposition is advanced. Address—AAA, Building and Engineering News.

Pacific Coast Not Meeting Demand For Homes—Survey Shows

The cities of the Pacific Coast, are not building in proportion to their growth, and a housing shortage, with high rental schedules, is generally apparent as a result, according to a statement made public by S. W. Straus & Company.

A company research into building conditions in fifteen of the leading cities reveals that they have increased in population by 1,020,831 in the four-year period beginning with January, 1920. Due to the failure of building operations to keep in step with this increase, the housing shortage in many sections is as acute as it was during the war, the statement said The fifteen cities issued 427,004 building permits in the four year period, calling for a total investment of $1,063,888,362, but still there is a pressing need for adequate building provisions for the many newcomers.

"Every growing city in Washington, Oregon, California, Idaho, Utah, Nevada and Arizona must expect more intensive building during 1924 and for several years to come than heretofore, or fail to meet the requirements of a rapidly increasing population," the statement says.

An average increase in population of 48 per cent in the fifteen cities in the four year period is shown, ranging from 6 per cent at Salt Lake City to 119 per cent at Long Beach. The average investment in new construction for each newcomer is $1,042, on a basis of one building permit for each 2.38 newcomers.

S. F. Outlay Small

Salt Lake shows a building ratio greater than the average, with but little decrease in rentals, while San Francisco invested but $753 in new buildings for each newcomer during the research period, with an increase of 40 per cent for flats to 75 per cent for apartment houses over the rentals of 1920. In Los Angeles the rental schedules range from 20 to 40 per cent above those of 1920.

"The housing status of January, 1920, was based on conditions resulting from the war, and it was estimated then that five years of intensive building would be required to restore housing and rentals to pre-war normal," the statement says. "Four years of building activity since then have not only failed to reduce that housing shortage, but has, in most places, failed to keep pace with the increase in population."

Perfect Mechanical Bricklayer

A brick laying machine that may go a long way toward solving some of the difficulties of the employers of high priced labor has been perfected by an ingenious Scotchman. The British Ironmonger gives the following description of the machine:

Few trades connected with housing have given rise to more discussion than that of bricklaying, and it is still an unsolved problem how many bricks a competent English bricklaker ought to lay in a working day. Figures varying between 200 and 800 have been suggested, but hitherto it has only been possible to compare one man's work with another's. Now, however, after five years of experimenting, a machine for laying bricks has been perfected. The "K" erector, as it is called, is made by Sir Wm. Arrol and Company (Ltd.), of Glasgow, Scotland, and is being used on a housing scheme in the Glasgow area. It consists of tubular uprights, connected at top and bottom, and free to travel on raile laid along the outside walls. Across the width of the house to be built, and carried on the uprights, is a boom which can be raised and lowered. On it are mounted a small traveling carriage, the mortar tank, and the brick-laying mechanism. With the last-named over the starting point the laying wheel rotates, taking two bricks at a time from the hopper, while the measuring mortar wheel spreads the mortar. Thus, as the carriage moves across the boom, one row of bricks is laid.

When the end of the wall is reached the direction of the carriage can be changed and the movement of the machine adjusted so as to lay bricks along one of the side walls, and then across the back and up the other wall to the point where the work started. After a course has been laid all around, the boom has to be raised by the thickness of one brick, plus the mortar joint, and the operations are repeated until the desired height is reached. Provision is made for automatically cutting off the supply of brick and mortar wherever a doorway or window intervenes. The feeding of the brick into the hopper is best performed by hand, and the speed at which the machine lay them in regulated thereby. The average is said to be between 1200 and 1500 brick per hour. Three man are required to work and feed the machine, and the most suitable driving power is a three horse power electric motor, but where current is not available a small petrol engine can be fitted to the traveler.

LUMBER INDUSTRY PREPARING FOR BIGGEST YEAR

Lumber demand, which during January developed strongly and reached high levels, remained keen during the first week in February, says the American Lumberman. The outlook has brightened constantly as the year has progressed, and high optimism pervades the industry. Not only are general industrial prospects very good, but preparations are clearly being made for one of the biggest building years in the country's history.

Retailers everywhere report an unusually large and steady business for this early season, and are constantly coming into the market for supplies needed immediately. Most of the present voluminous wholesale business, in fact, appears to be founded on current needs. Though looking forward with confidence to heavy business in the spring, retailers are exceedingly conservative, and will not speculate on the future to the extent of laying in heavy stock.

This is one of the very favorable elements in the situation, as it assures the manufacturing industry of a steady trade regardless of the volume that spring building developes It also prevents the placement of this time of a volume of business so large that mills would be unable to handle it, and which would surely result in runaway market conditions.

Building News Section

APARTMENTS

Segregated Figures Being Taken.
APARTMENTS Cost, $235,000
SAN FRANCISCO, Van Ness Ave.
Six-story class B apt. house (12 6-room apartments.)
Owner—Withheld.
Architect—Wm. F. Gunnison & H. P. Merritt, 57 Post St., San Francisco.

Preliminary Plans Being Prepared.
APARTMENTS Cost, $500,000
SAN DIEGO, San Diego Co., Cal
Eight-story and basement reinforced concrete apartment house.
Owner—Withheld.
Architect—Normand W. Mohr, 310 California St., San Francisco.

Preliminary Plans Being Prepared.
APARTMENTS Cost, $150,000
SAN FRANCISCO, Western Addition.
Three-story and basement frame and stucco apartment building apprix. 200 rooms.
Owner—Withheld.
Architect—Normand W. Mohr, 310 California St., San Francisco.

Plans Being Prepared.
APT. BLDG. Cost, $21,000
BERKELEY, Euclid Ave., & Hilgard St
Two-story and basement frame and stucco apt. bldg. (4 4-room apts.)
Owner—Mrs. Wright.
Architect—W. H. Ratcliff Jr., Mercantile Bank Bldg., Berkeley.

Plans Being Figured.
APARTMENTS Cost, $20,000
SAN FRANCISCO, SW Greenwich and Franklin Sts.
Three-story and basement frame (12) apartments.
Owner — Mssrs. Maas & Sauer, care Architect.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

LOS ANGELES, Cal.—Archt. H. W. Charlton, H. D. Charlton, Assoc., 111 E Broadway, Glendale, have prepared plans for a 4-story 89-room apartment house for E. J. Stange at Crown Hill and Witmer St., Los Angeles; 43 apts. ea. with bath, press. brick front, 55 by 109 ft., pine inter. trim, pine fls., steam heat, hot water plant, M. & S. beds; prob. day work; $120,000.

Plans Being Figured.
STORE & APT. Cost, $35,000
SAN FRANCISCO Valencia St., betw. 15th and 16th.
Three-story frame store and apt. bldg. (12 2 and 3-room apts.)
Owner—Bertrum & Lindstrom.
Architect—Bauman & Jose, 251 Kearny St., San Francisco.
Figures are being taken for a general contract.

Plans Being Figured
APARTMENTS Cost, $15,000 and $10,000 respectively.
SAN FRANCISCO. Twentieth Ave. and Geary St.
Two-story and basement frame and stucco apartments (4 3-room apts. and 2-story 8-room residence, tile roof.
Owner—I. Wilbur.
Architect—Bauman — Jose, 251 Kearny St., San Francisco.
Figures are being taken for a general contract.

Contractor Taking Sub-Figures.
APARTMENTS Cost, $120,000
SAN FRANCISCO, S O'Farrell St. 137-6 E Leavenworth.
Six-story reinforced concrete apartment house (41 2 and 3-room apts)
Owner—L. J. Neal, 364 Page St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Contractor — J. Harold Johnson, 180 Jessie St., San Francisco.

Owner Taking Figures.
APARTMENTS Cost, $90,000
SAN FRANCISCO, N Sacramento St. 170 W Franklin.
Four-story and basement class C (16) apartments.
Owner—Louis D. Stoff, 1035 Sutter St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Contractor — J. Fraccia & C. Rosina, 1350 Gilman San Francisco.

Plans Complete.
APARTMENTS Cost, $30,000
SAN FRANCISCO, W Valencia 65 N 26th
Three-story and basement frame (23) apartments.
Owner—Joseph Knight, 661 Valencia St., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.

LOS ANGELES, Cal.—Harry Genser, 208 Hibernian Bldg., has completed plans for a 2-story apartment bldg. to be erected on Boyle Ave. near 3rd St. for Schechter & Freeman, to contain 24 apts. Two-story 50x130 ft., frame and stucco constr., comp. rfg., electric htg., tile baths and drainbds., hardwd. fls., pine trim., wall beds, refrigerators $50,000. Owner will erect by day labor.

LOS ANGELES, Cal.—Harry Genser, 208 Hibernian Bldg., has completed plans for a 2-story, 60 single rm apartment bldg. to be erected on Westlake Ave. nr. 6th St. for H. Gorelnick. Two story 46x150 ft., frame and stucco construction, comp. rfg., electric htg., tile baths and drainbds., pine fls. and trim, wall beds; $70,000. Owner will erect by day labor.

LOS ANGELES, Cal.—Milton Cohen, Mercantile Arcade Bldg., is organizing the Alexandria Apartments Corp. for the purpose of erecting a class A apt. house at Wilshire Blvd. and Rampart St. It is to cost about $1,000,000.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. **Fold-up-Dors.** Ti-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-slipping flooring.—Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET

Sutter 5907 San Francisco

LOS ANGELES, Cal.—Archt. Everett H. Merrill, 3081 W 6th St., has prepared plans for a $60,000 2-story store and apt. bldg. to be erected at 3rd St. and Manhattan Ave. for a client, name withheld. Eight stores, 14 apts. Brick walls, stucco exter., tile rf., cem. store fls., hardwood apt. fls. and trim, art stone trim, tile baths and drainbds., disap. beds, gas rads.

LOS ANGELES, Cal.—Archt. Everett H. Merrill, 3081 W 6th St. has begun working drawings for an $80,000 group of three frame apt. bldgs. containing a total of 8 apts. to be erected in the s.w. Wilshire district for a client. Stucco exters., tile rfs., hardwd. fls. and trim, tile baths and drainbds., gas rads.

PASADENA, L. A. Co., Cal.—The Littleton Co., 608 E Colorado St., Pasadena, is preparing plans for a $150,000 6-story class A own-your-own apartment bldg. to be erected at s.e. corner East St. and El Molino Ave., Pasadena, for a client, name withheld. The bldg. will be erected as lofts and floor plans will be made according to space purchased for apts. of from 6 to 20 rms. each. Found., 60x150 ft.

LOS ANGELES, Cal.—P. A. Weeger, 3306 W 6th St., has the contract to erect a 3-story apt. house 41x144 ft., on Lake St., bet. 7th and 8th Sts., for F. E. Andreani, 741 S Lake St. Frame and plas. constr., comp. rfg., pine trim, oak and pine fls., tiled baths, wall beds gas rads, water htrs; $80,000.

LOS ANGELES, Cal.—Postle Co., architects and engrs., 631 Van Nuys Bldg. is preparing plans for altering a 6-story class A hotel bldg. into an own-your-own apt. bldg. of 60-units, on S Raymond Ave., Pasadena, for the Greene Hotel Corp. The work will consist of tearing out partitions, new fls., new partitions, tiled baths, new htg. system, plastering, elec. wiring, painting and decorating, plumbing, pine and hardwood trim, etc.

LOS ANGELES, Cal.—Mann-Walker Building Co., 416 I. W. Hellman Bldg., have the contract to erect a 2-story 24 2-room apartment bldg. on Burlingame Ave. nr. Maryland Ave. for W. W. Dendwiddie. Two-story and basement, 47x111 ft., frame and stucco constr., comp. rfg., gas rads., aut. water htrs., comp. baths and drainbds., hardwd. and cement fls., pine trim, wall beds; $40,000.

LOS ANGELES, Cal.—Harry Genser, 208 Hibernian Bldg., has completed plans for a 2-story apt. bldg. to be erected on Boyle Ave. near 3rd St., for A Bold. There will be 28 single apts. Two-story, 60x165 ft., frame and stucco. constr., comp. rfg., electric htg., tile baths and drainbds., hardwood fls, pine trim, wall beds, refrigerators; $75,000.

LOS ANGELES, Cal.—Roy L. Jones, 311 S Western Ave., is preparing plans for a 3-story brick apt. bldg. to be erected on Union Dr. by Mr. Rosenthal for himself. Thirty units, including six doubles. Basement laundry, gas steam heat, aut. electric elevator. Found., 48x115 ft., press. brick facing, comp. rfg., hardwood fls., tile baths and drainboards, disap. beds.

SAN FRANCISCO — Watts Electric Co. has been awarded a contract at $49,800 by Architect C. A. Menssdorffer, Humboldt Bank Bldg., for the 7-story and basement reinforced concrete apartment bldg under construction adjoining the NW corner of Washington and Gough Sts. Two Thousand and Six Washington St., Inc., is the owner.

BONDS

BAKERSFIELD, Kern Co., Cal. — An election will be held March 4 to vote on a $150,000 bond issue for building additional classrooms for the Kern county union high school and $50,000 for a second unit of the stadium, making a total of $200,000.

STOCKTON, San Joaquin Co., Cal.—Due to irregularities, the county supervisors have cancelled proceedings with regard to the bond election held in the Montezuma School District. The issue was for $11,000. Another election will be called. Ralph P. Morrell of Stockton is the architect.

FOLSOM, Sacramento Co., Cal.—Bonds of $75,000 voted in Folsom High School District to finance erection of new high school. Geo. C. Sellon & Co., Mitau Bldg., Sacramento, are the architects.
(49231) 1st report Jan. 23; 2nd Feb. 6.

HUNTINGTON PARK, L. A. Co., Cal.—The $750,000 high school bond election is to be held in the Huntington Park union high school dist. on Feb. 29. Trustees are: Mortimer Pearson, W. H. Dalrymple, P. J. Dubin, Anna C. Geck, and H. D. Turner.

HAWTHORNE, L. A. Co., Cal.—The proposed $200,000 bond issue for new school bldgs. in the Inglewood union high school dist. includes $153,000 for a 20-room bldg. and a gymnasium estimated to cost $54,000. These bldgs. will serve the Hawthorne and Lawndale territory of the district.

MODESTO, Stanislaus Co., Cal. — Bonds of $17,000 voted in Rising Sun School District; proceeds of sale to finance erection of new school.

CHURCHES

Preliminary Plans Complete.
CHURCH Cost, $125,000
SACRAMENTO, Cal., 27th and L Sts.
One-story brick and terra cotta church
Owner — Pioneer Memorial Church (formerly First Congregational Church).
Architect — E. C. Hemmings and L. Stark, Ochsner Bldg., Sacramento.
Working drawings will be started shortly and plans will be ready for figures in about 3 months.

Contract Awarded.
CHURCH Cost, $15,606
SACRAMENTO, Cal., 416 O St.
Two-story church.
Owner—Buddhist Church Assn., 1316 O St., Sacramento.
Contractor — Campbell Constr. Co., Ochsner Bldg., Sacramento.

LOS ANGELES, Cal.—Archt. H. M. Patterson, 325 O. T. Johnson Bldg., has completed plans for a new church bldg. to be erected at 53rd St. and Vermont Ave., for Vermont Ave. Presbyterian Church. Two-story 70x110 ft., brick constr., cast stone trim, tile or slate rfg., art glass, pine trim, oak and pine flrs., heating and ventilating; $70,000. Owners will erect by day labor under supervision of Mr. Goff, trustee.

LOS ANGELES, Cal.—Archt. H. M. Patterson, 325 O. T. Johnson Bldg., is completing plans and will take bids soon for a 3-story class C parish house on Echandia St. near Bridge St. for the Church of the Divine Savior; it will have medical clinic, rooms for social community work, Auditorium and classrms for educational work. Brick walls, press. brick facing, 52x100 ft., with 2 wings, 20x30 ft. each. Comp. rfg. cem. and hardwd flrs., gas rads., struc. steel, etc.; $50,000.

MONROVIA, L. A. Co., Cal.—Trustees of the Christian church propose to erect a new $50,000 church bldg. in Monrovia by the Winey plan, which is a type of financing for churches patterned after the bldg. and loan assn. idea. F. M. Evans is chairman of the board of trustees.

PALO ALTO, Santa Clara Co., Cal.—Bethlehem Lutheran Church, Rev. John Bildt, pastor, plans to raise $12,000 to finance construction of new church building at Webster St. and Homer Ave. Of the total amount required $3000 is available.

LINDSAY, Tulare Co., Cal.—Funds are being raised by Lindsay Catholic Church to finance connstruction of new edifice in S-Mirage Ave. near Honolulu St. Est. cost, $12,000. Will be of frame and Kellastone construction. A. C. Stuhlman of Delano, Calif., is chairman of the finance committee.

LOS ANGELES, Cal.—Archt. Norman F. Marsh, 211 Broadway Central Bldg., Archt. Paul Williams, Stock Exchange Bldg., associate, are preparing plans for a new church to be erected at 24th St. and Griffith Ave. for Second Baptist Church. Two-story and basement, 120x130 ft., brick construction, ruffled brick facing, tile and comp. rfg., art. glass, pine trim, oak and pine flrs., htg.; $125,000.

FACTORIES AND WAREHOUSES

Contractor Taking Sub-Figures.
ADDITION Cost, $10,000
OAKLAND, Alameda Co., Cal. SE 22nd and Market Streets.
Brick addition to factory.
Owner—Cardinet Candy Co., Premises.
Architect—None.
Contractor—Fred A. Muller, Syndicate Bldg., Oakland.
1st report Feb 16, 1924.

Contract Awarded.
WAREHOUSE Cost, $32,000
SACRAMENTO, Sacramento Co., Cal. No. 430 R Street.
Brick and concrete warehouse.
Owner—Sacramento Growers Market.
Architect—None.
Contractor—Chas. S. Mabrey, Ochsner Bldg., Sacramento.

YUBA CITY, Sutter Co., Cal.—Earl Fruit Co., is having plans prepared for a $20,000 fruit packing plant to be erected in Yuba City to handle 1924 crops.

Contractor Taking Sub-Figures.
BAKING PLANT Cost, $——
OAKLAND, Alameda Co., Cal. 22nd and Myrtle Streets.
Two-story and basement reinforced concrete bread baking plant.
Owner—Rose Baking Co.
Architect—Fred'k. Meyer and A. Johnson, Bankers' Investment Co., San Francisco.
Contractor—Fred A. Muller, Syndicate Bldg., Oakland.

To Be Done By Day's Work.
SMOKE HOUSES ETC. Cost, $10,000
SAN FRANCISCO, 446 Drumm St.
Add 3 smoke houses and raise roof of packing plant to permit installation of conveying equipment.
Owner—Kingan & Company, care architects.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.
Sub-figures to be taken shortly.

Plans Being Prepared.
FACTORY Cost, $20,000
SACRAMENTO, Cal., E St., bet. 16th and 17th Sts.
One-story reinforced concrete factory 80x160.
Owner—J. P. Hynes Packing Corp.
Architect—Hemmings & Stark, Ochsner Bldg., Sacramento.
Plans to be ready for figures in 30 days.

Plans Being Prepared—Figures To Be Taken Next Week.
LOFT BLDG. $18,000 to $20,000
SAN FRANCISCO, N Minna St. E 8th Street.
Three-story reinforced concrete loft building.
Owner—Withheld.
Architect—Albert Fabre & E. Hildebrand, 110 Sutter St., S. F.

Plans Being Figured.
MFG. BLDG. Cost, $—
SAN FRANCISCO, 7th St. near Bryant.
1½-story reinforced concrete manufacturing building.
Owner—Withheld.
Architect—Arthur S. Bughee, 26 Montgomery St., San Francisco

Plans Being Prepared.
WAREHOUSE Cost, $—
SAN FRANCISCO, N Jessie St., between Ecker and St. Anthony Sts.
Five-story reinforced concrete flat slab warehouse 67x62 (1 elevator).
Owner—Dalziel Estate.
Architect—Willis C. Lowe, Monadnock Bldg., San Francisco.

Plans Being Prepared.
WAREHOUSE Cost, $125,000
OAKLAND, 1st and Brush Sts.
Four-story reinforced concrete flat slab warehouse 80x200 (2 freight elevators, sprinkler sys., etc.)
Owner—Withheld.
Architect — Willis Lowe, Monadnock Bldg., San Francisco.

LOS ANGELES, Cal. — O. G. Smith, 1448 Court St. (824-832), has prepared plans and is superintending the construction of a 3-story warehouse at Figueroa St. and Sunset Blvd. for the Swanfeldt Tent and Awning Co., 224 S Main St. Reinf. conc. walls, 3-story and basement, 50x122 ft., plaster exter., frame fl. joists, comp. rfg., cement and pine flrs., metal skylights, plate and wire glass, steel sash.

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DIRECT FACTORY BUYERS

MONROVIA, L. A. Co., Cal.—Colby Management Co. (R. R. Colby, pres.) has announced that the company has purchased 93 acres from the Bradbury Estate as a site for a fireproof factory bldg., 1600x90 ft., for the manufacture of the Wizard tractor. Construction is planned to start within two weeks. The company proposes to remove a foundry now located at Huntington Park to the new site. J. M. Kroyer of the Kroyer Motors Co. of Los Angeles, is financially interested in the new project.

LOS ANGELES, Cal.—Archt. W. J. Saunders, 227 Laughlin Bldg., has prepared preliminary plans for a class A warehouse to be erected at 6th and Imperial Sts., for the California Truck Co. by the Santa Fe Railway Co. It will be 4-story and may possibly be increased to 6-story; dimensions, 110x375 ft., reinf. conc. constr., comp. rfg., steel sash, metal skylights, steel rolling doors, three elevators, sprinkling system.

LOS ANGELES, Cal.—Archt. W. J. Saunders, 227 Laughlin Bldg., is completing plans for a 4-story and basement class A warehouse to be erected at 11th and Lemon Sts., for Tooker Storage & Forwarding Co. Dimensions 150x165 ft., reinf. concrete construction steel sash, comp. rfg., metal skylights, steel rolling doors, sprinkling system, three elevators.

ANAHEIM, Orange Co., Cal. — The Community Holding Co. has been incorporated with a capital of $200,000 for the promotion of industrial enterprises for Anaheim. The corp. proposes to purchase a 40-acre tract for industrial factory sites. F. A. Yungbluth and A. B. McCord are members of the board of directors.

LOS ANGELES, Cal.—Morgan Co., Rm. 6, Kerckhoff Bldg., are preparing plans and have the contract to erect a 2-story loft bldg. at 1111 Wall St. for by 150 ft., brick walls, 2-story, comp. rfg., cement and pine fls, sawtooth roof constr., metal skylights, steel sash, plate and wire glass.

MONTE VISTA, Cal.—West Ontario Citrus Assn. Stockholders authorize construction of new reinf. conc. packing plant to cost approx. $200,000; will have a pretentious pre-cooling apparatus. The capacity will be about 1500 carloads per day. R. K. Pitzer is pres. of the assn. and Wm. Hartley, manager.

Bids Opened and Taken Under Advisement.
EXTENSIONS Cost, $50,000 1st unit
SACRAMENTO, 10th and R Sts.
Extensions to 2-story and basement reinforced concrete, brick and steel sash bldg. (glass storehouse and workshop).
Owner—W. P. Fuller & Co.
Architect — E. C. Hemmings and L. Starks, Oschner Bldg., Sacramento.
This is the structure that was recently partly destroyed by fire. Another addition will be made later.
Herndon & Finnigan, 1814 17th St., Sacramento $46,660
Wm. Murcell, Sacramento 46,948
Chas. Mabrey, Sacramento..... 48,241
Geo. Hudnut, Sacramento..... 48,800
McGillivray Constr. Co..... 49,500
Fred Betz, Sacramento 49,670
Campbell Constr. Co., Sacto..... 49,800
Holdener Constr. Co., Sacto.... 49,825
W. C. Keating, Sacramento.... 50,986
Davison & Nicolsen, Sacramento 54,450
Lindgren & Swinerton, S. F.... 57,000

LOS ANGELES, Cal.—Barker Bros., furniture dealers, are having plans prepared for a 6-story and basement class A, reinf. conc. warehouse to be erected at n.w. cor. of Palmetto and Hewitt Sts. Dimensions, 140x160 ft., flat slab constr., plas. exter., steel sash rolling doors, metal skylights, 1 passenger and 1 freight elevator, sprinkling system; $400,000. The bldg. is being designed to carry six additional stories.

NAPA, Napa Co., Cal.—Pioneer Fruit Co., granted building permit by city council to erect pre-cooling plant in Vallejo St., bet. Wallace and Green Sts.; est. cost $12,000. Will be 50 by 100 ft.

LOS ANGELES, Cal.—Austin Co. of California, 737 Bartlett Bldg., has completed plans for a warehouse and office bldg. to be erected on w. side of Central Ave., bet. 60th and 61st Sts., for the Bond Grocery Co. Dimensions, 70x140 ft., 2-story and basement, comp. rfg., steel frame constr., brick walls, steel sash, cem. and hardwd. fls., metal skylights, wire and plate glass; $45,000

SANTA ANA, Orange Co., Cal. — Uniform Mixed Concrete Co. has started construction of a plant on Santiago Creek, east of the bridge crossing on S Glassell St., Orange. The company plans to expend approx. $50,000 for mixing plant, motor trucks and other equipment. B. R. Ford and A. H. Britton, owners and organizers.

Working Drawings To Be Started Shortly.
WAREHOUSES Cost, $3,000,000
SAN FRANCISCO, Mission Rock.
Three 3-story reinforced concrete and steel warehouses with concrete piling (1,000,000 sq. ft.)
Owner—San Francisco Terminals Inc., (Harvey S. Scott, Pres.) 240 Battery St., San Francisco.
Eng. & Mgr. of Constr.—F. J. Amweg, 251 Kearny St., San Francisco.

SEATTLE, Wash.—Northern Pacific R.R. Co. is having plans prepared for a fireproof fruit storage warehouse 250 ft. by 80 ft. to be erected in King St., bet. Occidental Ave. south and 2nd Ave. south. Modern refrigerating equipment will be installed; est. cost $115,000.

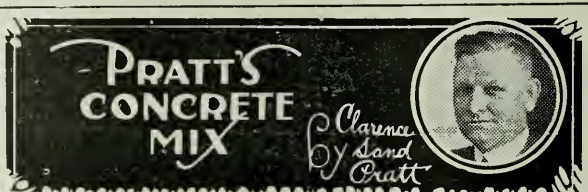
FLATS

Plans Being Prepared.
FLAT BLDG. Cost, $9,000
SAN FRANCISCO. Mission District.
Two-story and basement frame and stucco flat building (2 5-room flats)
Owner—Withheld.
Architect—Norman W. Mohr, 310 California St., San Francisco.

Plans Being Prepared.
FLAT BLDG. Cost, $14,000
SAN FRANCISCO, North Beach Dist.
Two-story and basement frame and stucco flat bldg. (2 6-room flats) and garage.
Owner—Withheld.
Architect—Albert Fabre and E. Hildebrand, 110 Sutter St., S. F.

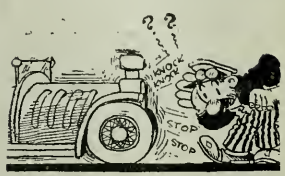
Contract Awarded.
FLATS Cost, $10,240
OAKLAND, NE Warfield & Prince Sts.
Two-story 7-room flats.
Owner—Mrs. Correa.
Contractor—Covey & Rose, 5808 Grove St., Oakland.

Plans Complete.
FLATS Cost, $14,500
BERKELEY, 2501-3-5-7 Euclid.
Two-story 16-room flats.
Owner—M. A. Wright, 18 Alvarado Rd., Berkeley.
Architect—W. H. Ratcliff, Merc. Trust Co. Bldg., Berkeley.



Wm. H. Marsh, Superintendent.
State Motor Vehicle Department.
Sacramento, California.
Dear Bill.

SANDY PRATT wishes.
TO THANK you.
AND YOUR efficient.
AND OBLIGING young lady assistant.
FOR GIVING him "300."
FOR HIS beautiful car.
YOU KNOW, Bill.
DOUGLAS 300—"easy to remember."
IS THE San Francisco number.
OF SANDY Pratt's company.
THE PRATT Building Material Co.
AND WHO operates plants.
TO PRODUCE rock and sand.
AT MARYSVILLE, Sacramento.
PRATTROCK (NEAR Folsom)
AND PRATTCO, Monterey County.
WHERE SANDY'S famous signs.
"SPEED LIMIT, 99 miles per hour.
FORDS DO your best."
ARE TELLING the motorists.
THAT THE sky is the limit.
AND IF they want.
TO DIE early.
THAT SANDY Pratt, producer.
OF CLEAN sand and rock.
HAS "PAVED the way."
WITH HARD rock.
AND CLEAN sand.
AND SAY, Bill.
AS FRANK Jordan.
GREATEST SECRETARY of State.
IN THE world.
WOULD SAY.
IT TAKES a fellow.
WITH "SAND."
TO DRIVE a boat.
WITH "300" in green letters.
ALL OVER the car.
BECAUSE YOU have.
TO DRIVE slow (35 an hour).
AND YOU have.
TO BE careful.
WHERE YOU park.
BOTH DAY and night.
"I THANK you."



Sandy Pratt, producer of clean, sharp sand and rock drives car 300, just like Douglas 300—"easy to remember."

SPRING VALLEY WATER COMPANY
375 SUTTER STREET

JOHN J. SHARON
ASSISTANT TO THE MANAGER

SAN FRANCISCO, CALIF.,

December 28th, 1923.

Crowe Glass Company,
1055 Post Street.,
San Francisco, California.

Gentlemen:-

Accept my sincere thanks for your kind holiday greetings.

The theme co-operation is particularly well chosen, but I must decline to take much credit upon myself and would be particularly remiss if I did not commend you upon the way the Spring Valley Water Company office building was enclosed from the second to the seventh floors after the order was given to proceed. Likewise, the ready response and the efficient results when other portions of the work were ordered, made co-operation with your firm one of the most pleasant in my experience as Supervising Engineer of Construction of Spring Valley office building in 1923. With labor conditions as they were during the past year, I think it truly remarkable the way your firm handled the work.

Assuring you of my most cordial friendship and wishing your firm a very prosperous 1924, I am,

Very truly yours,

Felix Fibush

To Our Many Friends

We wish to announce that due to our ever increasing business, we had to enlarge and secure new quarters and have taken over the business of SCHWARZ & GOTTLIEB, located at

574 EDDY STREET, SAN FRANCISCO,

and have removed our entire plant to that location.

New Phone PROSPECT 612.

GARAGES

Planned.
GARAGE BLDG. $1,500,000 approx.
SAN FRANCISCO, 4th, Jessie & Stevenson Sts.
Ten-story class A garage bldg 155x300 (3000 machines).
Owner—Louis R. Lurie, 315 Montgomery St., San Francisco.
Architect — O'Brien Bros., 315 Montgomery, San Francisco.
Only preliminary sketches have been prepared.

Contract Awarded.
GARAGE Cost, $—
OAKLAND, Broadway bet. Orchid and Brook.
One-story and basement class C reinforced concrete garage (concrete floor and basement, concrete or tile walls).
Owner—M. E. Roberts.
Architect—E. W. Cannon, Central Bk. Bldg., Oakland.
Contractor — Walter Murch, Federal Realty Bldg., Oakland.

Sub-Contracts Awarded.
AUTO SALES BLDG. Cost, $109,000
OAKLAND, Alameda Co, Cal. 20th and Webster Streets.
One and two-story reinforced concrete auto sales building and garage.
Owner—Frank J. Hurley.
Lessee—Buick Auto Sales Co.
Architect—B. G. McDougall, 393 Sacramento St., San Francisco.
Contractor — Lindgren-Swinerton Co., Standard Oil Bldg., San Francisco.
Steel Sash to Detroit Steel Products Co., 251 Kearny St.
Electric Work to H. C. Reed, 115 Mission St.
Plumbing & Heating to Feary & Moll, 1075 40th St., Oakland.
Rolling Doors to Acme Wood Door Co.
Plastering to Peter Bradley, 180 Jessie St., San Francisco.
Metal Joists to V. S. Person, Hearst Bldg., San Francisco.
As reported before, the grading has been awarded to Arris-Knapp Co.

Plans Being Prepared.
GARAGE Cost, $150,000
SAN FRANCISCO. Corner near the S. P. Depot.
Three-story reinforced concrete public garage and stores building (6 stores) steel sash, etc.
Owner—Withheld
Architect—Normand W. Mohr, 310 California St., San Francisco.

Preliminary Plans Being Prepared.
GARAGE Cost, $——
SAN FRANCISCO. Bush St. District.
Two or three-story reinforced concrete garage (for 100 cars).
Owner—Withheld.
Architect—T. Paterson Ross, 310 California St., San Francisco

Plans Being Prepared.
BATTERY STATION Cost, $30,000
SACRAMENTO, Cal., I bet. 15th and 16th Sts.
One-story brick and steel auto battery station (Willard Battery Station)
Owner—Russell & Logan.
Architect—Hemmings & Starks, Ochsner Bldg., Sacramento.
Figures will be taken in 30 days.

Contract Awarded.
GARAGE Cost, $21,400
SAN FRANCISCO, N 18th E Sanchez.
One-story reinf. conc. garage 50x275
Owner—J. Palaprat, 149 3rd St., San Francisco.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—Fred Moller & R. De Luca 180 Jessie St., San Francisco.

EUREKA, Humboldt Co., Cal.—Fred M. Kay, county clerk, will ask bids at once to construct auto parking grounds and building at Little river site. A. N. Foster, architect, Eureka.

WILLOWS, Glenn Co., Cal. — See "Playgrounds and Parks," this issue. To establish auto camps.

February 20, 1924
Plans Ready For Figures Feb. 25th.
STORES ETC. Cost, $16,000
SAN JOSE, Santa Clara Co., Cal., Market near San Carlos.
One-story reinforced concrete stores and garage.
Owner—Sam Martin.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.

Figures to be Taken Next Week.
GARAGE Cost, $18,000
SAN FRANCISCO, 840 Powell St.
One-story reinforced concrete garage, (private).
Owner—A. W. Wilson.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., S. F.
Figures will be taken for a general contract.

Plans Being Prepared — Contract Awarded.
GARAGE Cost, $25,000
SONORA, Tuolumne Co., Cal.
Two-story brick garage, 50x120.
Owner—Withheld.
Architect — Davis-Heller-Pearce Co., Delta Bldg., Stockton.
Contractor—Dan Hanify, Sonora, Calif.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO—Until Feb. 26, 11 a. m., bids will be rec. by U. S. Engineer, 85 2nd St., under Order No. 5126-544, to fur. and del. Rio Vista, Solano county:
20 ft. brake lining, best quality, 4½ in. by ¼ in.
2 sets metallic packing, for dynamo piston rod stuffing box; size of box 2 3/16 in. O. D., 2½ in. deep; dia. of rod 5/16 in.
28 rolls deadening felt, 36 in. by 50 sq. yds. to the roll; 1 lb. per sq. yd. stock.
50 lbs. asbestos, bulk, for use in boiler covering.
2 doz. gage glass washers, 1½ in. O. D. ¾ in. I. D. ½ in. long; similar to "Marvel" type.
26 pt. double leather belting, 4 in. waterproof.
10 lbs. approx., wire inserted sheet packing, ⅛ in.
1 doz. rubber valves, for water end of feed pump; 3½ in. O. D. ¼ in. I. D. by ⅝ in. thick.
4 rubber balls for toilet tank valve, size 1½ in.

Plans Prepared.
BUILDING Cost, $5000
SAN FRANCISCO, Crissy Field.
One-story frame and stucco recreation bldg. 76x40.
Owner—U. S. Government.
Architect — Constructing Quartermasters Office, Fort Mason.

Plans Prepared.
BUILDING Cost, $5000
SAN FRANCISCO, Crissy Field.
Frame and stucco radio communication bldg. 30x50.
Owner—U. S. Government.
Architect — Constructing Quartermasters Office, Fort Mason.

Plans Completed.
EXTENSION Cost, $60,000
DEL MONTE, Monterey Co., Cal.
Extension to Del Monte Training Camp (mess halls, store houses, sewer and water systems, etc.)
Owner—U. S. Government.
Architect — Constructing Quartermasters Office, Fort Mason.
Portable type of construction will be used for the buildings. Construction is to be completed before July 1.

KETCHIKAN, Alaska—Clyde Equipment Co., at $1125, delivery 30 days, awarded cont. by Light House Supt. to fur. one 10-h.p. double drum hoist. Other bids:
Fairbanks, Morse & Co., $1149, 14 days.
A. H. Cox & Co., $1300, with 10-h.p. engine, and $1400, with A. F. engine.
Lidgerwood Mfg. Co., $1226, with 8-h.p. engine, and $1320, with 15-h.p. engine.

WASHINGTON, D. C.—Until Feb. 29, 10:30 a. m., bids will be rec. by Purchasing Agent, Panama Canal, under Circular No. 1588, to fur. and del. Balboa (Pacific Port): Sheet iron or steel tubing, brass, copper, nails, lead, steel conduit and elbows, Manila rope, wire and cable, electrical supplies and fixtures, wire solder, welding rod, track motor car, motors, meters, brake-band lining, electric drills, foundry brushes, window glass, hose, kitchen sinks, range boilers, ship felt, asbestos gaskets, oakum, packing, pipe covering, copper sulphate, emery cloth, sandpaper, etc. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

KLAMATH FALLS, Ore.—Until Mar. 17, bids will be rec. by U. S. Bureau of Reclamation, Klamath Falls, to construct approx. 15-mi. of the North Canal, Langell Valley Division on the Klamath Project, Oregon-California, involv. approx. 125,000 cu. yds. excavation. Further information on request.

SAN PEDRO, Cal.—L. G. Parks, Federal Bldg., San Diego, at $1720 awarded contract by Bureau of Yards and Docks, Navy Department, to reconditION Russell Hall, under Specification No. 4945.

MARE ISLAND, Cal.—Until March 12, 11 a. m., under Specification No. 4941, bids will be rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., to fur. and deposit approx. 9000 tons of hard stone riprap to form embankment along the longitudinal dike at Mare Island Navy Yard. **See call for bids under official proposal section in this issue.**

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1053 MARKET ST.
Phone Market 891 San Francisco

SAN FRANCISCO — Constructing Quartermaster, Fort Mason, has prepared plans and funds have been requested to finance the grading of 32 additional acres at Crissy Field.

SAN FRANCISCO — Bids will be asked shortly by Constructing Quartermaster, Fort Mason, to construct concrete ramp, 18-ft. high 8-in. thick and 2500 ft. long at Crissy Field.

Blds will be asked shortly for concrete floors for No. 37 Hangar and for construction of concrete Ramps and Hangars No. 36 and No. 37 at Crissy Field.

SAN FRANCISCO—Army Transport Service Department, Fort Mason, is taking bids for repairs to sheet piles at Dock No. 3, Fort Mason. Further information from above.

LOS ANGELES, Cal.—Until 11 a. m., March 10, bids will be rec. by the L. A. board of supervisors for constructing an addition to the main dining room and an extension to commissary bldg. at the county farm. Bids will be taken separately on general work, plumbing and heating, and wiring. The addition to the dining room bldg. will be 2-story, 42x67 ft., dining room in 1st story, apts. in 2nd story, brick constr., conc. and wood fls., comp. rfg. The extension to commissary bldg. will be 1-story, 32x34 ft., frame and plas. constr., comp. rfg.

SAN FRANCISCO—Until Feb. 27, 11 a. m., under Order No. 5129-544, bids will be rec. by U. S. Engineer Office, 85 2nd St., to fur. and del. lumber to Rio Vista, Solano county.

SAN FRANCISCO—Until Feb. 26, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5127-544 to fur. and del. Rio Vista, Solano county, pipe, pipe fittings, etc.

SAN FRANCISCO—Until Feb. 27, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., to fur. and del. Rio Vista, Solano county, under Order No. 5130-544, a miscellaneous quantity of hardware and supplies.

PORTLAND, Ore.—Smith & Watson Iron Works, Portland, Ore., at $7791 awarded cont. by U. S. Engineer Office to fur. 2 sand pumps. Other bids: Union Machine Co., San Francisco, $8,400; Helser Machine Works, Portland, Ore., $9300; Portland Iron Works, Portland, Ore., $9300; Portland Iron Works, Portland, Ore., $9400; Reading Iron Co. Reading, Pa., $9720; Ellicott Machine Corp., Baltimore, $10,770; Schoelhorn-Albrecht Co., St. Louis, $18,850.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, to fur. and del. materials to Navy Yards, as follows; date to open bids noted at close of each paragraph:

Schedule 1900, for eastern and western yards, miscellaneous bar and shot monel metal, March 4.

Schedule 1904, for Mare Island, 6 composition valves, February 26.

Schedule 1907, for Mare Island, 25,000 pounds kapok fibre, March 4.

Schedule 1908, for Mare Island, 46 tube expanders, March 11.

Schedule 1924, for Hampton Roads and Mare Island, tube expanders, March 11.

WASHINGTON, D. C.—Until March 19, 10:30 a. m., bids will be rec. by Purchasing Agent, Panama Canal Commission, under Circular No. 1591, to fur. and del. Balboa (Pacific Port), three 1000-yd. steel dump scows. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

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Manufacturers of Specialties
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OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif. Sealed proposals will be received here until 11 A. M., March 8, 1924, for concrete floor in storehouse at Crissy Field, Calif. Information upon application.

HALLS AND SOCIETY BUILDINGS

HUNTINGTON PARK, L. A. Co., Cal.—James C. Barr, 120 N Pacific Blvd., Huntington Park, has completed plans and will start work soon on a new masonic temple to be erected on S Pacific Blvd.; Huntington Park, for Masonic Bldg. Corp; it will have 2 stores and lobby on first floor, 4 office suites and large hall on second fl. and lodge rooms on third. Reinf. conc. and steel constr., press. brick facing, 3-story, gas furnace htg., aut. elec. toilets, plate glass; $90,000.

LOS ANGELES, Cal.—K. R. Bradley Construction Co., 1925 E 16th St., has been awarded a contract at about $385,000 for all work complete for erecting new bldg. for Odd Fellows Lodge at Washington and Oak Sts; Morgan, Walls & Clements, 1124 Van Nuys Bldg., archts. Dimensions, 104 by 172 ft., 3-story and basement, steel frame, brick walls, cast stone and stucco exterior, comp. rfg., wood flrs., marble and tile work, hardwood and pine trim, oak, pine and cem. flrs., pate glass, steam htg., elevator.

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Most perfect writing instrument made.
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COUNTY and GENERAL AGENTS WANTED
SECURITY SALES CO.
253 MONTGOMERY STREET
San Francisco, Calif.

LODGE BLDG. Cost, $100,000
WOODLAND, Yolo Co., Cal., Bush and College Sts.
Two-story reinforced concrete lodge building.
Owner—Elks Lodge.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

General Contract

Herndon & Furnigan, 1814 17th St., Sacramento	$88,458
Davison & Nicolson, S. F.	82,700
E. L. Younger, Woodland	84,900
W. R. Fait, Woodland	88,400
Campbell Const. Co., Sacramento	88,762
Chas. Mabry, Sacramento	89,780
Frederickson & Shannon, Sacramento	92,342

Plumbing

W. P. Boyce & Son	$6018
Carl T. Doell, Oakland	6173
Latourrette-Fical Co., Sacramento	6330
Hateley & Hateley, Sacramento	6500
W. H. Picard, Oakland	6928

Heating

Scott Co.	$13,610
Oil burner, add $870.	
W. P. Boyce & Son	14,775
Oil burner add $696.	
Carl T. Doell	15,565
Oil burner add $620.	
Thos. J. Kennedy	15,800
Oil burner add $800.	
Hateley & Hateley	15,992
Oil Turner add $745.	
Latourrette-Fical Co.	16,176
Oil burner add $730.	
W. H. Picard	16,300
Oil burner add $879.	

Electrical Work

Geo. C. Foss, Ochsner Bldg., Sacramento	$3750
M. C. Ryan	3790
E. E. Newbery	4600
Latourrette-Fical Co.	4833

Bids were taken under advisement for a week and will in all probability be awarded to the lowest bidders.

ANAHEIM, Orange Co., Cal.—Archt. M. Eugene Durfee, 204 Samuel Kraemer Bldg., is preparing preliminary sketches for a 3-story addition to the Odd Fellows Bldg., according to F. A. Youngbluth, chairman of the bldg. comm. Tentative plans call for an addition, 60x80 ft., of brick constr., with constr. base and steel structure.

SANTA ANA, Orange Co., Cal.—Santa Ana Country Club is receiving blds for the construction of a clubhouse costing approx. $50,000. No definite date for bids has been set. Specifications have been prepared, but no action has been taken. Charles G. Twist, pres. The plans for a modern clubhouse were prepared by Archt. H. Newton Thornton, Hill Bldg., Santa Ana.

BRAWLEY, Imperial Co., Cal.—Odd Fellows Building Assn. is considering the erection of a lodge bldg. at Sixth and E Sts. where the order owns a site. Ernest Edwards, pres. and E. G. Woodhouse, secy-treas.

LOS ANGELES, Cal.—W. H. Ruggles 2684 N Workman St., has completed plans and is taking bids for a 2-story class C lodge bldg. to be erected on the north side of Townsend St. north of 1st St. for Belvedere Lodge No. 326 Knights of Pythias. There will be reception room, kitchen, large lobby, large hall, lodge and mezzanine floor. Two-story, 50x132 ft., basement, brick walls, truss rfg., tile and comp. rfg., steel, hardw., pine and cement flrs., roof ventilators, metal lathing, fire escapes, ornam. iron work, etc.

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MODESTO, Stanislaus Co., Cal—Representatives of patriotic organizations in this city plans construction of a modern lodge building. The following committee has been named to negotiate for a site: H. T. Crow, D. M. Mahan, Eugene H. Lowe and W. H. Mccarton, the latter being city engineer of Modesto.

HOLLYWOOD, L. A. Co., Cal.—Archt. Julia Morgan, San Francisco, is preparing plans for a club bldg., 120x227 ft. to be erected at Lodi Pl. and Lexington Ave., Hollywood, for the Studio Club. A large part of a $150,000 bldg. fund has been raised. The club will sell its present home on Carlos Ave.

SAN JOSE, Cal.—See "Banks, Stores and Offices."

HOSPITALS

PAVILION Cost, $13,000
BERESFORD, San Mateo Co., Cal., County Hospital.
Tubercular pavilion.
Owner—San Mateo County.
Architect—W. H. Toepke, 942 Market St., San Francisco.
Contractor—Fred D. Turner, 212 Anita St., Burlingame.
(48932) 1st report Dec. 22, 1923; 5th Feb. 5, 1924.

Plans Being Figured—Bids Close Mar. 3, 1924, 2 p. m.
HOSPITAL (2nd unit) Cost, $70,000
NEVADA CITY, Nevada Co., Cal.
Two-story reinforced concrete hospital (second unit).
Owner—Nevada County.
Architect—Wm. Mooser, Nevada Bank Bldg., San Francisco.

SAN JOSE, Santa Clara Co., Cal.—Until March 3, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to construct silo at county almshouse at Milpitas. Spec. obtainable from office of clerk. Robt. Chandler, county surveyor.

SAN FRANCISCO—J. E. O'Mara, 218 Clara St., at $2777 submits low bid to Bd. Pub. Wks. to install radiators at nurses' home, San Francisco hospital. Other bids were:

P. J. Enright	$3244
Frank Edwards	3775
Sugarman Heating Co.	3073
Scott Co.	3690
Turner Co.	3140
A. Lettich	4729

SAN DIEGO, San Diego Co., Cal.—McCulloch Co., owner of the McCulloch hospital, has archts. at work on an addition to be erected adjoining the present hospital at 9th and Beach Sts. It will be 3-story and contain 60 beds. Conc. constr; est. cost, $100,000. Officers of the company are: James McCulloch vice pres., and Anna R. McCulloch, secy. and treas.

EUREKA, Humboldt Co., Cal.—Cyclops Iron Works, 837 Folsom St., San Francisco, at $2059.50 awarded contract by county supervisors to fur. and install refrigerating plant in county hospital.

AUBERRY, Fresno Co., Cal.—Grading operations have been started for the proposed health resort and sanitarium to be erected for Dr. M. A. Morrison, 304 Belmont, Fresno. The first unit of the plant will cost $20,000.

BAKERSFIELD, Kern Co., Cal. — Bids will be asked at once by county supervisors to furnish finish hardware for Old Folks Home at county hospital grounds. Chas. Biggar, architect, Bank of Italy Bldg., Bakersfield.

REDWOOD CITY, San Mateo Co., Cal—San Mateo County Supervisors authorize City and County of San Francisco to establish a tubercular sanitarium in the hills west of San Carlos. Buildings to accommodate between 200 and 300 children will be erected, the ultimate expenditure to be $500,000.

HOTELS

Contract Let on Guaranteed Cost Basis.
LODGING HOUSE Cost, $30,000
KLAMATH FALLS, Ore.
Two-story brick stores and lodging house (21 rooms, 4 baths, 5 stores)
Owner—Wm. F. Hopka, Sacramento.
Architect — Frederick S. Harrison, Peoples Bank Bldg., Sacramento.
Contractor—L. E. Hite, Marysville.

Contract Awarded.
ALTERATION Cost, $59,830
SAN FRANCISCO, NE Grant Ave. and Sacramento St.
Alter 3-story brick hotel and store building.
Owner—Kung Wo.
Architect—Sidney B. & Noble Newsom, Nevada Bank Bldg., S. F.
Contractor—W. J. Stevens, 180 Jessie St., San Francisco.
Other bidders were:

Moore & Madsen	$61,245
Magnus Brandt	62,575
Barrett & Hilp	62,975
Fred Moller	65,575
Vukicevich & Bagge	69,500
Fennell & Chrisholm	70,800
I. M. Sommer & Co.	90,000

LOS ANGELES, Cal. — See "Apartments," this issue.

SAN BERNARDINO, San Bernardino Co., Cal.—Roy E. Durbin, owner and mgr. of the California Hotel at Fullerton, is said to be seeking a lease of the proposed new $600,000 hotel bldg. which the Frank C. Patt Inv. Co. plans to build at Fifth and E Sts. Mr. Durbin wants between 125 and 150 rooms.

LOS ANGELES, Cal.—Archt. H. W. Charlton, H. D. Charlton, assoc., 111 E Broadway, Glendale, are preparing preliminary sketches for a 156-room hotel on Boylston S of First St., Los Angeles, for Jos. Rittigstein, est. cost, $250,000. Also a $160,000 apt. house on Third St., bet. Fremont and Beaudry, Los Angeles, for M. C. Marsh.

SAN JACINTO, Riverside Co., Cal.—Archt. John J Frauenfelder, 1116 Story Bldg., is completing plans and will take bids next week for a group of bldgs. to be erected at Soboda Hot Springs, near San Jacinto, for John B. Althouse. There will be a hotel 225 ft. long to contain 100 rooms, large bathhouse and 20 cottages of 2 and 4 rms. each, frame and hollow tile constr., comp. rfg., hardw. fls., gas htg., etc.; $300,000.

SANTA BARBARA, Santa Barbara Co., Cal.—Archt. J. F. Walker, Santa Barbara, has prepared preliminary plans and sketches for a 6-story Spanish type hotel bldg. to be erected on Burton Mound on the old Ambassador Hotel Tract, now being subdivided by Ole Hanson, 517 Pac. Finance Bldg., Los Angeles. The proposed hotel would have a semi-circular front with tower probably 150 ft. high. H. H. Cotton, Walter Leimert, A. C. Blumenthal and Ole Hanson are owners. The hotel site is said to be under consideration by parties who wish to erect a hotel along these lines.

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EUGENE, Ore.—Architect Orlo R. W. Hossack, Worcester Bldg., Portland, has prepared plans for a 4-story and basement rein. concrete hotel to be erected at 10th and Willamette Sts., for A. H. MacDonald, owner of the Rex and Castle Theatres at Eugene, who heads interests to finance the project. Will contain about 165 rooms and cost $300,000.

LOS ANGELES, Cal. — Boyce-Seely Constr. Co., 411 Pac. Finance Bldg., has prepared plans and has the contract to erect a 62-room hotel bldg. on Oak St., bet. Pico and 16th Sts., for Schlan & Trautschold. Dimensions, 43x115 ft., 3-story, frame and plaster constr., comp. rfg., pine trim, tiled baths, water htrs., gas rads; $60,000.

LOS ANGELES, Cal.—Harry Genser, 208 Hibernian Bldg., is preparing plans for a 4-story hotel bldg to be erected on Union Ave. near 7th St., for the Eastern Realty Co. Four-story, 100 by 150 ft., and will contain 160 rooms, 60% tile baths and 40% shower baths, large lobby, dance hall, billiard room, elevator; $250,000.

LOS ANGELES, Cal.—Archt. Leonard L. Jones, 603 Grosse Bldg has completed plans for a 4-story class C hotel bldg. to be erected at 752 S Lake St. for Mrs. Elsie Jouromsky; it will contain about 67 rooms with 100% baths, lobby and billiard room. Brick walls, 4-story and basement, comp. rfg., press brick and terra cotta facing, plate glass, tiled baths and lobby, tile mantel, steam htg., hardwood and pine fls, metal store fronts, etc.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 228 Higgins Bldg., is completing plans for a 4-story class C store and hotel bldg. to be erected at NW cor. of Figueroa and 27th Sts. for J. Wisemtn MacDonald. Winter Construction Co., 200 L. A. Ry. Bldg., will be the contractor. Dimensions, 80x105 ft., four stores, 68 hotel rooms, 50 baths; brick walls, stucco exterior, plate glass windows, steel beams, comp. rfg., fire escapes, pine trim and flrs., tiled baths, htg.; $100,000.

WILLITS, Mendocino Co., Cal.—G. Vancleemcut, owner of the Hotel Willits, has started construction of a three-story brick and steel annex to the present hotel building in Commercial street; will be 46x125 feet. Foundation capable of carrying an additional four stories will be constructed.

LOS ANGELES, Cal.—Archt. Ernest Irving Freese, 4675 Hollywood Blvd., is preparing plans for a 3-story and basement class C workingmen's hotel to be erected at 735 San Julian St., for Tobias Angeloni. Found., 42x113 ft., face brick exter., comp. rf., 60 rooms, 13 baths, fire escapes, lobby, pine fls, comp. bath and toilet fls., gas-steam radiators.

ICE AND COLD STORAGE PLANTS

EUREKA, Humboldt Co., Cal.—Cyclops Iron Works, 837 Folsom St., San Francisco, at $2059.50 awarded contract by county supervisors to fur. and install refrigerating plant in county hospital.

Construction Started.
BUILDINGS Cost, $82,935
VISITACION VALLEY, San Mateo Co.
Reinforced concrete, steel and wood bldgs. for 90-ton artificial ice plant.
Owner—Pacific Fruit Express Co. of the State of Utah.
Contractor—Daniel R. Wagner, Call Bldg., San Francisco.

LOS ANGELES, Cal.—Architect E. J. Borgmeyer, 1003 California Bldg., has revised plans and owners are taking bids for a five-story ice storage building to be erected on Jefferson street, between Main street and Maple Ave., for the Jefferson Ice Co. Five-story, 148x100 ft., reinforced concrete construction. Cost, $95,000.

SEATTLE, Wash.—See "Factories & Warehouses," this Issue.

POWER PLANTS

Plans Completed—To be Done by Day's Work.
SWITCH HOUSE Cost, $23,000
SAN FRANCISCO. E Eighth St. 40 S Mission Street.
Three-story reinforced concrete electric switch house.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—Eng. Dept. of Owner.

LONG BEACH, Cal.—Stone & Webster Constr. Co., Boston, Mass., are preparing plans for a new steam generating electric plant to be erected at Long Beach for the Southern California Edison Co. The new plant will be larger than the present one and will have a capacity of about 70,000 kilowatts. It will be reinf. conc. constr. Stone & Webster have established offices at 516 Byrne Bldg., Los Angeles, but plans for the work at Long Beach are still in a very preliminary stage.

TACOMA, Wash.—Chief Eng. J. L. Stannard, in charge of Lake Cushman power development project for the city of Tacoma, announces bids on the first unit will be asked about March 15. 1st unit will develop 50,000 h.p. and will cost $525,000. Bonds of $4,000,000 have been voted for the project. In addition to the power houses in the Skykomish river valley two large dams will be constructed and a concrete-lined tunnel 2½ miles in length will be driven. The larger of the two dams —the Lake Cushman dam—will be 275 feet high and will contain 86,000 cubic yards of concrete. This dam will raise the waters of Lake Cushman to an elevation of 745 feet above sea level. The ultimate capacity of the Lake Cushman hydro-electric power project will be 140,000 horsepower.

SEATTLE, Wash.—Until Feb. 29, 10 a. m., bids will be rec. by W. D. Freeman, city purchasing agent, to fur. one cast crucible steel cable, $250 ft. long. Construction will be given at time of award for early delivery.

SAN DIEGO, San Diego Co., Cal.—Architect Lincoln Rogers, 533 Spreckels Bldg., has been commissioned to prepare plans for a new auditorium to seat 2500, to be erected at the San Diego senior high school site, 12th St. and Russ Ave. Granite exterior. Cost, $200,000.

LOS ANGELES, Cal.—Until 3 p. m., Feb. 26, bids will be rec. by public service comm., 207 S Bdwy., for (1) 700 throttle fuses mounted in wooden boxes, 50 ampere, 4400 volt; (2) 350 throttle fuses, mounted in wooden boxes, 100 ampere, 6600 volt. Spec. P. A. Adv. No. P-206. Jas. P. Vroman, secretary.

SANTA ROSA, Sonoma Co., Cal. — Pacific Gas and Electric Co., 445 Sutter St., San Francisco, authorized by city council to constr. outdoor transformer sub-station in Ellis St., to cost $50,000.

SAN FRANCISCO — Until March 19, bids will be rec. by Board of Pub. Wks to fur. and del. insulating bus supports for Mocassin Creek Power Plant, Hetch Hetchy Project. Spec. obtainable from Bureau of Engineering, 3rd floor, City Hall, on deposit of $5.

SEATTLE, Wash.—Construction will be started shortly by Puget Sound Light and Power Co., on 45,000 h. p. hydro-electric plant on Baker river river in Skagit county; est. cost $6,000,000. Foundations and approx. 50-ft. of dam are scheduled for completion this year.

LOS ANGELES, Cal. — Bids rec. by public service comm. Feb. 15, for cable were: U. S. Steel Products Co., $1178.38 per 1000 ft.; $45 return on reel. Standard Underground Cable Co., $1374, $45 per reel. Pacific States Elec. Co., $1.80 per ft.; $30 per reel. J. A. Roeblings Sons, $2300 per 1000 ft.; $15 per reel. General Electric Co., $1.41 ft. f. o. b. Schnectedy, N. Y.; Safety Insulated Wire & Cable Co., $1327.20, $30 per reel. Western Electric Co., $1962 per 1000 ft. f. o. b. Yonkers, N. Y.; $22.40 per reel.

PUBLIC BUILDINGS

Plans Being Prepared.
CITY HALL, ETC Cost, $35,000
LEMOORE, Kings Co., Cal.
Two-story city hall and firehouse.
Owner—City of Lemoore.
Architect—Swartz & Ryland, Rowell Bldg, Fresno.

Contract Awarded.
AUDITORIUM $167,000 approx
MARYSVILLE, Yuba Co., Cal., E St., bet. 8th and 9th.
Two-story reinforced concrete and steel memorial auditorium.
Owner—Mrs. Phebe Rideout, for the County of Yuba.
Architect — Miss Julia Morgan, Merchants Exchange Bldg., S. F.
Contractor — I. C. Evans, 802 E St., Marysville.
The funds advanced will be returned by the county, the payments to extend over a period of years.

SAN FRANCISCO—Board of Supervisors will shortly authorize Bd. of Pub. Wks. to enter into contract to complete two stories and basement of structure in north side of Mint Ave. bet. 5th and 6th Sts., for fire dept. truck house and assistant chief's headquarters. Plans have been approved by the Fire Commission.

OAKLAND, Cal.—Until Feb. 28, 12 M., bids will be rec. by E. K. Sturgis, city clerk, to erect one-story brick fire engine house at corner of Foothill Blvd. and Trenor St. Bond of 25% of contract price will be required of successful bidder. Plans obtainable from clerk.

SAN BENARDINO, San Benardino Co., Cal.—No bids were rec. Feb. 11 for constructing addition to the county house as the supervisors had instructed bidders to withhold their bids as general sentiment favors a new bldg., bonds for which will probably be voted on at the next general election. The total sum required for the bldg. proposed will be about $500,000. Howard E. Jones, 405 Katz Bldg., was the archt who prepared the plans for the additions and remodeling of the present building.

VENICE, L. A. Co., Cal.—Plans prepared by Archt. D. D. Smith for the new municipal auditorium have been approved by the city trustees. The design calls for a Venetian renaissance bldg. to seat 2000, with an outdoor band plaza with seating arrangements for 4000. A bond issue for $150,000 or $200,000 will be submitted to the citizens shortly. The proposed bldg. is 200x90 approx. 2 sto. in height, including stage and balconies. Class A reinf. conc. constr., shell pink scintillating plaster exter., ivory terra cotta trim, copper paneled rf. with copper marquise over band stand.

LOS ANGELES, Cal.—McKay Engineering Co., 405 L. A. Ry. Bldg., submitted low bid to county supervisors Feb. 18, at $31,143 for constructing foundation for unit 1 of the Southwest Museum Bldg., Exposition Park; time limit, 90 days. Other bids were: Union Constr. Co., San Francisco, $31,900, 60 days; J. T. Thorpe & Son, inc., $33,070, 48 days; John Simpson & Co., $33,180 80 days; H. H. Hinds, $33,890, 60 days; United Bldg. & Finance Co., $34,650, 65 days; Lange & Bergstrom, Inc., $35,690 60 days; Marko Matick, $39200, 75 days; Neal Woods, $49,000, 50 days; Johnson Engr. & Constr. Co., $52,847, 110 days; J. A. Harmon, $57,470, 100 wkg. days; Parker Bros., $60,000, 120 wkg. days; G. Hanson, $65,331, 100 days; J. A. Hill Constr. Co., $72,800; 125 days.

BAKERSFIELD, Kern Co., Cal. — County supervisors petitioned to erect branch library building at McKittrick. Taken under advisement.

RESIDENCES

Segregated Figures Being Taken—Bids Close Feb. 23, 1924.
BUNGALOWS Cost, $150,000
CAPITOLA, Santa Clara Co., Cal.
46 1-sto. frame bungalows (Bungalow Court)
Owner—Roth Realty Co., Capitola, Cal.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Contract Awarded.
RESIDENCE Cost, $15,420
OAKLAND, Alameda Co., Cal., Lot 1 Blk 6, Lakemont.
Two-story and basement frame and stucco residence.
Owner—H. J. Kaiser, American Bank Bldg., Oakland.
Architect—Schirmer-Bugbee Co, Thayer Bldg., Oakland.
Contractor — Fred J. Westlund, 2211 10th Ave., Oakland.

Plans Being Figured—Bids Close Feb. 25, 1924.
COTTAGE Cost, $9000
SAN JOSE, Santa Clara Co., Cal.
One-story frame and stucco cottage with tile roof.
Owner—Louis Cairaud.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.

Plans Being Prepared.
RESIDENCE Cost, $10,000
CARMEL HIGHLANDS, Monterey Co.
Two-story frame country residence.
Owner—Mrs. Caroline Hollis.
Architect—W. H. Ratcliffe, Jr., Mercantile Trust Bldg., Berkeley.

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100% Mechanical Key.
Plaster Wall Board
(Patent applied for)
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CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

Plans Being Prepared.
RESIDENCE Cost, $17,000
BERKELEY, Virginia St.
Two-story and basement frame and stucco residence.
Owner—R. L. Sherman.
Architect—E. W. Cannon, Cent. Bank Bldg., Oakland.

Figures To Be Taken In a Few Days.
RESIDENCE Cost, $12,000
SAN FRANCISCO, Forest Hill.
Two-story and basement frame and stucco residence.
Owner—W. H. Crook.
Architect—E. E. Young, 2002 California St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Cal.
Two-story frame and stucco residence with shingle roof.
Owner—A. J. Field.
Architect—Birge M. Clark, 600 Embarcadero, Palo Alto.

Plans Being Figured.
RESIDENCE Cost, $17,000
BERKELEY, Spring Street.
Two-story frame and stucco residence with tile roof.
Owner—M. R. Dempster.
Architect—W. H. Ratcliff, Mercantile Bank Bldg., Berkeley.

Contract Awarded.
RESIDENCE Cost, $11,420
PIEDMONT, Bellrose Ave.
Two-story and basement frame residence and garage.
Owner—A. H. Halloran.
Architect—W. H. Ratcliff, Jr., Mercantile Trust Bldg., Berkeley.
Contractor — Connor & Connor, 1726 Grove St., Berkeley.
Walter Sorenson submitted the next lowest bid at $11,996.

Figures To Be Taken In Ten Days.
PARISH HOUSE Cost, $18,000
BERKELEY, Cal., Cedar and Spruce Streets.
Two-story 6-room Parish house.
Owner—All Soul's Episcopal Church, Cedar and Spruce Sts., Berkeley.
Architect—W. H. Ratcliff, Mercantile Trust Bldg., Berkeley.

Contract Awarded.
RESIDENCE Cost, Approx. $25,000
PIEDMONT, Alameda Co., Cal.
Two-story frame and plaster residence (10 rooms).
Owner—Fritz Henshaw, Oakland.
Architect—Sidney B. and Noble Newsom, Nevada Bank Bldg., S. F.
Contractor—F. C. Stolte, 3455 Laguna St., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $16,000
SACRAMENTO, Cal., 45th St.
Two-story frame and stucco residence with tile roof.
Owner—John Clauss Jr.
Architect—Hemmings & Starks, Ochsner Bldg., Sacramento.
Plans to be ready for figures in two months.

Plans Being Prepared.
RESIDENCE Cost, $16,000
SAN FRANCISCO, Pacific Ave. near Fillmore.
Two-story and basement frame and stucco residence with roof (7 rms., 3 baths and garage).
Owner—W. Thompson.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.

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Res. 4201 Mission St.
Phone Randolph 5982

Plans Being Prepared.
RESIDENCE Cost, $13,000
SAN FRANCISCO, St. Francis Wood.
Two-story and basement frame and stucco residence with tile roof.
Owner—Withheld.
Architect—Albert Fabre and E Hildebrand, 110 Sutter St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $15,000
SAN FRANCISCO, Sea Cliff.
Two-story and basement frame and stucco residence with tile roof.
Owner—Norman Elsner.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Figures are being taken for a general contract.

Low Bidders.
RESIDENCE Cost, $20,000
SAN FRANCISCO, St. Francis Wood.
Two-story and basement frame and stucco residence with tile roof.
Owner—Dr. Lloyd Bryan.
Architect — Jos. L. Stewart, Claus Spreckels Bldg., San Francisco.
M. C. Ingraham, 460 Duboce Ave., submitted the lowest bid at $24,990. The second lowest bid was submitted by Mangels Bros. at $25,265.

AUBURN, Placer Co., Cal.—Until March 4, 10 A. M., bids will be rec. by A. S. Fleming, County Clerk, to erect cottage building at county hospital grounds. W. H. Weeks, architect, 369 Pine St., San Francisco. Cert. check 10% req. Plans obtainable from architect or clerk.

SCHOOLS

All Bids Rejected—Plans To Be Revised.
SCHOOLS Cost, $100,000
SALINAS, Monterey Co., Cal., Maple & California Sts. & Central Ave. and Capitol St.
Two one-story concrete school bldgs.
Owner—Salinas School District.
Architect—John J. Donovan and Davis-Heller-Pearce Co., Delta Bldg., Stockton, associated.
The following are the lowest bidders on the original:
H. R. Sherman, 528 Chapman St., San Jose $133,655
Fred H. Betz, Ochsner Bldg, Sacramento 132,944
Sample & Cody, S. F..... 136,400

Bonds Voted—Working Drawings Being Prepared.
GYMNASIUM Cost, $125,000
POMONA, L. A. Co., cal.
Two-story brick gymnasium and manuel arts, bleachers, etc.
Owner—Pomona High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco and Robt. H. Orr, 1305 Corporation Bldg., L. A., associated.

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LOS ANGELES

Plans Being Figured—Bids Close Mar. 3, 8 p. m.
SCHOOL Cost, $150,000
PIEDMONT, Alameda Co., Cal.
One and 2-story reinforced concrete, Junior High School.
Owner—Piedmont School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Segregated bids are desired for (1) excavating, grading and concrete work; (2) terrazzo and tile work; (3) mason work; (4) carpenter work; (5) glass and glazing; (6) blackboards; (7) finish hardware; (8) lathing and plastering; (9) composition roofs; (10) terra cotta and tile roof; (11) electrical work; (12) plumbing; (13) sheet metal work; (14) painting; (15) heating; (16) window shades; (17) cork carpets; (18) linoleum. **See call for bids under official proposal section in this issue.**

Plans Complete — Bids To Be Called For Immediately.
SCHOOL Cost, $180,000
COLMA, San Mateo Co., Cal.
One and 2-story 15-room and audltorium reinforced concrete school building.
Owner—Jefferson Union High School District.
Architect—W. H. Weeks, 369 Pine St. San Francisco.

New Bids To Be Called For In About Ten Days.
SCHOOL Cost, $92,000
OAKLAND, Alameda Co., Cal., Hawthorne School site, E 17th St. and 29th Ave.
Two-story reinforced concrete school 9 rooms, auditorium and principals office.
Owner—City of Oakland.
Architect — John J. Donovan, 1916 Broadway, Oakland.
Slight changes have been made in the plans. Alfred Olson, 351 12th St., Oakland submitted the lowest bid on Jan. 14th at $104,767; alternates, (1) $207 add, (2) $3450 add, (3) $1559 add, (4) $400 ded.

Contracts Let.
SCHOOL Cost, $85,000
REEDLEY, Fresno Co., Cal.
One-story reinforced concrete, brick and frame school (6 classrooms, auditorium).
Owner — Reedley Elementary School District.
Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.
Following contracts awarded.
General construction, concrete work, carpenter work and mill work to Jolly & Jolly, Fresno.
Brickwork to Fred Smith, Fresno.
Structural steel, ornamental and miscellaneous iron to Kyle & Company, Fresno.
Tile roofs to J. A. Drummond, San Francisco.
Plumbing and sheet metal work to J. Besaw Brothers, Reedley.
Steam heating to B. A. Newman Company, Fresno.
Lathing and plastering to Leo Judge, Dinuba.
Painting to Max Bennett, Dinuba.
Electric work to Electric Construction Co., Fresno.
Lighting Fixtures to Valley Electric Supply Company, Fresno.
Program clocks to Pacific Time Clock Co., San Francisco.

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ins Being Figured—Bids Close Mar. 1, 1924, 1 p. m.
HOOL Cost, $60,000
VARADO, Alameda Co., Cal.
e-story hollow tile school (16 rooms and an auditorium).
ner — Alvarado Grammar School District.
chitect — Henry H. Meyers, Kohl Bldg., San Francisco.
Figures are being taken as follows:
General contract.
Plumbing.
Heating.
Electrical work.
See call for bids under Official Proposals," this issue.

ins Being Figured—Bids Close Mar. 18, 1924, 8 P. M.
HOOL Cost, $180,000
LMA, San Mateo Co., Cal.
e and two-story 15-room and auditorium reinforced concrete school building.
ner—Jefferson Union High School District.
chitect—W. H. Weeks, 369 Pine St., San Francisco.
Figures are being taken as follows:
General contract.
Plumbing.
Electrical work.
Slate blackboards.
Window shades.
Linoleum.
Special fixtures and furniture.
Plans may be obtained from the architect's office.

ins Being Figured.
BRARY BLDG. Cost $100,000
First unit.
RKELEY, Alameda Co., Cal.
ss A reinf. concrete library bldg. with Indiana limestone facing and slate roof.
ner—Pacific School of Religion.
chitect—Wm. H. Ratcliff Jr., Mercantile Trust Bldg., Berkeley.
Figures are being taken as follows:
Carpentry.
Electrical work.
Steam heating plant.
Linoleum.
Painting.
Plastering.
Plumbing.
Sheet metal work.
Slate roof.
Book stacks.
Steel sash.
Stone and brick work.
Tile.

Plans Being Prepared.
SCHOOL Cost, $50,000
FRESNO, Fresno Co., Cal.
Two-story (8-room) school.
Owner—City of Fresno.
Architect—Swartz & Ryland, Rowell Bldg., Fresno.

SALINAS, Monterey Co., Cal.—The Board of Trustees of the Salinas School District opened bids on February 18th, for the construction of two one-story concrete school buildings to be known as the "Lincoln" and "Roosevelt" Schools. Plans were prepared by Architects J. J. Donovan, Tapscott Bldg., Oakland, and Davis-Heller-Pearce Co., Delta Bldg, Stockton, associated. Bids were taken under advisement.

H. R. Sherman, 528 Chapman street, San Jose, is the lowest bidder on the alternate propositions and Fred H. Betz, Oschner Bldg., Sacramento, submitted the lowest figures on the original bid. Following is a complete list of the bids received:

H. R. Sherman, 528 Chapman St. San Jose $133,655
Fred H. Betz, Ochsner Bldg., Sacramento 132,944
Sample & Cody, San Francisco. 136,400
J. Shepherd, Stockton..... 136,643
John Branagh, Oakland..... 141,220
Herndon & Flanigan, Sacto... 142,645
Fred Carlsen, Salinas..... 148,988
Trobock & Cress, S. F..... 160,000
R. W. Littlefield, Oakland.... 151,600
West Coast Constr. Co, S. F... 163,236

LOS ANGELES, Cal.—J. S. Metzger & Son, 1007 S Grand Ave. were low bidders at $52,925 on the general contract for erecting a new gymnasium bldg. at Jefferson high school site; Norman F. Marsh, archt. Low bidders on other contracts were: G. C. Sutton on plumbing at $6470; A. J. Smithers on heating at $4180; R. E. Swan on painting at $1620, and H. H. Walker on wiring at $1340.

SAN DIEGO, San Diego Co., Cal.—Archt. William Wheeler, 338 Spreckels Bldg., has been selected by the board of education to design the new Emerson school addition.

SAN DIEGO, San Diego Co., Cal.—T. C. Kistner Co., archts., 616 Pantages Theatre Bldg. and 573 Spreckles Bldg., San Diego, has been commissioned to prepare plans for a new junior high school bldg. at the Woodrow Wilson junior high school site at East San Diego for the San Diego Board of Education. It will have hollow tile walls, 2-story and basement, tile and comp. rfg.; $300,000.

SAN DIEGO, San Diego Co., Cal.—Archt. Eugene Hoffman, 408 Spreckels Bldg., has been commissioned by board of education to design the proposed auditorium for the Florence school at Mission Hills.

SAN DIEGO, San Diego Co., Cal.—Archts. Requa & Jackson, 614 B St., have been commissioned by board of education to prepare plans for a 12-classroom elementary school bldg at Redwood and Felton Sts.; hollow tile and comp rfg.; about $150,000.

SAN DIEGO, San Diego Co., Cal.—Archt. Louis J. Gill, 221 Owl Bldg., has been commissioned to prepare plans for the La Jolla elementary school addition.

SAN DIEGO, San Diego Co., Cal.—Architect Edwin T. Banning, San Diego, has been commissioned by the Board of Education to prepare plans for the Point Loma junior high school. Cost about, $100,000.

SAN DIEGO, San Diego Co., Cal.—Architect W. Templeton Johnson, 502 Timkin Bldg., has been commissioned to prepare plans for the La Jolla high school addition; hollow tile and plaster Cost, $250,000.

SACRAMENTO, Cal.—Until March 3, 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education, to level, grade and fill that portion of site south of Wing B and gymnasium and west of Domestic Science Building at New High School grounds, comprising approx. 74,000 sq. ft. Cert. check 10% payable to Bd. of Educ. req. Spec. obtainable from Business Mgr. of Bd. of Educ., Administration Bldg., 21st and L Sts.

SACRAMENTO, Cal.—Until March 3, 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education, to fur. lumber f. o. b. Sacramento. Cert. check 10% payable to Board of Educ. req. with each bid. Spec. obtainable from Business Manager of Bd. of Educ, Administration Bldg., 21st and L Sts.

15

LONG BEACH, L. A. Co., Cal—Hodge & McMakin, 2300 La Salle St., Los Angeles, have the contract to erect the new $50,000 school bldg. The bldg. will be 2-story, 26x128 ft., containing 8 rms. Brick with tile rf. John and Donald B. Parkinson, 420 Title Insurance Bldg., archts. Mr. Scott, secy. of the Long Beach board of education, is superintending the construction. Bldg. will be ready June 1. Two bungalows will also be erected.

SAN FRANCISCO—Until March 5 ,3 p. m., bids will be rec. by Bd. Pub. Wks to fur. and install chairs in Horace Mann school, in Valencia St., bet. 23rd and 24th Sts., est. cost $800. Spec. obtainable from Bureau of Architect, 2nd floor, City Hall.

SAN FRANCISCO—D. N. & E. Walter, 562 Mission St., at $1158 submits low bid to Bd. Pub. Wks. to fur. and install window and door shades in Horace Mann School. W. & J. Sloane Co., only other bidder at $1350.

Working Drawings Being Prepared.
SCHOOL Cost, $17,000
MARTINEZ, Contra Costa Co., Cal.
Hollow tile or concrete block school.
Owner — Orinda Union High School District.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

SAN FRANCISCO—F. W. Wentworth & Co., 39 2nd St., at $762.32 submits low bid to Bd. Pub. Wks. to fur. and install chairs in Pacific Heights school. C. F. Weber Co., at $777.92 only other bidder.

LOS ANGELES, Cal. — Salih Bros., Detw ler Bldg., were awarded the general contract at $51,044 for constructing a new bldg. at Alexandria Ave. school site; Loy L. Smith, 218 Byrne Bldg., archt. Other contracts were awarded as follows: Plumbing to G. C. Sutton at $3491; painting to R. Rasmussen at $2200; and heating to Western Engr. & Constr. Co. at $4940. The bids for wiring were held under advisement.

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SAN BERNARDINO, Cal. — Until April 1, bids will be rec. by board of education to erect new Junior high school bldg., est. cost $225,000. Archt. Howard E. Jones, 405 Katz Bldg., is preparing working drawings for the contractors so that contractors can have the plans by March 15. The bldg. will be of modified Spanish architecture. Two-story, 225x220 ft., L-shaped, containing 39 rooms, kitchen, library, 25x82 ft., elementary and domestic science rooms, offices, etc. Reinf. conc. constr., tile rf; four fireproof stairways; seven exits, etc. Toilets for both sexes on both floors.

LOS ANGELES, Cal.—Archt. Harold Cross., 905 Merchants Nat. Bank Bldg., is completing plans for a bible college bldg. to be erected on Echo Dr., Highland Park, for the Southern California Bible College. It will contain 100 dormitory rooms, kitchen, dining room, laundry, study rooms, etc. Frame and plaster constr., 3-story and basement, comp. rfg., hardwd., tile and cement fls., pine trim, steam htg. sys., metal laht; $100,000. Bids to be taken next week.

LONG BEACH, Los Angeles Co., Cal. —Parker O. Wright and Frances H. Gentry, architect and engineer, 315 Marine Bank Bldg., Long Beach, have been commissioned to prepare plans for a $110,000 10-room additional unit to be erected at the Burnett school grounds, Long Beach.

LOS ANGELES, Cal.—W. Horace Austin, 521 Pacific Southwest Bldg., Long Beach, and John C. Austin, Detwiler Bldg., L. A., associate, architects, have been commissioned to prepare plans for a six-clasroom addition to be erected at the Roosevelt school site, Long Beach.

LONG BEACH—Architect H. L. Gogerty, 239 E. Broadway, Long Beach, and Engr. George D. Roalfe, 810 Horne Bldg., Long Beach, associated, have been commissioned to prepare plans for a $50,000 additional unit to the part time department at Polytechnic high school, Long Beach. Spanish type, brick construction, tile roof.

LONG BEACH, Los Angeles Co., Cal. —H. L. Gogerty, 239 E Broadway, Long Beach, and Noerenberg & Johnson, L. A. Railway Bldg., Los Angeles, asoc. architects, have been commissioned by the Long Beach Board of Education to prepare plans for a $200,000 additional unit to be erected at the Edison school site, 6th St and Maine Ave., Long Beach. Eighteen classrooms, brick construction, corridor floors and walls, stucco exterior.

SANTA BARBARA, Santa Barbara Co., Cal.—Plans are being prepared for a 2-story bldg. to house the mechanical courses to be erected at the State Teachers' College near the Mission Ridge Rd. The bldg. will be 41x90 ft. Final plans have not yet been approved by the state board of education. Other work projected is the landscaping of the grounds at the rear of the institution. Ralph Kinton Stevens has charge of this work.

DENAIR, Stanislaus Co., Cal.—Until March 3, 12 M., bids will be rec. by H. O. Perry, Clerk, Denair Union High School District, to fur. and del.:

One Norfield No 1 Variety Saw with full equipment, or one equally as good. Equipment should include one 16-in. cross cut saw; one 16-in. rip saw. (Bids should be made with and without motor). One hollow chisel motrising and boring attachment; one ¼-in. and one 5/16-in. and one ⅜-in hollow chisel and bit. One Huther 10-in. dia. Dado Head seat No. 4 or one equally as good, to cut grooves up to 1-in. by sixteenths. Further information obtainable from clerk.

MERCED, Merced Co., Cal.—Until March 6, 7:30 P. M., bids will be rec. by Merced Union High School District, H. K. Landram, Clerk, to fur. and install seats, stage scenery and equipment for Auditorium high school annex. Allison & Allison, architects, Hibernian Bldg., Los Angeles. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—The board of education has authorized its architectural department to prepare plans for a 12-unit building to be erected at the Ninth St. school site. It will be of brick construction and will cost $84,000.

BANKS, STORES & OFFICES

Bids Being Taken For General Contract, Plastering, Masonry & Light Fixtures.
OFFICE BLDG. Cost, $1,500,000
SAN FRANCISCO, SE Market & Beale Streets.
Seventeen-story and basement class A brick, steel and concrete office building.
Owner—Pacific Gas & Electric Co.
Architect — Bakewell and Brown, 251 Kearny St., San Francisco.
Consulting Engineer — C. H. Snyder.
Consulting Mechanical Engineer — Hunter & Hunter.
Figures are now being taken by Mr. Mahoney of the P. G. & E. Purchasing Department for the light fixtures to be opened on March 10th. General contract bids to be opened March 8th; plastering, lathing and furring, and the masonry to be opened March 5th.
Sidewalk lights and elevator doors awarded to P. H. Jackson Co.

Plans Being Figured—Bids Close Feb. 28, 1924.
ALTERATION Cost, $10,000
SAN JOSE, Santa Clara Co., Cal., Market and St. John.
Alter store and offices.
Owner—Blaze Bros.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.

Sheet Metal, Glass, Marble and Tile Bids Being Taken.
ALTERATION Cost, $25,000
OAKLAND, Alameda Co., Cal., Broadway, Franklin and Hobart Sts.
Alter 2-story class C store bldg.
Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Preliminary Plans Complete.
SCHOOL Cost, $—
SAN JOSE, Santa Clara Co., Cal.
Fireproof high school (size and type of construction not decided).
Owner—San Jose Junior High School District.
Architect—W. H. Weeks, 369 Pine St., S. F., and Binder & Curtis, 255" S 1st St., San Jose.
Working drawings will be started next week.
Bonds to the amount of $750,000 have been voted.

Contracts Awarded.
DANCE HALL & STORE $250,000
SAN FRANCISCO, SW Market and 9th Streets.
Four-story class B dance hall, office and store building.
Owner—Trowbridge & Perkins.
Architect—E. E. Young, 2002 California St., San Francisco.
Concrete work awarded to Pioneer Concrete Co.
Grading to H. N. McCluré, 608 Octavia.
Structural steel to Herrick Iron Works 18th and Campbell St., Oakland.
Plumbing to H. Ernst & Son 633 Hayes Street.
Reinforcing steel to W. S. Wetenhall, 16th and Wisconsin Sts.
Painting to Maundrell & Bowen, 320 Hayes St., San Francisco.

Plans Complete — Contractor Taking Steel Bids.
OFFICE BLDG. Cost, $1,250,000
SAN FRANCISCO, NE Post and Mason streets.
Fifteen-story class A Physicians and Dentists Office Bldg.
Owner—Medico-Dental Building Cptn.
Architect—Geo. Wm. Kelham, Sharon Bldg., San Francisco.
Engineer—H. J. Brunnier, Sharon Bldg San Francisco.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco.

Plans Being Figured.
ALTERATIONS Cost, $10,000
SACRAMENTO, Cal. No. 1015 to 1029 K Street.
Alter stores.
Owner—R. T. Lyons.
Architect—Woollett & Lamb, Mull Bldg., Sacramento

Bids Under Advisement.
BANK & THEATRE Cost, $—
DELANO, Kern Co., Cal.
Class A brick and terra cotta bank an theatre.
Owner—Growers' Security Bank, De lano, Calif.
Architect—Chas. H. Biggar, Bank o Italy Bldg., Bakersfield.
Louis Sorenson, Bakersfield....$47,79
Currie & Dulgar, Bakersfield.. 54,00
Henry Eissler, Bakersfield.... 53,00
William G. Reed, Bakersfield.. 51,87
August Zimmerman, Bakersfield 53,20
Wm. Eissler, Bakersfield..... 54,38
Fisher & McNulty, Fresno..... 57,18
Frederickson & Shannon, Fresno 52,21
Graham & Son, Dinuba 50,00
Templeton Bros., Porterville.... 51,98

Plans Being Prepared.
STORE BLDG. Cost, $15,00
SACRAMENTO, Cal., 3rd Ave. and Oa Park.
One-story concrete and brick stor building.
Owner—Lewis Estate Co.
Lessee—Skaggs Grocery.
Architect—Hemmings & Starks, Ochs ner Bldg., Sacramento.
Plans to be ready for figures in tw months.

Contract Awarded.
STORE BLDG Cost, $35,00
EUREKA, Humboldt Co., Cal., corne 4th and G Sts.
One-story frame store bldg. (6 stores
Owner—Daly Bros., Eureka.
Architect—Wm. H. Crim Jr. and Ham ilton Murdock, 425 Kearny St., Sa Francisco.
Contractor — Louis Halvorsen, 2036 St., Eureka.

'Contract Awarded.
STORES Cost, $13,97
OAKLAND, SE 23rd and Valley Sts.
One-story brick stores.
Owner—R. E. McMann, 730 Thornhi Rd., Oakland.
Architect — C. N. Burrell, America Bank Bldg., Oakland.
Contractor—A. J. McPhee, 2144 E-27t St., Oakland.

Contractor Taking Sub-Figures.
STORE, ETC. Cost, $45,00
OAKLAND, Alameda Co., Cal. S Broadway and 21st Street.
Two-story brick store and office bldg.
Owner—Mandel Goldwater.
Architect—None
Contractor—Fred A. Muller, Syndicat Bldg., Oakland.
The brick work is being done by W J. Baccus, 351 12th St., Oakland.

Contractors Taking Structural Stee Bids.
OFFICE BLDG. $2,500,000 appro
SAN FRANCISCO. New Montgomer and Minna Streets.
Twenty-six-story Class A steel and re inforced concrete office buildin with terra cotta exterior.
Owner—Pacific Telephone & Telegrap Company.
Architect — Miller & Pflueger, Assoc ated with A. A. Cantin, Foxcro Bldg., San Francisco.
Contractor — Lindgren-Swinerton Co Inc., Standard Oil Bldg., S. F.

LOS ANGELES, Cal.—Archt. Everet H. Merrill, 3081 W. 6th St., is preparin preliminary drawings for a $125,00 4-story Class C store and office build ing to be erected in the Wilshire dis trict, owner's name withheld. Seve stores, 51 offices. Brick walls, stucc exterior, art stone trim, lobby, stea heat, automatic electric elevator.

LOS ANGELES, Cal.—Archt. Everet H. Merrill, 3081 W 6th St., has pre pared plans for an $85,000 2-story clas C shop and studio bldg. to be erecte on W 7th St. by the Preston S. Wrigl Co. for the firm. Brick walls, stucc exter., tile rf., cem. fls., stone trim.

PORTLAND, Ore—Architects Hough taling & Dougan, Gearin Bldg., hav completed plans for 6-story and base mênt rein. concrete physicians an dentists building. Location of struc ture withheld until negotiations ar completed; est. cost $725,000. Dr. A drew C. Smith, Dr. J. P. Tamiesie, D C. J. Smith and Dr. F. H. Walgamo D. M. D., are members of the buildin committee.

LOS ANGELES, Cal.—Otis Elevator , was awarded a contract at about ,000 for installing two new passen- r elevators and for moving and re- ilding six service elevators in the ay Department store building. Bids e now being taken for new cabs for ree passenger and five freight eleva- rs and for elevator doors, operating vice and signal system.

LOS ANGELES, Cal.—Archts. Walk- & Eisen, 330 Pac. Finance Bldg., are eparing plans for a 13-story and sement class A store and office bldg. be erected at s.w. cor. of 6th St. d Grand Ave., for Godfrey Edwards d Assoc. Dimensions, 95x116 ft., ores in first story, 22 offices in each the upper stories; reinf. conc. frame , and roof, brick filler walls, terra tta facing, plate glass, marble and e work, hardwd. trim, 3 elevators, eam htg., vacuum cleaning.

GARDENA, L. A. Co., Cal.—Archts. chard D. King, 519 Van Nuys Bldg., d Frank Goodwin, Compton, assoc., e preparing plans for a bank and of- ce bldg. to be erected at Gardena, for e First National Bank of Gardena; ere will be offices on the 2nd floor ith banking space on the first. Brick alls, 2-story and basement, 50x80 ft., ess. brick and terra cotta facing, mp. rfg., cement and hardwood fls., ate glass, strnc. steel, steel sash, s htg., metal skylights.

SANTA BARBARA; Santa Barbara o., Cal.—Alexander MacKellar, 112 Sola St., has the contract to erect n office and laboratory bldg. at 1209 e La Vina St. for Dr. A. P. Ousdal, 201 De La Vina St. The bldg. will be -story and cost $60,000.

LOS ANGELES, Cal.—The Los An- eles Pressed Brick Co. has the con- ract for the terra cotta work and the aymond Granite Co. has the contract or the art stone work for the 12-story Class A bank and office building to be rected at Pine Ave. and First St., ong Beach, for the Security Trust & avings Bank. Curlett & Beelman and Wright & Gentry are the architects nd engineers.

THEATRES

DELANO, Kern Co., Cal.—See "Banks Stores and Offices," this issue. Bids opened for bank and theatre building.

WHARVES AND DOCKS

LOS ANGELES, Cal.—Bids will be called at once to const. transit sheds at berths 177 and 178, Mormon Island. Est. cost, $194,000. J. W. Ludlow, harbor engineer.

SAN DIEGO, Cal.—City harbor commission proposes bond issue for $500,000 to complete municipal pier No. 2 and for the construction of a $200,000 warehouse on the pier.

MISCELLANEOUS BUILDING CONSTRUCTION

SAN FRANCISCO—Mayor Jas. Rolph, Jr., recommends to Board of Supervisors a $200,000 appropriation to finance construction of two fountains in the Civic Center.

SACRAMENTO, Cal.—B. S. Berry, 110 Sutter St., San Francisco, has purchased the property on the northwest corner of Eighth and L streets in Sacramento, 110x100 feet, and plans to improve it with a high class building.

Baumann & Jose, 251 Kearny street, San Francisco, have prepared plans for an apartment building to be erected on 12th and L streets by Mr. Berry.

COVINA, L. A. Co., Cal.—A finance committee has been selected by the board of managers of the David and Margaret Home to plan a campaign for $125,000 for building a children's home building. Mrs. Flora Rice is supt. of the home.

SAN JOSE, Santa Clara Co., Cal. — Until March 3, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to construct silo at county almshouse at Milpitas. Spec. obtainable from office of clerk. Robt. Chandler, county surveyor.

Bids To Be Asked Shortly — To Be Opened March 12th.

BUILDING Total Cost, $200,000

TURLOCK, Stanislaus Co., Cal., Lander Avenue.

First unit brick or reinforced concrete Home Building.

Owner—Swedish Old People's Home.

Architect—G. N. Hilburn, Turlock.

The directors of the home are Rev. Paul Rood, C. A. Nelson, Claus Johnson, Turlock; N. M. Nielson, Escalon; O. P. Anderson, Hilmar; H. E. Nordquist, Patterson; Emil Peterson, Fresno; Carl Anderson and C. F. Sandstrom Kingsburg.

SAN JOSE, Santa Clara Co., Cal. — Until March 3, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to erect silo at county almshouse. To be Monro, 12-ft. dia. by 36-ft. elevation, built on 2x6-O.P. silo stock; foundation concrete 1 to 6 mix, 1-ft. thick under walls and not less than 4-in. in center; anchored with cross ⅝-in. galv cable with anchor rods on 4 sides, including feed chute. Robert Chandler, county surveyor.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from the Domestic and Foreign Trade Bureau of the Chamber of Commerce, Merchants Exchange Bldg., San Francisco:

D-1078—New York, N. Y. Firm would like to communicate with dealers and consumers of turpentine.

D-1079—St. Louis, Mo. Concern interested in communicating with brass foundries that specialize in or would like to better fit themselves for the sale and manufacture of journal bearings for cars and locomotives.

D-1080—Deer Lodge, Mont. Gentleman has large quantity of new parts for automobiles and trucks for sale.

D-1081—New York, N. Y. Manufacturers of opalescent glass anxious to establish an agency here.

D-1083 — Larkinsville, Ala. Gentleman would like to get in touch with manufacturers of pad locks and sash locks.

D-1084 — New York, N. Y. Eastern firm is desirous of acting as selling agents in Eastern and Middle Western territory for manufacturers of select lines, particularly building supplies, hardware, automobile accessories and household equipment.

7881—Shanghai, China. Trading company desires to represent San Francisco firms and undertake development of market on consignment basis for leather, cutlery, cement, roofing and similar commodities. Reference given.

7891—Shanghai, China. Importer desires to buy potash, ammonium sulphate, sodium nitrate, and phosphate rock, and wants quotations c. i. f. Shanghai with samples if possible.

7897—Smyrna, Turkey. Trading firm desires to represent San Francisco exporters in Asia Minor. References are given.

7905—Mexico, D. F. Commission merchants, stating that they have contacts throughout the republic, desire to represent San Francisco exporters.

7907—Los Angeles, Cal. Representative of Shanghai import and export house is in market to purchase railroad supplies, boilers and electrical accessries.

Works Manager, experienced in sheet metal and light structural steel products, heating and ventilating systems, irrigation products, etc. Able organizer of plant and employees; cost and shop systems, best of references. Member of Amer. Soc. of Mechanical Engineers and at present connected financially as superintendent of plant but want to make change. Will invest if satisfactory proposition is advanced. Address AAA, Building and Engineering News.

SUBSCRIPTION BLANK

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.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Leads for Business

ADVERTISING — Novelty Advertising Co., 112 Market.
G. S. Daniels, Hearst Bldg.
ARCHITECTS—M. T. Jorgensen, Am. Bank Bldg. to French Bank Bldg.
C. S. McNally, 661 Golden Gate Ave.
ATTORNEYS—G. J. Hutfield, 1 Montgomery to Chancery Bldg.
Wm. Klein, 785 Market to Balfour Bldg.
AUTOMATIVE — Hansen Auto Repair Co., 466 Eddy.
Doble Steam Motors Corp (finance dept.), 315 Montgomery.
BAKERIES — B. H. Growe, 1385 46th Avenue.
BARBERS—Jos. Casa, 1604 Ocean.
BEAUTY PARLORS — Lucille's Shop, 1520 Union.
June's Shop, 3264 23rd.
CONTRACTORS — J. H. Johnson, 180 Jessie to Hearst Bldg.
ELECTRICAL — Underground Signal Co. (Mr. Doherty), 82 Sutter.
ENGINEERS—E. A. Wilcox Co., Call Building.
FLOORING—Geary Floor Co., 100 Jessie to Hearst Bldg.
FURRIERS—H. Ray, Gillette Bldg.
GROCERS—Forest Hill Grocery (Rolutti & Linklater), 402 Dewey.
INVESTMENTS — Regal & Co., Humboldt Bank Bldg. to Balfour Bldg.
Clif DeLorne, 485 California.
JEWELERS—R. I. Goldsmith, Kamm Building.
LUMBER—International Lumber Co., Marvin Building.
MFRS. AGENTS—D. and H. H. Hearfield, Hansford Bldg., to 347 Brannan.
OIL—California Oil Co., 220 Montgomery St.
PHYSICIANS—Dr. C. E. Edwards, 760 Market.
PLUMBING — Schwartz & La Torres, 4063 18th.
PRINTING — Buckley & Curtin, 739 Market to Stevenson.
REAL ESTATE — A. Christensen, Chronicle Bldg.
Atlas Investment Realty Co. (Jas. Moore), 229 Jones.
Yuba Land Co., 220 Montgomery.
RESTAURANT — Paul Dennis, 1529 Powell.
TAILORS — Coliseum Tailors (Davidson), 319 9th Ave.
S. A. Leiser, 1190 Eddy.
J. Jawitz, 875 Geary.
WOODWORKING—J. M. Dathe(cabinetmaker) 2109 Clement.
MISCELLANEOUS—Oriental Art Mfg. Co., 823 Jackson.
Wei Mow Mfg. Co., 130 Waverly Pl.
LEASES—Mar. 1, 1924—Arthur Elvin, Ernest H. Hildebrand and Albert J. Fabre to William Fisar and Van Ander Beck-Bodin—W Hyde bet. Jackson and Pacific Sts. No. 1529 Hyde St. 5 years, $1800.
ATTORNEYS—H. A. Wyatt, 220 Montgomery.
AUTOMOTIVE—Owners Auto Service Club, 356 Pine.
BARBERS—New Shop 160 Turk.
Dominic Sirianni (De Luxe Barber Shop) 6 Turk.
BUILDING MATERIALS — Jointless Fire Brick Co. (agency) 75 Fremont.
CANDY—Putnam's Candy Shop, 5348 Geary.
CHIROPODISTS—Mrs. Louis & Alpha May Wintbrall, 1805 Fillmore to 323 Geary.
CIGARS—Cortina Cimino & Co., 706 Sansome to 431 Jackson.
ELECTRICAL—W. N. Matthews Corp., Ben Holst rep., 116 New Montgomery.
EMPLOYMENT AGENCIES — J. R. Hubbard, 72 Natoma.
ENGINEERS—E. F. Halloran (consulting), 582 Market.
Henry P. Adams & Co., 582 Market to 307 Merchants Exchange Bldg.
FRUIT—Geo. Moses, 417 Clement.
HABERDASHERY — Modern Haberdashery, 2486 Mission.
IMPORTERS — Pacific Commercial Corp., 216 Pine.
China Mercantile Co., Clunie Bldg., to 508 Pine.
Takeuchi Bros., 444 Bush to 319 Grant Ave.
INSURANCE—E. W. Amos, 821 Market to 240 Montgomery.
INVESTMENTS—Bureau of Investigation, 681 Market.
JEWELERS—Guss Farber, 626 Phelan Building.
MACHINE WORKS—Hill Machine Wks 491 Tehama to 2126 Folsom.
MFRS. AGENTS — J. C. Connor Sales Co., Hearst Bldg.
MILLINERY — Alyce Browne, 1642 Ocean.
PAINTS—Golden Gate Paint & Wall Paper Co., 5411 Geary.
PAPER—Pioneer Paper Co., 52 Japan to 55 New Montgomery.
REAL ESTATE—L. B. Brown, Hearst Building.
Sullivan & Sullivan, 2323 Mission.
Doherty Co., 82 Sutter.
Chas. Barker (5754 Geary), branch 38th Ave. and Balboa.
RELIEF ORGANIZATIONS—Italian Bd of Relief, 1881 Larkin to 550 Montgomery.
SHADE FACTORY — Hayes Valley Window Shade Co., 552 Hayes.
STOCKS AND BONDS—J. N. Richardson (Huntington and Northern Petroleum Co.), 315 Montgomery to United Bank Bldg.
TAX EXPERT — F. Mandlebaum, Oceanic Bldg. to 315 Montgomery.
MISCELLANEOUS—Domestic Products Co., Hearst Bldg.
Ringsmith & Wellman 220 Montgomery.
G. D. Greenwood, 260 California to Clunie Bldg.
E. O. Kaufmann, 1 Montgomery.
J. E. Hilton, P. O. Box 83, Bend, Ore., opening furniture and dry goods business. Wants contact with mfrs. of pianos, furniture, aluminum ware, stoves, carpets and rugs.
ATTORNEYS—Lemuel Sanderson, 465 California.
AUTOMOTIVE—Wells & O'Neil (shop), 3951 Geary.
Gammel Auto Repair Shop, 957 Capp.
Champion Spark Plug Co., 75 Fremont.
BARBERS—Klein's Barber Shop, 3341 Mission.
BROKERS—E. L. Dawson & Co., Dollar Bldg., to Marin Bldg.
CANDY—Nellie Huber (was Smith's Candy Shop), 149 Noe.
CLEANING AND DYEING—E. F. Berton, 4134 Geary.
CLOTHING—Model Coat Mfg. Co., 2812 Mission.
CONTRACTORS — Buschke & Brown, 185 Stevenson St. to Atlas Blk.
DRAYAGE—E. Z. Express, 1799 Misslon
ENGINES—Geo. Hampton (civil), 582 Market.
FRUIT — Quality Fruit Market, 1014 Clement.
GOWNS—Celeste, 133 Geary.
GROCERS—Michael Maganaris, 1611 Scott to 2049 Fillmore.
HOSIERY—J. N. Clark, Bankers Investment Bldg.
IMPORTERS—Central American Coffee Estate Co. (Downey), 214 Front.
Macondray & Co., Royal Ins. Bldg. to 212 California.
IRON AND STEEL—Edgewater Steel Co. Rep. by Hickok & Hickok, 605 Market to 489 Bryant.
LUMBER—American Plywood Co. (Mr. Rosenthal), Hearst Bldg.
MFRS. AGENTS—McGee Sales Agency, 75 Fremont.
MASSAGE — Mrs. A. B. Roache, 533 Sutter.
OPTOMETRISTS—R. A. Gamble, 3224 22nd.
Dr. V. C. Quartararo, 253 Columbus Ave. to 209 Post.
PAVING—Federal Paving Co., 225 Bush
PHYSICIANS—Dr. O. S. Kucich, 2570 Bush, 879 Market.
PRINTING — Morris Rubin, 406 11th Avenue.
REAL ESTATE—Jos. E. Rucker Jr., 620 Market to 155 Montgomery.
Porter & Marchisio, 105 Montgomery.
H. B. Feddersen (105 Montgomery), branch 923 Irving.

Official Proposals

NOTICE TO BIDDERS

(Stage Equipment, Etc.—Merced Union High School District)

The Board of Trustees of the Merced Union High School District, Merced County, California, will receive sealed proposals **up until 7:30 o'clock P. M., of March 6th,** at the High School, Merced, California, at which time and place proposals will be considered for the furnishing and installing seats, stage scenery and equipment and a piano, for the Auditorium Annex, to Merced Union High School

Bids on all three of the above items will be considered separately.

Each bidder will be required to furnish a complete description of what he is bidding upon, and to submit samples for inspection.

Floor plans of the Auditorium may be seen at the office of Allison & Allison, 1405 Hibernian Bldg., Los Angeles, or may be procured at the office of W. E. Bedesen, Merced, California.

A deposit of $5.00 will be required from all contractors receiving plans. Said deposit to be refunded when plans are returned in good condition.

The Auditorium which is being built on the High School property is nearing completion and may be inspected at any time.

The said High School Board reserves the right to reject any or all bids, to waive any informality in any bid received, or to accept any bid which in their judgment best subserves the District's interest.

By order of the Board of Trustees of the Merced Union High School District, Merced County, California.

By H. K. LANDRAM, Clerk.

Dated Feb. 14th, 1924.

BIDS WANTED FOR SCHOOL

NOTICE TO CONTRACTORS

Office of the Clerk of the Board of Trustees of Alvarado School District, Alvarado, Alameda County, Calif.

Sealed bids will be received by the Clerk of the Alvarado School District at her office in the present school building in Alvarado, Alameda County, **until Saturday, March 1, 1924, at 1 o'clock P. M.** (the day when said bids will be opened and contracts awarded) for the construction of a one-story school building and auditorium to be built on lands owned by the said District in Alvarado, Alameda County, California.

Bids will be received on each of the following departments of work:

Department 1. All building construction complete, excepting plumbing, heating and electrical work.

Department 2. Plumbing work.

Department 3. Electrical work.

Department 4. Heating and ventilating work.

Complete plans and specifications for each of these departments of work are on file in the office of the Clerk of said School District at Alvarado, also, at the office of the architect Henry H. Meyers, 1201 Kohl Bldg., San Francisco, where copies may be obtained by deposit with the said Clerk or said architect the sum of twenty dollars. ($20.00).

Contractors will be restricted as to the length of time they may retain these plans and specifications to ten days (10) on Department 1 and to six (6) days on Departments 2, 3 and 4. Material men and sub-contractors, who secure these plans by making the necessary deposit will be restricted to three (3) days' time for each of the said departments. Contractors, sub-contractors or material men failing to return said plans and specifications within said time limit will forfeit their deposits. The amount of the deposit will be returned to contractors, sub-contractors and material men returning said plans and specifications in good condition within said time limt.

Each bd must be accompanied by a certified check for at least ten per cent of the amount of the bid or proposal, payable to Mrs. F. R. Robie, Clerk of the Board of Trustees of Alvarado School District, to be forfeited to the said School District as agreed and liquidated damages, should the party or parties to whom the contracts be awarded fail to enter into the contract after the award, or to give the Bond required by the Board for the faithful performance of the contract.

MRS. F. R. ROBIE,
Clerk of the Board of Trustees of the Alvarado School District, Alameda County, California

Feb 5, 1924.

> A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.
>
> Rates 10 cents per line, per insertion.
>
> All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section

NOTICE TO CONTRACTORS

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock p. m. on March 17, 1924,** at which time they will be publicly opened and read, for the construction, in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Santa Clara County, between Milpitas and Coyote Creek (IV-S. Cl.-5-A), about three and seven-tenths (3.7) miles in length, to be paved with asphalt concrete and widened with water-bound macadam shoulders.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: February 18, 1924.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

NOTICE TO CONTRACTORS

(Rip Rap for Mare Island—Bureau of Yards and Docks)

SEALED PROPOSALS, indorsed "Proposals for Riprapping Longitudinal Dike, Mare Island, Calif., Specification No. 4941," will be received by the District Public Works Officer, Navy Yard, Mare Island, Calif., until 11 o'clock A. M., March 12, 1924, and then and there publicly opened, for furnishing and depositing approximately 9000 tons of hard stone riprap to form an embankment along the longitudinal dike, Navy Yard, Mare Island, California. Specification 4941 may be obtained on application to the District Public Works Officer, Navy Yard, Mare Island, California. Deposit of a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security for the safe return of the specification. L. E. GREGORY, Chief of Bureau, 12 February, 1924.

NOTICE TO CONTRACTORS

Office of the Board of Education of the City of Piedmont.

Notice is hereby given that the Board of Education of the City of Piedmont and of Piedmont School District of Alameda County, California, hereby calls for sealed proposals to be delivered to the Secretary of said Board in the main office of the high school building located at 800 Magnolia Avenue in the said City of Piedmont, California, until **Monday, March 3rd, 1924, at eight o'clock P. M. of said day** for the erection and completion of the new two-story concrete school building of Piedmont School District of Alameda County located in Piedmont Park at the point South of the intersection of Bonita and Magnolia Avenues, in said City of Piedmont.

Proposals will be received in the form of general bids for the erection and completion of said entire building and in the form of separate bids for the following classes of work:—

1. Excavating, grading and concrete work.
2. Terrazzo and tile work.
3. Mason work.
4. Carpenter work.
5. Glass and glazing.
6. Blackboards.
7. Finish hardware.
8. Lathing and plastering.
9. Composition roofs.
10. Terra cotta tile roof.
11. Electrical work.
12. Plumbing work.
13. Sheet metal work.
14. Painting.
15. Heating.
16. Window shades.

17. Cork carpets.
18. Linoleum.

Plans and specifications for said work are on file and may be seen at the office of said Board at the high school building located at 800 Magnolia Avenue, Piedmont, California, between 9 o'clock A. M. and 3 o'clock P. M. of any day except Saturdays, Sundays and holidays, or at the office of the architect, W. H. Weeks, 369 Pine Street, San Francisco, California, during office hours.

On the deposit of $25.00 said plans and specifications may be had by any prospective bidder and retained until 8 o'clock P. M., March 3rd, 1924.

If the plans and specifications are not returned to the Architect within the time above specified, or are returned in a damaged or mutilated condition, the deposit will be forfeited and will be immediately used for the purchase of a new set of blue prints and specifications.

Bids must be made on proposals obtained at the office of the architect and be signed by the bidder and be accompanied by a certified check for at least ten per cent (10%) of the amount of the bid or proposal, certified to by some responsible bank or banker and made payable to Harriet A. Haas, Secretary of the Board of Education of the City of Piedmont and of Piedmont School District of Alameda County to be retained by said School District as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law.

Bids will be opened by said Board of said School District on Monday, March 3rd, 1924, at the hour of eight o'clock P. M. in the main office of the High School building located at 800 Magnolia Avenue, in the said City of Piedmont, California. The Board reserves the right to reject any and all bids, or any or all items of such bids.

Dated at Piedmont, California, February 15, 1924.

HARRIET A. HAAS,
Secretary of the Board of Education of the City of Piedmont and of Piedmont School District.

NOTICE TO BIDDERS

(City of Corcoran—Pump)

Notice is hereby given that sealed bids will be received by the City Clerk of the Board of Trustees of the City of Corcoran, County of Kings, State of California, at the City Hall in the City of Corcoran, County and State above mentioned up to and until **8 p. m., February 25, 1924,** for furnishing the following described material f. o. b. Corcoran:

1. Turbine Pump, complete with Motor and Starter installed.

Pump to fit inside 8½ casing.

Pump to deliver approximately 900 gallons of water per minute.

Pump to be direct connected to a vertical, full Ball Bearing, 40 degree, 60 cycle, 220 volt motor of not over 1200 R. P. M.

Starter to be General Electric Automatic Type C. R. 7052, equipped with time-limit relay.

Bids to be made on 60, 70 and 80 ft. settings.

Bidders to specify amount of water delivered and Horse Power used at the different depths.

INSTALLATION: Bidder to take out old pump, change wiring from 15 H. P. to what is needed for the larger motor, install new pump in well and connect discharge to, the one now in use and place plant in operation.

Plant to be in operation within 24 hours of the starting of the installation.

Each bid to be accompanied by a certified or cashiers check in a sum of not less than 10 per cent of the amount bid, payable to the City of Corcoran as evidence of good faith on the part of the bidder.

The Board of Trustees reserve the right to reject any and all bids, or to accept the bid considered by them best for the said City of Corcoran.

Dated, February 15, 1924.

JAS. C. CONDON,
Clerk of the City of Corcoran, County of Kings, State of California.

NOTICE TO CONTRACTORS

(San Bruno Municipal Water System)

Notice is hereby given that sealed bids or proposals will be received and opened by the Board of Trustees of the City of San Bruno, at **8 p. m.,** at the City Hall of said City on **Wednesday, the 27th day of February, 1924,** for doing the following work and furnishing the following materials, to-wit: Construction of 7 reinforced concrete settling tanks., suction reservoir tank, pump foundations, motor foundations and building foundations, for the San Bruno Municipal Water System; as same are more fully shown upon the official plans and specifications therefore, heretofore adopted by said board and on file in the office of the City Clerk.

Certified checks or bidders bonds in the amount of 10% to accompany each bid.

Upon award of contract the successful bidder will be required to execute a bond to said city in the amount of 25% of said contract for the faithful performance of said contract and for labor and material.

Said board reserves the right to reject any and all bids.

This notice is given pursuant to orders of the Board of Trustees.

NETTIE A. WILLITS,
City Clerk.

NOTICE TO CONTRACTORS AND BUILDERS

Kings County—American Legion Hall

Office of Clerk of Board of Supervisors of the County of Kings, State of California.

February 5th, 1924.

NOTICE IS HEREBY GIVEN that sealed proposals and bids will be received by the Clerk of the Board of Supervisors of the County of Kings, State of California, at his office in the court-house in the City of Hanford, in said County and State, up to the hour of **eleven o'clock a. m., March 5th, 1924,** for the construction of proposed Legion Hall at Corcoran, California, in said County.

All bids must be presented under the forms to be obtained from J. R. Henderson, 109 East Tulare Street, Tulare, California, architect, or the County Clerk of the County of Kings, at his office at Hanford, California. Such bidder blanks and plans and specifications and supplemental specification may be obtained at said offices.

Proposals and bids may be submitted for either or all of the propositions as follows:

Bid A. For all labor and material in connection with the contract for building complete with tile roof.

Bid B. For all labor and material in connection with the contract for building complete with composition roof.

Bid C. For all labor and material in connection with the contract for building with ten feet omitted from the length, and three feet omitted from the width, as indicated by drawings, complete with tile roof.

Bid D. For all labor and material in connection with the contract for building, with ten feet omitted from the length, and three feet omitted the width as indicated by drawings, complete with composition roof.

All plans and specifications and supplemental specifications must be returned with the bids, and a deposit of Ten Dollars must be made with the Clerk or the architect upon securing the plans and specifications and supplemental specifications.

All bids must be presented under sealed cover and endorsed: "Proposal of (bidder's name) for construction of Legion Hall at Corcoran, Kings County, California." Each proposal must be accompanied by a certified or Cashier's check in an amount equal to at least ten per cent of the amount bid, said check made payable to the County Clerk of Kings County, such check to be received on condition that if the proposal of the bidder be accepted, the bidder will enter into and execute a contract for the faithful performance of the work described in the plans and specifications and supplemental specifications within ten days after notification to him of award of contract, and should said bidder fail to execute the same within said ten days (not including Sundays) from the date of notification of award, such check shall be forfeited to the County of Kings to be the property of said County. All other checks will be returned to the bidders who submitted the same, and whose bids shall have been rejected.

Plans and specifications and supplemental specifications for the work to which bidders are hereby referred are on file in the office of the Board of Supervisors of the County of Kings at Hanford, and copies may also be obtained by contractors from the architect.

A bond to be approved by the Board of Supervisors of the County of Kings, will be required for the faithful performance of the contractor in an amount of not less than one-fourth of the estimated amount of the contract, and a bond to be approved by the Board of Supervisors of the County of Kings will be required for the faithful performance of the contractor in a sum not less than one-half of the estimated amount of the contract, as required by law.

The Board of Supervisors of said County reserve the right to reject any and all proposals or to accept the proposal considered by them to be the best.

By order of the Board of Supervisors of the County of Kings.

E. F. PICKERILL,
County Clerk and ex-Officio Clerk of The Board of Supervisors of the County of Kings, State of California.
(SEAL)

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building Sacramento, Cal., until 2 o'clock P. M., on March 10, 1924,** at which time they will be publicly opened and read, for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Ventura County, between Southerly Boundary and Camarillo (VII-Ven -2-A&B), about thirteen and five-tenths (13.5) miles in length; thirteen and five-tenths (13.5) miles to be graded, seven and four-tenths (7.4) miles to be paved with Portland cement concrete and two and five-tenths (2.5) miles to be widened with Portland cement concrete shoulders.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated: February 11, 1924.

Engineering News Section

BRIDGES

SANTA ROSA, Sonoma Co., Cal.—Until March 11, 2 m., bids will be rec. by W. W. Felt, Jr., county clerk to construct 3 rein. conc. bridges on Santa Rosa-Guerneville rd., in 3rd Supervisorial Dist., involv. 233 cu. yds. Class A conc. Est. cost $7500. Spec. obtainable from clerk on deposit of $10, returnable.

LOS ANGELES, Cal.—County supervisors propose to const. a double bridge, costing $31,000, for W Anaheim St., over flood control channel, upon condition that the city of Long Beach will widen Anaheim St. to 130 ft west of Channel E. The flood control dept. has sufficient piling on hand.

VISALIA, Tulare Co., Cal. — Until March 3, 2 p. m., bids will be rec. by Gladys Stewart, county clerk, to construct rein. conc. bridge over Tulare canal, (Bridge No. 70), involv 27.63 cu. yds. class A and 40.80 cu. yds. class B conc. Materials will be furnished by county, f. o. b. Swall siding. Cert. chk. 5% req. with each bid. Laurence A. Moye, county surveyor.

MERCED, Merced Co., Cal. — Until March 4, 10 a. m., bids will be rec. by P. J. Thornton, county clerk, to const. rein. conc. bridge over slough on McSwain Bridge and Turlock road, known as Bridge No. 125. Cert. check 10% payable to Chairman of Bd. of Sups. req. Spec. obtainable from W. E. Bedesen, county surveyor, on deposit of $10, returnable.

GLOBE, Ariz—Council votes to build 2 bridges across creek at Cottonwood and Willow Creeks.

SAN JOSE, Santa Clara Co., Cal.—H. J. Brunnier, consulting engineer, Sharon Bldg., San Francisco, preparing plans for rein. conc. bridge to span Los Gatos Creek in West San Carlos St., est. cost $50,000. Bonds were recently voted by city to finance this work. Wm. Popp, city eng.

SAN MATEO COUNTY, Calif. — Supervisors grant 6 mos. extension of time to Frank Eldridge Webb, New York City, in which to start construction of Coyote Point bridge across San Francisco, betw. Hayward and San Mateo. Under original franchise construction was to be started March 1th but was delayed due to failure to secure necessary financial backing. The estimated cost of the structure is placed at $7,500,000.

SACRAMENTO, Cal.—Until April 7, bids will be rec. by Harry W. Hall, county clerk, to const. rein. conc. and steel bridge over Sacramento river at Paintersville and for a steel bridge across Steamboat slough, a short distance from the Paintersville bridge; est. cost of former $112,000 and latter $76,000. Paintersville bridge will have rein. conc. approaches 120 ft. long on both sides; anchor spans of steel, 58 ft. long will join conc. approaches and the leaves will be of steel, each being 113 ft. long, making floor of bridge across waterway 226 ft. in length. Steamboat slough bridge will be 22 ft. from pier to pier with 58-ft. anchor spans. Both will be electrically operated. Chas. W. Deterding, Jr., county engineer.

MARTINEZ, Contra Costa Co., Cal. —Until March 3, 8 p. m., bids will be rec. by C. E. Daley, clerk, to const. conc. bridge over Alhambra creek in Escobar, and rein. conc. bridge in over Alhambra creek in Howard St., est. Bids must be submitted separately for each structure and both structures jointly. Cert. check 10% payable to town req. Plans obtainable from City Eng. Ben Greene.

SANTA CLARA COUNTY, Calif. — John Simpson & Co., 701 Antonio St., Los Angeles, at $42,234 (engineer's estimate $45,260) awarded cont. by State Highway Commission to const. bridges in Santa Clara county, as follows: across Cedar Creek, 18 mi. east of Gilroy, a bridge composed of three 42-ft. 4-in. rein. conc. girder spans with conc. piers, abutments and wing walls, also, across North Fork Pacheco Creek 21 mi. east of Gilroy, a bridge composed of three 50-ft. and two 34-ft. rein. conc. girder spans on conc. bents.

SACRAMENTO, Cal. — Sacramento Downtown Assn adopts resolution urging construction of a new road entrance into Sacramento from the north by means of a bridge across the American river near the mouth of the stream.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SANTA ROSA, Sonoma Co., Cal.—Until March 11, 12 M., bids will be rec. by W. W. Felt., Jr., county clerk, to const. earth fill at Indian Reservation on New Occidental Rd., in 2nd Supervisorial District, involv. 4400 cu. yds fill; est. cost $3500. Spec. obtainable from clerk on deposit of $10, returnable.

MARE ISLAND, Calif. — See "Government Work and Supplies," this issue.

OAKLAND, Cal.—Until March 10, 10 a. m., bids will be rec. by G. E. Gross, county clerk, to const. new fender dolphin at Webster St. bridge across the Oakland-Alameda Estuary. Cert. check payable to clerk req. Plans obtainable from County Surveyor Geo. A. Posey.

COOS BAY, Ore.—Hauser Const. Co., Portland, Ore., submitted low bid at $859,000 to const. a jetty at Coos Bay, involv. approx. 886,000 tons quarried rock at 97c ton. Other bids were: Robart Constr. Co., Salt Lake City, $1,049,000 ($1.18); Porter Constr. Co., Seattle $1,063,000 ($1.20); Atkinson & Atkinson, Los Angeles, $1,088,000 ($1.23); Johnson Constr. Co., Portland, $1,098,000 ($1.24); Joplin Constr. Co., $1,187,000 ($1.34); Pacific Bridge Co., Portland, $1,302,000 ($1.47).

LOS ANGELES, Cal.—Until 11 a. m., March 10, bids will be rec. by supervisors to const. incl. fill, a conc. retaining wall at the intersection of Ocean Ave. and Ocean Ave. Extension.

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BYRON, Contra Costa Co., Cal.—No bids rec. Feb. 16 by Byron-Bethany Irrigation District, G. A. Howard, secretary, to const. 2916 ft. of irrigation ditches.

See "Government Work and Supplies," this issue. Bids wanted for 125,000 cu. yds. excavation.

IRRIGATION PROJECTS

PORTERVILLE, Tulare Co., Cal.—Bonds of $210,000 voted in Valdalia Irrigation District to finance construction of works in district, including pipe lines, pumping plants, ditches, etc.

BYRON, Contra Costa Co., Cal.—John N. Kristich, Knightsen, Calif., at $3650 awarded cont. by Byron-Bethany Irrigation District, to fur. and lay 2150 ft. 24-in. non-rein. conc. pipe with inlet and outlet structures and gate, also sediment chamber on line. Other bids: Calif. Conc. Products Co., Sunnyvale, $4226; Merritt Conc. Products Co., San Jose, $3600; A. W. Wood, Manteca, $3,850. Bids rejected and spec. will be revised.

BYRON, Contra Costa Co., Cal. — John N. Kristich, Knightsen, Calif., at $1965 awarded cont. by Byron-Bethany Irrigation District, to fur. and lay 2185 ft. 14-in. non-rein. conc. pipe with inlet and outlet structures and gate; also 7000 ft. non-rein. conc. pipe with inlet and outlet structures and gate. Other bids: Calif. Conc. Products Co., Sunnyvale, $2632; Merritt Conc. Products Co., San Jose, 2121; C. N. Wood, Manteca, $2450.

CRESCENT CITY, Del Norte Co., Cal. —County supervisors set April 2 as date to vote bonds of $45,000 to continue the Crescent City harbor project. The improvements consist of a breakwater extending 1-mi. into the ocean, est. cost $490,000, the county and federal government to share in the cost.

LONG BEACH, Cal.—Approx. quantities to dredge Long Beach harbor, for which bids will be opened by the city manager 10 a. m. Feb. 26 (previously noted), are:

Turning basin, involv. 2,228,000 cu. yds. material to be removed. Plan No. B-568, special spec. C-209.

Channel No. 3, involv. 1,614,000 cu. yds. material; overdepth, 48,933 cu. yds. Plan No. B-570, special spec. C-211

Connecting channel, involv. 1,174,000 cu. yds. Plan No. B-569, special spec. No. C-212.

Channel No. 2, involv. 1,640,000 cu. yds.; overdepth, 44,963 cu. yds. Plan No. B-567; special spec. No. C-210.

Spec. on file at office of city engr., R. D. Van Alstine.

Cert. check or bond 10%. C. H. Windham, city manager.

VENICE, Cal.—City will call election to vote bonds to finance const. of two breakwaters for south beach; est. cost $100,000 each; will be about 5500 ft. long, 25 ft. above low water level, and have a maximum width of 90 ft. with an average top of 12 ft.

INDEPENDENCE, Inyo Co., Cal.—Purchase of a block of bonds, approx. $400,000, to finance improvements in the Owens Valley Irrigation District has been awarded to the M. H. Lewis & Co. of Los Angeles.

CALIFORNIA—Following is a partial list of applications filed during the month of January with the State Department of Public Works, Division of Water Rights, Edward Hyatt, Acting Chief Engineer of Division, for permits to appropriate water:

Applications

Application No. 3778 (Los Angeles County). B. F. Burkhart and Anna M,

Burkhart of Littlerock, Cal., 4 cu. ft. per sec. and 750 acre ft. per annum from Middle Fork of Pallett Creek for irrigation of 320 acres.

App. 3779 (Yuba and Placer Cos.) John A. Livingston, trustee for proposed Camp Far West Irrigation District, Auburn, Cal., 50 cu. ft. per sec. from Bear River for agricultural purposes to irrigate 4102.37 acres. Est. cost $125,000.

App. 3780 (Siskiyou Co) O. L. Palmer, Fork of Salmon, Cal., 1.25 cu. ft. per sec. from West Fork of Indian Creek, for mining purposes in Graham Gulch. Est. cost $1500.

App. 3783 (Placer and Nevada Cos) Bear River Water & Power Co., Auburn, Cal., 250 cu. ft. per sec. and 100,000 ac. ft. from Bear River for generation of electricity at 3 plants. 42,994 theoretical horse power to be developed.

App. 3784 (Placer and Nevada Cos) Bear River Water & Power Co., Auburn, Cal., 250 cu. ft. per sec. and 100,000 ac. ft. from Bear River for irrigation of 175,000 acres in Placer county.

App. 3787 (Amador Co) W. S. Allen and L. L. Cuneo; Sutter Creek, Cal., 1 cu. ft. per sec. from Sutter Creek, for power to be developed for operation of American Mine, 28 theoretical horse power to be developed. Est. cost $1000.

App. 3788 (Orange Co) Modjeska Ranch Co., Santa Ana, Cal., 2/5 miners in. and 17 ac. ft. per annum from Harding Creek, for domestic use on subdivision. Est. cost $10,000.

App. 3789 (Placer Co) George M. Dyke, Roseville, Cal., 1 cu. ft. per sec. from Pennsylvania Ravine for irrigation of 35 acres. Est. cost $2000.

App. 3792 (Trinity Co) John B. Graham, Minerville, Cal., 3.75 cu. ft. per sec. from Mule Creek for hydraulic and placer mining. Est. cost $1000.

App. 3796 (Butte Co) Edwin W. Ehmann, Oroville, Cal., 1.25 cu. ft. per sec. from main ditch of Drainage District No. 100 for irrigation of 100 acres. Est. cost $2000.

App. 3799 (Riverside Co) Temescal Water Co., Corona, Cal., 3.75 cu. ft. per sec. from Indian Creek, for irrigation of 5000 acres in Colony of Corona. Est cost $7000.

App. 3800 (Riverside Co) Temescal Water Co., Corona, Cal., 3.75 cu. ft. per sec. from Horsethief Creek for irrigation of 5000 acres in Corona Colony. Est. cost $7000.

App. 3801 (San Bernardino Co) Jake Barlow, Lucerne, Cal., 3 cu. ft. per sec. from Arctic Canyon, for domestic, stockwatering and irrigation of 240 acres. Est. cost $10,160.

App. 3805 (San Bernardino Co) J. E. Kroon and C. D. McNeil of Los Angeles for 5 cu. ft. per sec. from underground water of Day's Canyon, for domestic purposes and irrigation of 1920 acres. Est. cost $20,000.

App. 3806 (Mono Co) Sierra Land and Water Co., Los Angeles, Cal., for 400 sec. ft. from Leevining, Walker and Parker Creeks, for irrigation of 44,620 acres bordering on and to the east and north of Mono Lake. Est. cost $66,000.

App. 3808 (Los Angeles Co) Henry Hay, Covina, Cal., for 40 cu. ft per sec. and 20,000 ac. ft. per annum from San Gabriel River, San Dimas & Puddingstone Canyons, for irrigation of 3000 acres. Water to be stored in Los Angeles County Flood Control Reservoirs on above named streams. Est. cist $300,000.

App. 3810 (Inyo Co) Roy M. Glassburn, Brown, Kern Co., Cal., for 2 cu. ft. per sec. and 10 ac ft. per annum from No Name Canyon for irrigation of 160 acres. Est. cost $3000.

App. 3811 (San Joaquin Co) Verne W Hoffman, Acampo, Cal., for .66 cu. ft. per sec. from Mokelumne River for irrigation of 53.34 acres. Est. cost $3000.

App. 3812 (Santa Barbara Co) Union Sugar Co., San Francisco, Cal., for 14 cu. ft. per sec. from San Antonio Creek for irrigation of 843 acres of San Antonio Valley Ranch. Est. cost $2500 yearly.

App. 3813 (Stanislaus Co) Oakdale Irrigation District, Oakdale, Cal., for 20 cu. ft. per sec. from Stanislaus River, to be diverted in Sec. 30, T 2 S, R 10 E, for irrigation of 2700 acres within boundary of Oakdale Irrigation District. Est. cost $3000.

App. 3815 (San Benito Co) San Benito Asbestos Co., San Francisco, for (1) .001 cu. ft. per sec. and (2) .004 cu. ft. per sec. from 2 unnamed springs for mining, domestic and general camp purposes. Est. cost $1000.

Permits

The following permits were granted by the Division during the month of January:

Permit No. 1592 (Inyo County, to Frank Saulgue and Sons, Big Pine, 0.4 cu. ft. per sec. from unnamed spring for irrigation of 40 acres. Est. cost $1000.

No. 1594 (Mono Co) Charles M. Honn Bridgeport, Cal., 0.55 cu. ft. per sec. from unnamed spring for irrigation of 41 acres. Est. cost $1000.

No. 1596 (Sutter Co) R. H. Bailey, Grafton, Cal., 0.93 cu. ft. per sec. from Sacramento River for irrigation 74.56 acres. Est. cost $4000.

No. 1604 (San Luis Co) F. F. Peabody, Atascadero, Cal., 111 ac. ft. per annum from Atascadero Creek for irrigation of 80 acres. Est. cost $16,825.

No. 1606 (Colusa Co) George N. Farnsworth, Grimes, Cal., 19.13 cu. ft. per sec. from Sacramento River for irrigation of 1531 acres. Est. cost $75,000.

No. 1608 (Mono Co) John J. Rodenkirch, Dyer, Cal., 0.77 cu. ft. per sec. from Elm and Wildhorse Creek for irrigation of 233.46 acres. Est. cost $5000.

No. 1610 (Inyo Co) Big Pine Mining Co., Big Pine, Cal., 0.0075 cu. ft. per sec. from Wacobe Canyon for mining and domestic purposes. Est. cost $10,000.

No. 1611 (San Bernardino Co) Alta Loma Vineyard Co., Cucamonga, Cal., 2.50 cu. ft. per sec. from an unnamed stream for irrigation of 260 acres. Est. cost $10,000.

No. 1612 (Mendocino Co) Edward O. Haehl, Cloverdale, Cal., 0.22 cu. ft. per sec. from a well on bank of Dry Creek for irrigation of 18 acres. Est. cost $1200.

No. 1615, (San Diego Co) San Diego and Arizona Railway Co., San Diego, 210.6 ac. ft. per annum from Clover Creek for locomotives. Est. cost $9000.

No. 1616 (Trinity Co) James G. King, Big Bar, Cal., for 1.65 cu. ft. per sec. from Big French Creek for irrigation of 132½ acres. Est. cost $3000.

No. 1618 (Inyo Co) J. Irving Crowell, Beatty, Nev., 0.05 cu. ft. per sec. from Keane Spring for mining purposes. Est cost $7000.

No. 1619 (San Bernardino Co) Richard C. Halsted, Pasadena, Cal., 0.025 cu. ft. per sec. from unnamed spring for domestic purposes. Est. cost $1100.

No. 1620 (Stanislaus Co) D. F. Koetitz, Modesto, Cal., 2.47 cu. ft. per sec. from Stanislaus River for irrigation of 240 acres. Est. cost $5000.

No. 1621 (Tehama Co) George Vogelgsang, Vina, Cal., 2.97 cu. ft. per sec. from Sacramento River for 237.8 acres. Est. cost $2000.

No. 1622 (Siskiyou Co) C. J. Laird of Mount Dome, Cal., 0.86 cu. ft. per sec from springs for irrigation of 69 acres. Est. cost $1500.

No. 1623 (Contra Costa Co) Louise A. and W. A. Titcomb, Concord, Cal., 0.64 cu. ft. per sec. from Walnut Creek in Lot No. 10 Orchard Tract, near Hookston Station, for irrigation of 51.01 acres. Est. cost $2500.

No. 1624 (Nevada Co) Excelsior Water and Power Corporation, Smartville, Cal., 25 cu. ft. per sec. from South Yuba River for power purposes. Est. cost $204,590.

LIGHTING SYSTEMS

SUISUN, Solano Co., Cal.—City trustees will call election to vote bond of $50,000 to finance street improvements and installation of electrolier system, the former to cost $37,500 and the latter $12,500.

ANAHEIM, Cal.—Until 8 p. m., Feb. 28, bids will be rec. by city trustees to const. ornam. lighting systems in East Center St., bet. S Philadelphia St. and S East St.; S Los Angeles St., bet. E Broadway and E Vermont Ave.; N Los Angeles St., bet. E Cypress St. and E North St.. 1911 Act. Edw. B. Merritt, city clerk.

LOS ANGELES, Cal.—D. S. McEwan, 127 Pier Ave., Ocean Park, awarded contract by Bd. Pub. Wks. at $9600 to install ornam. lighting system in Topanga Canyon, bet. Ventura Blvd. and Ybarra Rd.

A. C. Rice, 1963 Santee St., awarded cont. at $2328 to const. ornam. lighting system in Norton Ave., bet. Beverly Blvd. and First St.

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LOS ANGELES, Cal. — F. Ziebach awarded contract by Bd. Pub. Works at $10,990 to fur. and install lighting posts and appliances for the lighting of 8th St., bet. Palos Verdes St. and e line of Pacific Ave., San Pedro.

LOS ANGELES, Cal.—R. A. Wattson, 4907 Melrose Ave., submitted low bid to Bd. Pub. Wks. at $5948 to const. ornam. lighting system in Browning Blvd., bet. Western and Van Ness Aves.

Paulson Constr. Co., 514 Detwiler Bldg., low bidder at $11,335 to const. ornam. lighting system in Cahuenga Ave., bet. Hollywood Blvd. and Sunset Blvd.

Walker & Martin, Fullerton, low bidder at $7000 to const. ornam. lighting system in Canal Ave., bet. J St. and Anaheim St.

A. C. Rice, 1903 Santee St., low bidder at $17,910 to const. ornam lighting system in Sixth St., bet. Grand Ave. and Figueroa St.

BURLINGAME, San Mateo Co., Cal.—Butte Elec. & Mfg. Co., 956 Folsom St., San Francisco, at $1390 awarded cont. by city trustees to install 14 c. i. ornamental lighting standards in portions of Broadway, Chula Vista Ave. and San Mateo Drive.

BAKERSFIELD, Kern Co., Cal.—Bids will be asked by city council, V. Van Riper, Clerk, at the Feb. 25 meeting for the installation of the second unit of the street lighting system. W. D. Clarke, city engineer, has completed spec. for the work.

LOS ANGELES, Cal.—Fritz Ziebarth, 302 E. Anaheim, Long Beach, awarded contr. by Bd. Pub. Wks. at $10,250 to const. ornam. lighting system in Catalina St., bet. Ambrose and Franklin Aves.

MACHINERY & EQUIPMENT

DENAIR, Stanislaus Co., Cal.—Until March 3, 12 M., bids will be rec. by H. O. Perry, clerk, Denair Union High School District, to fur. and del one Norfield No. 1 Variety Saw with full equipment, or one equally as good. Equipment should include one 16-in. cross cut saw; one 16-in. rap saw. (Bids should be made with an dwithout motor). One hollow chisel motising and boring attachment; one ¼-in. and one 5/16-in. and one ⅜-in. hollow chisel and bit. One Huther 10-in. dia. Dado Head seat No. 4 or one equally as good, to cut grooves up to 1-in. by sixteenths. Further information obtainable from clerk.

LOS ANGELES, Cal.—Until 2:30 p. m. March 7, bids will be rec. by harbor comm., 312 Bryne Bldg., for dipper and bail; spec. No. 593. Guy W. Wade, secy.

LOS ANGELES, Cal.—Chicago Pneumatic Tool Co. submitted only bid (irrigular) to Bd. Pub. Wks., for air compressors for section No. 7, North Outfall Sewer. Bid not signed; not declared.

LOS ANGELES, Cal.—Moreland Sales Corp. awarded cont by Bd. Pub. Wks. at $2547.76 for one motor truck.

OAKLAND, Cal.—Until Feb. 28, 12 m bids will be rec. by E. K. Sturgis, city clerk, to fur. 100 refuse containers for Department of Streets. Bond of $500 will be required of successful bidder to secure faithful performance of the contract. Further information obtainable from city clerk.

RAILROADS

ELKO, Nevada.—Utah Construction Co., Phelan Bldg., San Francisco, awarded contract by Western Pacific R.R. Co., Mills Bldg., San Francisco, to imp. roadbed bet. Wells and Winnemucca, preparatory to carrying out double-track agreement with Southern Pacific R.R. Co., expected to become effective Aug. 1. Ties have been distributed along the line and rock will be furnished from the S. P. R.R. Co.'s rock crushing plant at Palisade.

SACRAMENTO, Cal.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, operating street car system will spend $125,000 in improvements which will include the purchase of 5 steel cars. Repaving streets and track relaying are other improvements. E. W. Florence is dist. mgr. for company at Sacramento.

OREGON — Utah Construction Co., Phelan Bldg., San Francisco, awarded cont. by Southern Pacific R.R. Co., 65 Market St., San Francisco, to const. an additional 11 mile of railroad to connect beyond the old grade at Oak Ridge and to Stewart Welch Co., for 7-mi. down the mountain west of the summit. These contracts are sections of the Natron-Cutoff.

LOS ANGELES, Cal.—Sharp & Fellows Contr. Co., Central Bldg., Los Angeles, awarded cont. to double track work on Santa Fe-Union Pacific joint line, bet. Summit and Hicks, San Bernardino Co., Calif., comprising about 44 mi. of work involv. 806,000 cu. yds. of earth and heavy rock excav. Equip. being put on at once includes 8 shovels, 4 concr. outfits and 5 team outfits; $2,500,000.

FIRE ALARM SYSTEMS

LAKEPORT, Lake Co., Cal.—Bank of Lake, F. C. Stitser, vice president and the Farmers' Savings Bank, F. H. Boggs, president, both of Lakeport, will install burglar alarm systems. Efforts are being made to have the county supervisors install a system in the office of the county treasurer.

RICHMOND, Contra Costa Co., Cal.—City Mgr. J. A. McVitttie authorized to expend $650 for the purchase of batteries for fire alarm system. A. C. Faris is City Clerk.

FIRE EQUIPMENT

SACRAMENTO, Cal.—Seagrave Fire Apparatus Co., at $40,000 awarded contract by city commission to fur. 3 pumpers and a combination hose wagon and chemical engine; 2 will be 750-gal. pumpers and one 1000-gal.

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SAN DIEGO, Cal.—Globe Elec. Wks. 300 6th St., submitted low bid to council at $11,900 to const. lighting system on E St., bet. 8th and 16th Sts.

Globe Elec. Wks. low bidder at $22,000 to const. ornam. lighting system on La Jolla Blvd., Prospect St. and other streets in La Jolla.

OAKLAND, Cal.—Bids were received on February 14th by E. K. Sturgis, city clerk, to erect two-story frame fire house at northeast corner of 50th avenue and Bond St.

Bids were taken under advisement.

M. B. Hopper & Son, 1117 Webster St., Oakland	$15,970
F. D. Johnson	19,240
Murch-Williams	17,492
R. J. Barr, Oakland	15,986
Jno. M. Bartlett	16,892
Schulby & Horstman, Oakland	16,964
E. H. Hildebrand, Oakland	19,400
Schuler & MacDonald, Oakland	20,997

COLUSA, Colusa Co., Cal.—Until Mar. 3, 8 p. m., bids will be rec. by E. L. McCue, city clerk, to fur. 500-ft. 2½-in. fire hose. Spec. obtainable from clerk.

MISCELLANEOUS SUPPLIES

OAKLAND, Cal.—Until Feb. 28, 12 M., bids will be rec. by E. K. Sturgis, city clerk, to fur. 100 refuse containers for department of Streets. Bond of $500 will be required of successful bidder to secure faithful performance of the contract. Further information obtainable from city clerk.

RESERVOIRS AND DAMS

VERNON, Cal.—Until 10 a. m., March 4, bids will be rec. by city trustees to const. 3,000,000 gal. water reservoir, 185 by 185 ft., partly excav., 4-in. conc. lining, wire mesh reinf., wood rf. Cert check or bond for 10%. Howard McCurdy, Pac. Elec. Bldg., Los Angeles, city engineer.

SAN DIEGO, Cal. — On receipt by council of report of Engr. John Freeman regarding development of San Diego river, the council expects to call a bond election to vote an issue to const. large dam on that river.

TACOMA, Wn.—See "Power Pants," this issue.

PIPE LINES, WELLS, ETC.

FRESNO COUNTY, Calif.—Contract has been filed with County Clerk by Associated Pipe Line Co., T. W. Patterson Bldg., Fresno, with Mike and Howard Lang to lay a 25.5-mi. pipe line between Fellows and Coalinga; contract price $.35 to $.45 per ft.

BYRON, Contra Costa Co., Cal.—See "Irrigation Projects," this issue.

February 19, 1924

See "Government Work and Supplies" this issue. Bids wanted for wood stave pipe lines and flume.

GLENDALE, Cal. — Until 10 a. m., Feb. 28, bids will be rec. by council for 3440 ft. 16-in. 12-gauge double dipped, double riveted, steel drive pipe, to be delivered alongside ditch near San Fernando Rd. and Grandview Ave. Cert. check 10%. A. J. Van Wie, city clerk. Ben F. Dupuy, city engineer.

MISCELLANEOUS CONSTRUCTION

SANTA ROSA, Sonoma Co., Cal. — Pacific Gas and Electric Co., 445 Sutter St., San Francisco, granted permits by city council to erect gas container in 1st St. and out-door transformer sub-station in Ellis St., the former to cost $75,000 and the latter, $50,000.

SAN FRANCISCO—Mayor Jas. Rolph Jr., recommends to Board of Supervisors a $200,000 appropriation to finance construction of two fountains in the Civic Center.

LOS ANGELES, Cal. — Pacific Electric Ry. will shortly take bids to const. proposed tunnel from the 4th St. station to connect with Glendale Blvd. The project is estimated to cost $3,000,000. It is understood that plans and spec will be submitted to a selected list of bidders only.

VANCOUVER, B. C.—Spillers, Inc., the English milling firm, represented in Vancouver by A. Ingram, consulting engineer, will shortly commence construction of a $2,500,000 grain elevator in Vancouver. Will have capacity of 2,500,000 bushels.

RIVERSIDE, Cal.—Amos Jones, of Los Angeles, supt. of the Riverside Cement & Asbestos Mfg. Co., states that work will start at once on const. of 1000-bbl. capacity cement plant at Eden Hot Springs, near the foot of the Jackrabbit trail. This plant will utilize the asbestos from mines near Globe Ariz., owned by the company. Products of the plant will include shingles, tile, wall board, corr. and flat lumber. About 300 men will be employed in night and day shifts.

SEAL BEACH, Cal.—L. A. Gas and Electric Corp. has started soundings on property purchased at Seal Beach for $12,000,000 gas plant. Active const. is to start within a month.

WATER WORKS

NAPA, Napa Co., Cal. — Following bids taken under advisement by city council for Milliken Canyon Pipe line project for municipal water system (1) excavate and refill trench; (2) haul, distribute and lay pipe:

John H. May, total 60 cents on both schedules.

Holser & Stanley, 28 cents on Schedule 1.

Sacramento Pipe Works, 30 cents on Sched. 2.

Bordwell & Zimmerman, 40 cents on Sched. No. 1 and 20 cents on Sched. 2.

Other bidders were: Frederickson & Shannon; Chambers and DeGolyer; Fred Meyers and O. Boroni. A. Kempkey, consulting engineer, Hobart Bldg. San Francisco.

SANTA MONICA, Cal.—All bids rec. by council to const. new waterworks system under the bond issue returned to bidders unopened. This action was taken after Commissioner of Finance Helton read a letter to the council from the city attorney in which the latter stated that in his opinion the advertising of the call for bids for this work was not in accordance with the city charter and with the 1901 act, under which the bond issue was voted. He also stated that objection had been made by bidders to the signature of the Elrod Engineering Co., consulting engrs. on the job, to the advertising, whereas the advertisements should have been signed by Commissioner of Public Works John A. Morton and the city clerk. Bids were submitted by and returned to the following: Claude Fisher, Sidney Smith, Kneen Paving Co., Thomas Haverty Co. and two other bidders whose names were not available.

SAN FRANCISCO — Union Machine Co., 934 Brannan St., and Pelton Water Wheel Co., 19th and Harrison Sts., submit bids to Bd. Pub. Works to fur. and del. two 42-in., one 36-in. and four 20-in. gate valves under contract No. 100, Hetch Hetchy Water Supply project. Bids referred to City Eng. M. M. O'Shaughnessy for tabulation and report.

SAN FRANCISCO — Union Machine Co., 934 Brannan St., Bethlehem Shipbldg., Corp., 18th and Illinois Sts., and U. S. Cast Iron Pipe and Foundry Co., Monadnock Bldg. all of San Francisco, submit bids to Bd. Pub. Wks. to furnish and deliver flexible cast iron pipe for submarine portions of the Hetch Hetchy Aqueduct Bay crossing division; est. cost, $220,000. Bids were referred to City Eng. M. M. O'Shaughnessy for tabulation and report. The project involves 1625 tons of flexible joint pipe; 30 tons 42-in. bell and spigot pipe and one special pipe for west end of Dumbarton submarine siphon.

WHITTIER, Cal. — Until March 10, 7:30 p. m., bids will be rec. by C. O. Trueblood, city clerk, to const. irrigation system for city. Plans obtainable on deposit of $5 from J. M. Kemmerer, 107 Berry Bldg., Whittier. Cert. check $200 req. with each bid.

SANTA CRUZ, Santa Cruz Co., Cal.—Western Pipe and Steel Co., 444 Market St., San Francisco, at $95,864, awarded cont. by council to fur. and install:

7800 ft. 22 3/16-in. and 1400 ft. 22¼-in. soil proof, double riveted, steel pipe with field welded joints, installed complete.

4800 ft. 14-in. by 12-gauge and 2000 ft. 10-in. by 12-gauge, soil proof, double riveted, steel pipe, slip joints, installed complete.

600 ft. 10-in. by 12-gauge and 13,600 ft. 10-in. by 10-gauge soil proof, double riveted, steel pipe, with field welded joints, installed complete.

Montague Pipe and Steel Co., San Francisco, only other bidder at $96,824

CORCORAN, Kings Co., Cal.—Until Feb. 25, 8 p. m., bids will be rec. by Jas. C. Condon, city clerk, to fur. turbine pump with motor and starter insecon, as more fully described in **call for bids under official proposal section in this issue.**

VERNON, Cal.—Chapman Valve Mfg. Co., 1007 Santa Fe Ave., awarded contr. by city trustees at $6985 to fur. gate valves for water works system.

SAN BRUNO, San Mateo Co., Cal. — Until Feb. 27, 8 p. m., bids will be rec. by Nettie A. Willits, city clerk, to construct 7 rein. conc. settling tanks, suction reservoir tank, pump foundations, motor foundations and building foundations for municipal water system. Cert. check 10% req. with each bid. Geo A. Kneese, Courthouse, Redwood City, eng. **See call for bids under official proposal section in this issue.**

PASADENA, Cal.—The Pacific Pipe & Supply Co awarded contract at $173,806.92 to fur. assorted pipe for use of municipal water dept. This bid was for a Pont-a-Mousson pipe per City of Paris, France, specifications. All bids for fittings were rejected, purchase of these to be made separately. Other bids were: Stephen Smith Co., $7200 ft. 24-in., $43,843; U. S. Cast Iron Pipe & Fitting Co., 24,000 ft. 4-in., $18,175.20; 24,000 ft. 4-in., alt., $17,952; 50,000 ft. 6-in. $51,500; alt. 1, $51,000; alt. 2, $44,940; 18,000 ft. 8-in. $26,460; 10,000 ft. 12i-n., $25,400; same in 5 meter lengths, $51,400; 5160 ft. 20-in., $27,451.20; 3528 ft. 24-in., $25,013.52; alt. 1, $25,593; alt 2, $23,249.12; 7200 ft. 24-in., $51,048; alt 1, $47,448; alt. for item 5, 24-in. $50, $328 and $44,784; item 7, fittings, $230 for 2 tons and $5250 for 50 tons; item 8, 20 24-in., $2520 for 24 tons. McWane C. I. Pipe Co., item 1, $15,300; item 2, $46,450; Thos. Haverty (1) $60.82 ton; (2) $59.65; (3) $58.50 for 8-in. and $58.50 for 12-in.; (4) $57.80; (5) $57.35; (6) $58.50; (7) fittings, $130; (8) fittings, $132.

BEVERLY HILLS, Cal.—Until 8 p. m., March 3, bids will be rec. by city clerk to fur. seven direct connected motor driven centrifugal booster pumping units. Spec. on file at office of Salisbury, Bradshaw & Taylor, consulting engrs., 518 Mortgage Guarantee Bldg., Los Angeles. John G. Soulay city clerk.

VERNON, Cal.—Chapman Valve Mfg Co., 1007 Santa Fe Ave., Los Angeles, awarded contr. by city trustees at $6,958 to fur. gate valves for the new waterworks system.

VERNON, Cal.—Until 10 a. m., March 4, bids will be rec. by city trustees to fur. for new municipal waterworks the following: (1) 125 high pressure fire hydrants; (2) 1 Ventura metre of 6000 gal. per min. cap.; (3) steel tank of 100,000-gal. capacity and 100-ft. tower. Cert. check or bond 10%. Howard McCurdy, Pacific Elec. Bldg., Los Angeles city engineer.

LOS ANGELES, Cal.—Bids rec. by public service comm. to fur. 10-in. class B cast iron were:

Grinnell Co. of the Pac. (1) f. o. b. San Pedro, $1.60 ft; (2) f. o. b. Aqua Siding, L. A., $1.65 ft; shipment to be made from Belgium during April.

Pacific Pipe & Supply Co. (1) $1826 per ton. $57.70; (2) $1826 per ton, $57.70 commence del. 10 wks.; complete in 14 weeks.

U. S. Cast Iron Pipe & Fdy. Co. (1) $1.88 ft., De Lavaud $1.84; (2) $1.92, De Lavaud, $1875; del De Lavaud during March.

National Cast Iron Pipe Co (1) $58.75 per ton, De Lavaud, $2.$544 per ft.; (2) $60.05, De Lavaud, $2.0917 per ft.; shipment of either during March.

Thomas Haverty Co. (1) $54.80 per ton; (2) $56 per ton; delivery during March.

WOODLAKE, Tulare Co., Cal. — S. Sweet Co., Visalia, at $620 awarded contract by Woodland Grammar School District to install pressure water system in school grounds.

SANTA MONICA, Cal.—Until 10 a. m. March 4, bids will be rec. by City Clk. to fur. pipe, trench, lay pipe and backfill in connection with the new municipal water distributing system, involv. the following quantities (Riveted steel pipe)—13,800 ft. 20-in., 10 gauge; 9600 ft. 16-in. 10 gauge; 3200 ft. 12-in. 12 gauge, 6000 ft. 8-in., 14 gauge. Alternativ ebids on riveted steel pipe will be received for wood stave pipe. (Class B cast iron pipe)—13,500 ft. 24-in., 3550 ft. 20-in., 15,510 ft. 16-in., 9670 ft. 14-in., 51,270 ft. 12-in., 11,950 ft. 10-in., 46,430 ft. 8-in., 21,320 ft. 6-in., 6500 ft. 4-in., valves as follows: 6 24-in., 2 20-in., 10 16-in., 7 14-in., 45 12-in., 12 10-in. 35 8-in., 27 6-in., 14 4-in., 150 fire hydrants (Keystone or equal); 20 valve manholes, connections to present mains on cost plus basis. Cert. check, $40,000, made payable to order of F. A. Helton, finance commissioner. Plans obtainable from engr. H. E. Elrod, 209 Mills Fraser Bldg., Santa Monica, upon deposit of $10.

PLAYGROUNDS AND PARKS

WILLOWS, Glenn Co., Cal. — J. L. Napton, of Willows, plans construction of a series of auto park camps in various sections of the Pacific Coast, from San Diego to Seattle, each being at intervals of approx. 150 miles.

REDDING, Shasta Co., Cal.—Redding Tennis Club will co-operate with women's organizations to finance construction of three tennis courts, one at grammar school, one at west side school and a third at the S.P. depot.

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MADERA, Madera Co., Cal. — Until March 1, 4 p. m., bids will be rec. by W. S. Orvis, secy. Madera Union High School District, to fur. and del. following materials to be metal as manufactured by U. S. Steel Products Co., or equal:

2 corner posts No. 8, 9 ft.
4 end posts, No. 8, 9 ft.
70 No. 14½ gauge 8-ft. tubular galvanized line posts.
70 extension arms for line posts.
6 extension arms for end posts 2½-in.
Fencing, 58-in. Ellwood Special 2-in. mesh gates.
Two 12-ft. by 58-in. gates.
One 3-ft. by 58-in. gates.

All bids to be f. o. b. Madera. Further information obtainable from secretary.

SAN FRANCISCO—Mayor Jas. Rolph Jr., recommends to Board of Supervisors a $200,000 appropriation to finance construction of two fountains in the Civic Center.

SAN MATEO COUNTY, Calif.—Islam Temple, Mystic Shrine, San Francisco, at a price exceeding $100,000, has purchased 1640 acres in the s.e. section of San Mateo county for ceremonials and entertainments of the Masonic orders around San Francisco Bay.

CHICO, Butte Co., Cal.—Until March 4, bids will be rec. by Chas. H. Camper secy. Board of Education, to clear high school lands of orchard wood and orchard tree stumps, fill in holes and prepare land for plowing. Spec. obtainable from secretary.

EUREKA, Humboldt Co., Cal.—Fred M. Kay, county clerk, will ask bids at once to construct auto parking grounds and building at Little river site. A. N. Foster, architect, Eureka.

SEWERS & STREET WORK

NEWPORT BEACH, Cal.—Until 7:30 p. m., March 3 new bids will be rec. by city trustees to imp. portions of 14th St., Broad St., San Bernardino Ave. and Ocean Dr., involv. 19,500 sq. ft. grading, 25,500 sq. ft. 6-in. conc. pavement, including grading; 10 granite conc. lamp posts with conc. bases, complete; 2 conc. bases complete; 1500 ft. ¾-in. dia. sherardized iron conduit with No. 6 lead covered cable; 550 ft. 1½-in. dia. sherardized iron conduit with two No. 6 cables. Cert. check or bond 10% Plans and spec. on file at office of Paul E. Kressly, consulting engr., 732 H. W. Hellman Bldg., Los Angeles. 1911 Act. Alfred Smith, city clerk. Two bids recd Feb. 11 were irregular and were rejected without reading, as the bid forms were not according to city requirements.

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, clerk, declares intention to imp. 11th St., bet. Santa Clara and Taylor Sts., involv. grading and paving with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs and gutters; 1 br. catchbasin; 8-in. vit. pipe drains; 3 storm water inlets. 1911 Act and Bond Act 1915. Protests March 3. Wm. Popp, city eng.

PORTERVILLE, Tulare Co., Cal. — Council, Geo. D. Avery, clerk, declares inten. to imp. following streets:

D St., bet. Mill and Vine, and Vine St., bet. D and South Main, involving grading and filling; pave with 5-in. hyd. cem. conc. curbs, gutters and culverts; wood floor and sidewalk bridge construction; conc. pipe drains; conc. inlet basins with c. i. gratings.

Orange St., bet. South Main and Jaye Sts., involv grade; const. cem. conc. curb and gutter; pave with 5-in. hyd. cem. conc.

F St., bet. Morton and Cherry and West Putnam bet. F and E Sts., involv. grading; const. cem. conc. curbs and culverts; pave with 5-in. hyd. conc.

1911 Act and Bond Act 1915. Protests March 6. Fred Pease, city eng.

EUREKA, Humboldt Co., Cal.—Supervisors petitioned to const. new road from McCann's to Alderpoint, via Eel Rock and Fort Seward. Referred to County Surv. A. J. Logan for report.

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, clerk, declares intention to imp. 2nd St., bet. Taylor and Rosa Sts., involv. grade and pave with 1½-in. Durite asph. conc. surface with 3-in. Durite asph. conc. base; hyd cem. conc. curbs, gutters and walks; 3 br. catchbasins; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests March 10. Wm. Popp, city eng.

IMPERIAL COUNTY, Calif.—Following bids rec. by State Highway Comm., Feb. 18, to grade and surface with crushed gravel or stone, 11.9 mi. in Imperial county bet. 2¼-mi. east of Sand Hills and the Colorado river, involving 94,200 cu. yds. roadway excavation without classification; 156,500 sta. yds. overhaul; 800 cu. yds. structure excavation without classification; 25,800 cu. yds. crushed gravel or stone surface (furnishing and placing); 1700 cu. yds. crushed gravel or stone subbase (furnishing and placing); 70,000 yd. mi. haul crushed gravel or stone; 210 cu. yds. class A concrete (structures and monuments); 175 hundredweights bar rein. steel in place (structures); 42 lin. ft. 24-in. and 462 lin. ft. 30-in. corrugated metal pipe; 212 monuments. Commission will furnish corru metal pipe.

Kisselburg, Schmidt & Hitchcock
Phoenix, Ariz. $165,436
H. D. Churchill & Co., L. A. 167,666
Ishell Constr. Co., Fresno 179,897
Plumenkranz & Vernon, Stktn 183,349
Pioneer Transfer Co., Calexico. 185,485
Hall-Johnson Co., Riverside ... 197,006
White & Miller, Yuma, Ariz. ... 201,693
Williams, Singletary & McGregor
Colton, Cal. 273,911
Engineer's estimate 177,259

OAKLAND, Cal. — Frank D. Moller awarded cont. by council to imp. portions of Walsworth and Oakland Aves. etc., involv. cem. walks, $3.34 lin. ft.; flight of steps, $116.30; lighting system $220; total bid $920.80.

VENICE, Cal.—City trustees declare inten. to imp. portions of 36th Ave., 37th Ave., 38th Ave., 39th Ave., betw. Trolleyway and the Esplanade, grade; pave with 5-in. conc.; const. concr. retaining walls, 8-in. c. i. pipe sewer; also 2 centrifugal pumps and two 5 h.p. motors; 1911 act. John B. Griffin, city engineer.

BAKERSFIELD, Kern Co., Cal. — California Const. Co., 58 2nd St., San Francisco, at approx. $840,090.50 submits low bid to county supervisors to imp. 38-mi. of highways in the western section of the county. F. Rolandi, San Francisco, submitted only other bid at approx. $1,097,355. Bids taken under advisement for one week. Unit bids were:

California Construction Co., (1) grading on old work, cut, $.58 cu. yd; (2) grading on old work, fill, $.58 cu. yd; (3) grading on new work, cut, (no bid); (4)) grading on new work, fill, no fid; (5) 6-in. asph. pave, $.235 sq. ft; (6) 6-in. asph. shoulders, $.246 sq. ft.; (7) 5-in. asph. conc. surface, $.221 sq. ft.; (8) 4-in. asph. conc. surface, $.188 sq. ft.; (9) 18-in. iron culverts, $5.50 lin. ft.; (10) 24-in. iron culverts $7 lin. ft; (11) 36-in. iron culvert, $11.50 lin. ft; (12) conc. culv. headwalls $33 lin. ft.; (13) timber fence guard, $2.50 lin. ft.; (14) timber piles, $2 lin. ft; (15) rein. conc. in bridges, $33 cu. yd; (16) plain conc. in bridges, $30 cu. yd; (17) excavations for concrete, $.58 cu. yd.

F. Rolandi, 550 Montgomery St., San Francisco. (1) $.90; (2) $.90; (3) $1; (4) $1; (5) $.29; (6) $.31; (7) $.28; (8) $.24; (9) $.750; (10) $9; (11) $15; (12) $40; (13) $3.50; (14) $2.50; (15) $45; (16) $40; (17) $2.50.

Southwest Paving Co., Los Angeles, in communication to supervisors declared its intention of bidding on the project but failed to do so questioning certain proceedings in connection with the work.

W. S. Farley, consulting engineer, Monadnock Bldg., San Francisco.

OLYMPIA, Wash. — Until March 11, 10 a. m., bids will be rec. by State Highway Department, Jas. Allen, chief engineer, for following projects:

Surface with crushed rock 7.1 mi. of State Road No. 3 (Inland Empire Highway) bet. Indio and Pomona, Kittitas County.

Pave with conc. 4.64 mi. of State Road No. 9 (Olympic Highway)) from Grays Harbor-Thurston County Line East, Thurston County, Federal Aid Project No. 141-B.

Pave with conc. 6 mi. of State Road No. 9 (Olympic Highway) from Perry Creek West, Thurston County, Federal Aid Project No. 141-B.

Clear, grade and drain 7.37 mi. of State Road No. 3 (Inland Empire Highway) bet. Waitsburg and Dayton in Columbia and Walla Walla Counties.

Clear 6.62 mi. of State Road No. 9 (Olympic Highway) from the Queets River Southeast in Grays Harbor and Jefferson Counties, Federal Aid Project No. 113, Section C.

EL CERRITO, Contra Costa Co., Cal. —City Eng. Ross L. Calfee preparing estimates to pave 3 blocks in El Cerrito Park and install 2 fire plugs, also to pave 1 block of Pomona Ave.

SANTA BARBARA, Cal.—City engr. preparing plans to pave Pedregosa St. bet. Grand Ave. and Alameda Padre Serra, Wellington Ave., and for Bath St., bet. 5th and Alamar Sts.

HAWTHORNE, Cal. — Council declares inten. to pave Broadway betw. Hawthorne Ave and w. city boundary with 1½-in. Willite on 3-in. asph. conc. base, with 2-in. decom. granite subbase, const. curbs, gutters and walks, lighting system, corr. iron pipe drains; 1911 and 1915 acts. W. B. Shaw, city clerk.

LOS ANGELES, Cal.—Chalmers & Ford, 728 H. W. Hellman Bldg., awarded contr. by Bd. Pub. Wks. at $21,104 to imp. Raymond Ave., bet. 59th Pl. and 64th St., involv. grading at $1500 (lump sum); 286,357 sq. ft. oil and roll 4.7c ft.; 2429 ft. curb 60c ft.; 12,294 sq. ft. walk 19.5c ft.; 7632 sq. ft. gutter 30c ft.

L. A. Paving Co., 2900 Santa Fe Ave., awarded cont. at $25,223 to improve Larchmont Blvd., bet. Melrose Ave. and Beverly Blvd., involv 76,664 sq. ft. warrenite-bitul. paving.

HAWTHORNE, Cal. — City trustees petitioned to pave all of the streets, incl. curbs and walks, in the Burleigh dist. City engr. instructed to prepare proceedings to pave Menlo Ave., betw. Wallace St. and n city limits.

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SACRAMENTO, Cal.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, operating street car system will spend $125,000 in improvements which will include the purchase of 5 steel cars. Repaving streets and relaying tracks are other improvements. E. W. Florence is dist. mgr. for company at Sacramento.

HUNTINGTON Park, Cal.—Until 8 p. m., March 3, bids will oe rec. by city trustees to const. outfail sewer, Santa Fe and Florence Aves. to Los Angeles river, about 4 mi., consisting of 12 to 24 n. vit. pipe; contr. to furnish pipe. Cert. check for 10%. Howard McCurdy, Pac. Elec. Bldg., Los Angeles, engr.

REDONDO BEACH, Cal.—City trustees declare inten. to imp. 11th St., bet. Hermosa Ave. and e line of lot 177, Ocean Beach sub; grade; pave with 5-in. oil and screenings pavement, const. 4½-ft. walks, "A" curb and curb returns; 1911 act. Harry Polglase, city clerk.

RIVERBANK, Stanislaus Co., Cal. — City trustees at an early meeting will outline extensive street paving program to be undertaken this year.

OREGON STATE—Until Feb. 27, 2 p. m., bids will be rec. by State Highway Commission, meeting in Multnomah county courthouse, Portland, for following projects:

Benton county — Albany-Corvallis section of Albany-Corvallis Highway 9.5 mi. conc. pave, 18-ft. wide.

Coos County—Glasgow-Hauser Sec. of Roosevelt Coast Highway, 6.2 mi. of roadbed widening and new broken stone or crushed gravel surfacing involving 42,000 cu. yds. of excavation and 10,850 cu. yds. of surfacing materials.

Jackson county — McLeon-Cascade Gorge sec. of Medford-Crater Lake Highway, 10.24 miles of broken stone surfacing involv. 23,600 cu. yds. of broken stone.

Klamath county — Olene-Bonanza sec. of Klamath Falls-Lakeview Highway, 6.74 mi. grading and broken stone surfacing and 7.0 miles of broken stone resurfacing, involv. 53,000 cu. yds. of excavation and 19,650 cu. yds. of broken stone.

Umatilla county—McKay Creek-Pendleton sec. of the Oregon-Washington Highway, 2.64 mi. of grading, 3.1 mi. of broken stone surfacing and 2.0 mi. of broken stone resurfacing involving 20,000 cu. yds. of excavation and 11,000 cu. yds. of broken stone.

Yambill County—St. Joseph sec. of West Side Highway, 1.06 mi., involv. approximately 12,000 cu. yds. of excavation.

Spec. obtainable from Commission at Salem, Ore., on deposit of $5 and may be seen at office of Oregon Chapter A. A. E., 612 Couch Bldg., Portland, Ore. R. A. Klein, State highway eng.

TULARE, Tulare Co., Cal. — City trustees will take bids shortly to const. 10-in. sewer main for Dairymen's Cooperative Creamery.

DEL MONTE, Cal.—See "Government Work," this issue.

OROVILLE, Butte Co., Cal. — Until March 8, Bids will be rec. by city trustees to pave portions of Lincoln, Oak, Pine Sts., etc., bids for which were recently rejected. The bids were:

Chico Contracting Co., Chico, $44,456 Involv. (a) 100 cu. yds. excavation $1.50 cu. yd; (b) 220 cu. yds. embankment, $1 cu. yd; (c) 170,400 sq. ft. Warrenite-Bit. surface on 2½-in. asph. conc. base pavement, $0.215 sq. ft.; (d) 1100 ft. conc. curb, $.60 ft.; (e) 1100 ft. gutter, $.80 ft.

Municipal Improvement Co., Oakland only other bidder at $47,322 (a) $1.50; (b) $1.50; (c) $0.23; (d) $.70; (e) $.80. S. J. Norris is city engineer.

LOS ANGELES, Cal.—City council plans to appropriate $30,600 to widen Wilshire Blvd., bet. Bronson Ave. and the w city limits, to 200 ft.

OAKLAND, Cal.—Council E. K. Sturgis clerk, declares inten. to imp. Dellview St., bet. Nicol Ave. and School St. and portion of Nicol Ave. adjacent to Dellview Ave., involv. grading and paving, const. curbs, gutters & walks; wood culvert. 1911 Act. Protests March 6. W. W. Harmon, city eng.

TULARE, Tulare Co., Cal.—Election will be called shortly to vote bonds to finance construction of sanitary sewers. Geo. S. Lewis, city manager.

SANTA CLARA COUNTY, Calif. — Until March 17, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to pave with asph. conc. and widen with waterbound macadam shoulder, 3.7-mi. in Santa Clara County, bet. Milpitas and Coyote Creek, R. M. Morton, State Highway Eng. **See call for bids under official proposal section in this issue.**

ORANGE, Cal.—City Eng. C. C. Bone-Break preparing spec. to pave various streets with conc., approx. 4-mi., 5-in., 6-in. and 7-in. thick.

SAN BERNARDINO, Cal.—Until 7:30 p. m., March 3, bids will be rec. by council to const. 8-in. vit. pipe sewer in Edelen St., bet. 181 ft. east of Arrowhead Ave. and B St., including flush tank and 16 4-in. connecting sewers; 1911 act.

Separate bids to const. 8-in. vit. pipe sewer, with manhole and 43 4-in. hse. sewers, in L St. bet. 120 ft. s of 11th St. and Ninth St.; 1911 act. J. H. Osborn, city clerk.

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, clerk, declares inten. to imp. 12th St., bet. Julian and Empire Sts., involv. grading and paving with 1½-in. Durite asph. concrete surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs, gutters and walks; 1 hr. catchbasin; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests March 3. Wm. Popp, city eng.

SAN JOSE, Santa Clara Co., Cal. — Council, J. J. Lynch, clerk, declares inten. to imp. 15th St., bet. Jackson and Taylor, involv. grading and paving with 1"-in. Warrenite-Bit. surface on 3-in. bit. conc. base; hyd. cem. conc. curbs, gutters and walks; 1911 Act & Bond Act 1915. Protests March 3. Wm. Popp, city eng.

SAN DIEGO, Cal.—Until 10:15 a. m., March 3, bids will be rec. by supervisors to imp. portions of Routes 5 and 6, Julian road Nos. 3A and 3B (Ramona road in Santa Maria Valley). Deposit of $5 req. for plans. Bids will be taken on cem. concr. Willite and Warrenite paving. The length of the road to be improved is about 5 mi.

HUNTINGTON BEACH, Cal. — City trustees declare inten. to imp. 16th St., bet. Ocean Ave. and Palm Ave., involv. grade; pave with 2-in. Willite on 3-in. asph. conc. base, const. galv. iron culverts, ornam. light system involv. 23 standards; 1911 act. W. R. Wright, city clerk.

SAN JOSE, Santa Clara Co., Cal. — Council, J. J. Lynch, clerk, declares intention to imp. 9th St., bet. Martha & Keyes, involv. grading and paving with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs, gutters and walks; 2 br. catchbasins; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests March 3. Wm. Popp, city eng.

SACRAMENTO, Cal.—See "Schools," this issue. Bids wanted to grade and fill portions of high school grounds, approx. 74,000 sq. ft.

FULLERTON, Cal.—City trustees approve spec. to pave practically all unpaved sts. in the east side; pavement to be 4 & 5-in. W. C. Record, city eng.

LIVINGSTON, Merced Co., Cal. — March 3rd is date set by city trustees to hear protests against paving streets in northern section of city, including Cressey St., north and Davis St., east to the city limits.

SAN DIEGO, Cal.—Until 10:15 a. m., March 3, bids will be rec. by supervisors to imp. portions of Routes 5 and 6 Julian Road Nos. 3A and 3B (Ramona Rd. in Santa Maria Valley). Alternate bids will be taken on 4 types of paving incl. cem. conc., asphalt, warrenite and willite. Spec. obtainable from clerk on deposit of $5. Cert. check 5%.

RIVERSIDE, Cal.—R. T. Shea, Riverside, awarded contr. by supervisors at $107,376 to imp. portion of Rte. 8, Beaumont to foot of Moreno Grade, Jack Rabbit Trail, involv. 33,652 lin. ft. shaping 20 ft. wide 33.5c ft.; 33,652 lin. ft. macad. pavement 18-ft. wide 15.7c ft.; 300 lin. ft. curb $1 ft.; 8 catch basin walls, and laying 30 ft. of 8-in. corru. iron pipe, and 22 ft. of 12-in. corru. pipe, and const. two headwalls, $200 lump sum; $20.2 cu. yds. conc. in ford, $27.50 yd. All materials in items 2, 3 and 4 to be furnished by contractor.

PASADENA, Cal.—J. E. Haddock, 357 N Chester St., Pasadena, awarded cont. by city directors at $25,449 to pave Villa St., bet. Hill Ave. and e city limits, involv. grading, paving, walk, curb, gutter.

COLUSA, Colusa Co., Cal.—Supervisors accept bid of Heller, Bruce Co., of San Francisco, offering premium of $13,780 for purchase of $605,000 block of county highway bonds.

MONROVIA, Cal. — Chas. B. Ryan, 1363 Sunset Blvd., Los Angeles, awarded the contract to excavate and grade for Monrovia Canyon Syndicate in Monrovia Canyon, near Monrovia; const. covers; approx. 100,000 cu. yds. of earth and rock work, in grading roads, trails and building sites which is being developed for the sale of cabin and villa sites. Harry A. Schenck civil engineer and surveyor, 3074½ Pico St., formerly chief of surveys Southern California Edison Co., is the engineer on the proect.

VENICE, Cal.—City trustees declare inten. to const. 6-in. vit. pipe san. sewer in Pleasant View Ave., bet. 24 ft. s.e. from Broadway and California Ave. 1911 Act. T. H. Hanna, city clerk. John B. Griffin, city engr.

LA VERNE, Cal.—City trustees will place a sewer bond issue on the ballot at the municipal election April 14. The amount has not been determined.

PASADENA, Cal.—deWaard & Cobham awarded contr. on the Arroyo Blvd. sewer at $5.15 per lin. ft., ask city directors to allow them to withdraw bid, as they omitted 63 manholes at $85 each. No action taken.

SUISUN, Solano Co., Cal.—City trustees will call election to vote bonds of $50,000 to finance street improvements and installation of electrolier system, $37,500 for the former and $12,500 for the latter.

SAN FRANCISCO—M. J. Lynch, 644 2nd Ave., at $.15 sq. ft. submits low bid to Bd. Pub. Wks. to const. 14,744 sq. ft. art. stone walks in San Bruno Ave. bet. Sweeney and Olmstead Sts. Other bids were: Harry R. Love, $.17; Municipal Const Co., $.178; M. Bertolino, $.16.

M. J. Lynch low at $.15 sq. ft. to const. 20,610 sq. ft. art. stone walks in Lee, Granada Aves., etc. Other bids were: Harry R. Love, $.17; Municipal Const. Co., $.166; M. Bertolino, $.17.

Harry R. Love, 195 Eureka St. at $.35 sq. ft. low bidder to const. 690 sq. ft. art. stone walks in Commercial St. from the Embarcadero to pt. 125 ft. west. M. Bertolino, only other bidder, at $ 47 sq. ft.

SAN FRANCISCO — Municipal Construction Co., 112 Lyon St., at $31,374 submits low bid to Bd Pub. Wks. to imp. Silver Ave., bet. Mendell and Vienna Sts. Three lowest bids follow:

Municipal Const. Co., (a) 7,000 cu. yds. cut, $.53; (b) catchbasins, $75 ea; (c) 840 lin. ft. 10-in. culverts, $.80 lin. ft; (d) 102,016 sq. ft. conc. pavement, $.224—total $31,374;

Fay Improvement Co., (a) $.70; (b) $102.75; (c) $1.63; (d) $.22—total $31,589.

Jas. M. Smith, (a) $.40; (b) $115; (c) $1.50; (d) $.245.

Louis J. Cohn, 110 Sutter St., at $3,330 low bidder to sewer Berry St., from 2nd St. to outlet involv. (a) 460 lin. ft. 15-in. sewer, $6.75; 10 15-in. wye branches, $2.50; 2 br. manholes, $100 ea: Total $3,330. Next two low bidders were:

Jas. M. Smith, (a) $7; (b) $2; (c) $120.

Martin Murphy, (a) $7; (b) $2; (c) $125.

SAN FRANCISCO—Jas. M. Smith, 715 Ocean Ave., at $4,409 submits low bid to Bd. Pub. Wks. to imp Newhall Ave. bet. Hudson and 3rd Sts., involv. (a) 400 cu. yds. cut, $1; (b) 530 lin. ft. conc. curb, $1.10; (c) 390 sq. ft. art. stone walks, $.18; (d) 2 br. catchbasins, $130; (e) 50 lin. ft. 10-in. culvert, $2.50, (f) 10,610 sq. ft. asph. conc. pavement, $.28—total $4,409. Next two bidders were:

Fay Imp. Co., (a) $1.35; (b) $1; (c) $.22; (d) $130; (e) $2; (f) $.28—total $4,506.

Raisch Imp. Co., (a) $1.75; (b) $1.15; (c) $.20; (d) $130; (e) $2.50; (f) $.275—Total $4,658.

WHITTIER, Cal.—City trustees declare inten. to imp. Friends Ave., bet. 300 ft. n and 629 ft. n of Short St., grade and pave with 6-in. conc., const. 5-ft. walk, curb; 1911 act. C. O. Trueblood, city clerk.

MADERA, Madera Co., Cal. — City trustees rescind action agreeing to share cost with Peoples Ice Co., in the construction of a storm sewer in North E St.

NAPA, Napa Co., Cal.—City Eng. H. A. Harrold has completed spec. to imp. W-1st St. from end of present pavement at Jefferson St. to Monroe St.

MANHATTAN, Cal. — Until 8 p. m. March 6, bids will be rec. by city trustees to imp. El Camino Real, bet. s city limits and present pavement in Centre St.; etc., grade and pave with cem. conc.; 1911 act. Llewellyn Price, city clerk.

RICHMOND, Contra Costa Co., Cal.—Until March 3, 8 p. m., bids will be rec. by A. C. Faris, city clerk, to imp. 34th, 35th and 36th Sts., bet. Macdonald Ave. and Richmond Pullman Home Tract; Nevin & Roosevelt Aves., betw. Richmond Pullman Home Tract and 37th St., and 37th St., at intersection of Roosevelt Aves., incl. grade and pave with 8-in. Richmond Standard macadam; cem. conc. curbs, gutters, walks, wing walls and portals, catchbasins; corru. iron pipe; corru. iron and conc. culverts; vit. sewers; br. and concrete manholes, 1911 Act. Cert. check 10% payable to city req. H. D. Chapman, city engineer.

OAKLAND, Cal. — Council, E. K. Sturgis, clerk, declares inten. to imp. portions of Bartlett and Lynde Sts., involv. grade and pave; const. curbs, gutters and walks; culvert. 1911 act. Protests March 6. W. W. Harmon, city engineer.

LOS ANGELES, Cal.—Geo. R. Curtis, 2440 E 26th St., awarded contract by Bd. Pub. Wks. at $13,925 to imp. Wall St. bet. Santa Barbara Ave. and 42nd St., involv. grading at $1200 (lump sum); 36,206 sq. ft. asph. paving 25c ft.; 800 sq. ft. bitum. paving 12c ft.; 3675 ft. curb 65c ft.; 113 sq. ft. walk 25c ft.; 3777 ft. hse. sewers $1.65 ft.

O. M. Patton awarded cont. at $16,121 to imp. Perlita Ave., bet. Fletcher Dr. and Tyburn St., involv. grading at $2169; 29,280 sq. ft. oil and roll 6c ft; 5348 ft. curb 65c ft.; 27,012 sq. ft. walk 20c ft.; 10,364 sq. ft. gutter 32c ft.

J. A. Mathews, 1230 N Olive Dr., awarded cont. at $10,039 to imp. Ave 52 bet. Coringa Dr. and 1160 ft. n.e., involving grading at $1147.90 (lump sum); 29,898 sq. ft. oil and roll 7c ft; 2300 ft. light curb 55c ft; 1,500 sq. ft. walk 20c ft.; 4600 sq. ft. gutter 30c ft; san. sewer, $1842.

SALINAS, Monterey Co., Cal.—Council, M. R. Keef, clerk, declares inten. to imp. Gallban St., involv. grading and reshaping present waterbound macadam and fill with base rock to bring roadway to sub-grade; const. hyd. cem. curb and gutter; pave with 2-in. Warrenite-Bit. surface; const. hyd. cem. conc. catchbasins; lay 4-in. corru galv iron pipe culverts. 1911 Act & Bond Act 1915. Protests March 10. Howard Cozzens, city eng. Estimated cost $10,512.

TULARE, Tulare Co., Cal.—City Manager George Lewis estimates cost of installing sewer system, including septic tanks, at $200,000. A bond issue is contemplated to finance the work.

SALINAS, Monterey Co., Cal.—Until March 4, 2 p. m., bids will be rec. by T. P. Joy, county clerk, to grade and surface portions of the San Miguel Canyon Rd., in Rd. Dist. 1. Spec. obtainable from office of clerk. Howard Cozzens, county surveyor.

BURLINGAME, San Mateo Co., Cal.—Eaton and Smith, 715 Ocean Ave., San Francisco, at $19,895 awarded contract by city trustees to imp. Broadway bet. El Camino Real and San Mateo Dr., involv. grading and paving with 4½-in asph. conc. base with 1½-in. asph. conc. surface; conc. curbs and gutters. Pacific States Const. Co. only other bidder at $21,626.

SAN FRANCISCO. City Construction Co., Call Bldg., submits only bid to Bd. Pub. Wks. to imp. Moscow St., bet. Persia and Brazil Aves., (where not already improved), involv 450 lin. ft. conc. curb, $1; 4,350 sq. ft. art. stone walks, $.20; 9,000 sq. ft. conc. pavement $.295.

E. C. Moran, 241 19th Ave., low bidder at $330 to sewer Jarboe St., bet. Mountain and Anderson, involv (a) 120 lin. ft. 8-in. sewer, $1.95 lin. ft; (b) 6 8-in. wye branches, $4 ea.; (c) 1 br. catchbasin, $90. F. M. Gallagher only other bidder at (a) $2; (b) $1; (c) $100.

IMPERIAL COUNTY, Cal.—Kisselburg, Schmidt & Hitchcock, Phoenix, Ariz., at $165,436 (engineer's estimate, $177,259) awarded cont. by State Highway Commission to grade and surface with crushed gravel and stone 11.9 mi. in Imperial county bet. 2¼ mi. east of Sand Hills and the Colorado river, involving 94,200 cu. yds. roadway excavation without classification; 156,500 sta. yds. overhaul; 800 cu. yds. structure excavation without classification; 25,800 cu. yds. crushed gravel or stone surface (furnishing and placing); 1700 cu. yds. crushed gravel or stone subbase (furnishing and placing); 70,000 yd. mi. haul crushed gravel or stone; 210 cu. yds. class A concrete (structures and monuments); 175 hundredweights bar rein. steel in place (structures); 42 lin. ft. 24-in. and 462 lin. ft. 30-in. corrugated metal pipe; 212 monuments. Commission will furnish Corrugated metal pipe.

VENICE, Cal.—City trustees declare inten to imp. Indiana Ave. bet. Lincoln Blvd. and n. e. line of Tract No. 7028, grade and pave with 5-in. concr., const. curbs, returns, walk; also paving portions of other streets with 4-in. conc., etc.; 1911 act. T. H. Hanna, city clk.

SAN LUIS OBISPO, Cal.—City Eng. Walter B. Rosehp preparing spec. to imp. Santa Barbara Ave., bet Osos and Broad Sts., involv. grade; pave with 4-asph. macadam surface; conc. curbs and gutters.

MODESTO, Stanislaus Co., Cal.—Until March 11, 10 A. M., bids will be rec. by C. C. Easley Jr., County Clerk, to const. 3 ½ mi. of conc. or asph conc. highway to be known as Newman-Hills Ferry highway. Cert check 10% req. Spec. obtainable from County Surveyor J. H. Hoskins.

VENTURA, Ventura Co., Cal. — As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, up to March 10, 2 p. m., to imp. 13.5-mi. of highway in Ventura county, bet. south boundary and Camarillo, 13.5-mi. to be graded; 7.4-mi. to be paved with Port. cem. conc. and 2.5-mi. to be widened with Port. cem. conc. shoulders. Project involves 46,000 cu. yds. roadway excavation without classification; 40,000 sta. yds. overhaul (2 stations or less); 211,500 sta. yds. overhaul (greater than two stations); 1000 cu. yds. structure excavation without classification; 19,150 cu. yds. class A Port. cem. conc. (pavement and shoulders); 400 cu. yds. class A Port. cem. conc. (structures); 357 hundredweights bar rein. steel in place (structures); 34,680 sq. yds. of rein. steel in place (pavement); 90 lin. ft. 12-in., 386 lin. ft. 18-in., 208 lin. ft. 24-in. and 26 lin. ft. 36-in. corru. metal pipe; 150 cu. yards removal of broken conc. in existing base. Commission will furnish corru. metal pipe and cast iron covers for drop inlet culverts. R. M. Morton, state highway eng.

NATIONAL CITY, Cal. — City trustees declare inten. to imp:

I Ave., bet. 4th and 8th Sts., etc., grade; const. conc. curbs, 12-in. corru. iron pipe culverts.

K Ave., bet. 4th and 8th Sts., etc., grade; const. curbs and walks, gutter, 8-in. corru. iron pipe culvert, O. A. Mullen, city clerk.

BERKELEY, Alameda Co., Cal. — Schnoor Bros., Berkeley, awarded cont. by council to imp. Bateman St., betw. Webster and pt. 440 ft. south involv. grade; const. conc. curb and gutter; const. 6-in. vit. sewers with br. manhole and c. l. cover.

TURLOCK, Stanislaus Co., Cal. — City Eng. Horace Hall completes spec. to pave Columbia St., from 1st St. to pave in place in Florence Ave. extending to Park St. Plans being made to pave 3rd St., bet. Lyons ave. and C St. and 4th St., bet. Lander and C Sts.

OAKLAND, Cal. — John Garden awarded cont. by council to sewer Deering St., from Bartlett to pt. 193 ft. s.e., involv. 8-in. sewer $1.40 lin. ft.; lamphole, $14 ea; wye branch $.75 ea.

CHICO, Butte Co., Cal.—Residents of the district embracing all streets and alleys bet. 1st and 5th Sts., Broadway and the S. P. tracks, at the last meeting of the city trustees voiced their approval to pave the entire district. No type of pavement was selected, this being left to the decision of the city trustees. A petition seeking to extend the pavement in Hazel St. to the S. P. tracks and bet. 1st and 5th Sts. was taken under advisement. F. A. Lammison, city engineer.

TURLOCK, Stanislaus Co., Cal.—A. Teichert & Son, Oschner Bldg., Sacramento, awarded cont. by city trustees to imp. portions of Mitchell Ave. and Fifth Sts. (2 separate contracts) involv. grade and pave with 3-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; conc. curbs and gutters; culverts.

SAN DIEGO, Cal.—Until 10:15 a. m., March 3, bids will be rec. by supervisors to imp. portions of Routes 5 and 6 Julian Road Nos. 3A and 3B (Ramona Rd. in Santa Maria Valley). Alternate bids will be taken on four types of paving, including cem. conc., asphalt, warrenite and Willite. Plans and spec. may be obtained from the county supervisors upon deposit of $5. Cert. chk.

LOS ANGELES, Cal.—Until 11 a. m., March 3, bids will be rec. by supervisors to imp. Cedar St., bet. Manchester and Shorb Aves., Beach and other sts. 7415 lin. ft. or 1.4 mi., under County Imp. No. 58, involving $689 cu. yds. excav.; 23,190 sq. ft. gutter; 30,779 sq. yds. 1"-in. National pavement; 30,779 sq. yds. 3"-in. asph. conc. base. Est. contr. price $95,038.15.

Separate bids to imp. Crescent St., bet. city limits of Burbank and 2800 ft. south, an dLaurel Ave., bet. Crescent St. and 160 ft. n.e., 2960 lin. ft. or .56 mi. (County Imp. No. 63), involving 5323 cu. yds. excav.; 7656 sq. yds. conc. paving, 6-in. to 8-in. thick; 523 sq. yds. oil and screenings surface. Est. contr. price, $23,059.60. Aver. haul from Burbank on the P. E. Ry, 2 mi.

REDDING, Shasta Co., Cal. — Until March 3, 8 p. m., bids will be rec. by Leslie Engram, city clerk, to imp. portions of Free Bridge Rd., Pine, Trinity Sts., etc., involving grade and pave with 5-in. asph. conc. 18-ft. wide, pavement to be 3½-in. asph. conc. base with 1½-in. Warrenite-Blt. surface; const. walks, curbs and gutters; conc. cleanout boxes and catchbasins; vit. and corru. pipe. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Plans obtainable from clerk.

LOS ANGELES, Cal.—J. T. Thomas, Wilmington dist. city engr., preparing spec. to pave streets in Wilmington, totaling approx. 28,000 lin. ft. Petition for 10 mi. of paving has been presented to the council in addition to present 5¼ miles of proposed pavement. Eng. Thomas has an office staff of four men at Wilmington.

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an Index for the contracts in this issue.

No.	Owner	Contractor	Amt.
634	Ferrari	Tose	1200
635	Watson	Owner	1500
636	Brown	Owner	10000
637	Gauch	Nicholoisen	2509
638	Steelman	Buschke	4000
639	Butcher	Koenig	8800
640	Maas	Owner	20000
641	Davis	Owner	2900
642	Malville	McCauley	3006
643	Ferro	Milano	29000
644	Sinz	Grant	7654
645	West	Tapenhausen	11000
646	Gullmes	Owner	1500
647	Fedrick	Fedrick	6000
648	Delaney	Meyer	5117
649	Sinz	Grant	7654
650	Lewis	Grant	8200
651	Stoner	Vodden	9000
652	Schlesselman	Owner	6006
653	Myers	Britt	7000
654	Newhouse	Harder	11900
655	Lowe	Meyer	8000
656	Nelson	Johnson	5000
657	Standard	Lindgren	10000
658	Janssen	Owner	4000
659	Kirgan	Owner	10000
660	Chutes	Crandall	1000
661	Nelson	Owner	3009
662	Glover	O'Connor	3000
663	Parker	Owner	3006
664	Bottcher	Anderson	10572
665	Real	Kay	1050
666	Wright	Paul	18000
667	de Arrillaga	Owner	3800
668	Crosetti	Rossi	7000
669	Sandy	Petersen	20000
670	Tiscornia	Owner	3000
671	Ash	Merritt	2000
672	Bjors	Owner	12000
673	Domeniconi	De Martini	8540
674	Elliot	Owner	2900
675	Rosenthals	Michael	10000
676	Cox	Owner	8500
677	Liebes	Ostlund	1000
678	Sullivan	Owner	7000
679	Coulter	Owner	1800
680	Nielsen	Mohler	4000
681	Luchini	Owner	1800
682	Pearce	Dorr	3000
683	Gregoire	Owner	2000
684	Janssen	Owner	28000
685	Giacobbi	Hjul	8500
686	Reed	Owner	3300
687	Wissman	Meyer	12000
688	Wissman	Meyer	12000
689	Pellegrini	Owner	2500
690	Dairy	Wilhelm	8000
691	Elvin	Elvin	14[illegible]
692	Pacific	Lingren	400000
693	Schwartz	Owner	12000
694	Helbing	Helbing	15000
695	Barsotti	Owner	1500
696	Hansen	Owner	3000
697	Peters	Owner	12000
698	McCarthy	Halsen	3000
699	Bernhart	Owner	5000
700	Benson	Owner	3000
701	Garappa	Barsotti	1500
702	Beronio	Harder	14400
703	Raetz	Meyer	4785
704	Arkwright	Meyer	4785
705	O'Donnell	Jacobson	3765
706	Ginder	Wilson	2000
707	Collins	Petersen	5780
708	Young	Zupar	8475
709	McCarthy	Arnott	3000
710	McCarthy	Arnott	3000
711	Mitchell	Mitchell	2000
712	Guthrie	Strickland	1500
713	Pacific	Owner	23000
714	Little	Owner	8006
715	Pasqualetti	American	15000
716	Larson	Owner	2000
717	McRae	Meadowcroft	6000
718	Nelson	Owner	6000
719	Houston	Owner	4000
720	Barrett	Owner	6000
721	Robinson	Owner	7000
722	Salvisberg	Quisted	8000
723	Wissman	Hamil	2000
724	Sisters	Brockage	5000
725	Sisters	Brockage	5000
726	Leigh	Owner	8000
727	Cordes	Moller	1350
728	Toranto	Demartini	2000
729	Dyer	Owner	10000
730	Clark	Delaney	1000
731	Berthmann	Owner	2800
732	Mandarin	Barrett	49100
733	Horn	Horn	7465
734	McCarthy	Arnott	3000
735	Meyer	Meyer	8000
736	Voothies	Owner	15000
737	Robinson	Owner	7000
738	Anderson	Eldrup	8000
739	Mahler	Olsen	3000
740	Almlie	Owner	4000
741	Johnson	Owner	2000
742	Stoff	Owner	70000
743	Holthe	Owner	8000
744	Barrett	Owner	6000
745	Elliot	Owner	3000
746	Salvisberg	Quisted	8000
747	Allen	Owner	5000
748	Oetter	Merritt	4500
749	Swanson	Owner	1000
750	Frazer	Frazer	4000
751	Weill	Owner	3000
752	Ulrich	Owner	6000
753	La Plant	Owner	3000
754	Janssen	Owner	7000
755	Parkside	Owner	12000
756	Cooley	Stempel	9000
757	Verner	Owner	20000
758	Knight	Owner	30000
759	Metropolitan	Brumfield	1000
760	Krysiak	Domanski	775
761	Fitzgerald	Stephenson	12500
762	Kingan	O'Neill	7000
763	Rosina	Rosina	41000

APARTMENTS

S FULTON 137-6 W Webster. Three-story and basement frame (5) apartments.
Owner—Hannah Barron and Jennie Fogel, 825 Monadnock Bldg., S F.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—Fred Warden, 1515 11th Ave., San Francisco. $18,900
NOTE—Recorded contract reported Feb. 14, 1924, No. 631.

GARAGE

(634) NO. 721 CHESTNUT. One-story frame private garage.
Owner—F. Ferrari, Premises.
Architect—None.
Contractor—B. Tose, 2129 Taylor St., San Francisco. $1200

ALTERATIONS

(635) NO. 516 DIAMOND Raise and make general aletrations and repairs to residence.
Owner—Edgar Watson, Premises.
Plans by Owner. $1500

FRAME FLATS

(636) SE DOLORES AND TWENTY-eight and S 28th 42 E Dolores. Two two-story and basement frame flats (2 in each bldg.).
Owner—Wald C. Brown, 195 Duncan St., San Francisco.
Architect—None. $5000 each

DWELLING

(637) E EDNA 75 N Havelock. One-story and basement frame dwlg.
Owner—Adam Gauch, 1541 Sanchez St., San Francisco.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Architect—None.
Contractor—Geo. Nicoloisen, 138 Bismark St., San Francisco. $2500

FACTORY
(638) S FOLSOM 100 W Eighth St One-story concrete factory.
Owner—A. G. Steelman, 855 Geary St., San Francisco.
Architect—A. G. Steelman, 855 Geary St., San Francisco.
Contractor—Buschke & Brown, 604 Mission St., San Francisco. $4000

RESIDENCE
(639) NE FUNSTON AVE AND FULton. Two-story and basement frame residence.
Owner—T. W. Butcher, 1112 Cabrillo St., San Francisco.
Architect—William D. Koenig, 1 Pacheco St., San Francisco.
Contractor—Wm Koenig, 1 Pacheco St., San Francisco. $8800

APARTMENTS
(640) SW GREENWICH & FRANKlin. Three-story and basement frame (12) apartments.
Owner—Messrs. Maas & Sauer, % Architect.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $20,000

DWELLING
(641) S JOOST AVE 175 E Genesee. One-story and basement frame dwelling.
Owner—F. J. Davis, 661 Joost Ave., San Francisco.
Architect—None. $2900

DWELLING
(642) E MAGELLAN 100 S Plaza. One-story and basement frame dwelling.
Owner—N. J. Malville, 744 Fulton St., San Francisco.
Architect — Vincent Buckley, Monadnock Bldg., San Francisco.
Contractor—McCauley & Weber, 1131 Ocean Ave., S. F. $3000

APARTMENTS
(643) NE PERSIA AND MISSION Two-story concrete stores and (4) apartments.
Owner—P. Ferro, 453 Lisbon St., S. F.
Architect—F. P. DeMartini, 946 Broadway, San Francisco.
Contractor—Antonio Milano, 399 Templeton Ave., S. F. $29,000

FRAME FLATS
(644) E SIXTH AVE 225 S Irving. Two-story and basement frame (2) flats.
Owner—Fred Sinz, 321 Bush St., S. F.
Architect—None.
Contractor—W. E. Grant, 1032 Irving St., San Francisco. $7654

RESIDENCE
(645) W SAN BUENAVENTURA 110 S St. Francis. Two-story and basement frame residence.
Owner—West Gate Park Co., 278 Post St., San Francisco.
Architect—Roland S. Stringham, 230 California St., S. F.
Contractor—H. Papenhausen, 532 3rd Ave., San Francisco. $11,000

RESIDENCE
(646) W TWENTY-EIGHTH AVE 77-6 N Clement. Two-story and basement frame rseidence.
Owner—V. Gullmes, 1828 Castro St., San Francisco.
Architect—None. $4500

FRAME FLATS
(647) E TWENTY-EIGHTH AVE 50 S Cabrillo. Two-story and basement frame (2) flats.
Owner—Patrick J. Feerick, 757 9th Ave., San Francisco.
Architect—Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor—P. J. Feerick, 757 9th Ave., San Francisco. $6000

BUILDING
(648) S GOLDEN GATE AVE 204 E Arguello Blvd E 26xS 137-6. All work for one-story and basement frame building.
Owner—Mary C. Delaney.
Architect—None.
Contractor—Meyer Bros., 5324 Geary St., San Francisco.
Filed Feb. 14, '24. Dated Feb. 9, '24.
Side and roof sheathing on..$1279.37
Brown coated 1279.38
Completed and accepted..... 1279.37
Usual 35 days..... 1279.38
TOTAL COST, $5117.00
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

FRAME FLATS
(649) E SIXTH AVE 225 S Irving S 25xE 120. All work for two-story frame flats.
Owner—Fred Sinz.
Architect—None.
Contractor—W. E. Grant, 1032 Irving St., San Francisco.
Filed Feb. 14, '24. Dated Feb. 12, '24.
Progressive payments as work progresses .....
When finished ..... Balance
TOTAL COST, $7654
Bond, none. Limit, 95 days after Feb. 18, 1924. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(650) E COLLINGWOOD 110 S 20th S 25xE 125. All work for two-story and basement frame flats.
Owner—Jos. A. and Marie Lewis, 231 Collingwood St., San Francisco.
Architect—None
Contractor—Lincoln U. Grant, 131 Beaver St, San Francisco.
Filed Feb. 14, '24. Dated Feb. 6, '24.
Foundation walls ready to receive joists $2000
2nd floor joists in place..... 2000
Roof and rustic on 2000
Completed and accepted..... 2200
TOTAL COST, $8200
Bond, none. Limit, 90 days. Forfeit, $3. Plans and specifications filed.

DWELLING
(651) SW LOPEZ AND PACHECO. Two-story and basement frame dwelling.
Owner—K. S. Reigle, 106 18th Ave., San Francisco.
Architect—Harold G. Stoner, 219 First National Bank Bldg., San Francisco.
Contractor—Thos. Vodden, 1019 Cole St. San Francisco. $9000

FLATS
(652) W PARKER 300 N Geary. Two-story and basement frame (2) flats.
Owner—E. A. Schlesselman, 3120 Geary St., San Francisco.
Architect—None. $6000

TWO-STORY BLDG.
(653) W NINETH 175 S Howard. Two-story and mezzanine floor bldg.
Owner—L. A. Myers, 68 Post St., San Francisco.
Architect—None.
Contractor — O. W. Britt, 1257 Arguello Blvd., San Francisco. $7000

FLATS
(654) W SIXTEENTH AVE. 150 N Clement. Two-story and basement frame (2) flats.
Owner—Mrs. E. Newhouse, 1563 Lyon St., San Francisco.
Architect—R. Gasque, 1543 Lyon St., San Francisco.
Contractor—John Harder, 870 39th Ave San Francisco. $11,000

DWELLINGS
(655) W THIRTY-EIGHTH AVE. 125 147 S Balboa. Two 1-story and basement frame dwellings.
Owner—E. S. Gray, 603 First National Bank Bldg, San Francisco.
Architect—Willis C. Lowe, 681 Market St., San Francisco.
Contractor—Meyer Bros., 603 First National Bank Bldg., San Francisco. $4000 each.

DWELLING
(656) W TWENTY-EIGHTH AVE. 190 N Cabrillo. Two-story and basement frame dwelling.
Owner—Norman Nelson, 771 28th Ave., San Francisco.
Architect—C. O. Clausen, Hearst Bldg. San Francisco.
Contractor—J. Harold Johnson, 215 Hearst Bldg., San Francisco. $5000

ALTERATIONS
(657) NW BUSH AND SANSOME STS. Rearrange various partitions for offices
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Architect—Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—Lindgren & Swinerton, Inc. 225 Bush St., San Francisco. $10000

DWELLING
(658) W COLLINS 440 N Geary. One-story and basement frame dwelling
Owner—E. A. Janssen, 402 Hearst Bldg. San Francisco.
Architect—None. $4000

ALTERATIONS
(659) 416 DRUMM STREET. Add 3 smoke houses and raise roof of packing plant to permit installation of conveying equipment.
Owner—Kingan & Co., care of architects.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco. $10,000

ALTERATIONS
(660) 790 GREAT HIGHWAY. Remodel pavilion for bob sled ride and remodel Dip No. 1 of ride.
Owner—"Chutes at the Beach, Inc.," premises.
Architect and Contractor—L. Crandall, 790 Great Highway, S. F. $1000

DWELLING
(661) S LINCOLN WAY 90 E Thirty-third Ave. One-story and basement frame dwelling.
Owner—F. Nelson & Sons, 2 West Portal Park, San Francisco.
Architect—None. $3000

DWELLING
(662) N WOOLSEY 50 E Girard. One-story and basement frame dwelling
Owner—Andrew Glover, premises.
Designer and Contractor—Edward J. O'Connor, 346 Woolsey St., San Francisco. $3000

DWELLING
(663) W WHITNEY 175 S Randall. I-story and basement frame dwelling.
Owner—Wilbur C. Parker, Jr., 2711 Harrison St., San Francisco.
Architect—None. $3000

FLAT BLDG.
(664) —50 S FRANCISCO 25 x 100. All work except painting, electric fixtures and window shades for 2-sto. frame bldg. (flats).
Owner—Ernest A. & Dollie E. Bottcher 772 Page, San Francisco.
Architect—Erle J. Osborne Balboa Bldg San Francisco.
Contractor—Charles & Christian Andersen, 995 Market St., S. F.
Filed Feb. 15, 1924. Dated Feb. 8, 1924.
Roof on and rough plumbing and electric work completed.....$2643
Rough plastering completed... 2643
Completed and accepted 2643
Usual 35 days 2643
TOTAL COST, $10,572
Bond, Forfeit, none; Limit, 120 days after Feb. 15, 1924; Plans and specifications, none.

CLEANING & PAINTING
(665) POST & SUTTER STS. Cleaning and painting Lick Building.
Owner — Real Property Investment Corp., United Bk & Trust Bldg., San Francisco.
Architect—None.
Contractor—The J. H. Kay Co., 1243 Folsom St., San Francisco.
Filed Feb. 15, 1924. Dated Feb. 14, 1924.
Completed and accepted 75%
Usual 35 days 25%
TOTAL COST, $1050
Bond, Forfeit, none; Limit, 30 days; Plans and specifications, none.

DWELLINGS
(666) E FORTY-THIRD AVE 100, 125, 150 and 175 N Balboa. Four one-story and basement frame dwellings.
Owner—J. W. Wright & Son.
Architect—None.
Contractor—B. M. Paul, 954 Hilldale Ave., San Francisco. $4500 each

ADDITION
(667) NO. 2315 JACKSON. Add studio rooms to musical college.
Owner—Vincent de Arrillaga, 2315 Jackson St., San Francisco.
Architect—None. $3800

FRAME FLATS
(668) N LOMBARD 112-6 E Gough. Two-story and basement frame (2) flats.
Owner—G. Crosetti, 1316 Buchanan St., San Francisco.
Architect—None.
Contractor—F. Rossi, 1799 Filbert St., San Francisco. $7000

ALTERATIONS
(669) NO. 2474 MISSION. Remodel show windows; construct addition to store.
Owner—George H. Sandy, Premises.
Architect—None.
Contractor—Antone Petersen, 2770 San Bruno Ave., S. F. $20,000

DWELLING
(670) W THIRTY-THIRD AVE 100 S Balboa. One-story and basement frame dwelling.
Owner—D. Piscornia, 188 Bertita Ave., San Francisco.
Architect—None. $3000

ALTERATIONS
(671) NO. 1271 THIRD AVE. Remodel interior and exterior for (2) flats.
Owner—Miss M. Ash, Premises.
Architect—None.
Contractor—Geo. M. Merritt Bldg. Co., Inc., 3014 Geary St., San Francisco. $2000

APARTMENTS
(672) S UNION 221-8 E Pierce. Two-story and basement frame (4) apartments.
Owner—Victor Bjors, 2668 Bryant St., San Francisco.
Architect—None. $12,000

FRAME BLDG.
(673) N PACIFIC 229 E Jones E 23xN 60. All work except lighting fixtures, shades and painting for two-story and basement frame bldg.
Owner—A. Domeniconi, 44 Bernard St., San Francisco.
Architect—None.
Contractor—Paul De Martini, 2869 Octavia St., San Francisco.
Filed Feb. 16, '24. Dated Feb. 14, '24.
Frame up $2135
Brown coated 2135
Completed and accepted..... 2135
Usual 35 days..... 2135
TOTAL COST, $8540
Bond, none Limit, 90 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported Feb. 14, 1924 No. 624.

DWELLING
(674) N ANZA 31-6 W FORTY-THIRD Ave. One-story and basement frame dwelling.
Owner—Elliot & Grant, 180 Jessie St., San Francisco.
Architect—None. $3000

ALTERATIONS
(675) 241 GEARY STREET. Alter store front, and remodel interior, install fixtures.
Owner—Rosenthals' Inc., 151 Post St., San Francisco.
Architect—Alfred Henry Jacobs, 110 Sutter St., San Francisco.
Contractor—J. Michael and C. Bomera, 762 DeHaro St., San Francisco. $10,000

ALTERATIONS
(676) 521 GOLDEN GATE AVE. Reinforced concrete addition for store and repair, install hydro-electric elevator; T. & G. roof, etc.
Owner—John W. Cox, care of architect.
Architect—O. R. Thayer, 110 Sutter St., San Francisco $8500

ALTERATIONS
(677) NE GRANT AVE. AND POST St. Remove stairway in store.
Owner—H. Liebes & Co., Grant Ave. and Post St., San Francisco.
Architect—None.
Contractor—Ostlund & Johnson, 1901 Bryant St., San Francisco. $1000

FLATS
(678) E HAMPSHIRE 150 N Twenty-second Ave. Two story and basement frame (2) flats.
Owner—T. D. Sullivan, 927 Hampshire St., San Francisco.
Architect—None. $7000

ADDITION
(679) 116 TWENTY-FIRST AVE. 3-room addition to private garage.
Owner—N. R. Coulter, 146 21st Ave., San Francisco.
Architect—N. R. Coulter, 46 Kearny St., San Francisco $1800

DWELLING
(680) E TWENTY-EIGHTH AVE. 209 S Balboa. One-story and basement frame dwelling.
Owner—G. S. Nielsen, 150 10th Ave., San Francisco.
Architect—None.
Contractor—T. E. Mohler, 751 28th Ave. San Francisco. $4000

DWELLING
(681) 1572 UNDERWOOD AVENUE. One-story and basement frame dwelling.
Owner—Joseph Luchini, 1460 Shafter Ave, San Francisco.
Architect—None. $1800

DWELLING
(682) S WOODSIDE 175 E Laguna Honda Blvd. Two-story and basement frame dwelling.
Owner—Pearce Bros. Co., Mills Bldg., San Francisco.
Architect—Plans by owner.
Contractor—A. D. Dorr, 366 8th Ave., San Francisco. $3000

RESIDENCE, SHOP
(683) E TWELFTH 225 N Harrison. Excavating, concrete underpinning, retaining walls, carpentry, sheet metal work, plastering and roofing for residence and workshop.
Owner—Henry Gregoire, 2258 Market St., San Francisco.
Architect—None. $2000

FLATS
(684) N CALIFORNIA 100, 125, 150, 175 W Locust. Four 2-story and basement frame flats, (2 flats in each bldg.)
Owner—E. A. Janssen, Hearst Bldg., San Francisco.
Architect—None. $7000 each

FACTORY BLDG.
(685) W ELEVENTH 115 S Folsom. One-story and mezzanine floor concrete factory.
Owner—L. A. Giacobbi & Sons, ——.
Engineer and Contractor—J. H. Hjul, 128 Russ St., San Francisco. $8500

DWELLING
(686) E FORTY-FIRST AVE., 236-4 S Anza. One-story and basement frame dwelling.
Owner—F. Carroll Reed, 683 7th Ave., San Francisco.
Architect—Plans by owner. $3300

DWELLINGS
(687) E FORTY-SEVENTH AVE. 115 140 165 W Cabrillo. Three 1-story and basement frame dwellings.
Owner—H. Wissman, 2255 Clement St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 First National Bank Bldg., San Francisco. $4000 each.

DWELLINGS
(688) W FORTY-SIXTH AVE. 170, 197-6, 225 N Cabrillo. Three 1-story and basement frame dwellings.
Owner—H. Wissman, 2255 Clement St San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 First National Bank Bldg., San Francisco. $4000 each.

DWELLING
(689) NE GILMAN 150 SE Jennings One-story and basement frame dwelling.
Owner—P. Pellegrini, —, Ingalls St., San Francisco.
Architect—M. J. McAdam, 1370 Shafter Ave., San Francisco. $2500

SHOP
(690) W LAFIDGE 150 N Nineteenth. Two-story frame blacksmith shop.
Owner—Dairy Delivery Co., 2550 19th St., San Francisco.
Architect — Will H. Toepke, 72 New Montgomery St., San Francisco.
Contractor—A. H. Wilhelm, 180 Jessie St., San Francisco. $8000

WAREHOUSE
(691) S MINNA 25 E JULIA. One-story concrete warehouse.
Owner—Arthur Elvin, 180 Jessie St., San Francisco.
Architect—Fabre & Hildebrandt, 110 Sutter St., San Francisco.
Contractor—Arthur Elvin, 180 Jessie St San Francisco. $14,500

STRUC. STEEL BLDG.
(692) W NEW MONTGOMERY BET. Minna and Natoma Sts. Structural steel only for a twenty-six story and basement class A office bldg.
Owner—Pacific Telephone and Telegraph Co., 33 Grant Ave., San Francisco.
Architect—Miller-Pflueger and Cantin Lick Bldg., San Francisco.
Contractor — Lindgren & Swinerton, Standard Oil Bldg, San Francisco. $400,000
NOTE—This is a partial permit application.

DWELLINGS
(693) W NINETEENTH AVE. 253-4, 278-4, 303-4 and 328-4 S Rivera. Four 1-story and basement frame dwellings.
Owner—Schwartz & George, 837 Clement St., San Francisco.
Architect—None. $3000 each.

APARTMENTS
(694) W POLK 130 N Lombard. Three-story and basement frame (16) apartments.
Owner—Wm. Helbing, 1332 Lombard St San Francisco.
Architect—Plans by owner.
Contractor — The Helbing Co., 1332 Lombard St., San Francisco. $15000

DWELLING
(695) S QUESADA 100 W LANE. One-story and basement frame dwelling.
Owner—Arturo Barsotti, 1512 Quesada St., San Francisco.
Architect—None. $1500

DWELLING
(696) N SANTA YSABEL AVE. 135 E San Jose. One-story and basement frame dwelling.
Owner—Walter E. Hansen, 1919 San Jose Ave., San Francisco.
Architect—None. $3000

DWELLINGS
(697) W THIRTY-FIFTH AVE. 36-6, 86-6 N Cabrillo. Two 2-story and basement frame dwellings.
Owner—J. M. Peters, 1045 Balboa St., San Francisco.
Architect—None. $6000 each.

DWELLING
(698) W THIRTY-FOURTH AVE, 125 N Ulloa. One-story and basement frame dwelling.
Owner—Mary McCarthy, 2411 Bryant St., San Francisco.
Architect—None.
Contractor—Halsen & Sioblom, 37 Fair Ave., San Francisco. $3000

DWELLING
(699) E TWENTY-NINETH Ave. 300 S Irving. One-story and basement frame dwelling.
Owner—Bernhardt Building Co., Inc., 582 Grove St., San Francisco.
Architect—Gustave Stahlberg, 544 Market St., San Francisco. $5000

DWELLING
(700) E VICTORIA 525 N Garfield. 1-story and basement frame dwelling.
Owner—Gustav Benson, 325 Lowell St., San Francisco.
Architect—None. $3000

DWELLING
(701) N VAN DYKE AVE. 225 E Keith One-story and basement frame dwelling.
Owner—Felice Garrappa, 1468 Van Dyke Ave., San Francisco.
Architect—None.
Contractor—Arturo Barsotti, 1512 Quesada St., San Francisco. $1500

FRAME BLDG.
(702) W COUGH 137-6 N Chestnut N 25xW 137-6. All work for two-story and basement frame bldg
Owner—Luisa C. Beronio, 460 Montgomery St., San Francisco.
Architect—John H. Powers and John H. Ahnden.
Contractor—John Harder, 870 39th Ave. San Francisco.
Filed Feb. 18, '24. Dated Feb. 18, '24.
Frame up and window frames set $3600
Plumbing roughed in and 1st coat plaster on..... 3600
Completed and accepted..... 3600

30 days after..... 3600
TOTAL COST, $14,400
Bond, $14,400. Surety, The Fidelity & Casualty Co. of New York. Limit, 110 days after Feb. 20, 1924. Forfeit, none. Plans and specifications filed.

DWELLING
(703) E THIRTY-FOURTH AVE. 225 N Balboa N 25xE 120. All work for one-story and basement frame dwelling.
Owner—Rudolph J. Raetz, 2867 24th St. San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 1st Nat'l Bank Bldg., San Francisco.
Filed Feb. 18, '24. Dated Feb. 7, '24.
Side and roof sheathing on..$1196.25
Brown coated 1196.25
Completed 1196.25
Usual 35 days..... 1196.25
TOTAL COST, $4785.00
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.

DWELLING
(704) E THIRTY-FOURTH AVE 200 N Balboa N 25xE 120. All work for one-story and basement frame dwelling.
Owner—I B. Arkwright and Jas. H. Conner, 1810 Clement St., S. F.
Architect—None.
Contractor—Meyer Bros., 603 1st Nat'l Bank Bldg., San Francisco.
Filed Feb. 18, '24. Dated Feb. 7, '24.
Side and roof sheathing on..$1196.25
Brown coated 1196.25
Completed 1196.25
Usual 35 days..... 1196.25
TOTAL COST, $4785.00
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.
NOTE—Permit eported Feb. 14, 1924, No. 611.

BUILDING
(705) W GRANT 85 S Maynard S 25 x W 100. All work for 5-room and basement frame building.
Owner—Thomas F. O'Donnell, Grant & Maynard St., San Francisco.
Architect—None.
Contractor—Carl Jacobson & A. Kronquist, 725 Elizabeth St., S. F.
Filed Feb. 18, 1924. Dated Feb. 14, 1924.
Frame up $941.25
Bldg. plastered 941.25
Completed and accepted 941.25
Usual 35 days 941.25
TOTAL COST, $3765
Bond, Forfeit, none; Limit, 65 days; Plans and specifications, none.
NOTE—Permit reported Feb. 14, 1924 No. 397.

DWELLING
(706) 223 MIRAMAR AVE. All work to finish 2½-story frame dwelling.
Owner—Louis J. % Annie Ginder, 261 Miramar, San Francisco.
Architect—None.
Contractor—J. R. Wilson, Mills Bldg., San Francisco.
Filed Feb. 18, 1924. Dated Feb. 4, 1924.
Concrete work done .....¼
Pebble dash finished and tiling done .....¼
Wood work done .....¼
Usual 35 days .....¼
TOTAL COST, $2000
Bond, $1000; Sureties, Indemnity Insurance Co.; Forfeit, none; Limit, Mar. 27, 1924; Plans and specifications filed.

BUILDING
(707) S BROADWAY 22-9 W Jones W 22-9 x 60. All work for building.
Owner—Mary Collins, 1107 Broadway, San Francisco.
Architect—Antone Petersen, 2770 San Bruno Ave., San Francisco.
Contractor — Einar C. Petersen, 1290 Hayes St., San Francisco.
Filed Feb. 18, 1924. Dated Oct. 16, 1923.
Ready for lathing $2167.50
Completed and accepted..... 2167.50
Usual 35 days 1445.00
TOTAL COST, $5780
Bond, $2890; Sureties, Herman J. Axt, Berent Martin; Forfeit, none; Limit, 90 days; Plans and specifications, none.
NOTE—Permit reported Feb. 15, 1924 No. 534.

FRAME BLDG.
(708) E NINETEENTH AVE. 200 S Balboa. All work for 8-room and basement frame bldg.
Owner—Samuel Young, 31 Wanda St., San Francisco.
Architect—H. C. Baumann & Edw. Jose, 251 Kearny St., San Francisco.
Contractor—Wm. G. Zupar, 1095 Market St., San Francisco.
Filed Feb. 18, 1924. Dated Feb. 4, 1924.
Roof on 25%
Brown coated 25%
Completed and accepted 25%
35 days after 25%
TOTAL COST, $8475.
Bond, $4400; Sureties, National Surety Co.; Forfeit, none; Limit, 90 days; Plans and Specifications filed.
NOTE—Permit reported Feb. 9, 1924, No. 530.

BUNGALOW
(709) W EDGAR PLACE 225 S Bruce Ave. S 25 x W 112-6 Lot 43 Blk. P. All work for one-story frame bungalow and garage
Owner—The McCarthy Co., 316 Bush St. San Francisco.
Architect—None
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
Filed Feb. 18, 1924. Dated Feb. 11, 1924.
30 days after frame up.....25%
30 days after brown coated....25%
30 days after completed & ac...25%
35 days thereafter 25%
TOTAL COST, $3000
Bond, Sureties, None; Forfeit, $1.00; Limit, 90 days; Plans and Specifications filed.

BUNGALOW
(710) W EDGAR PLACE 175 S Bruce Ave. S 25 x W 112-6 Lot 41 Blk. B Lakeview. All work for one-story frame bungalow and garage.
Owner—The McCarthy Co., 316 Bush St. San Francisco.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
Filed Feb. 18, 1924. Dated Feb. 11, 1924.
30 days after frame up 25%
30 days after brown coated 25%
30 days after completed & ac. ..25%
35 days thereafter 25%
TOTAL COST, $3000
Bond, Sureties, None; Forfeit, $1.00; Limit, 90 days; Plans and Specifications filed.

DWELLING
(711) W CHURCH 135 S Herman. One-story and basement frame dwelling.
Owner—Mrs. S. Mitchell, 426 Noe St., San Francisco
Architect—G. J. Mitchell, 426 Noe St., San Francisco.
Contractor—G. J. Mitchell, 426 Noe St., San Francisco. $2000

DWELLING
(712) E DEHARO 166-8 N Twenty-fifth. One-story and basement frame dwelling.
Owner—Geo. Guthrie, 2319 24th St., San Francisco.
Architect—None.
Contractor—Wm. E. Strickland, 687 Rhode Island St., S. F. $1500

SWITCH HOUSE
(713) E EIGHTH 40 S Mission. Three story reinforced concrete electric switch house.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Plans by Owner. $23,000

DWELLINGS
(714) E FORTY-THIRD AVE 100 and 125 S Anza. Two one-story and basement frame dwellings
Owner—Moses Little, 1353 5th Ave., San Francisco.
Architect—None. $4000 each

GARAGE
(715) W FILLMORE 80 S Oak. Two story reinforced concrete public garage.
Owner—Joseph Pasqualetti, 785 Market St., San Francisco.
Architect—None.
Contractor — American Concrete Co., 785 Market St., S. F. $15,000

DWELLING
(716) W MOSCOW 250 S Russia. One-story and basement frame dwlg.
Owner—Axel R. Larson, 516 San Jose Ave., San Francisco.
Architect—None. $2000

DWELLINGS
(717) W TWENTY-FIFTH AVE 85 & 110 N Kirkham. Two one-story and basement frame dwellings.
Owner—E. J. McRae, 1480 9th Ave., San Francisco.
Architect—None.
Contractor—F. E. Meadowcroft, 1235 11th Ave., S. F. $3000 each

DWELLINGS
(718) E THIRTY-THIRD AVE 50 and 75 S Lincoln Way. Two two-story and basement frame dwellings.
Owner—F. Nelson & Sons, 2 West Portal Park, San Francisco.
Architect—None. $3000 each.

DWELLING
(719) W TWENTY-SECOND AVE 231 N Irving. One-story and basement frame dwelling.
Owner—Mr C. and Mrs. H. A. Houston 5625 California St., San Francisco
Architect—None. $4000

FLATS
(720) E ARGUELLO BLVD. 25 N Golden Gate. Two-story and basement frame (2) flats.
Owner—J. J. Barrett, 471 19th Ave., San Francisco.
Architect—None. $6000

FLATS
(721) W BALBOA 95 W Eighteenth Ave. Two-story and basement frame (2) flats.
Owner — Robinson & Johnston, 1943 Anza St., San Francisco.
Architect—None. $7000

FLATS
(722) N CLEMENT 32-6 E Twenty-eighth Ave. Two-story and basement frame (2) flats.
Owner—John Salvisberg, 3138 Scott St., San Francisco.
Architect—None.
Contractor—Thos. Quistad, 3138 Scott St., San Francisco. $8000

ALTERATIONS
(723) SW CLEMENT AND TWENTY-seventh Ave. Remove front wall in basement and construct new front for store and dwelling.
Owner—Harry Wissman, 2255 Clement St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $2000

ALTERATIONS
(724) NE DOLORES and SIXTEENTH Sts. Enclose with frame and stucco walls the roof garden; construct wood frame roof with tin deck; galv. iron skylight; install plumbing for solarium for childrens day nursery.
Owner—Sisters of the Holy Family, N. E Hayes and Fillmore Sts.
Architect—Chas. J. I. Devlin, 821 Market St, San Francisco.
Contractor — Brockage & Foley, 1326 Natoma St., San Francisco. $5000

ALTERATIONS
(725) NE DOLORES and SIXTEENTH Sts. Construct runway from second floor to yard, wood flooring; concrete foundation; galv. steel balcony (Childrens Day Home).
Owner—Sisters of the Holy Family, N E Hayes and Fillmore Sts., San Francisco.
Architect—Chas. J. Devlin, 821 Market St., San Francisco.
Contractor — Brockage & Foley, 1326 Natoma St. San Francisco. $5000

DWELLINGS
(726) E FORTY-FIRST AVE. 176-4 and 201-4 S Anza. Two 1-story and basement frame dwellings.
Owner—D. Leigh and B. Schnier, 815 43rd Ave., San Francisco.
Architect—None. $4000 each.

ALTERATIONS
(727) NW HAIGHT AND WEBSTER Sts. Change store front; tile work, etc.
Owner—John Cordes, 2374 Howard St., San Francisco.
Architect—T. W. Lenzen, Hum. Bank Bldg., San Francisco.
Contractor—Moller & Sons, 520 Jessie St., San Francisco $1350

DWELLING
(728) S HIGHLAND 191-11 E Park Ave. One-story and basement frame dwelling.
Owner—Ethel Toranto, 4332 Highland Ave., San Francisco.
Architect—None.
Contractor—Wm. Demartini, 43 Lucky St., San Francisco. $2000

STOCK SHED
(729) NE RHODE ISLAND and Seventeenth Sts. Erect steel and galvanized iron stock shed.
Owner—Dyer Bros., Golden West Iron Works, Inc., W. J. Dyer, Sec., 1950 17th St., San Francisco.
Architect—None. $10000

ALTERATIONS
(730) 78 SECOND STREET. Rearrange show windows; install tile bulkhead and mosaic vestibule floor.
Owner—K. M. Clark. 29th and Hill Point Ave., San Francisco.
Architect—None.
Contractor — Chas S. Delaney, 2415 Bush St., San Francisco. $1000

DWELLING
(731) N SEVILLE 138 W Rolph. One-story and basement frame dwelling.
Owner—Paul Berthmann, 561 Moultrie St., San Francisco.
Architect—None. $2800

BUNGALOW
(732) W CAPITOL AVE 200 S Grafton Ave S 25xW 112-6 Lot 39 Blk 20, Lakeview. All work for four-room and bath bungalow.
Owner—The McCarthy Co., 316 Bush S., San Francisco.
Architect—None.
Contractor—James Arnett & Son, 235 Granville Way, San Francisco.
Filed Feb. 19, '24. Dated Feb. 11, '24.
30 days after frame up..... 25%
30 days after brown coated... 25%
30 days after completed and accepted 25%
Usual 35 days 25%
TOTAL COST, $3000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

APARTMENTS
(733) SE CALIFORNIA AND FILLmore Plumbing, gas fitting, hot water and steam heating system for three-story store and apartment building.
Owner—E. and D. A. Horn, 258 Washington St., San Francisco.
Architect—Geo. E. Ralph, 709 Pine St., San Francisco.
Contractor—E. & D. A Horn, 258 Washington St., San Francisco.
Filed Feb. 19, '24. Dated Feb. 15, '24.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $7425
Bond, none. Limit, June 1, 1924. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(734) COR BUSH AND GRANT AVE. All work for alterations and additions to three-story and basement Class C building.
Owner—The Mandarin, Premises.
Architect—Ashley & Evers, 58 Sutter St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Filed Feb. 19, '24. Dated Jan. 19, '24.
On 5th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $49,100
Bond, $24,550. Surety, Fidelity & Deposit Co. of Maryland. Limit, forfeit, none. Plans and specifications filed.
NOTE—Permit reported Jan. 16, 1924 No. 186.

RESIDENCE
(735) SE ANZA & TWENTY-EIGHTH Ave. Two-story and basement frame residence.
Owner—T. G. Meyer, 603 First National Bank Bldg, San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 1st Nat'l. Bank Bldg., S. F. $8000

APARTMENTS
(736) W BUCHANAN 28 N Washington. Three-story and basement frame (6) apartments.
Owner—W. R. Voorhies, 12 Loyola St, San Francisco.
Architect—None. $15,000

FRAME FLATS
(737) S BALBOA 95 W Eighteenth Ave. Two-story and basement frame (2) flats.
Owner—Robinson & Johnston, 1943 Anza St., San Francisco.
Architect—None. $7000

FRAME FLATS
(738) E BELCHER 245 S Duboce Ave. Two-story and basement frame (2) flats.
Owner—Anderson & Rowe, 3723 Market St., San Francisco
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—John Eldrup, 3723 Market St., San Francisco. $8000

DWELLING
(739) SW GALVEZ 175 NW Mendell. One and one-half-story and basement frame dwelling.
Owner—F. Mahler, 1228 Fairfax Ave., San Francisco.
Architect—None.
Contractor—Charles Olsen, 1237 Evans Ave., San Francisco. $3000

DWELLING
(740) E FORTY-SIXTH AVE 250 N Fulton. One-story and basement frame dwelling.
Owner—O. S. Almlie, 1651 20th Ave., San Francisco.
Architect—None. $4000

DWELLING
(741) E MILTON 72 S Bosworth. One-story and basement frame dwelling.
Owner—Thomas Johnsen, 566 Clipper St., San Francisco.
Architect—None. $2000

APARTMENTS
(742) N SACRAMENTO 170 W Franklin. Four-story and basement Class C (16) apartments.
Owner—Louis D. Stoff, % Architect.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $70,000

DWELLINGS
(743) E SIXTEENTH AVE 100 and 125 S Judah Two one-story and basement frame dwellings.
Owner—G. Holthe and H. Borge, 1990 Folsom St., San Francisco.
Architect—Gustave Stahlberg, 544 Market St, San Francisco. $4000 each

FRAME FLATS
(744) E ARGUELLO BLVD. 25 N Golden Gate Ave. Two-story and basement frame (2) flats.
Owner—J. J. Barrett, 471 19th Ave., San Francisco.
Architect—None. $6000

DWELLING
(745) N ANZA 81-6 W Forty-third Ave One-story and basement frame dwelling.
Owner—Elliot & Grant, 180 Jessie St., San Francisco.
Architect—None. $3000

FRAME FLATS
(746) N CLEMENT 32-6 E Twenty-eighth Ave. Two-story and basement frame (2) flats.
Owner—John Salvisberg, 3138 Scott St., San Francisco.
Architect—None.
Contractor—Thos. Quistad, 3138 Scott St., San Francisco. $8000

FLAT, ETC.
(747) E CASTRO 25 N Twentieth St. Construct one front and rear flat over store.
Owner—F. W. Allen, 4176 20th St., San Francisco.
Architect—None. $5000

ALTERATIONS
(748) NO. 2563 CLAY. Alter for (5) apartments.
Owner—Chas. and Bertha Oetter, Prem.
Architect—None.
Contractor—Geo. M. Merritt Bldg. Co., Inc., 3611 Geary St. San Francisco. $4500

ALTERATIONS
(749) NO. 815 DUBOCE AVE. Alter apartments.
Owner—O. A. Swanson, 949 75th Ave., Oakland.
Architect—None. $1000

DWELLING
(750) N GRAFTON AVE 50 E Plymouth Ave. One-story and basement frame dwelling.
Owner—Mr. and Mrs. J. F. Frazer, 3232 18th St., San Francisco.
Architect—J. F. Frazer, 3232 18th St., San Francisco.
Contractor—J. F. Frazer, 3232 18th St., San Francisco. $4000

ALTERATIONS
(751) E GRANT AVE, — S SUTTER. Construct stairs from first floor to basement (The White House).
Owner—Raphael Weill & Co., Sutter & Grant Ave., S. F.
Construction Manager — Frederick Whitton, 369 Pine St., S. F. $3000

DWELLINGS
(752) N HEARST AVE. 250, 275 E Genesee. Two 1-story and basement frame dwellings.
Owner—D. E. Ulrich, 1279 O'Farrell St. San Francisco.
Architect—None. $3000 each.

DWELLING
(753) W RAMSELL 140 S Holloway. One-story and basement frame dwelling.
Owner—La Plant and Baker, 236 Lee Ave., S. F.
Architect—E. C. Baker, 236 Lee Ave., San Francisco. $3000.

FLATS
(754) W TWENTY-EIGHTH AVE. 150 S Geary. Two-story and basement frame (2) flats.
Owner—E. A. Janssen, 402 Hearst Bldg. San Francisco.
Architect—None. $7000

DWELLINGS
(755) N ULLOA 82-6, 116, 149-4 W Twenty-ninth Ave. Three 1-story and basement frame dwellings.
Owner — Parkside Realty Co., 617 Crocker Bldg., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., S. F. $4000 each.

APARTMENTS
(756) W TENTH AVE 100 S Irving. Two-story and basement frame (4) apartments.
Owner—Mrs. E. Cooley, 5331 Geary St., San Francisco.
Architect—None.
Contractor—R. J. Stempel, 5331 Geary St., S. F. $9000

APARTMENTS
(757) W VAN NESS AVE. 137-6 N Lombard. 3-story and basement (9) apartments.
Owner—J. H. Verner, 3251 Army St., San Francisco.
Architect—None. $20000

APARTMENTS
(758) W VALENCIA 65 N Twenty-sixth St. 3-story and basement frame (23) apartments.
Owner—Joseph Knight, 661 Valencia St San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., S. F. $30,000

ELECTRIC SIGN
(759) UNION AND WEBSTER STS. Install electrical sign (vertical type).
Owner—Metropolitan Theatre, premises.
Architect—None.
Contractor—Brumfield Electric Sign Co 965 Folsom St., S. F. $1000

ALTERATIONS
(760) N CLINTON PARK 117 W Guerrero W 25xN 75. All work for alterations and repairs to building.
Owner—Julia and Valentine Krysiak.
Architect—None.
Contractor—Geo. Domanski & Co.
Filed Feb. 20, 24. Dated Feb. 18, '24.
On completion 75%
Usual 35 days..... 25%
TOTAL COST, $775
Bond, none. Limit, 60 days. Forfeit, plans and specifications, none.

APARTMENTS
(761) E CLAYTON 100 N Grove N 25 xE 106-3. All work for two-story and basement frame apartments.
Owner—Thomas G. Fitzgerald, 2206 Grove St., San Francisco.
Architect—Walter King, 312 Call Bldg., San Francisco.
Contractor—Jesse H. Stephenson, 2626 26th Ave., San Francisco.
Filed Feb. 20, '24. Dated Feb. 4, '24.
Foundation in .....$ 500
2nd floor joists on..... 1000
Frame up 1000
Enclosed 2000
Plastering completed 1200
Completed and accepted..... 3675
Usual 35 days..... 3125
TOTAL COST, $12,500
Bond, $6250. Sureties, A. C. Bothe and

Isaac Grant. Limit, 90 days. Forfeit, $10. Plans and specifications filed.
NOTE—Permit reported Feb. 6, 1924 No. 474.

ALTERATIONS
(762) 446 DRUMM St. All work for alteration and addition to bldg.
Owner—Kingan & Co., 446 Drumm St., San Francisco.
Architect—J. E. Krafft & Sons, Phelan Bldg., S. F.
Contractor—Daniel O'Neill, 273 Minna St., S. F.
Filed Feb. 20, 1924. Dated Feb. 18, 1924
1st and 15th each month 75%
35 days after 25%
TOTAL COST, actual cost, plus 10%), not to exceed $7000
Bond, $3500. Sureties, Jas. F. Smith, Martha F. O'Neill. Forfeit, $10. Limit, April 10, 1924. Plans and Specifications filed.

APARTMENTS
(763) NE BROADWAY & LEAVENWORTH N 60xE 68-6. All work for three-story and basement frame apartment house.
Owner—J. Fraccia and C. Rosina, 1350 Gilman St., San Francisco.
Architect—None.
Contractor—J. Fraccia and C. Rosina, 1350 Gilman St., S. F.
Filed Feb. 20, '24. Dated Jan. 30, '24.
Frame up $10,250
Brown coated 10,250
Completed and accepted..... 10,250
Usual 35 days..... 10,250
TOTAL COST, $41,000
Bond, none. Limit, 100 days. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
Feb. 15, 1924—N SACRAMENTO 150-11 W Fillmore W 31-8xN 128. Eliza M Macdonald to whom it may concern.....Feb. 13, 1924
Feb. 15, 1924—SE BUCHANAN AND Birch 51-6 on Buchanan and 206-3 on Birch. J B Van Nuys to W D Henderson .....Nov. 15, 1923
Feb. 15, 1924—LOT 21 BLK 6417, Crocker Amazon Tract Sub No. 2. Crocker Estate Co to whom it may concern.....Feb. 4, 1924
Feb. 15, 1924—S 18.75 LOT 19 and N 15 Lot 20 Blk 6417, Crocker Amazon Tract Sub No. 2. Crocker Estate Co to whom it may concern.....Feb. 4, 1924
Feb. 15, 1924—S 22.50 LOT 18 and N 11.25 Blk 6417, Crocker Amazon Tct Sub No. 2 Crocker Estate Co to whom it may concern....Feb. 4, 1924
Feb. 15, 1924—LOT 16 and strip 3.75 ft. wide on N Lot 17 Blk 6417, Crocker Tract Sub No. 2. Crocker Amazon Tract No. 2. Crocker Est. Co to whom it may concern.....Feb. 4, 1924
Feb. 15, 1924—LOT 8 BLK 6439, Crocker Amazon Tct No. 2. Crocker Estate Co to whom it may concern .....Feb. 4, 1924
Feb. 16, 1924—N POST 137-6 W Stockton W 37-6xN 137-6. Wm M and Mary E Fitzhugh to Malott & Petersen, William J Forster Co and Fink & Schindler Co....Feb. 7, 1924
Feb. 15, 1924—S AUGUSTA 75 E Boutwell E 25xS 69-11 m or 1 SW 26-7 N 78-11¼ m or 1. Samuel Saari to whom it may concern.....Jan 14, 1924
Feb. 15, 1924—N SACRAMENTO 150-11 W Fillmore W 31-8xN 128. Eliza M Macdonald to whom it may concern.....Feb. 13, 1924
Feb. 15, 1924—W TWENTIETH AVE 65 N Kirkham N 35xW 120. Richard Keller to whom it may concern .....Feb. 15, 1924
Feb. 15, 1924—E ELEVENTH AVE 300 and 325 S Latham 25x120. Fred Warden to whom it may concern. .....Feb. 14, 1924
Feb. 15, 1924—S BALBOA 77-6 W 15th Ave W 50xS 100. John C Thomas to whom it may concern.Feb. 15, 1924
Feb. 14, 1924—NW FILBERT AND Hyde N 137-6xW 137-6. Capo Di Monto to C T Merchant..Feb. 14, 1924
Feb. 14, 1924—E TRENTON 62-6 N Jackson N 50xW 56. Ah Louis to Larsen Slegrist Co.....Feb. 13, 1924
Feb. 16, 1924—NW HANOVER 128 NE Lowell NE 25xNW 106-6. Maybell Pinkerton to whom it may concern.....Feb. 12, 1924
Feb. 16, 1924—E FLYMOUTH AVE 175 N Holloway Ave N 25x112-6. Chas A Thompson to whom it may concern.....Feb. 16, 1924
Feb. 16, 1924—NW HANOVER 153 NE Lowell NE 25x NW 106-6. Maybelle Pinkerton to whom it may concern.....Feb. 12, 1924
Feb 16, 1924—W CHURCH 89 N 28th N 25xW 100. Bridgetta Clahasey to whom it may concern..Feb. 16, '24
Feb. 16, 1924—W DEWEY BLVD 200 N Montalvo N 50xW 100. Fred K Perry to whom it may concern.. .....Feb. 15, 1924
Feb. 18, 1924—S DAY 150 E Church Harry E and Anna M Hutchinson to Joel Johnson & Son..Feb 18, '24
Feb. 13, 1924—LOT 18 BLK "L" Mission Terrace Walter E Hansen to whom it may concern..Feb. 14, 1924
Feb. 18, 1924—E FLORIDA 100 S 20th S 25x100. Jos Costa to whom it may concern.....Feb. 9, 1924
Feb. 18, 1924—N McALLISTER 50 W Willard N 100xW 25. Mrs. Lou Moller to H H Moller. Feb. 15, 1924
Feb. 18, 1924—SW HYDE AND Greenwich W 92xS 40. O B Martin to Alexander Coleman..Feb. 6, 1924
Feb. 18, 1924—LOT 13 except 3 feet off S bdy Blk 6449, Crocker Amazon Tract Sub 2. Crocker Estate Co to whom it may concern..Feb. 11, 1924
Feb. 18, 1924—SE MISSION 200 SW Excelsior Ave SW 25xSE 83-6 Ptn Lot 2 Blk 2 Excl Hd Ass'n. Albert Borelli to whom it may concern.. .....Feb. 18, 1924
Feb 18, 1924—S 6 FT. LOT 14 and N 19 ft. Lot 15 Blk 6449, Crocker Amazon Tract Sub 8. Crocker Estate Co to whom it may concern .....Feb. 11, 1921
Feb. 18, 1924—LOT 31 BLK 4 Forest Hill (S Magellan Ave — W Montalvo Ave.) Hcrace W. Kephart to John Arnott & Son....Feb. 18, 1924
Feb. 18, 1924—S SUTTER 217-6 E Montgomery E 57-6 S 119-4½ m or 1 SW 71-10¼ N 159-8⅞. Provident Securities Co to W P Fuller & Co. .....Feb. 6, 1924
Feb. 18, 1924—E TWENTY-SEVENTH Ave S Clement S 25 x E 160 E 27th Ave 200 S Clement S 25 x 120 more or less. H. O. Lindeman to W. R. Lindman .....Feb. 18, 1924
Feb. 18, 1924—E FRANKLIN 90 N Washington N 52 x 124. Louis D. Stoft to whom it may concern.. .....Feb. 16, 1924
Feb. 18, 1924—S OCEAN AVE., 103-6¼ E Faxon Ave., S 138-6 E 25 N 131-5 W 25-10½. Hans B. Feddersen to Meyer Bros.... .....Feb. 14, 1924
Feb. 18, 1924—E THIRTY-NINTH Ave. 115 S Geary S 75 x E 120. Meyer Bros. to whom it may concern .....Feb. 18, 1924
Feb. 19, 1924—LOT 4 AND N ½ or 25 feet Lot 5 Blk 17, St. Francis Wood Bert Nordman to Mangels Bros... .....Feb. 18, 1924
Feb. 19, 1924—S OAK 100 W Fillmore 40x120. Strand & Strand to whom it may concern..Feb. 19, 1924
Feb. 19, 1924—NW MASON AND Derby N 60xW 77-6. Spring Valley Water Co to Scott Co.... .....Feb. 18, 1924
Feb. 19, 1924—S ROLPH 25 and 75 E Seville E 25x100. E De Hoff for Atlas Home Builders to whom it may concern.....Feb. 19, 1924
Feb. 19, 1924—COM. AT E COR LOT 1 Blk 32 Map Blks 27 to 24, Forest Hill Extn. N 35° 27' 42" W 71.875 N 54° 32' 16" E 80 S 35° 27' 42" E 37.254 to beg S 35° 27' 42" E 90 NE 90 NW 90 SW 90. Hawkins Improvement Co to C F Parker... .....Feb 18, 1924
Feb. 19, 1924—N W LOUISIANA AND Twenty-third N 423 W 200 S 416.5 SE 30 m or 1 th 175 to beg. Pacific Gas & Electric Co to Chas C Moore & Co Engineers, Inc..Feb. 12, 1924
Feb 19, 1924—W JULES AVE 200 S De Montford Ave S 25xW 112-6 Lot 39 Blk 26, Lakeview. The McCarthy Co to James Arnott & Son .....Feb. 16, 1924
Feb. 19, 1921—LOT 24 BLK 10, St. Francis Wood. Edna K and Milton D Sapiro to Henry Papenhausen. Feb. 11; Higgins & Kraus and E Egnel.....Feb. 13, 1924
Feb 19, 1924—S COMMERCIAL 171-10 E Kearny 40x59-6. J H Hjul to whom it may concern..Feb. 18, 1924
Feb. 19, 1924—E TWENTY-FIRST Ave 175 N Balboa N 25x120. Henry A and Emma Meyer to Klaus Adler .....Feb. 16, 1924
Feb. 20, 1924 N FULTON 32-6 E 15th Ave 25x100. H C Christiansen to whom it may concern.Feb. 19, 1924
Feb. 20, 1924—NW LONDON 50 SW Italy Ave SW 25xNW 100 Ptn Lot 6 Blk 7, Excl Hd Assn. Fred Braun to whom it may concern.Feb. 8, 1924
Feb. 20, 1924—NE FIRST 275 SE Market SE 91-8xNE 137-6. Norris K Davis and Mercantile Tust Co., Trs. Horace Davis dec'd. to A H Peasey .....Feb. 19, 1924
Feb 20, 1924 N JACKSON 52-2 E Lyon E 35-4xN 100. John J Kingwell to J Prout.....Feb. 1, 1924
Feb. 20, 1924—E CRESCENT AVE 100 S Mission S 25xE 100. Anna Pedemonte to whom it may concern... .....Feb. 15, 1924
Feb. 20, 1924—SE BUCHANAN AND Birch Ave 51-5x206-3. J B Van Nuys to C C W and H H Haun... .....Jan. 2, 1924
Feb. 20, 1924—SE BOUTWELL AND Augusta — 25 S 96-11¾ SW 26-6⅞ N 196 Ptn Lots 480, 481 and 482 Silver Terrace. John Stanley to whom it may concern..Feb. 19, 1924
Feb. 20, 1924—NW ARMY AND DRYant N 27-5 W 75 S 23 m or 1 E 75-0¾ m or 1 to beg. Joseph A and Antonie Pollipps to whom it may concern.....Feb. 19, 1924
Feb. 20, 1924—N CLEMENT 32-6 W Twenty-eighth Ave — 25xN 77-6. Victor Zullmes to whom it may concern.....Feb. 20, 1924
Feb. 14, 1924—S 15 LOT 20 and N 18.75 Lot 21 Blk 6417 Crocker Amazon Tract Sub No 2. Crocker Est Co to whom it may concern.....Feb. 4, 1924
Feb. 14, 1924—S 18.75 LOT 19 and N 15 Lot 20 Blk 6417 Crocker Amazon Tract Sub. No. 2. Crocker Estate Co to whom it may concern .....Feb. 4, 1924
Feb. 14, 1924—S 22.50 LOT 18 and N 11.25 Lot 19 Blk 6417, Crocker Amazon Tract Sub. No. 2. Crocker Estate Co to whom it may concern .....Feb. 4, 1924
Feb. 14, 1924—LOT 16 and strip 3.75 wide lying alg N bdy line Lot 17 Blk 6417, Crocker Amazon Tract Sub No. 2. Crocker Estate Co to whom it may concern....Feb. 4, 1924
Feb. 14, 1924—LOT 8 BLK 6439, Crocker Amazon Tract Sub No. 2. Crocker Estate Co to whom it may concern .....Feb. 4, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Feb. 15, 1924—LOT 5 and S ½ Lot 4 Blk 3196, Westwood Park. Loop Lumber Co vs Mercantile Trust Co $807.27
Feb. 15, 1924—NO. 545 ASHBURY W Ashbury 57-6 N Haight 25x100. American Trading Co. of the Pacific Coast vs Frieda Hagelstein and Herman Steiger $108
Feb. 15, 1924—S MOULTON 79-6 E Fillmore E 58xS 34-6. H C Nicklassen vs Nisio Guisti and H E Hansen.....$140
Feb 15, 1924—SE FILLMORE AND Moulton E 137-6xS 34-6. Wetzel & Wunderlick vs H E Hansen and Nisio Guisti $640
Feb. 15, 1924—NW O'FARRELL AND Shannan W 56xN 112-6. Loop Lumber Co vs Fifth Church of Christ Scientist $2504.10
Feb. 15, 1924—SE FILLMORE AND Moulton E 137-6x34-6. F Masarie vs Nisio Giusti $319.17
Feb. 16, 1924—SE FILLMORE AND Moulton E 137-6xS 34-6. Scott Co, $245; Acme Lumber Co, $482.28; Acme Floor Co. $264; D J and T Sullivan, Inc, $215; J E Connell, $855; Eureka Teaming Co, $26.40; M B McGowan, $84.75 vs N Guisti and H E Hansen.....
Feb. 16, 1924—W JONES 77-6 N Turk N 50xW 68-9. Wm P Goss vs H F Ramacciotti and John Morton. $782
Feb. 16, 1924—SE FILLMORE AND Moulton E 137-6xS 34-6. J K Stewart vs Nicio Guisti and H E Hansen $85
Feb. 16, 1924—E FILLMORE 137-6 S Moulton S 34-6xW 137-6. Jas Cantley vs N Guisti and H E Hansen $100

Feb. 18, 1924—E POTRERO 177 N Mariposa N 26-4½ E 101-6 S 21 W 100. The Greater City Lumber Co vs Jos H, Helen and W E Babcock $224.90
Feb. 18, 1924—SE FILLMORE AND Moulton S 34-6xE 137-6. A V Berenio (as Beronio Lumber Co), $85; Sibley Grading & Teaming Co., $29.90 vs H E Hansen and Nisio Guisti or Giusti .....
Feb. 19, 1924—NW MIRAMAR AVE and Ocean Ave N 0° 24' E 20 SW 95 SE 45.113 SE 98.367 Lot 5 and S ½ Lot 4 Blk 3196, Westwood Park. Charles Sartorio vs Mercantile Trust Co and John Morton $1239.19
Feb. 19, 1924—LOT 16 BLK 24, Castro Street Addn. Reinhart Lumber & Planing Mill Co vs L P Smith and John A and Catherine Driscoll..$300
Feb. 19, 1924—S HAIGHT 105 W Broderick W 75xS 120. Palace Hardware Co vs George Balliet and V M Imshenetsky.....$237.50
Feb 19, 1924—SE FILLMOE AND Moulton E 137-6xS 34-6. American Marble & Mosaic Co vs Nisio Guisti and H E Hanson.....$99.75

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
Feb. 20, 1924—W CONGDON 85 S Trumbull S 25xW 100. E J Gallagher to L M Cooke .....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Feb 14, 1924—NW TURK AND Taylor. Wm J and Ann M Eyre as to improvements on property.....
Feb. 14, 1924—W SEVENTH 150 S Howard S 75xW 165. W P Fuller & Co as to improvements on property .....
Feb. 15, 1924—NO LOCATION GIVEN. Realty Syndicate Co as to improvements on property.....
Feb. 20, 1924—NW NATOMA 225 SW Eighth SW 25xNW 75. Anna Leu as to improvements on property..

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
764	Fabiola	Turner	13740
765	Fabiola	Plant	1160
766	Finney	Knight	16000
767	Croop	Knight	28500
768	Sherman	Deimer	16500
769	Stewart	Stewart	5500
770	Thompson	Thompson	4500
771	de Young	Nelson	1800
772	Willis	Owner	4000
773	MacKenzie	Fish	5944
774	Meineck	Kaler	1500
775	Ferguson	Keating	3400
776	Alameda	Owner	32000
777	Binder	Barker	3000
778	Hay	Hinch	3200
779	Thompson	Owner	3000
780	Bachulund	Owner	2000
781	Williams	Brookes	4750
782	Lind	Monroe	8000
783	Heenez	Wierk	1500
784	Bradburg	Owner	2000
785	Costello	Nichol	1550
786	Burks	Owner	3800
787	Stringer	Owner	3000
788	Robertson	Owner	4000
789	Eckerman	McCord	4750
790	Clark	Owner	6000
791	Smith	Owner	4000
792	Cameron	Owner	9000
793	Tarr	Miller	8000
794	Burnett	Owner	2800
795	Yarrow	Needham	2500
796	Correa	Covey	10240
797	Detroit	Bender	1404
798	Federal	Symon	3500
799	Brennan	Owner	3000
800	Schilling	Sullivan	1300
801	Barrington	Maurer	6000
802	Pape	Mohr	7000
803	Pfrang	Owner	7000
804	Hamilton	Owner	12000
805	Stevens	Owner	3000
806	McCord	Owner	5600
807	Lindquist	Owner	18000
808	Nelson	Owner	4500
809	Woodbrun	Owner	5000
810	Frederickson	Owner	3500
811	Darley	Littlefield	3000
812	Kane	Owner	3500
813	Storm	Owner	12000
814	Thurman	Owner	2800
815	Romo	Owner	2500
816	Orton	Owner	4000
817	Bennett	Owner	1500
818	Lester	Calif.	29000
819	Coshrane	Sharp	10000
820	Baggett	Owner	2500
821	Stone	Owner	7500
822	McCord	Owner	3000
823	Pearce	Owner	3000
824	Orton	Owner	3500
825	Kingsley	Owner	2500
826	Galli	Cand	2900
827	Verona	McCard	2800
828	Harrison	Owner	3000
829	Texiahl	Texdalh	5000
830	Saroni	Pond	16000
831	Teague	Damgard	1000
832	Barrington	Maurer	8467
833	More	McCullough	7600
834	Guarantee	Henderson	9000
835	Falk	San Francisco	1000
836	Meadows	Butzke	5700
837	Jackson	Potter	3000
838	Lorensen	Owner	5000
839	Pullen	Owner	3800
840	Carlson	Owner	3000
841	Laurey	Dolan	5980
842	Dollar	Peterson	15303
843	Martin	Martin	7500
844	Johnson	Johnson	3850
845	Burris	Johnson	4500
846	Myers	Myers	6000
847	Murdock	Owner	1500
848	Van Orden	Stolti	3350
849	Halloran	Conner	11420
850	Fristedt	Zeile	7500
851	Sowles	Owner	2500
852	Owen	Jordan	4500
853	Wright	Owner	14500
854	Peterson	Nibel	3000
855	Marston	Johnson	8500
856	Coady	Henrickson	4000
857	Spaeth	California	12500
858	Weaver	Owner	5900
859	Christensen	Webb	1000
860	Noble	Owner	3000
861	Vierra	Owner	1500
862	Youngstrom	Fernstrom	3500
863	Vohman	Lyon	3500
864	Hubbart	Lyon	4811
865	Newman	Owner	7000
866	Rogers	Owner	3650
867	Perona	Owner	6000
868	Brennan	Owner	5000
869	Duffy	Pabbio	4100
870	Bennett	Noonan	2000
871	Marquis	Owner	5000
872	Patterson	Owner	4000
873	Copeland	Pabbio	3400
874	Tobin	Scott	3400
875	Curtis	Mason	12000
876	Barrett	Designers	7000
877	Iggins	Owner	2500
878	Martin	Berkeley	6000
879	Briggs	Crane	7000
880	Agrella	Owner	3500
881	Pavillard	Owner	2800
882	Scott	Mogh	6000
883	Walker	Owner	3000
884	Somps	Owner	12000
885	Peterson	Owner	2000
886	Lyons	Gaubert	3000
887	Larmer	Larmer	3850
888	Lyons	Guabert	5000
889	Young	Owner	12750
890	Rose	Begier	5000
891	Bank	Perona	3000
892	Souza	Gross	3500
893	Sherbourne	Owner	1500
894	Bedding	Meyer	5000
895	La Torres	Van Ness	3000
896	Shockley	Shockley	3000
897	Stevenson	Owner	3000
898	Penjegerdes	Owner	3000
899	Neher	Western	10000
900	Barker	Barr	1800
901	Fitch	Andersen	5200
902	Horn	Shannon	5500
903	Miner	Whitehouse	5200
904	Normandie	Martin	4000
905	Sittig	Sittig	4000
906	Jacobs	Malmstrom	7000
907	Rea	Owner	3250
908	Ericson	Owner	3000
909	Smith	Owner	2700
910	Arnold	California	4000
911	Cranston	Cahill	70000
912	Courtney	Saloff	2500
913	Lindholm	Van Horn	5500
914	McLean	Owner	7500
915	McLean	Owner	2500
916	Tepp	Petersen	8000
917	McMann	McPhil	13975
918	Johanson	Owner	27000
919	Surr	Anderson	7364
920	Kaiser	Westlund	15420

ALTERATIONS
(764) N SIDE MORSE AVE. BET. Howe and Broadway, Oakland. Alteration to boiler plant and steam water and gas systems at hospital.
Owner—Fabiola Hospital Association, premises.
Architect—Hunter & Hudson, Rialto Bldg., San Francisco.
Contractor — The Turner Co., 272 Natoma St., San Francisco.
Filed Feb. 11, 1924. Dated Sept. 25, 1923
Value of work each month 75%
35 days after accepted.....25%
TOTAL COST, $13,740.
Bond, $6,870.; Sureties, Fidelity and Deposit Co. of Md.; Forfeit, none; Limit, 100 days; Plans and Specifications filed.

HEAT INSULATING
(765) N SIDE MOSS AVE. BET. Howe and Broadway, Oakland. Heat insulating covering and painting for boiler plant and accessories for hospital.
Owner—Fabiola Hospital Assn., premises
Architect — Hunter & Hudson, Rialto Bldg., San Francisco.
Contractor—Plant Rubber and Asbestos Works, 537 Brannan St., San Francisco.
Filed Feb. 11, 1924. Dated Feb. 9, 1924.
Completed and accepted $1095
35 days after completed 365
TOTAL COST, $1460
Bond, Sureties, Forfeit, none; Limit, 15 days; Plans and Specifications filed.

APARTMENTS
(766) LOT 10 BLK. A Map of Armes Tract, Oakland. Four 4-room apartments, 4 garages and 4 lockers.
Owner—John M. and Frances J. Finney, 1426 Franklin St., Oakland.
Architect—None.
Contractor — Harry C. Knight, 1426 Franklin St., Oakland
Filed Feb. 13, 1924. Dated Jan. 17, 1924.
Roof on $5000
Brown coated 5000
Accepted 4500
35 days after accepted 1500
TOTAL COST, $16,000
Bond, Sureties, Forfeit, none; Limit, 90 days after laying mud sills; Plans and Specifications filed.

APARTMENTS
(767) LOT 67 MAP OF OAKLAND Prospect Homestead, Oakland. Six 4 - room apartments, breakfast rooms and 4 garages.
Owner—Mannie Croop, 426 Franklin St., Oakland.
Architect—None.
Contractor — Harry C. Knight, 1426 Franklin St., Oakland.
Filed Feb. 13, 1924 Dated Jan. 29, 1924.
Roof on $7000
Brown coated 9000
Accepted 9000
35 days after accepted 3500
TOTAL COST, $28,500
Bond, Forfeit, Sureties, none; Limit 90 days after laying of mud sills; Plans and Specifications filed.

(768) 65 CROCKER AVE., Piedmont. 2-story 10-room residence and garage.
Owner—Lilian H. Sherman.
Architect—None.
Contractor—C. W. Deimer. $16,500

DWELLING
(769) 114 MAGNOLIA AVE., Piedmont 1-story 6-room dweling and garage.
Owner—B. A. Stewart, 668 Brookwood Rd., Piedmont.
Architect—None.
Contractor—B. A. Stewart, 668 Brookwood Road, Piedmont.
$5500

DWELLING
(770) 71 SPRING AVE., Piedmont. 1-story 5-room dwelling and garage
Owner — H. E. Thompson, 458 Lakeshore Blvd., Oakland.
Architect—None.
Contractor—H. E. Thompson 458 Lakeshore Blvd., Oakland. $4500

STORES
(771) 2001 ATLANTIC AVE., Alameda. 1-story 3-room stores.
Owner—A. W. de Young, 100 9th St., Oakland.
Architect—None.
Contractor—J. H. Nelson, 2428 Buena Vista, Oakland. $1800

DWELLING
(772) 1610 BROADWAY, Oakland. 1-story 6-room dwelling.
Owner—W. E. Willis, 1131 Adeline St., Oakland.
Architect—None. $4000

DWELLING
(773) CENTRAL AVE, Alameda. 1-story 6-room dwelling.
Owner—J. MacKenzie, premises.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. $5944

DWELLING
(774) 916 CHESTNUT ST., Alameda. 1 story 3-room dwelling.
Owner — Edith H. Meineck, Box 41 Sunnyvale, Cal.
Architect—None.
Contractor—M. C. Kaler, 2061 San Jose Ave., Alameda. $1500

DWELLING
(775) 1341 FOUNTAIN ST., Alameda. 1-story 4-room dwelling.
Owner—G. B. Ferguson, 1725 Lafayette St., Alameda.
Architect—None.
Contracter — Jos. Keating, 88th Ave., Oakland. $3400

DWELLING
(776) 3212 3216 3220 3222 3226 3230 3234 3238 Ferndale Blvd., Alameda. Eight 1-story 5-room dwellings.
Owner—Alameda Inv. Co., 703 Syndicate Bldg., Oakland.
Architect—None. $4000 each

ALTERATIONS
(777) 1345 PARK AVE., Alameda. Alterations.
Owner—Frederic Binder, premises.
Architect—None.
Contractor — Barker & Kendall, 1224 Chestnut St., Alameda. $3000

DWELLING
(778) 1808 WALNUT ST., Alameda. 1-story 4-room dwelling.
Owner—Alfred A. Hay, premises.
Architect—None.
Contractor—J. C. Hinch, 1613 Alameda Ave., Alameda. $3200

DWELLING
(779) W ADELINE 94 N Arlington, Oakland. 1-story 5-room dwelling.
Owner—E. L. Thompson, 545 17th St. Oakland.
Architect—None. $3000

DWELLING
(780) S BURR AVE. 188 E Thermal, Oakland. 1-story 4-room dwelling.
Owner—Peter Bachlund, 9505 Burr Ave Oakland.
Architect—None. $2000

DWELLING
(781) 3539 BOSTON AVE., Oakland. 1-story 6-room dwelling.
Owner — Winifred O. Williams, 3129 Arkansas St., Oakland.
Architect—None.
Contractor—W. R. Brookes, 2905 California, Oakland. $4750

FLATS
(782) W CLAREMONT AVE 90 S Forest, Oakland. 2-story 8-room flats.
Owner—Mrs. Emma Lind, 821 53rd St. Oakland.
Architect—None.
Contractor—J. W. Monroe, 5538 Clarement, Oakland. $8000

ALTERATIONS
(783) 1811 CASTRO ST., Oakland. Alterations.
Owner—Mrs. Alice Heenez, 1817 Castro St., Oakland.
Architect—None.
Contractor—Nick Wierk, 404 45th St., Oakland. $1500

DWELLING
(784) E DAISY ST. NO. 4917, Oakland. 1-story 4-room dwelling.
Owner—W. E. Bradbury, 837 5th Ave., Oakland. $2000
Architect—None.

ALT. & ADDITION
(785) 9214 E ST., Oakland. Alterations and additions.
Owner—S. Costello, premises.
Architect—None.
Contractor—H. J. Nichol, 7710 Foothill Blvd., Oakland. $1550

DWELLING
(786) 5714 FLEMING AVE., Oakland. 1-story 5-room dwelling.
Owner—E. E. Burks, 4129 Randolph Ave., Oakland.
Architect—None. $3800

DWELLING
(787) SW COR. FIFTIETH & VICKSburg Ave., Oakland. 1-story 5-room dwelling.
Owner—T. Stringer, 3754 E-14th St., Oakland.
Architect—None. $3000

DWELLING
(788) W SIXTY-SIXTH AVE. 547 E-14th St., Oakland. 1-story 6-room dwelling.
Owner—Robt. J. Robertsen, 3325 E-14th St., Oakland.
Architect—None. $4000

DWELLING
(789) 1820 SIXTY-NINTH AVE., Oakland. 1-story 6-room dwelling.
Owner—Elmora Ackerman, 5142 Ygnacio, Oakland.
Architect—None.
Contractor—E. J. McCord, San Leandro $4750

DWELLINGS
(790) W STANLEY RD. 40 & 80 N Meyers Ave., Oakland. 2 1-story 5-room dwellings.
Owner—Alder & Clark, 2907 Florida St., Oakland.
Architect—None. $3000 each

DWELLING
(791) W SEVENTY-SECOND AVE 150 S Spencer St., Oakland. 2 1-story 3-room dwellings.
Owner—B. H. Smith, 4428 E-14th St., Oakland.
Architect—None. $2000 each

DWELLINGS
(792) S TEXAS 80 120 160 W Pleitner Ave., Oakland. 3 1-story 5-room dwellings.
Owner—Herbert C. Cameron, 5619 Dover St., Oakland.
Architect—None. $3000 each

ALT & ADDITION
(793) 3411 3415 TELEGRAPH Ave., Oakland. Alteration and addition.
Owner—Wm. Tarr, 3411 Telegraph Ave Oakland.
Architect—None.
Contractor—Chester H. Miller, 414 13th St., Oakland. $8000

(794) 865 THIRTY-SECOND ST., Oakland. Alterations and addition.
Owner—C. H. Burnett, premises. $2800
Architect—None

DWELLING
(795) 4265 THIRTY-FIFTH AVENUE, Oakland. One-story 4-room dwelling.
Owner—S. M. Yarrow, 216 Henshaw Bldg., Oakland.
Architect—None.
Contractor—W. G. Needham, 216 Henshaw Bldg., Oakland. $2500

FLATS
(796) NE COR. WARFIELD AND Prince Sts., Oakland. Two-story 7-room flats.
Owner—Mrs. Correa.
Architect—None.
Contractor—Covey & Rose, 5818 Grove St., Oakland $10,240

ROOFING
(797) LOTS 3, 4, 5 and 6, Blk. 4 of Landregan Tract, Emeryville. Asphalt impregnated asbestos felt and asphalt roofing.
Owner—Detroit Steel Products Co., 251 Kearny St., San Francisco.
Architect—Washington J. Miller, 417 Market St., San Francisco.
Contractor—J. W. Bender Roofing & Paving Co., 180 Jessie St., San Francisco
Filed Feb. 13, 1924. Dated Dec. 26, 1923.
Completed and accepted $1050.00
36 days after 354.60
TOTAL COST, $1,404.60
Bond, $750.; Sureties, S. Stockhelm and Jas. S. Fennell; Forfeit, $25. per day; Limit, 7 days after roof is ready and notified; Plans and Specifications filed.

SALVAGING BLDG.
(798) 315 BATTERY ST., San Francisco. Salvaging building.
Owner—Federal Reserve Bank of San Francisco, Sansome and Sacramento Sts., San Francisco.
Architect—None.
Contractor—Wm. M. Symon, John D. Symon and Geo. Symon, (Symon Bros.) 1525 Market St., San Francisco.
Filed Feb. 14, 1924. Dated Feb. 11, 1924.
Payments not given.
TOTAL COST, $3500
Bond, $15,000.; Sureties, Fidelity & Deposit Co. of Md.; Forfeit, $100 per day; Limit, March 15, 1924; Plans and Specifications filed.

DWELLING
(799) 2233 CALIFORNIA, Berkeley. 1-story 5-room dwelling and garage.
Owner—J. P. Brennan, 2110 Shattuck, Berkeley.
Architect—None. $3000

DWELLING
(800) 1540 DWIGHT WAY, Berkeley. 1-story 5-room dwelling.
Owner—F. M. Schilling, premises.
Architect—None.
Contractor—H. E. Sullivan, 629 Elm St El Cerrito, Berkeley. $1300

DWELLING
(801) 1140 EUCLID, Berkeley. 1-story 5-room dwelling.
Owner—F. W. Barrington.
Architect—Henry W. Gutterson.
Contractor—The Geo. J. Maurer Co., 177 Ridgeway Ave., Oakland. $6000

PHYSICIANS BLDG.
(802) 2200 GROVE ST., Berkeley. 1-story 10-room physicians bldg.
Owner—Mr. C. Pape, 2018 Francisco, Berkeley.
Architect—Jan Platcher.
Contractor—Geo. L. Mohr, 1810 Shattuck, Berkeley. $7000

DWELLING
(803) 2424 OREGON, Berkeley. 1-sto. 6-room dwelling.
Owner—H. C. Pfrang, 5659 Ocean View Dr., Oakland.
Architect—None. $7000

STORES & APTS.
(804) 1583-85-87-89 SOLANO, Berkeley. 2-story class C stores and apts
Owner—M. F. Hamilton, 825 Santa Fe Ave., Berkeley.
Architect—None. $12,000

DWELLING
(805) 1537 VIRGINIA, Berkeley. 1-sto. 6-room dwelling.
Owner—Mrs. A. C. Stevens, 1515 Alice St., Oakland.
Architect—None. $3000

DWELLING
(806) 6000 & 6008 AVENAL, Oakland. Two 1-story 4-room dwellings.
Owner—T. J. McCord, 4741 E-14th St., Oakland.
Architect—None. $2800 each

DWELLINGS
(807) 4043 4049 4055 4061 4067 & 4075 Brookdale Ave., Oakland. Six 1-story 5-room dwellings.
Owner—Chas. W. Lindquist.
Architect—None. $3000 each

DWELLING
(808) S CLEVELAND AVE. 150 W Athol, Oakland. 1-story 5-room dwelling.
Owner—C. Nelsen, 1191 36th St., Oakland.
Architect—None. $4500

DWELLING
(809) 1101 CLARENDON CRESCENT Oakland. 1-story 6-room dwelling.
Owner—P. E. Woodburn, 624 Prospect Ave., Oakland.
Architect—None. $5000

DWELLING
(810) 4015 ELSTON AVE., Oakland. 1-story 5-room dwelling.
Owner—Karl S. Fredrickson, 16 Bonita Ave., Piedmont.
Architect—None. $3500

ALTERATIONS
(811) GORE E-TWELFTH, TWENty-third Ave. and Park Sts., Oakland. Alteration.
Owner—T. H. Darley, Oakland Bank Bldg., Oakland.
Architect—None.
Contractor—R. W. Littlefield, 357 12th St., Oakland. $3000

DWELLING
(812) E EIGHTY-NINTH AVE. 220 S Foothill Blvd., Oakland. 1-sto 5-rm dwelling.

Owner—M. H. Kane, 628 29th St., Oakland.
Architect—None. $3500

APARTMENTS
(813) NW COR. FORTIETH & MARket, Oakland. 2-story 16-room apts.
Owner—F. Storm, 746 5th Ave., Oakland.
Architect—None. $12,000

DWELLING
(814) 2015 FORTY-SIXTH AVE, Oakland. 1-story 5-room dwelling.
Owner—Jas. Thurman, 954 54th Ave., Oakland.
Architect—None. $2800

DWELLING
(815) 529 FORTY-FOURTH ST., Oakland. 1-story 5-room dwelling.
Owner—R. Romo, 3436 Hannah St., Oakland.
Architect—None. $2500

DWELLING
(816) 2707 FIFTY-FIFTH AVE., Oakland. 1-story 5-room dwelling.
Owner—A. E. Orton, 2558 Seminary Ave., Oakland.
Architect—None. $4000

DWELLING
(817) N FOOTHILL 475 W 90th Ave., Oakland. 1-story 3-room dwelling.
Owner—Cliff Bennett, 1117 Castro St., Oakland.
Architect—None. $1500

APARTMENTS
(818) N LESTER AVE. 90 & 145 E Hanover Ave., Oakland. 2-story 16-room apt. bldg. and garages.
Owner—John Lester, 1534 Franklin St., Oakland.
Architect—None.
Contractor — Calif Bldrs. Co., 1534 Franklin St., Oakland. $14,500 each

DWELLING
(819) 1065 LONGRIDGE RD., Oakland. 2-story 1-room dwelling and garage.
Owner—J. E. Cochrane, 4348 Park Blvd Oakland.
Architect—None.
Contractor—A. C. Sharp, 1327 E-28th St., Oakland. $10,000

DWELLING
(820) 2346 MITCHELL ST., Oakland. 1-story 4-room dwelling.
Owner—R. Baggett, 2330 Mitchell St., Oakland.
Architect—None. $2500

DWELLINGS
(821) W ONE HUNDRED FOURTH Ave. 87 N Biggarean;
E ONE HUNDRED FOURTH AVEnue, 240 S Graffian, Oakland. Two 1-story 5-room dwellings.
Owner—E. B. and A. L. Stone Co., 804 Spreckles Bldg., San Francisco.
Architect—None. $3750 each

DWELLING
(822) 2752 SIXTY-EIGHTH AVENUE Oakland. 1-story 5-room dwelling.
Owner—T. J. McCord, 4741 E-14th St., Oakland.
Architect—None. $3000

DWELLING
(823) W SIXTY-FIFTH AVE. 100 N Flora, Oakland. 1-story 5-room dwelling.
Owner—J. C. Pearce, 8906 E-14th St., Oakland.
Architect—None. $3000

DWELLING
(824) 5408 TRUMBULL AVE., Oakland 1-story 5-room dwelling.
Owner—A. E. Orton, 2558 Seminary Ave., Oakland.
Architect—None. $3500

STORES
(825) N WALNUT ST. 150 W Seminary Ove., Oakland. 1-story 2-room stores.
Owner—C. A. Kingsley, 3046 Seminary Ave., Oakland.
Architect—None. $2500

DWELLING
(826) NE ALCATRAZ AND HERZOG, Alameda. One-story 4-room dwlg.
Owner—L. Galli.
Architect—None.
Contractor—J. A. McCard, 390 49th St., Alameda. $2900

DWELLING
(827) NE FORTY-SEVENTH AND West, Alameda. One-story 4-room dwelling.
Owner—Antonio Verona, 47th St. near West, Alameda.
Architect—None.
Contractor—J. A. McCard, 390 49th St., Alameda. $2800

DWELLING
(828) NO. 2878 HOPKINS ST., Alameda. One-story 5-room dwelling
Owner—J. H. Harrison, Premises.
Architect—None. $3000

DWELLING
(829) NO. 6215 MANOA, Alameda. One-story 6-room dwelling.
Owner — O L. Texdahl, 6262 College Ave., Alameda.
Architect—None.
Contractor—C. M. Texdahl, 6262 College Ave., Alameda. $5000

DWELLINGS
(830) W SIXTY-EIGHTH AVE 275 S Beck.
W SIXTY-FOURTH AVE 110 S Hayes.
W SIXTY-SEVENTH AVE 315 S Avenal.
E SIXTY-EIGHTH AVE 510 S Arthur.
E SIXTY-FOURTH AVE 400 S Avenal, Alameda. Five one-story 5-room dwellings.
Owner—Louis Saroni, 733 Battery St., San Francisco.
Architect—None.
Contractor — C. P. Pond, 6664 E-14th St., Alameda $3200 each

ADDITION
(831) NO. 5437 TRASK, Alameda. Addition.
Owner—Mrs. Teague, Premises.
Architect—None.
Contractor—S. Damgard, 1352 39th Ave Alameda. $1000

DWELLING
(832) FUGLID AVE., Berkeley. All work for one-story and basement frame dwelling.
Owner—T. Winslow Barrington, 2738 Garber St., Berkeley.
Architect — Henry H. Gutterson, 278 Post St., San Francisco.
Contractor—The Geo. J. Maurer Co., 177 Ridgeway Ave., Oakland.
Filed Feb. 16, '24. Dated Feb. 12, '24.
Frame up ..... ¼
Brown coated ..... ¼
Completed ..... ¼
30 days after ..... ¼
TOTAL COST, $8467
Bond, no. Limit, 100 days. Forfeit, $8. Plans and specifications filed.

ALAMEDA PERMITS .. ..
DWELLING
(833) 1900-1904 BERRYMAN, Berkeley, 1-story 8-room dwlg.
Owner—Misses More, 805 Alameda, Berkeley.
Architect—None.
Contractor—H. McCullough & Son, 1641 Allston Way, Berkeley. $7600

DWELLING
(834) 1709 BERKELEY WAY, Berkeley, 2-story 11-room dwlg. and gar.
Owner—Guarantee Realty Co., Berkeley.
Architect—None.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland. $9000

DWELLING
(835) 1709 HOPKINS, Berkeley, 1-sto. 5-room dwlg.
Owner—Mr. Falk, premises.
Architect—None.
Contractor—S. F. Builders, Inc., 2007 San Pablo, Berkeley. $1000

DWELLING
(836) (REAR) 2026 LINCOLN, Berkeley, 1-story 6-room dwlg.
Owner—Mrs. L. Meadows, premises.
Architect—A. W. Smith.
Contractor—O. H. Butzke, 1315 66th St., Berkeley. $5700

DWELLING
(837) 1520 LINCOLN, Berkeley, 1-sto. 5-room dwlg.
Owner—Ruth Jackson, Pasadena, Cal.
Architect—None.
Contractor—A. W. Potter, 4025 Agua Vista St., Berkeley. $3000

DWELLING
(838) 2940 PIEDMONT, Berkeley, 1-story 6-room dwlg.
Owner—Walter Sorensen, 3221 Ellis St., Berkeley.
Architect—None. $5000

DWELLING
(839) 1622 SAN LORENZO, Berkeley, 1-story 5-room dwlg.
Owner—A. H. Pallen, 686 61st St., Oakland.
Architect—None. $3800

DWELLING
(840) 1451 WARD ST., Berkeley. 1-sto. 5-room dwlg.
Owner—Carlson & Lundblad, 1820 Fairview St., Berkeley.
Architect—None. $3000

DWELLING
(841) 140 ARBOR DRIVE, Piedmont, 1-story 6 room dwlg. and garage.
Owner—C. V. Laurey.
Architect—None.
Contractor—Leo J. Dolan, Syndicate Bldg., Oakland. $5980

(842) 101 KING AVE., Piedmont, Swimming Pool.
Owner—Stanley Dollar, premises.
Architect—Chas. W. McCall, Central Bk. Bldg., Oakland.
Contractor—Alfred Peterson, 3918 Linwood, Oakland. $15,303

DWELLING
(843) 107 MONTICELLO AVE., Piedmont, 2-story 6-room dwlg. and garage.
Owner—J. W. Martin Co.
Architect—None.
Contractor—J. W. Martin Co. $7500

DWELLING
(844) 809 OAKLAND AVE, Piedmont, 1-story 5-room dwlg. and garage.
Owner—E. Johnson.
Architect—None.
Contractor—L. Johnson & Son. $3850

DWELLING
(845) 165 OAK. ROAD, Piedmont, 1-story 5 room dwlg. and garage.
Owner—E. Burris, 218 Greenbank, Piedmont.
Architect—None.
Contractor—L. Johnson & Son. $4500

DWELLING
(846) 120 RONADA, Piedmont, 1-story 5-room dwlg. and garage.
Owner—R. M. Myers, 81 Yosemite, Piedmont.
Architect—None.
Contractor—R. M. Myers, 81 Yosemite, Piedmont. $6000

BARN
(847) 2448 ASHBY AVE, Berkeley, 1½-story barn (chg. to dwlg.)
Owner—E. C. Murdock, premises.
Architect—None. $1500

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DWELLING
(848) PART LOT 4 BLK. C Prospect Hill Tract, Oakland. Dwelling and sleeping porch.
Owner—Elise Van Orden, Oakland.
Architect—None.
Contractor—F. C. Stolte, 3455 Laguna, Oakland.
Filed Feb. 18, 1924. Dated Feb. 18, 1924.
Rafters up $837.50
1st coat plaster 837.50
Completed 837.50
35 days after 837.50
TOTAL COST, $3350
Bond, Sureties, Forfeit, None. Limit, 70 days. Plans and Specifications filed.

DWELLING
(849) W SIDE BELROSE AVE., 100 ft. S Derby St., Berkeley. Excavating concrete, plaster, brick, carpenter work, roofing, floors, hardware, glazing, painting, electric, sheet metal, plumbing, etc., 2-story dwelling and garage.
Owner—A. H. Halloran, 3929 Ashby, Berkeley.
Architect—W. H. Ratcliff, Jr., Mercantile Trust Bldg., Berkeley.
Contractor — Conner & Conner, 1726 Grove, Berkeley.
Filed Feb. 18, 1924. Dated Feb. 13, 1924.
Frame up $2855
1st coat plaster 2855
Completed and accepted 2855
35 days after 2855
TOTAL COST, $11,420
Bond, $5750. Sureties, National Surety Co. of N. Y. Forfeit, none. Limit, 85 days. Plans and Specifications filed.

DWELLING
(850) NO. 685 CONTRA COSTA ST., Berkeley. Two-story 7-room dwlg.
Owner—Karl Fristedt, California and Dwight Way, Berkeley.
Architect—None.
Contractor—Carl N. Zeile, 2544 Milvia St., Berkeley. $7500

DWELLING
(851) NO. 1462 CURTIS ST., Berkeley. One-story dwelling.
Owner—A. J. Sowles, 4130 Howe St., Oakland.
Architect—None. $2500

DWELLING
(852) NO. 1634-36 EDITH ST., Berkeley. One-story 8-room dwelling
Owner—W. E. Owen, 1644 Edith St., Berkeley.
Architect—None.
Contractor—M. Jordan, 5844 Broadway Oakland. $4500

FLATS
(853) NO. 2581-3-5-7 EUCLID AVE., Berkeley. Two-story 16-room flats.
Owner—M. A. Wright, 18 Alvarado Rd., Berkeley.
Architect—W. H. Ratcliff, Mercantile Trust Co., Bldg., Bkly. $14,500

DWELLING
(854) MENLO PLACE & SAN ROSA, Berkeley. 5-room dwelling.
Owner—Chas. M. Peterson.
Architect—None.
Contractor—Nibel and Manaugh, 1912 Grove St., Berkeley. $3000

DWELLING
(855) 1508 SCENIC, Berkeley. 10-room dwelling.
Owner—Capt. Marston, Berkeley.
Architect—None.
Contractor—H. E. Johnson, 644 Woodland Ave., San Leandro. $8500

DWELLING
(856) 1044 SIERRA, Berkeley. 5-room dwelling.
Owner—E. C. Coady, Cedar E of Shattuck, Berkeley.
Architect—None.
Contractor—A. Hendrickson, 6458 Raymond, Berkeley. $4000

APARTMENTS
(857) N AILEEN 90 E Market, Oakland. Two-story 16-room apartments and garage.
Owner—G. C. Spaeth, 1534 Franklin St., Oakland.
Architect—None.
Contractor — California Builders Co., 1534 Franklin St., Oakland. $12,500

DWELLING
(858) W DIVISION 140 N Wellington St., Oakland. One-story 6-room dwelling.
Owner—P. B. Weaver, 4315 Division St., Oakland.
Architect—None. $5900

ADDITION
(859) NO. 1227 FOURTEENTH ST., Oakland Addition.
Owner—M. Christensen, Premises.
Architect—None.
Contractor—Webb & Whalin, 4663 Fair Ave., Oakland. $1000

DWELLING
(860) S FIFTY-EIGHTH 140 W Adeline, Oakland. One-story 5-room dwelling.
Owner — G. H. Noble, 1336 Park St., Alameda.
Architect—None. $3000

DWELLING
(861) N HILLCREST AVE 500 W 90th Ave., Oakland. One-story 3-room dwelling.
Owner—Joe Vierra, 2243 E-20th St., Oakland.
Architect—None. $1500

DWELLING
(862) NO. 3807 MAPLE AVE., Oakland One-story 4-room dwelling.
Owner—V. B. Youngstrom, 1322 12th St., Oakland.
Architect—None.
Contractor—Chas. V. Fernstrom, 3516 Laguna Ave., Oakland. $3500

DWELLING
(863) S OUTLOOK AVE 250 E 64th Ave., Oakland. One-story 5-room dwelling.
Owner—Miss Vohnan.
Architect—None.
Contractor—C. D. Lyon, 22 Murdock Court, Oakland. $3500

DWELLING
(864) N OUTLOOK 110 E 64th Ave., Oakland. One-story 6-room dwelling.
Owner—W. T. Hubbart.
Architect—None.
Contractor—C. D. Lyon, 22 Murdock Court, Oakland. $4811

DWELLINGS
(865) W SIXTIETH AVE 86 N Foothill Blvd., Oakland. One-story 8-room dwelling and one-story 2-room dwelling.
Owner—T. J. Newman, 2607 60th Ave., Oakland
Architect—None. $7000

DWELLING
(866) NO. 2407 SIXTY-SIXTH AVE., Oakland. One-story 5-room dwlg.
Owner — C. A. Rogers, 132 Dake St., Oakland.
Architect—None. $3650

DWELLING
(867) N SIMS DRIVE, Oakland. One and one-half-story 6-room dwlg.
Owner—John Perona, 570 7th St., Okd.
Architect—None. $6000

DWELLINGS
(868) NO. 4115-4127 SHAFTER AVE., Oakland. Two one-story 4-room dwellings.
Owner—Martin Brennan, 383 45th St., Oakland.
Architect—None. $2500 each

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DWELLINGS
(869) NO. 2869 SHAFTER AVE., Oakland One-story 4-room dwelling and alter one-story 4-room dwelling.
Owner—Mrs. Mary Duffy, Premises.
Architect—None.
Contractor—A. De Fabbio, 3822 Ruby St., Oakland. $4100

DWELLING
(870) E SIXTYY-SECOND AVE 130 N Camden, Oakland. One-story 4-room dwelling.
Owner—C. E. Bennett, 1353 Bush St., San Francisco.
Architect—None.
Contractor — P. J. Noonan, 2481 60th Ave., Oakland. $2000

DWELLINGS
(871) NO. 1625-1629 SEVENTY-SECOND Ave., Oakland. Two one-story 4-room dwellings.
Owner—E. M. Marquis, 2827 Russell St., Berkeley.
Architect—None. $2500 each

DWELLING
(872) W SIXTY-FOURTH AVE 105 N Avenal Ave., Oakland. One-story 5-room dwelling.
Owner—J. F. Patterson, 2061 68th Ave., Oakland.
Architect—None. $4000

DWELLING
(873) S THIRTY-EIGHTH 150 E Shafter, Oakland. One-story 4-room dwelling.
Owner—Mrs. C. Copeland, 3823 Manila Ave., Oakland.
Architect—None.
Contractor—A. De Fabbio, 3822 Ruby St., Oakland. $3400

DWELLING
(874) S THIRTY-FIFTH 50 W Webster St., Oakland. One-story 3-room dwelling and garage
Owner—Laurel Tobin, 4118 Broadway, Oakland.
Architect—None.
Contractor—G. A. Scott, 685 23rd St., Oakland. $3400

DWELLING
(875) NO. 44 ALVARADO ROAD, Oakland. Two-story 9-room dwelling.
Owner—H. R. Curtis, Berkeley.
Architect—None.
Contractor—Mason-McDuffie Co., Shattuck and Addison, Berkeley. $12,000

DWELLING
(876) NO. 1308 EUCLID AVE., Berkeley. Two-story 8-room dwlg.
Owner—Mrs. T. R. Barrett, 1640 Bancroft, Berkeley.
Architect—E. Teicheira.
Contractor—Designers & Builders, 1956 University Ave., Berkeley. $7000

DWELLING
(877) NO. 1347 FRANKLIN, Berkeley. One-story 5-room dwelling.
Owner—Thos. F. Higgins, 2127 Broderick St., San Francisco.
Architect—None. $2500

FLATS
(878) NO. 1413-21 OXFORD ST., Berkeley. Two-story 8-room flats.
Owner—Walter T. Martin, 2141 Rose St., Berkeley.
Architect—None.
Contractor—Berkeley Bldg. Co., 2029 Shattuck Ave., Berkeley. $6000

DWELLING
(879) NO 811 OXFORD ST., Berkeley. Two-story 7-room dwelling.
Owner — F. N. Briggs, Faculty Club, Berkeley.
Archntect—P. L. Crane.
Contractor—P. L. Crane, 1188 Arch St., Berkeley. $7000

DWELLING
(880) E ATWELL ST 35 S Bona, Oakland. 1-story 5-room dwelling.
Owner—A. J. Agrella, 1512 78th Ave., Oakland.
Architect—None. $3500

DWELLING
(881) N BIRDSALL AVE. 75 E Kingsland, Oakland. 1-story 5-room dwelling.
Owner—A. T. Pavillard, 3216 Birdsall Ave., Oakland.
Architect—None. $2800

DWELLING
(882) E CHABOLYN RD. 200 N Chabot Rd., Oakland. 1-story 6-room dwelling.
Owner—Scott & Sayers, cor. Chabot & College Ave., Oakland.
Architect—None.
Contractor—J. H. Mogh, 4411 Pampas Ave., Oakland. $6000

DWELLING
(883) 5020 DOVER (rear), Oakland. 1-story 6-room dwelling.
Owner—Zula M. Walker, 594 48th St., Oakland.
Architect—None. $3000

FLATS
(884) SW COR. EXCELSIOR & BEAcon Ave., Oakland. 2-story 10-room flats.
Owner—J. Somps, 321 E-19th St., Oakland.
Architect—None. $12,000

DWELLING
(885) SE TWENTY-FOURTH ST. 34 W 9th Ave., Oakland. 1-story 3-room dwelling.
Owner—Laurence Peterson, 2335 9th Ave., Oakland.
Architect—None. $2000

DWELLING
(886) E EIGHTY-FIFTH AVE. 200 S E-14th St., Oakland. 1-story 5-rm dwelling.
Owner—L. Lyons, 1332 85th Ave., Oakland.
Architect—None.
Contractor—N. Gaubert, 1910 40th Ave Oakland. $3000

DWELLING
(887) N E-SIXTEENTH ST. 112 W 34th Ave., Oakland. 1-story 5-room dwelling.
Owner—A. W. Larmer, 3228 E-12th St., Oakland.
Architect—None.
Contractor—Edw. Larmer, 90 Fairview Ave., Oakland. $3850

DWELLING
(888) E-EIGHTY-FIFTH AVE. 200 S E-14th St., Oakland. 1-story 8-room dwelling.
Owner—L. Lyons, 1332 85th Ave., Oakland.
Architect—None.
Contractor—N. Gaubert, 1910 40th Ave, Oakland. $5000

APARTMENTS
(889) SW COR. FORTIETH & WEBster, Oakland. 2-story 17-room apartments.
Owner—J. H. Young, 4174 Emerald, Oakland.
Architect—None. $12,750

ADDITION
(890) S E-FOURTEENTH ST. 50 W 98th Ave., Oakland. 2-story addition.
Owner—J. S. Rose.
Architect—None.
Contractor—Harry H. Begier, 1541 Toler Ave., San Leandro. $5000

ALTERATIONS
(891) SE COR. EIGHTH & BDWY., Oakland. Alterations.
Owner—Fugazi Bank.
Architect—None.
Contractor—John Perona, 570 7th St., Oakland. $3000

DWELLING
(892) E-TWENTY-FIFTH ST. 350 E Highland, Oakland. 1-story 5-room dwelling.
Owner—T. A. Souza, 1948 E-25th St., Oakland.
Architect—None.
Contractor—H. B. Gross, 2105 92nd Ave Oakland. $3500

DWELLING
(893) W EIGHTY-SECOND AVE. 50 N Dowling, Oakland. 1-story 4-rm. dwelling.
Owner—W. W. Sherbourne 9633 E-14th St., Oakland.
Architect—None. $1500

LIBRARY
(894) E FRUITVALE 277 N Hopkins, Oakland. 1-story 3-room public library.
Owner—Wm. Beddig.
Architect—None.
Contractor—Harry Meyer, 3216 Brookdale Ave., Oakland. $5000

DWELLING
(895) NE COR. LAUREL AVE. AND Kansas St., Oakland. 1-story 4-rm. dwelling.
Owner—A. La Torres, 3210 Kansas St. Oakland.
Architect—None.
Contractor—L. E. Van Ness, 4920 Park Blvd., Oakland. $3000

DWELLING
(896) S QUIGLEY AVE. 125 E-35th Ave., Oakland. 1-story 4-rm dwlg.
Owner—Mrs. Shockley, 3543 Quigley St Oakland.
Architect—None.
Contractor—C. P. Shockley, 3543 Quigley St., Oakland. $3000

DWELLING
(897) W SIXTY-NINTH AVE. 1025 S Arthur St., Oakland. 1-story 5-rm. dwelling.
Owner — Chas. E. Stevenson, Box 95, Fruitvale, Oakland.
Architect—None. $3000

DWELLING
(898) 2360 TWENTIETH ST., Oakland 1-story 5-room dwelling.
Owner—C. L. Benjegerdes, 2129 E-24th St., Oakland.
Architect—None. $3000

DWELLING
(899) E VERMONT ST. 200 S Fairbanks, Oakland. 1-story 12-room dwelling.
Owner—F. M. Neher, 43 Bacon Bldg., Oakland.
Architect—None.
Contractor—Western Const. Co., 43 Bacon Bldg., Oakland. $10,000

ALTERATIONS
(900) 1060 WALKER AVE., Oakland. Alterations.
Owner—H. Barker, premises.
Architect—None.
Contractor—Barr & Son, 306 26th St., Oakland. $1800

RESIDENCE
(901) 1047 OAKLAND AVE., Piedmont. 1-story 5-room residence and garage.
Owner—Harry Fitch, 2229 10th Ave., Oakland.
Architect—None.
Contractor—H. C. Andersen, 401 Santa Fe, Berkeley. $5.00

RESIDENCE
(902) 32 CAMBRIDGE WAY, Piedmont. 1-story 5-room residence & garage.
Owner—John A. Horn.
Architect—None.
Contractor—Albert Shannon, 542 27th, Oakland. 5500

RESIDENCE
(903) 21 RAMONA AVE., Oakland. 1-story 6-room residence.
Owner—F. H. Miner.
Architect—None.
Contractor—J. F. Whitehouse 124 Moraga, Piedmont. $5200

ALAMEDA PERMITS ... ...

DWELLING
(904) 1340 McGEE AVE, Berkeley. 1-story 5-rm. dwlg. and garage.
Owner—Harold D. Normandie. 1136 Sutter St., Berkeley.
Architect—None.
Contractor—Roy V. Martin, 1616 25th Ave., Oakland. $4000

DWELLING
(905) 1214 OXFORD, Berkeley. 2-sto. 6 rm. dwlg.
Owner—Ada Sittig, 1216 Oxford, Berkeley
Architect—Edw. Hassey.
Contractor—E. J. Sittig, 1216 Oxford, Berkeley. $4000

DWELLING
(906) W SANTA BARBARA RD 120 N Indian Rock Ave., Berkeley. 2-story 7-room dwlg.
Owner—Mrs. Mabel Jacobs, Glengary Apts., Berkeley.
Architect—None.
Contractor—J. B. Malmstrom, 2326 27th Ave., Berkeley. $7000

DWELLING
(907) 1147 WALNUT, Berkeley. 1-sto. 6-rm. dwlg.
Owner—Wm. J. Rea, 2222 Bancroft, Berkeley.
Architect—None. $3250

DWELLING
(908) 2741 WALLACE, Berkeley. 1-story 5-rm. dwlg.
Owner—Walter Ericson, 3071 Kansas St., Oakland.
Architect—None. $3000

DWELLING
(909) W 87TH AVE. 160 S Birch St., Oakland. 1-sto. 4-rm. dwlg.
Owner—R. A. Smith, 1757 82nd Ave., Oakland.
Architect—None. $2700

DWELLING, STORE
(910) NW COR E 20TH ST AND 20TH Ave., Oakland. 1-sto. 3-rm dwlg. and store.
Owner—H. Arnold, 1534 Franklin St., Oakland.
Architect—None.
Contractor—Calif. Bldrs. Co., 1534 Franklin St., Oakland. $4000

CONC. STORE, LOFT
(911) W FRANKLIN ST 84 S 15th St., Oakland. 4-sto. conc. stores and loft.
Owner—Wm. Cranston, Alexander Bldg., San Francisco.
Architect—Schirmer-Bughee Co., Thayer Bldg., Oakland.
Contractor—Cahill Bros., Sharon Bldg., San Francisco. $70000

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY
(THE SAN FRANCISCO BANK)
SAVINGS COMMERCIAL
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One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco
526 California Street, San Francisco, Cal.
DECEMBER 31st, 1923

Assets	$89,174,468.57
Capital, Reserve and Contingent Funds	3,850,000.00
Employees' Pension Fund	430,275.37

MISSION BRANCH ..... Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH ..... Clement St. and 7th Ave.
HAIGHT STREET BRANCH ..... Haight and Belvedere Streets
WEST PORTAL BRANCH ..... West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

DWELLING
(912) 3232 GEORGIA ST., Oakland. 1-sto. 4-rm. dwlg.
Owner—W. F. Courtney, 3875 Maybelle, Oakland.
Architect—None.
Contractor—A. Saior, 2914 39th Ave., Oakland. $2500

FLATS
(913) 5925-5929 MASABA AVE., Oakland. 2-sto. 8-rm. flats.
Owner—Ed Lindholm, premises.
Architect—None.
Contractor—D. W. Van Horn, 6004 Monadnock, Oakland. $5500

FLATS
(914) W 27TH AVE 264 SE 16th St., Oakland. 2-sto. 10-rm. flats.
Owner—John McLean, 1507 27th Ave., Oakland.
Architect—None. $7500

DWELLING
(915) W TWENTY-SEVENTH AVE., (rear) 264 S E-Sixteenth St., Oakland. 2-story 4-room dwelling.
Owner—John McLean, 1507 27th Ave., Oakland.
Architect—None. $2500

ALTERATIONS
(916) 1222 THIRTY-FOURTH AVE., Oakland. Alterations and addition.
Owner—Mrs. Tepp.
Architect—None.
Contractor—J. B. Petersen, 2053 38th Ave., Oakland. $8000

STORE BLDG.
(917) SE COR. TWENTY-THIRD and Valley Sts., Oakland. 1-story brick stores.
Owner—R. E. McMann, 730 Thornhill Rd., Oakland.
Architect—C. N. Burrell, American Bk. Bldg., Oakland.
Contractor—A. J. McPhee, 2144 E 27th St., Oakland $13,975

DWELLINGS
(918) 7021-27-33 7101-07-15-21 7201-07, Weed St., Oakland. Nine 1-story 5-room dwellings.
Owner—K. A. Johanson, 2429 13th Ave., Oakland.
Architect—None. $3000 each.

DWELLING
(919) LOT 4 BLK 16 BALY'S SCENIS Park, Berkeley. All work for 1-story 6-room dwelling and garage & basement.
Owner—Vincent Surr & Mary F. Surr, Berkeley.
Architect — Hutchison & Mills, 1214 Webster St., Oakland.
Contractor — A. Frederick Anderson, 2800 Delaware, Oakland.
Filed Feb. 20, 1924. Dated Jan. 17, 1924.
Frame up $1841
Brown coated 1841
Completed and accepted..... 1841
Usual 35 days 1841
TOTAL COST, $7364
Bond, $3682; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 90 days; Plans and specifications filed.

DWELLING
(920) LOT 1 BLK 6 LAKEMONT Oakland. All work for 2-story frame dwelling and garage.
Owner — H. J. Kaiser, 461 Bellevue, Oakland.
Architect—Schirmer Bugbee Co., Thayer Bldg., Oakland.
Contractor — Fred J. Westlund, 2211 10th Ave., Oakland.
Filed Feb. 20, 1924. Dated Feb. 19, 1924.
Sheathing & roof on $3855
Brown coated 3855
Completed and accepted 3855
Usual 35 days 3855
TOTAL COST, $15,420
Bond, $7710; Sureties, New Amsterdam Casualty Co.; Forfeit, none; Limit, 90 days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Amount
Recorded
Feb. 14, 1924—Grounds University of Cal. Regents University of Cal. to K. E. Parker Co. ..... Feb. 5, 1924
Feb. 15, 1924—LOT 13 Blk. 15 "Northbrae Berkeley," Berkeley. Ella Condy to A. Hendrickson. Feb. 8, 1924
Feb. 15, 1924—POR. BLK. 271 Boardman's Map of Oakland and Vicinity, Oakland. Jeannie G. Stratton to Calif. Bldrs. Co. .....Feb. 14, 1924
Feb. 15, 1924—1353 and 1355 E 27th St., Oakland. Mrs. Belle Rusco to E. J. McCord ..... Feb. 15, 1924
Feb. 15, 1924—LOT 11 BLK E "Maxwell Park Oakland," Oakland. Arthur Bard & Co. to whom it may concern ..... Feb. 11, 1924
Feb. 15, 1924—LOT 12, BLK E "Maxwell Park Oakland," Oakland. Arthur Bard & Co. to whom it may concern ..... Feb. 11, 1924
Feb. 15, 1924—LOT 16 BLK. E "Maxwell Park Oakland," Oakland. Arthur Bard & Co. to whom it may concern ..... Feb. 11, 1924
Feb. 15, 1924—POR. LOTS 9 and 10 Blk. 6 "Map of part of Hays & Caperton Prop., town of Alameda," Alameda. W. E. Willis to whom it may concern ..... Feb. 13, 1924.
Feb. 15, 1924—1620 Grand Ave., Piedmont. Henry Falk to S. Rodgers. ..... Feb. 11, 1924.
Feb. 15, 1924—S LINE 13th St., 60 from W line Franklin St., W along S line 13th St. 40 then S 100 E 40 N 100 to com. Tribune Bldg. Co. to Scott Co. ..... Feb. 11, 1924.
Feb. 15, 1924—LOT 8 BLK. Q Amended map of Moss Tract, Brooklyn Tp., Oakland. Chas. E. Reisebach to whom it may concern. Feb. 15, 1924

Feb. 15, 1924—S 16.67 LOT 16 and N 16.67 Lot 17 Blk 14, Solano Ave Terrace Tract, Berkeley. Designers & Builders Corp to whom it may concern ..... Feb. 15, 1924—NO. 542 COLUSA AVE., Berkeley. Designers & Builders Corp to whom it may concern ..... Feb. 16, 1924—PTN CLINTON VIEW Homestead Map Clinton View Homestead, Oakland. Clarence K Nichols to Leo L. Nichols. Feb. 15, 1924
Feb. 16, 1924—NO. 7322 LOCUST AV Oakland. W A Croll to whom it may concern ..... Feb. 14, 1924
Feb. 16, 1924—LOT 55 BLK 16 Map of Sub Ptn N Cragmont, Berkeley. Oscar I Runnels to whom it may concern ..... Feb. 14, 1924
Feb. 16, 1924—LOT 7 BLK B Amended Map Teachers Tract Oakland Tp., Berkeley. C A Anderson to whom it may concern. Feb. 15, 1924
Feb. 16, 1924—LOTS 16 AND 17 Map Santa Fe Tract No. 17, Oakland. The Pacific Tel & Tel Co to Monson Bros. ..... Feb. 7, 1924
Feb. 16, 1924—LOT 4 and Ptn Lots 3 and 28 Blk 174, Kelleberger's Map of Oakland. The Oakland Bank to California Artistic Metal & Wire Co. ..... Feb. 11, 1924
Feb. 16, 1924—LOT 265 Map E B & A L Stone Co's Lots Elmhurst, Brooklyn Tp. Oakland. Erwin Kittlemann to J B Peterson ..... Feb. 1, 1924
Feb. 16, 1924—LOTS 4 AND 5 BLK Y, Hemphill Tract, Oakland. John Oswald to whom it may concern ..... Feb. 15, 1924
Feb. 16, 1924—NO. 4630 EL CENTRO Ave., Oakland. Matt Matzele to C W Reed ..... Feb. 15, 1924
Feb. 16, 1924—PTN LOTS 46 AND 47 Blk 17, North Cragmont, Berkeley. Fealey & Moll, $176.44; Henry Cowell Lime & Cement Co, $389.70; Nelson Lumber Co, $47062 to H H Gastman ..... Feb. 14, 1924
Feb. 18, 1924—LA LOMA PARK W 50 of S 125 of lot 14 Blk. 2245, Berkeley. Lena S. Brown to F. C. Stolte ..... Feb. 13, 1924
Feb. 18, 1924—1501 LE ROY AVE., Berkeley. David Weeks to whom it may concern ..... Feb. 16, 1924
Feb. 18, 1924—N LINE CO. RD., No 1536 Hayward Acres, Alameda Co. Wm. P. Hodgkins to Reite Bros. ..... Feb. 11, 1924

Feb. 18, 1924—N 55 OF LOT 5, BLK. 16, 2449 Berkeley Villa Assn., Berkeley. Rob. S and Agnes C. Leopold to Frank Tanner ..... Feb. 14, 1924

Sept. 16, 1924—1019 TRESTLE GLEN Road, "The Oaks," Oakland. H. J. Riegelhaupt to Jas. L. Rich ..... Feb. 14, 1924
Feb. 18, 1924—LOT 18, BLK. 3 North Cragmont, Berkeley. G. M. Parkinson to Neoman & Agwater ..... Feb. 16, 1924
Feb. 18, 1924—2014 SIXTEENTH Ave. Wm. Dorwin to F. A. Andrews & J. T. Hoch ..... Jan. 30, 1924
Feb. 18, 1924—LOT 3 BLK. B Map John Stadler, Brooklyn Tp., Oakland. John Herger to Jos. Flittner ..... Feb. —, 1924
Feb. 18, 1924—1437 EIGHTIETH AVE Oakland. Walter B. Dickie to whom it may concern. Feb. 18, 1924
Feb. 18, 1924—1443 EIGHTIETH AVE Oakland. Walter B. Dickie to whom it may concern. Feb. 18, 1924
Feb. 18, 1924—CALIFORNIA ST. and University Ave., Berkeley. S. P. Co. to Hutchinson Co. Feb. 13, 1924
Feb. 18, 1924—1717-3-5-7 LAGUNITAS Ave., Oakland. S. Neeich to whom it may concern ..... Feb. 16, 1924
Feb. 18, 1924—POR. LOTS 30 and 31, Map Berkeley Prop., Map No. 3, Blake Tract, Berkeley. Chas. J. and Mary S. Perry to F. P. Butterfield ..... Feb. 16, 1924
Feb. 19, 1924—2626 SIXTY-EIGHTH Ave. Oakland. Paul Louis and Magdalena Silber Kick to whom it may concern ..... Feb. 16, 1924
Feb. 19, 1924—S EAGLE AVE 100 E Broadway S 75 E 39-5 N 75 W 39-5 Ptn Lots 13, 14 and 15, Oakland. Celia Ghiselli to M Bacigalupi ..... Feb. 18, 1924
Feb. 19, 1924—LOT 7 BLK 19, Melrose Heights, Oakland. Mary S Gillis to Alex C Wieber. Feb. 12, 1924
Feb. 19, 1924—LOT 34 BLK "D" Map Piedmont Knoll, Piedmont. Wilder Wight to whom it may concern ..... Feb. 19, 1924
Feb. 19, 1924—LOT 19 BLK "H" Moss Tract, Oakland. John Draper to whom it may concern. Feb. 13, 1924
Feb. 19, 1924—LOT 14 BLK 21, Lakeshore Highlands Add No. 1, Oakland. P B Weaver to whom it may concern ..... Feb. 19, 1924
Feb. 18, 1924—LOT 34 BLK 1, Map Berkeley Square, Berkeley. Anthony and Lois Ellen Rose to W McKie ..... Feb. 13, 1924
Feb. 18, 1924—PTN LOT 8 Map Peralta Park S Holly bet. 78th and 79th Aves., Oakland. L A Dechaine to whom it may concern ..... Feb. 18, 1924
Feb. 18, 1924—NO. 3247-55-57 MADISON St., Alameda. Callie Buck to Howard Williford ..... Feb. 18, 1924
Feb. 18, 1924—NO. 2629 LOGAN ST., Alameda. Effie Roberts to Jewell & Turpen ..... Feb. 9, 1924
Feb. 20, 1924—LOT 6 AND POR. LOT 5 Blk 4, Map of Curtis Tract, Berkeley. Manuel F. Ignacio to F. Offe ..... Feb. 15, 1924.
Feb. 20, 1924—2300-02-04-06 Fruitvale Ave., Oakland. Chas. R. Squires to whom it may concern ..... Feb. 16, 1924.
Feb. 20, 1924—LOT 62 NO BLK., Terminal Junc. Tract, town of Albany. W. I. Booth to whom it may concern ..... Feb. 19, 1924
Feb. 19, 1924—E SIDE PERALTA Ave., bet. Montana and Arkansas, Lot 4, Blk. D Oak. Highlands, Oakland. J. T. Harvey to whom it may concern ..... Feb. 6, 1924.
Feb. 19, 1924—474 44TH ST., Oakland. C. H. Vaughan to whom it may concern ..... Feb. 6, 1924.
Feb. 19, 1924—1028 98TH AVE., Oakland. E. J. Elliott to Geo. E. Nickerson ..... Feb. 18, 1924
Feb. 19, 1924—LOT 30 BLK. 15, Map No. 4, Regents Park, Oakland. Alice D. Crook to E. W. Hyde ..... Feb. 16, 1924.
Feb. 19, 1924—LOT 2, BLK. A Lakeshore Terrace, Oakland. C. J. Malley to whom it may concern ..... Feb. 19, 1924.

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LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Feb. 15, 1924—4207 Arroyello Ave., Oakland. Fred Starr vs. Mary W. Bennett, a widow $648.35

Feb. 14, 1924—LOT 18 Map Fitchburg Add., Brooklyn Tp. Oakland. Duner Matheny Sash & Door Co., vs. E. J. McCord $160.85

Feb. 14, 1924—LOT 18 AND W 5 LOT 17 Blk. 6 Map of Allendale Park Tract, Oakland. Duner - Matheny Sash & Door Co., vs. Kramer Bros., E. C. Kramer and C. W. Kramer, Susie Betts $151.30

Feb. 14, 1924—LOT 1 BLK. 10 Map of Hollywood, Oakland and San Leandro, Alameda Co. R. E. Neikirk vs. S. Victor Davidow $788.10

Feb. 16, 1924—W LAUREL AV 724.12 S Hatherly Ave, Hayward. E L Blackman Co vs M R Gonsalves... .....$405.76

Feb. 16, 1924—LOT 36, Ardley Hghts Tract, Map Ardley Heights Tract, Oakland. John J Ross vs Mary E Reid and F A McCausland....$277.55

Feb. 19, 1924—LOT 3 BLK 19 Key Route Terrace, Albany. Wm I Booth vs Sophia L Jorgensen..$300

Feb. 19, 1921—PTN LOT 68, Map of Piedmont Manor, Piedmont. E Davis Durrette vs S Rogers, Henry and Helena Falk.....$200

Feb. 19, 1924—LOT 9 BLK 5 Map of Leek Est. Orchards Map No. 1 Sub Blks 1 to 8 incl, Eden Tp. Sunset Lumber Co vs H W Leck Estate & (C F Gregorson) $474.72

Feb. 20, 1924—1820, 1822 FIFTH ST., Berkeley. P. C. Altman vs. S. Simon $361.50

Feb. 20, 1924—LOT 16 BLK. O The Oaks, Piedmont. Lee J. Immel vs. J. McCord $117.15

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

Feb. 19, 1924—457 STOWE AVE. Oakland. E. K. Wood Lumber Co., to Lew G. Gow, Lew Hing and Geo. Quinge $39.33

Feb. 18, 1924—LOTS 1 AND 2 BLK G Map Sub of Blks E, F, and G, Mary E Mortimer Addn to Niles. Elmer G Graybill to Salvatore and Egizia de Julio $58.43

Feb. 18, 1924—LOTS 1 and 2, Blk G Map Sub. of Blks E, F and G of Mary E. Mortimer add. to Niles, town of Niles. Roy Nickerson to Salvotore & Egizia de Julio...$85.00

Notice of Non-Responsibility

ALAMEDA COUNTY

Feb. 20, 1924—Louise Stengel as to improvements on property.....

Feb. 15, 1924—ALAMEDA INV. CO. As to improvements on property..

Feb. 15, 1924—WM. BRANNAN. As to improvements on property.....

Feb. 14, 1924—CARLOS G. WHITE, Verne E. White. As to improvements on property.....

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

PIPE LINE
BETWEEN FELLOWS & COALINGA. All work for laying 25.5 miles of pipe line.
Owner—Associated Pipe Line Co., T. W. Patterson Bldg, Fresno.
Architect—None.
Contractor—Mike & Howard Lang.
Filed Feb. 11, '24. Dated ——.
Completed, 35c to 45c per ft... 65%
Usual 35 days.....Balance
TOTAL COST, $——
Bond, $60,000, Surety, U. S. Fidelity & Guaranty Co. Limit, forfeit, plans and specifications, none.

LOTS 7 AND 8 BLK 74, K. B. Heights, Fresno. All work for dwelling.
Owner—D. Paul, 1520 F St., Fresno.
Architect—None.
Contractor—W. F. Jennings, Mattei Bldg., Fresno.
Filed Feb. 14, '24. Dated Feb. 14, '24.
As work progresses..... 75%
Usual 35 days.....Balance
TOTAL COST, $5983
Bond, $4483. Surety, Fidelity & Deposit Co. of Maryland. Limit, 75 working days from Feb. 2, 1924. Forfeit, $2 per day. Plans and specifications filed.

BUILDING
PTN LOTS 26 TO 32 BLK 83, Fresno. All mill work for building
Owner—Pacific Southwest Realty Co.
Architect—None.
Contractor—Fresno Planing Mill, H & Monterey Sts., Fresno.
Filed Feb. 15, '24. Dated Dec. 1923 and Jan. 1924
As work progresses..... 75%
Usual 35 days, balance..... 25%
TOTAL COST, $44,834
Bond, limit, forfeit, none. Plans and specifications, none.

ORNAMENTAL IRON WORK ON above.
Contractor—Sartorious Co., 15th and Utah Sts., San Francisco.
Filed Feb. 15, '24. Dated Dec., 1923 and Jan., 1924.
Payments same as above.....
TOTAL COST, $27,158
Bond, none Limit, 75 to 160 days. Forfeit, plans and specifications, none.

PLUMBING ON ABOVE.
Contractor — Barrett-Hicks Co., 1031 Broadway, Fresno.
Filed Feb. 15, '24. Dated Dec., 1923 and Jan., 1924
Payments same as above.....
TOTAL COST, $64,243
Bond, none. Limit, 75 to 160 days. Forfeit, plans and specifications filed.

ELECTRICAL WORK ON ABOVE.
Contractor—Valley Electrical Supply Co., 1817 Tulare St., Fresno.
Filed Feb. 15, '24. Dated Dec., 1923 and Jan., 1924.
Payments same as above.....
TOTAL COST, $20,540
Bond, limit, forfeit, plans and specifications, none.

PAINTING ON ABOVE
Contractor—D. Zelinsky & Sons, 165 Grove St., San Francisco.
Filed Feb. 15, '24. Dated Dec., 1923 and Jan., 1924.
Payments same as above.....
TOTAL COST, $16,824
Bond, limit, forfeit, plans and specifications, none.

MARBLE & TILE WORK ON ABOVE.
Contractor—B. V. Collins.
Filed Feb. 15, '24. Dated Dec., 1923 and Jan., 1924
Payments same as above.....
TOTAL COST, $46,500
Bond, limit, forfeit, plans and specifications, none.

PLASTERING ON ABOVE.
Contractor — A. Knowles, Call Bldg., San Francisco.
Filed Feb. 15, '24. Dated Dec., 1923 and Jan., 1924.
Payments same as above.....
TOTAL COST, $54,947
Bond, limit, forfeit, plans and specifications, none.

LINOLEUM & LINOTILE ON ABOVE.
Contractor — Bonded Floors Co., Inc., 370 2nd St., San Francisco.
Filed Feb. 15, '24. Dated Dec., 1923 and Jan., 1924.
Payments same as above.....
TOTAL COST, $19,976
Bond, limit, forfeit, none. Plans and specifications, none.

METAL WINDOWS AND KALAMEIN doors on above.
Contractor—U. S. Metal Products Co., 330 10th St., San Francisco.
Filed Feb. 15, '24. Dated Dec., 1923 and Jan., 1924.
Payments same as above.....
TOTAL COST, $22,536
Bond, limit, forfeit, plans and specifications, none.

GLASS AND GLAZING ON ABOVE.
Contractor—Tyre Bros. Glass Co., 1314 Broadway, Fresno.
Filed Feb. 15, '24. Dated Dec., 1923 and Jan., 1924.
Payments same as above.....
TOTAL COST, $16,586
Bond, limit, forfeit, plans and specifications, none.

COMPLETION NOTICES

FRESNO COUNTY.

Recorded Accepted

Feb. 11, 1924—LOTS 41 AND 42 Boles North Park Addition, Fresno. A H Alchian to Carl Hovsepian. Feb. 7, '24

Feb. 14, 1924—NW TUOLUMNE AND L Sts, Fresno. Y W C A of Fresno to R F Felchlin Co.....Feb. 8, 1924

Feb. 14, 1924—LOT 9 E ½ Lot 8, Hollywood Acres, Fresno. Frank Cicerello to W T Harris.....Feb. 13, 1924

Feb. 14, 1924—W ½ LOTS 89 AND 90 Montpellier Tract, Fresno. W A Clark to whom it may concern... ....Feb. 14 1924

Feb. 15, 1924—LOTS 37 AND 38 BLK 6, Roeding Addition, Fresno. I F Stoner to whom it may concern... .....Feb. 13, 1924

Feb. 16, 1924—LOTS 17 AND 18 BLK 25, Belmont Add, Fresno. H H Baker to whom it may concern.... .....Feb. 15, 1924

Feb. 16, 1924—LOT 2 BLK 68, Sierra Vista Add No. 3, Fresno. H S Bradley to whom it may concern.. .....Feb. 14, 1924

Feb. 16, 1924—LOTS 17 AND 18 BLK 3, Englewood Add'n, Fresno. Andrew Chitty to whom it may concern.....Feb. 16, 1924

Feb. 18, 1924—LOT 2 except S 50 ft. S 25.62 of Lot 1 Blk 3, Roosevelt Heights, Fresno. W B Watson and A F Lambert to whom it may concern.....Feb. 18, 1924

Feb. 18, 1924—LOT 35 BLK 12, Belmont Add'n, Fresno. Robt Harriman to whom it may concern..... .....Feb. 16, 1924

Feb. 19, 1921—E 50 FEET OF W 100 Ft. of S ½ Lot 14, Normal Acres, Fresno. L D Wallace to whom it may concern.....Feb. 18, 1924

Feb. 19, 1924—LOTS 3 AND 4 BLK 4, Recreation Park, Fresno. Slane Burdette to whom it may concern .....Feb. 18, 1924

Feb. 19, 1924—LOTS 6, 7 AND 8 BLK —, Biola. Jos L Smith to whom it may concern.....Feb. 15, 1924

Feb. 19, 1924—LOTS 21, 22 AND 23 Blk 2, Torrance Terrace, Fresno. L M Vastbinder to whom it may concern.....Feb. 18, 1924

Feb. 19, 1924—LOTS 12 AND 13 BLK 73, Fresno. L W Moultrie and Jack Dod to Fisher & McNulty... .....Feb. 19, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount

Feb. 13, 1924—LOTS 1 TO 48 BLK 1; Lots 1 to 48 Blk 2; Lots 1 to 48 Blk 3; Lots 1 to 24, 48 Blk 4, High Add No. 4, Fresno. Bland Mack and A P Stewart vs Cons Inv Co and L Camuels $2398

Feb. 14, 1924—LOT 20 BLK 5, Blvd Garders No. 2, Fresno. Maisler Bros vs Sam Sale.....$1057

Feb. 15, 1924—NE 315.8x413.8 FT. OF SW ¼ of Sec 11, 14-20, Fresno. California Pottery Co vs Anna Pearson $327

Feb. 19, 1924—LOTS 12 AND 14 BLK 73, Fresno. Fisher & McNulty vs L W Moultrie $348

Feb. 19, 1924—LOTS 17 AND 18 BLK 1, Echo Tract, Fresno. W T H Martin vs Frances J Waterman and S T Loux.....$141

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

LOT 8 BLK 4 East of Center St., Stockton. All work for building.
Owner—Union Cafe Deposit Bank, 30 N-San Joaquin St., Stockton.
Architect—None.
Contractor—J. A. Allen, 312 S-Tuxedo St., Stockton.
Filer Feb. 12, '24. Dated Feb. 11, '24.
TOTAL COST, $128,593
Bond, none. Limit, 180 working days. Forfeit, plans and specifications, none.

BUILDING
NO. 21 W-WALNUT ST., Stockton. All work for building
Owner — Chris Gauthier, 222 S-Sierra Nevada St, Stockton.
Architect—None.
Contractor—Mellin & Taylor.
Filed Feb. 15, '24. Dated ——.
TOTAL COST, $——
Bond, limit, forfeit, plans and specifications, none.

RESIDENCE, $4500; No. 1735 West Mt. Diablo St., Stockton; owner, H. E. Waltz, 1307 W-Fremont St., Stockton
RESIDENCE, $1000; No. 620 E-Charter St., Stockton; owner, F. M. Stowe.
RESIDENCE, $2750; No. 2031 S-American St., Stockton; owner, M. J. Drais, Bank of Italy Bldg., Stockton.
RESIDENCE, $2750; No. 2025 S-American St., Stockton; owner, M. J. Drais, Bank of Italy Bldg., Stockton.
RESIDENCE, $2500; No. 318 N-Locust St., Stockton; owner, J. W. Williams, Wilson Ave., Stockton.
RESIDENCE, $4500; No. 417 W-Walnut St., Stockton; owner, H. Budd, 219 N-Sutter St., Stockton.
RESIDENCE, $2950; No. 1450 S-American St., Stockton; owner, A Canale
CREAMERY, $40,000; No. 540 S-Pilgrim St., Stockton; owner, Milk Producers Ass'n., 42 W-Main St., Stockton.
RESIDENCE, $5000; No. 27 E-Cleveland St., Stockton; owner, L. Segale.
RESIDENCE, $5700; No. 1235 W-Popular St., Fresno; owner, C. N Thurn.
RESIDENCE, $5000; No. 1202 W-Flora St., Stockton; owner, C. J. Turner.
BUILDING, $129,000; No. 321 E-Main St., Stockton; owner, Union Safe Deposit Bank, 30 N-San Joaquin St., Stockton.
RESIDENCE, $4500; No. 1735 W-Mt. Diablo St., Stockton; owner, H. E. Waltb, 1320 N-Harrison St., Stockton.
RESIDENCE, $2500; No. 342 N-Locust St., Stockton; owner, J. W. Williams, 826-8 E-Market St., Stockton

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Feb. 11, 1924—LOT 4 BLK 5 Sub No. 1 Tuxedo Park, Stockton. Dan Malatesta to Lee Burrow...Feb. 11, 1924
Feb. 12, 1924—LOT 4 BLK 5 Sbdvn No. 1, Tuxedo Park, Stockton. Dan Malatesta to Lee Burrow.Feb. 11, '24
Feb. 15, 1924—LOT 15 BLK 28, Victory Park Terrace, Stockton. Willard M Corning to Vincent Dave Vaie.....Feb. 12, 1924

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Feb. 15, 1924—LOT 6 BLK 6, Lomita Park, Stockton. Stockton Lumber Co vs Laura E Willer.....$244.24
Feb. 15, 1924—LOT 5 BLK 6, Lomita Park Subd., Stockton. Stockton Lumber Co vs J A Kelly.....$244.24
Feb. 15, 1924—LOT 9 BLK 6, Lomita Park Subd, Stockton. Stockton Lumber Co vs J A Kelly.....$244.24
Feb. 14, 1924—LOT 415, Elmhurst. Superior Lumber & Fuel Co vs W A and Anna Hall.....$1317.16

BUILDING CONTRACTS

SACRAMENTO COUNTY

REMODELING
NO. 1319-23 K ST., Sacramento. Remodeling building.
Owner—J. D. Lauppe Invest Co.
Architect—None.
Contractor — Walter W. Campbell (Campbell Constr. Co.), Nicolaus Bldg., Sacramento.
Filed Feb. 13, 1924. Dated Feb. 14, 1924. Payments not given.
TOTAL COST, $24,980
Bonds, Forfeit, Limit, Specifications, none; Plans filed.

DWELLING, 1-story 6-room and garage, $3000; 3173 E, Sacramento; owner, W. D. McKoy, 3031 E, Sacramento; contractor, H. G. Birdsall 1503 13th, Sacramento.
DWELLING, 1-story 6-room and garage, $5700; 648 36th, Sacramento; owner, Mrs. W. F. Bailey, Berkeley contractor, Coleman & Holmes.
DWELLING, 1-story 6-room and garage, $5700; 2731 3rd, Sacramento; owner, C. A. Holmes, 2624 35th, Sacramento; contractor, Coleman & Holmes.
DWELLING, 1-story 5-room and garage, $5000; 962 41st Sacramento; owner, J. O. Tobey, 1217 15th, Sacramento; contractor, E. Thomas, 2021 24th, Sacramento.

DWELLING, 1-story 5-room and garage, $2850; 2756 2nd Ave., Sacramento; owner, Sayres & Cameron, Florin, Sacramento; contractor, E. Cameron.

REMODEL interior, $9000; 916 7th, Sacramento; owner, Frank P. Williams, 4410 San Benito Way.
DWELLING, 1-story 5-room and garage, $2900; 1909 15th, Sacramento; owner, J. Pedone, 914 S, Sacto.
DWELLING, 1-story 5-room and garage, $3800; owner, J. J. Corman, 1203 W, Sacramento; contracter, Geo. Danger 1300 37th, Sacramento
DWELLING, 1-story 6-room and garage, 2427 G, Sacramento; owner, Frank Morgan, 1515 9th, Sacramento; contractor, J. A. Saunders, 2810 I, Sacramento.
DWELLING, one-story 5-room and garage, $3000; No. 569 36th St., Sacramento; owner, L. J. Miller.
DWELLING, 2-story 7-room and garage, $3200; No. 1708 26th St., Sacramento; owner, C. Addison, 2518 Q St., Sacramento; contractor, H. G. Birdsall, 1503 13th St., Sacto.
DWELLING, one-story 5-room and garage, $3000; No. 520 26th St., Sacramento; owner, G. Graves; contractor, H. G. Birdsall.
DWELLING, one-story 5-room and garage, $3700; No. 1437 32nd St., Sacramento; owner, J. C. Carly Co., 823 J St., Sacramento.
DWELLING, one-story 5-room and garage, $3700; No. 1451 32nd St., Sacramento; owner, Carly Co.
DWELLING, one-story 5-room and garage, $3700; No 1420 32nd St., Sacramento; owner, Carly Co.
DWELLING, one-story 5-room and garage, $3500; No. 3335 J St., Sacramento; owner, A. Diognardi, 521½ 14th St., Sacramento; contractor, C. Vanina, 2022 M St., Sacramento.
DWELLING, 1-story 5-room and garage, $4500; 2440 Donner Way, Sacramento; owner, David Cippa, 2914 J, Sacramento; Contractor, W. P. Cippa, 2526 7th, Sacramento.
DWELLING, 1-story 6-room and garage, $5000; 1350 47th, Sacramento owner, Rudolph Snyder, 4500 Ventura Ave., Sacramento; contractor, L. F. Gould, 1623 O, Sacramento.
DWELLING, 1-story 5-room and garage, $5800; 1100 Santa Barbara Ave., Sacramento; owner, J. O. Marshall, 1319 H, Sacramento; contractor, J. W. Lattin, 3223 San Benito Way, Sacramento.
DWELLING, 1-story 5-room and garage, $2650; 5001 J, Sacramento; owner, Forest Hill, 2601 J, Sacramento; contractor, A. T. Myers, 3772 Y, Sacramento.
DWELLING, 1-story 5-room and garage, $3500; 1341 32nd, Sacramento; owner, A. McFarlane, 821 42nd, Sacramento.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

DWELLING, 1-story 5-room and garage, $4500; 2649 Castro Way, Sacramento; owner, Mrs. M. A. Ballagh, L. A.; contractor, R. L. Hahtaway.
DWELLING, two-story 7-room and garage, $7500; No. 2901 25th St., Sacramento, owner, John Bruener Co.
DWELLING, 1-story 5-room and garage, $4950, No 2649 Portola Way, Sacramento, owner, Mrs. Jennie W. Sullivan, 3900 Y St., Sacramento; contractor, W. B. Ladue, 2319 O St., Sacramento.
DWELLING, one-story 5-room and garage, $3800; No. 537 38th St., Sacramento; owner, Frank Hunt, No. Sacramento; contractor, W. C. McMasters.
DWELLING, one-story 5-room and garage, $3500; No. 1933 35th St., Sacramento; owner, M. K. Richardson, 1604 M St., Sacramento.
DWELLING, one-story 5-room and garage, $3000; No 1061 36th St., Sacramento; owner, Carl Koch, 3418 L St., Sacramento.
REMODED into apartments, $4500; No. 626 I St., Sacramento; owner, Mame S. Deloy, San Francisco; contractor, C. Vanina, 2022 M St., Sacto.
DWELLING, 2-story 6-room and garage, $2500; No. 2526 37th St., Sacramento; owner, A. J. Perrone, 2530 37th St., Sacramento.
DWELLING, one-story 5-room and garage, $5500; No. 3132 T St., Sacramento; owner, Henry Lynn, 2224 M St., Sacramento; contractor, T. E. Hunt, 2925 S St., Sacramento.
DWELLING, one-story 5-room and garage, $3000; No. 640 San Antonio Way, Sacramento; owner, L. B. Keller, 1098 8th St., Saeramento; contractor, N. H. Bateman, 3933 H St., Sacramento.
DWELLING, one-story 5-room and garage, $3000; No. 1045 Santa Ynez Way, Sacramento; owner, R. A. Briggs, 717 17th St., Sacramento; contractor, Carl Koch, 3418 L St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Feb. 10, 1924—LOTS 1, 2, 3 AND 4, L. M. 28th & 29th Sts., Sacramento. Sutter Hospital Assn to whom it may concern.....Feb. 4, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Feb. 17, 1924—LOT 68 CASA LOMA Terrace, Saeramento. Latourrette-Fical Co vs H A Petrelli, James L Beloat and Linnie E (ux), R E Peart and Arthur W Peart..$160.86
Feb. 17, 1924—LOT 6 T ST. Add'n., Sacramento. Latourrette Fical Co vs R J and Nellie I Amacker, H A Petrelli et al $84

BUILDING CONTRACTS

SANTA CLARA COUNTY

PERMITS

COTTAGE, 5-room, $2300; Josefa St. near Auzerais, San Jose; owner, S. H Geracci; contractor, W. H. Smith.
COTTAGE, 5-room, $3800; Second St. near Jackson, San Jose ;owner, J. N. Gollner, 20 Garfield St., San Jose
RESIDENCE, $1950; Colfax St. near Orchard, San Jose; owner, C. Rasmusson, Hicks Ave., San Jose.
COTTAGE, 4-room, $1950; Julian and 19th Sts., San Jose; owner, W. F. St. Ores.
COTTAGES, two 4-room, $2600 each; Balbach and Locust Sts., San Jose; owner, Jerome Garcia, 1052 S-1st St., San Jose.
COTTAGE, 5-room, $2500; Autumn St near Julian, San Jose; owner, T. Hersbach.
COTTAGE, 4-room, $1400; Shortage & 31st Sts., San Jose; owner, J. V. Rose, 1441 E-Santa Clara St., San Jose.
ALTER residence into apartments, $4750; 13th and San Fernando Sts., San Jose; owner, H. Recksiek; architect, A. C. Hatch; contractor, C. F. Keesling, 348 Coe St., S. J.

COTTAGE, 3-room, $1000; Twenty-third near William St., San Jose; owner, Philip Dangelo, 24 Polhemus St., San Jose.
COTTAGE, 4-room, $3000; Seventh St. near Keyes, San Jose; owner, Mrs. Jenkins, contractor, Jos. Swain, 1140 S-Seventh St., San Jose.
COTTAGE, 5-room, $3000; 12th St. near Martha, San Jose; owner, Albert Hinty.
ALTER front, $2125; No. 43 S-Second St., San Jose; Lessee, M. Blum & Co.; 18 S-First St., San Jose; architect, Herman Kraus, Bird and Palm Sts., San Jose; contractor, Megna & Newell.
TWO cottages, 4-room, $3450 each; Twentieth St. near Antonio St., San Jose; owner, R. E. Ford, 125 Vaughn St., San Jose.
COTTAGE, 5-room, $3800; Twentieth St., near Antonio St., San Jose; owner, R. E. Ford, 125 Vaughn St., San Jose.
ALTER residence into apartments, $1985; No. 377 S-Sixth St., San Jose; owner P. J. Huxtable Premises.
COTTAGE 4-room $1000; Twenty-fourth St. near San Fernando St., San Jose; owner, Wm. F. Sawyer.
COTTAGE two-room, $1000; Sherman St., near Floyd St., San Jose; owner, Antonio Scarcella.
ALTER residence into apartments, $1500; No 26 S-Eighth St., San Jose owner, S. B. Wright, 840 S-6th St., San Jose; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, Amos Buck, 500 Spencer St., San Jose.
COTTAGE, 5-room, $3000; Tenth St. near Washington St., San Jose; owner, A. York, 16 N-Third St., San Jose.

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW
PART LOT 11 & PART 12 BLOCK 47 Easton Add, Redwood City. All work for bungalow.
Owner—Annie M. Bullivant, Redwood City.
Architect—None.
Contractor—Guss Waller, 220 Hudson, Redwood City.
Filed Feb. 8, 1924. Dated Feb. 8, 1924.
Framed .....
Plastered .....
Completed and accepted .....
Usual 35 days .....
TOTAL COST, $3366
Bond, $1700; Sureties, W. P. Gray, Z. T. Thorny; Forfeit, none; Limit, before May 8, 1924; Plans and specifications filed.

BUNGALOW
PART LOT 11 & PART 12 BLOCK 47 Easton Add., Redwood City. All work for bungalow.
Owner—Annie M. Bullivant, Redwood City.
Architect—None.
Contractor—Guss Waller, 220 Hudson, Redwood City.
Filed Feb. 8, 1924. Dated Feb. 8, 1924.
Framed .....
Plastered .....
Completed and accepted.....
Usual 35 days .....
TOTAL COST, $3366
Bond, $1700; Sureties, W. P. Gray, Z. T. Thorny; Forfeit, none; Limit, before May 8, 1924; Plans and specifications filed.

BUNGALOW
613 FEET W FROM RALSTON AVE. on Old County Road, San Mateo. All work for stucco bungalow and garage.
Owner—Hugeo Leeb.
Architect—None.
Contractor—?, C. Farris Jr.
Filed ——. Dated Feb. 13, '24.
Walls up $1150
Brown coated 1150
Completed 1150
Usual 35 days..... 1150
TOTAL COST, $4600
Bond, $4600. Sureties, Fred Watkins and J. O'Connor. Limit, 140 working days. Forfeit, $5. Plans and specifications, none.

DWELLING
N ½ LOT 4 BLK 1, Burlingame Park Addition No. 2, Burlingame. All work for two-story frame dwelling and garage.
Owner—K. and M. Larson et al.
Architect—None.
Contractor—Lewis E. White.
Filed Feb. 15, '24. Dated Jan. 31, '24.
Roof on $2612.75
Brown coated 2612.75
Completed 2612.75
Usual 35 days..... 2612.75
TOTAL COST, $10,451.00
Bond, limit, forfeit, plans and specifications, none.

DWELLING, $5000; Lot 3 Blk 7 7th Ave., San Mateo; owner, Frank Lynch; contractor, Frank Ferrer, 712 5th Ave., San Mateo.
DWELLING, $8000; Lot 4 Blk A El Camino, San Mateo; owner, H. A. Peckham, 518 Highland Ave., San Mateo.
ALTERATIONS and additions, $3500; 1400 Florabunda Ave., Burlingame owner, G. W. Nickle.
LUNGALOW and garage, $3000; Lot 5 Blk 7 Paloma Ave., Burlingame; owner, Lillian R. Randles.
BUNGALOW and garage, $5000; Lot 21 Blk 8 Paloma Ave., Burlingame; owner, E. S. Shaver, 765 Farrington Rd., Burlingame.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Feb. 9, 1924—LOT 2 BLK 12, Hillcrest Daly City. F E Goundey to whom it may concern.....Feb. 9, 1924
Feb. 11, 1924—LOT 15 BLK 37, Easton No. 2, Burlingame. Thos E Daley to whom it may concern .....Feb. 9, 1924
Feb. 13, 1924—LOT 25 BLK "A" Haywood Park, San Mateo. Etta B Savage to J E Ball....Feb 10, 1924
Feb. 13, 1924—LOT 17, 18 AND 19 Blk 32 Dingee Park, Redwood. Richard Schmidt Jr to Guss Waller .....Feb. 8, 1924
Feb. 13, 1924—PTN LOT 210, San Mateo Park, San Mateo. Edna and Grace Smith to James R Smith... .....Feb. 8, 1924
Feb. 13, 1924—LOT 11 BLK 14, Burlingame Grove, Burlingame. H E Jenkins and G H Stern to Hammer & Hullbing.....Jan. 17, 1924
Feb. 15, 1924—N SANTA INEZ AVE 290 W from the State Highway th 75 feet on Santa Inez Ave., San Mateo. Maria Louise Perry & Anna Bradford, Agent to George H Arthurs.....Jan. 29, 1924
Feb 16, 1924—PTN LOT 2-B Bowie Estate No. 1, Hillsborough. D Ghirardelli to The C H Bessett Bldg Co.....Feb. 6, 1924
Feb. 18, 1924—LOT 10 BLK 25, Easton No. 2, Burlingame. H J Hughes to whom it may concern. Feb. 18, 1924
Feb. 18, 1924—LOT 14 BLK 16, Burlingame Grove, Burlingame. J A Sellick and G Meister to whom it may concern .....

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Feb. 11, 1924—LOT 6 BLK 15, Vista Grand, Daly City. H Smith vs J G Chase $188.50
Feb. 11, 1924—PTN LOT 166, San Mateo Park, San Mateo. San Mateo Planing Mill Co, vs Mitchell Jackson, Inc et al.....$2114 35;
Feb. 11, 1924—PTN LOT 166, San Mateo Park, San Mateo. James Rosewarne (as Peninsula Glass Co) $233.50; J C Steinbagh and L F Sawyer (as Peninsula Elec Co.), $568.12; Misnom Bonner Hardware Co, $178.57 vs California Pacific Title Insurance Co et al.....
Feb. 13, 1924—LOT 25 BLK 7, San Bruno Park, San Bruno. San Mateo Feed & Fuel Co vs William Demartini .....$——
Feb. 13, 1924—PTN LOT 166, San Mateo Park, San Mateo. J F McGowan vs California Pacific Title Insurance Co., Trustee, et al..$479.91
Feb. 14, 1924—PTN LOT 247 Sub No. 3, San Mateo Park, San Mateo. Carl Larup vs John Eshia et al..$83
Feb. 14, 1924—LOTS 12 AND 13 BLK 1, Huntington Park, San Bruno. Mission Lumber Co vs J E Rogers and San Francisco-Peninsula Land Co $65.98
Feb. 15, 1924—LOT 9 BLK 61, Easton No. 7, Burlingame. W C Palamountain vs Walter E Schuetz.... .....$400.58
Feb. 12, 1924—LOTS 13 AND 14 BLK 4, Menlo Heights John N Wilbur vs Mrs. Diana Hagebol.....$48

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
Feb. 18, 1924—LOT 6 E ½ LOT 8 BLK 6, New High School Acre, Redwood City. Floyd L Baird to Leonard & Holt and Jaseph S and Marie G Hosking $51,94

WATERWAY DEVELOPMENT URGED

The following declaration was adopted at the concluding session of the National Transportation Conference held under the auspices of the Chamber of Commerce of the United States, with regards to the development of waterways and co-ordination of rail and waterway service:

1. With a view to affording the cheapest and most effective transportation possible and safeguarding more fully against a shortage of transportation in regions where the rapid growth of industry and commerce threatens to surpass the expansion of facilities a sound national program of waterway development should be determined and actively prosecuted. To this end, without delaying progress of work on existing projects or interfering with international negotiations to render possible the St. Lawrence waterway and power development, a national survey should be made by the Army Engineers in consultation with the Department of commerce and other public and private agencies as to the engineering commercial and economic phases. This survey should include a schedule of priorities to insure prompt completion of practical waterway units in such order as will best augment the National transportation system.

2. To determine more fully the possibilities of inland waterway transport, the Secretary of War should be given the necessary authority and funds to operate the barge lines on the Mississippi and Warrior Rivers in accordance with good commercial practice.

3. Through rail-and-water and water-and-rail routes and rates with equitable divisions of the rates between the two types of carriers, should be established wherever economically warranted and in the public interest.

4. The nation, states, municipalities and commercial organizations should, by appropriate measures within their respective fields, promote the establishment and maintenance of service on inland waterways, wherever such services are economically desirable and in the public interest.

STEAM HEAT RATE INCREASE

Rates on steam heating of downtown apartment houses served by the Pacific Gas & Electric Company will be increased 7 cents per 1000 pounds February 22 and an additional 5 cents on March 5 on account of the 25-cent increase in the barrel price of crude oil January 22 and a further 15 cents February 5, by an authorization of the State Railroad Commission.

The company was also directed by the commission to file by February 22 its new schedule of increased gas service rates if it elects to institute increases, based on the increased cost of fuel oil.

TAXES SAID TO HAMPER BUILDING

One sixth of all money received by landlords for rent is being turned over to the city government in taxes under the present local tax situation in New York City, according to findings of an investigation by the Merchants' Association of New York. Findings of the investigation will be significant in other cities where real estate boards under the leadership of the National Association of Real Estate boards are carrying on campaigns for reduction of the local as well as the national tax burden.

State and national taxes have been a large contributing factor in the housing shortage, Lewis E. Pierson, president of the merchants' association, asserts, on the face of facts brought out by the investigation.

"Taxes on land have increased the cost of the property on which houses can be built," Pierson brings out. "Taxes on the lumberman, and on the brick manufacturer have increased the cost of the floors and walls. Taxes on steel and iron have increased the cost of metal going into the house. Taxes on the manufacturer of tiles have increased the cost of the roof. Taxes on the manufacturer of plumbing and electrical fixtures have increased the cost of the interior.

"And whether the man who occupies the house purchases it or rents it, he must pay not only for the actual labor and material in the building, but also for on invisible but expensive addition built out of government taxes."

MUNY OWNERSHIP PAYS

After paying out $3509 in redemption of bonds, and $2640 for interest, the municipal water department of Red Bluff had a balance in the treasury January 31st of $4,713.30. The amount collected for water sales in January was $1993.86 and the balance in the treasury December 31st, as $9,522.56. The amount paid out during the month footed to $663.12.

S-B-U BROADCAST

Tune in boys, if you have a radio, and get the message that S-B-U is sending out. S-B-U is the Smith-Booth-Usher Company station, headquarters in San Francisco for "money making machinery" for the contractor. S-B-U broadcasts the following messages:

"The year 1924 will be good and your share as good as you help to make it. The man was right who said—"To Make More Money Yourself, help your customers to make more money."

Edward R. Bacon Company Closes Fourth Annual Sales Convention

After a four day session the Fourth Annual Sales Convention of the Edward R. Bacon Company drew to a close on Saturday evening February 9th with a banquet at Harry Marquard's Cafe, San Francisco.

The Convention was in all respects a big success. Mr. W. H. Shoemaker, Manager of the Los Angeles Branch attended with his entire sales force and service manager. The Service Department is fast becoming one of the big factors to which may be accredited a great deal of the success of the Edward R. Bacon Comuany—manufacturers and distributors of motor truck, road building and building construction equipment.

The branch managers of the Fresno, Sacramento and Oakland offices were also present.

Several of the Eastern manufacturers had representatives at the convention. Among those present were Mr. R. F. Frizelle, Manager Sales Promotion of the Wood Hydraulic Hoist & Body Company, Detroit, Michigan; Mr. G. E. Pearson, Sales Manager of the Acme Road Machinery Company, Frankfort, New York manufacturers of the Acme Gasoline Road Roller.

The Edward R Bacon Company has just closed with the Climax Engineering Company and the Hercules Motors Corporation to handle their products on the Pacific Coast, both companies being represented at the convention. Mr. David Latta, General Sales Manager of the Hercules Motors Corporation, Canton, Ohio, and Mr. E. R. Crowley, Sales Manager of the Climax Engineering Company, Clinton, Iowa, representing their respective companies.

Mr. E. R. Crowley has only recently been appointed to the position as Sales Manager of the Climax Engineering Company and is leaving San Francisco to make his home in the East and take over his new duties. Although California regrets to lose any of its good citizens, it is hoped that he will be very successful in his new position.

Some very interesting talks were given by the Eastern representatives as well as many of the Bacon Company organization. Among the striking features of the Convention was the moving picture film of the Edward R. Bacon Company's organization including the factory for the manufacture of Bacon Built Dumping Units, in actual operation, salesroom, warehouse, service departments and offices. This film is to be shown to the various contractors from time to time and should prove of great interest to everyone interested in the purchase of construction equipment.

Motion pictures of the Adams Leaning Wheel Grader and the Northwest Gasoline Shovel in action were also shown.

Both the San Francisco and Los Angeles Offices of the Bacon Company are now located in their new buildings where they are better equipped than ever to serve the trade and are looking forward to a big year for 1924.

DEMAND FOR PAVING BRICK

A sharp increase in unfilled orders for vitrified paving brick, as reported to the United States Department of Commerce, may be taken as an indication of an active street and highway paving season for 1924, in the belief of the National Brick Manufacturers' Association.

"Unfilled orders in December jumped to 60,624,000 as against 54,535,000 for November, and this is considered an accurate gauge of the demand for early Spring and Summer shipments," said a statement from the association. "Stock on hand exceeds the total of unfilled orders. It is interesting to note also that contractors and engineers are assisting in relieving the seasonal aspect of the paving brick industry by asking for Winter deliveries."

In the distribution of unfilled orders Oklahoma leads the list, with Ohio, West Virginia, Pennsylvania and Illinois following consecutively.

WHOA! HOW COME?

An Associated Press dispatch dated Los Angeles, February 16th, carries the following message: "Amazement and concern at the disregard shown for the tremendous fire hazard manifested in the flimsy condition they said characterized many sections of Los Angeles and San Francisco was expressed in a parting resolution adopted by the sixth annual convention of the Brick Manufacturers' Association of America.

"As a means of conserving the 'lives, property and the sacred honor' of the communities mentioned, the resolution offered 'every available facility within the association's power to improve the type of construction in their residential quarters.'"

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

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Reinhart Lumber and Planing Mill Company

GENERAL LUMBER YARD

Dry Kiln Capacity, 10 Million Feet per Annum

General Mill and Cabinet Work, Stock Doors, Sash Frames and Mouldings

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Fuller Oil Stains
Factory White Enamel
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15 For Floors Varnish
40 For Finishing Varnish
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Conqueror Paint and Varnish Remover
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Estimates furnished on request

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FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., MARCH 1, 1924

Published Every Saturday
Twenty-fourth Year No. 9

Schumacher
Office
210 American Bank Building

Permanence
Economy

Wall
Warehouses
San Francisco Oakland
San Rafael

Appearance
Comfort

Board

For Sale by All Lumber and Building Material Dealers

KOEHRING

The **Heavy Duty Mixer**

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

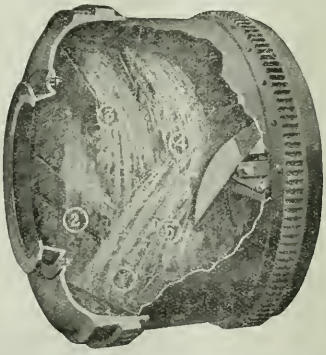
Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

KOEHRING COMPANY
MILWAUKEE WISCONSIN



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON, RICKARD & McCONE CO.

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., MARCH 1, 1924 — Twenty-fourth Year No. 8

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Richmond Builders' Exchange
Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

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THREE DAY LOCK OUT ENDS AT SACRAMENTO

A three-day lockout of the Sacramento building trades ended Feb. 21, when the Building Trades Council ordered about fifty cement workers, carpenters, laborers and others identified with the building trades, to return to work.

More than half a dozen construction jobs were affected by the lockout, which resulted from an order on Feb. 19 to all building craftsmen to lay off, following the walkout of concrete workers on the Rassmussen Garage job on I street, between Seventh and Eighth streets.

Holding that the workers had attempted to get a 55-cent increase through illegal methods, the council repudiated their action in walking out, according to Business Manager W. J. Lefar, and ordered them to continue work until the usual 90-day period, in which to notify employers of their demands, has expired.

At present the workers are getting $6.95 per day, the scale agreed upon last April. Recently workers became dissatisfied and applied to the council for a higher scale. The council, Lefar says, approved a 55 cent increase, but warned the men to hold their jobs until the members of the Master Builders' Association had been given due notice of their demands. The workers, Lefar charges, disregarded this order, and on their own initiative made demands and quit when they were refused.

COMPARATIVE SIX WEEKS IN WEST COAST LUMBER

West Coast Lumbermen's association weekly reports on production, orders and shipments, for the first six weeks of the past five years, are as follows:

Production	Feet
1924	571,125,986
1923	513,783,361
1922	446,758,398
1921	211,839,739
1920	395,183,694
Orders	**Feet**
1924	592,128,776
1923	678,880,522
1922	390,454,957
1921	215,269,528
1920	414,485,175
Shipments	**Feet**
1924	569,449,430
1923	623,163,138
1922	400,146,332
1921	209,064,190
1920	402,137,694

From the above it will be observed:

1. Production for six weeks in 1924 was 11.16 per cent greater than for the same period in 1923; 27.84 per cent greater than in 1922; 169.60 per cent greater than in 1921, and 44.52 per cent greater than in the first six weeks of 1920.

2. Shipments, thus far this year, have been 1.78 per cent less than in 1923; 51.65 per cent greater than in 1922; 175.06 per cent greater than in 1921, and 42.86 per cent greater than in the first six weeks of 1920.

3. New business, thus far this year, has been 8.62 per cent less than for the same period in 1923; 42.31 per cent greater than in 1922; 172.38 per cent greater than in 1921, and 41.61 per cent greater than in the first six weeks of 1920.

BERKELEY FAST REBUILDING BURNED AREA

Building which represents an expenditure of $1,141,000 is now under way in the burned area of Berkeley.

According to figures from the office of the city building inspector, 68 structures are either in progress or have been completed since the fire of September 17. Most of the buildings are now in course of construction. Of the 68 buildings, 29 are apartments or flats having a total valuation of $623,000. The 39 remaining dwellings average 13,000 in valuation and represent a combined expenditure of $528,000.

Profiting by the loss in September, all of the builders of new structures fire-resistant nature as possible. Stucfire-resistant nature as possible. Stucco finish is declared the most prevalent type among the new homes, with brick being used in a number of apartment houses. A great show of building activity is expected as soon as the spring rains are over.

PLANS STARTED FOR NEW STEAM GENERATING ELECTRIC PLANT

Stone & Webster of Boston, Mass., with Western Division offices in the Byrne Bldg., Los Angeles, have been commissioned to prepare plans for the new steam generating electric plant to be erected at Long Beach by the Southern California Edison Company. The new plant will be larger than the present one and will have a capacity of about 70,000 kilowatts. It will be of reinforced concrete construction.

INJUNCTION IN BUILDING FIGHT STANDS, JUDGE RULES

Federal Judge M. T. Dooling has refused to suspend his injunction restraining the Industrial Association of San Francisco, the Builders' Exchange and forty builders and corporation from practicing the so-called "permit system" in the sale to contractors of building materials from without the State.

The petitioners had sought an order staying the injunction pending the outcome of an appeal to the United States Supreme Court of the judge's decision last December in the government's anti-trust suit against them.

The order granting the appeal was signed by Judge Dooling Feb. 11.

The injunction, which will now remain in effect, enjoins the Industrial Association and the other defendants from requiring any permit for the purchase of materials or supplies purchased without the State and coming here in interstate commerce.

It also restrains them from attempting to prevent or discourage any person without the State from shipping goods to any person whatever within the State.

At the time the restraining order was originally issued the court refused the government's plea to dissolve the Industrial Association, the Builders' Exchange and others for alleged violation of the Sherman anti-trust law.

JANUARY BUILDING

The decline, in construction cost, in evidence at the beginning of the winter months, had its effect in a stimulated January building program. The actual physical volume of January construction, as shown by the Engineering News-Record (New York) volume index number, was 3 per cent heavier than that for the preceding month. Construction cost, however, as shown by the E. N.-R. Cost Index Number, is now at precisely the same level as obtained in October, 1923, indicating that buying for early spring delivery, through conservative, is exerting a firming effect upon the materials market. The E. N.-R. Cost Index Number for October was 220.3, rising to 220.9 in November and dropping to 217.3 in December, 1923. The new year started with a rise of sixteenth of a point to 217.9 for January, with the February number returning to the 220.3 level.

BLACK BRICK FACING

The new structure for the American Radiator Company at 40 W. Fourth St., New York City, is of unique design and construction. Unlike any office building in the country, it is faced entirely with black brick with golden colored stone trimming.

Raymond M. Hood, architect, designed the building and explained that the radical departure from the conventional office building arose from a feeling that so many office structures are monotonous because of the regular spacing of windows. This, according to Architect Hood, gives the appearance of black holes, and the obvious solution was to find a color of wall that would make the black holes seem less apparent. The building will cost $2,000,000.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Retail dealers throughout the Middle West, anticipating difficulty in getting an ample supply of Portland cement when road building activities start later in the season, are filling up their warehouses and all available storage space. New business being placed with the mills in this territory is in unusually heavy volume for this time of the year. The state cement purchases for 1924 requirements have been made by Illinois, Wisconsin, Indiana and Michigan, and this is taking heavy tonnage our of the market.

Nevada-California-Oregon Railroad has requested Interstate Commerce Commission for permission to construct six miles of new railroad northward from Lakeview, Ore., into the timber lands. — (The Nevada-California-Oregon Railroad is a narrow gauge line running from Wendel, Lassen County, a point on the Southern Pacific Railroad, to Alturas, Modoc County, and thence on north to Lakeview, Ore. The line originally operated from Reno, Nev., on the south).

An airplane has been added to the equipment of the city engineer of San Jose, at least temporarily. It is being used under the direction of E. A. Reinke, consulting engineer recently retained by the city in taking pictures of the city sewer system where it empties into the bay near Alviso. Reinke is supervising repairs to bridges and sewers, funds for which were authorized at a recent bond election.

Bayly Hipkins, president of the Coast Construction Company of San Francisco, and an authority on municipal engineering projects, has announced he has plans now in course of preparation for the solution of the congested traffic problem of Western cities. The plans will be made public within a few weeks and it is claimed that they are the first practical step toward relieving the down town traffic problem of San Francisco and Los Angeles.

A total of $42,086,032 in building permits were issued in the seven municipalities constituting the East Bay community during 1923. This represents a gain of 23% over the total for 1922. The January building record for the area is $3,516,846 which shows a 24% gain over January, 1923, and a 76% gain over January, 1922.

A certified copy of articles of incorporation of the Whiteside-Davidson Construction Co., with its principal place of business at San Jose, has been filed in that city. The company is capitalized at $50,000. Directors are: A. M. Whiteside, Chas. W. Whiteside and W. Fred Davidson, all residents of Santa Clara County.

Articles of incorporation of the Redwood Lumber Company, capitalized at $500,000, with the principal place of business as Carson City, Nevada, have been filed at Santa Cruz, Cal.

City of Los Angeles will vote a $3,000,000 bond issue May 6 to finance construction of a central police station and ten district stations.

Production of sawed lumber in Canada during 1922, according to figures by Dominion Bureau of Statistics, amounted to 3,138,598,000 feet board measure, valued at $84,554,172, against 2,869,308,000 feet board measure, valued at $82,448,585 in 1921. Number of mills in operation was 2922 in 1922, against 3126 in 1921. Total value of all products of sawmills and allied mills during 1922 was $114,324,580, as compared with $116,891,191 in 1921. Total capital invested was $162,835,219, decrease of 12½ per cent over 1921.

The use of California materials in the construction of Sacramento's new municipal auditorium, for which bonds of $750,000 were recently voted, is urged in a resolution adopted by the Executive Committee of the Department of Mines and Mining of the Sacramento Chamber of Commerce. The resolution, a copy of which will be forwarded to the City Commissioners, was adopted following a talk on building materials produced in the state, especially the high quality of marble, sandstone and granite.

Plans are under way to reorganize the U. S. Fiber and Products Corp., in West Sacramento, J. M. Henderson, Jr., a member of the company announces. The plant used for the manufacture of cardboard will be remodeled and equipped with a pulp mill. The reorganized company will be capitalized at $300,000. Associated with Henderson will be C. A. Davis, of San Francisco, George F. Goerl of Oakland and Stuart Coulter and B. F. Van Dyke of Sacramento.

Notice that A. S. Decarie, an inventor, intends to sue the city of Sacramento for $50,000 because of alleged infringement upon his patent for an incinerator, now pending in Washington, has been served on the commissioners of that city. Decarie declares that the non-stoking incinerator being installed for the city by the F. L. Decarie Non-Stoking Incinerator Company is a copy of his invention.

The Building Construction Employers Association of Portland, Ore., at its annual meeting discussed a wage scale for the current year and after reading communications from financial and manufacturing concerns, it was the consensus of opinion among the members that there was nothing to justify any raise in the wage scale for the 1924 season.

Los Angeles has agreed to assist the campaign of the California State Irrigation Association in raising $100,000 to complete the state water resource survey. The California Development board at Los Angeles is authority for the statement that $25,000 will be raised by Los Angeles people to apply on the project.

Karl Wessel of St. Paul, Minn., is conferring with the Turlock Chamber of Commerce regarding the establishment of a plant in that vicinity for the manufacture of hemp products. It is proposed to spend $100,000 in erecting and equipping the plant.

ALONG THE LINE

Thomas Mirk, 57, president of Hunt, Mirk & Co., San Francisco, and mechanical engineer of wide repute, died at his home in San Mateo, February 24. Mr. Mirk designed the power plant of the Universal Gas & Electric Company and was consulting engineer for the Westinghouse interests on the Pacific Coast. He specialized in the construction of lumber and saw mills and was the first engineer of the steam railroad that ran to the Ocean Beach in San Francisco many years ago. Two daughters and a son survive.

Pawling and Harnischfeger Type "U" Hoists are described and illustrated in Bulletin 320 recently issued by the firm. The "U" hoist is said to possess many advantages for companies whose output would not warrant the purchase of a traveling crane. The bulletin may be had on application to the Pawling and Harnischfeger Company, Milwaukee, Wisconsin.

The Osgood Company, Marion, Ohio, announces that circulars 237 and 243 are off the press. Circular No. 237 illustrates the use of steam shovels for sewer and trench excavating work. Circular No. 243 illustrates and describes the use of steam shovels when converted to clamshell and dragline outfits.

Karl Perkins, secretary of the San Joaquin County Builders' Exchange, with headquarters at Stockton is back on the job attending to the affairs of the builders in that section. Perkins recently was operated upon for appendicitis.

Plans are being made in Sacramento for a Better Homes Week to be observed from May 11 to 18. Miss Geneva Watson, owner of the Builders' Free Exhibit at Sacramento, is chairman of the general committee arranging for the affair.

Carol Aronovici, city planning consultant for Berkeley, Calif., has tendered his resignation to City Manager John Edy. The resignation is effective March 1.

Jas. H. Pedgrift, Oakland building contractor, has been appointed by the Prudential Insurance Company of that city, as appraisor on improved real estate.

Los Angeles has been selected as the 1925 convention city of the National Association of Builders' Exchanges. The association recently closed its 1924 session in Reading, Pa.

Hyman Steen, leading lumberman of Santa Cruz county and one of the organizers of the Santa Cruz Lumber Company, died in Santa Cruz, Feb. 23.

U. G. Jackson, for three years city engineer at Kelso, Wash, has resigned to enter private practice.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

Santa Clara County Builders Hold Banquet at Hotel Vendome

San Jose, Santa Clara County, California, a prospering city in the center of the greatest state in the United States. Where they greet you with a smile and say good-bye with a hand-shake that presents a return ticket covering all first class privileges. A real honest-to-goodness home town. Where they get together, stick together and pull together—one for all and all for one. That's San Jose!

The thirty-third annual banquet of the Builders' Exchange of Santa Clara County was held in the Hotel Vendome, San Jose, Saturday evening, February 23, with an attendance numbering more than one hundred and fifty representing all crafts of the building industry. Delegates from San Francisco, Oakland and Stockton were present. The latter city had the largest appointed delegation comprising six members headed by O. H. Chain, president of the San Joaquin County Builders' Exchange.

President Wagner Talks

The banquet opened with a brief address by J. A. Wagner, president of the Santa Clara County Builders' Exchange. Wagner congratulated the members on the rapid growth of the organization and its accomplishments during the past year. Bidding the visiting delegates a welcome, Wagner introduced Wm. Hermann as Toastmaster, who, Wagner declared, was the "oldest youngest member" of the exchange.

Mr. Hermann gave a brief talk on organization and pointed out the value of co-operation. He urged the building up of an organization similar to that of the Master Painters' Association which he declared to be one of the strongest organizations associated with the building industry.

American Plan Talk

Following this, Samuel G. Thompkins, a past president of the Industrial Association of Santa Clara County, gave a snappy and instructive talk on the value of the American Plan system as concerns the construction industry. Mr. Tompkins pointed out the value of the right of a man to work regardless of labor affiliations. Building operations in San Jose and vicinity, he said, have increased practically three-fold since the organization of the Industrial Association in Santa Clara County and the adoption of the American Plan. He denied the report that the association was not fully financed to carry out its program for the current year.

Apprenticeship

D. B. Farquharson, representing the San Francisco Builders' Exchange, gave an interesting talk on apprenticeship and his views were well received. He pointed out the need to prepare the young man of today to be the mechanic of tomorrow. He urged that the exchange feature family socials from time to time where the young men, sons of contractors, etc., might become interested in the activities of the construction interests. Such socials, he pointed out, would be the means of bringing together good talent for the building trades.

Banker Lands American Plan

Victor Lt Motte, vice-president and general manager of the Bank of San Jose, spoke on the development of the construction industry throughout Santa Clara County and assured the builders his bank was always willing to finance any legimate project in the Santa Clara Valley. He congratulated the builders on their American Plan fight and declared its adoption had done much toward stimulating building in San Jose and its immediate vicinity.

Industrial Association Active

W. A. Edwards of the Santa Clara County Industrial Association was the next speaker. He gave an interesting talk on the working organization of the Industrial Association to further the American Plan. In addition to keeping accurate data on every available mechanic in the territory covered by the association, Edwards declared, the organization has furnished men outside its limits where a shortage existed or the contractors had difficulties in placing the type of men desired. Building operations in San Jose and its immediate vicinity during the past year totaled approximately $7,000,000, he said, which is considered a healthy program.

Stockton Runs 50-50

O. H. Chain, president of the San Joaquin County Builders' Exchange, told of the activities of his organization and its attempt to establish an intercity exchange comprising the cities of Stockton, Sacramento, Fresno and Marysville. The San Joaquin Valley section, Chain reported, is operating about 50% American Plan. A 100% American Plan organization is anticipated in the immediate future, Chain said.

Oakland Secretary Talks

E. W. Shaw, secretary of the Alameda County Builders' Exchange, told of the continuous growth of his organization. His announcement that the Alameda County builders would shortly commence the erection of their own home in the heart of the Oakland business district was greeted with considerable applause.

Chas. O'Brien, president of the Santa Clara County Industrial Association, gave a snappy talk on the American Plan, declaring it was an insurance policy for industrial peace—that it warranted better work at a better price which resulted in better conditions for the entire industry and brought about absolute satisfaction with the completion of every job—for owner, the architect and the contractor.

Other speakers were: Jack Shannon, J. E. Odgers, Geo. Heath, Wm. Cobbledick, J. P. Farrell, Ralph Wyckoff, J. C. Thorp and W. L. Gillham.

Between talks an interesting program of entertainment was enjoyed, music being furnished by a six piece jazz orchestra.

Credit for the success of the affair is due to the following Committee on Arrangements: Wm. Cobbledick, Guy Latta, Elmer Weldon and Wm. Loos.

Following the close of the banquet, the Hospitality Committee headed by J. A. Wagner and Wm. Howe, entertained at the exchange quarters in San Antonio street.

Officers of the Santa Clara County Builders' Exchange are: J. A. Wagner, president; Geo. Heath, vice-president; Wm. Serpa, secretary; Wm. Howe, secretary-manager; Wm. Hermann, treasurer; Joe Provenzano, sargeant-at-arms.

A partial list of those in attendance at the banquet follows:

San Jose—W. M. Hermann, S. G. Tompkins, J. A. Wagner, V. J. LaMotte, Chas. W. Brown, C. V. Brown, B. E. Hinkley, A. A. Fontaine, A. W. Gordon, H. C. White, Ralph Wyckoff, Geo. Heath, Chas. A. Thomas, P. S. Kooser, Chas. Buettner, Bud Gallichotte, E. O. Erbentraut, R. O. Summers, J. C. Thorp, G. M. Latta, E. E. Weldon, T. M. Donnally, F. Johnson, Thos. H. Williams, W. L. Gillham, M. F. Baker, L. V. Baker, C. E. Baker, Ed. Timlin, Joe Alva, W. G. Braine, P. A. Fuller, W. L. Howe, C. E. Dunn, Wm. F. Serpa, F. J. Scherrebeck, J. McCauley, W. Tardif, Roy M. Butcher, R. M. Atmore, W. Loos, V. V. Adams, Roy Ish, Frank G. King, Z. O. Field, Paul Fraser, F. N. Schiegner, Chas. H. Quimby, Jos. Provenzano, Gene Talschi, Geo. Smaka, R. L. Anderson, Sylvan Le Deit, J. D. Nolan, M. A. Noldwer, Geo. C. Fuhrman, Fred F. Studer, E. C. Parrish, H. O. Lewis, J. J. Bettinger, B. W. Borchers, C. A. Borchers, W. F. Parr, M. L. Doane, J. R. Herron, R. L. Robinson, D. Walton, W. A. Edwards, N. N. Nelson and Chas. M. O'Brien.

San Francisco—D. B. Farquharson, C. H. Hock, L. J. Neal, C. F. DiFiore, Wm. J. Feary, J. E. Odgers, J. P. Farrell, W. J. Wetenhall, Fred Hauser, W. R. Cobbledick, Abel Fisher, Wm. Anderson, F. W. Shrader and E. L. Sifield.

Stockton—O. H. Chain, W. H. Falconbury, Wm. F. O'Keeffe, G. P. Roberts, W. F. Neider and T. P. Hinckley.

Other cities—E. W. Shaw, Oakland; K. Morrison, E. L. Kaufman, J. T. Baker, Herbert C. Baker and M. J. Enos of Santa Clara; R. L. Duncan, Campbell.

A. A. E. EMPLOYMENT SERVICE

Realizing the need for an efficient and reliable technical employment service, both for the benefit of members and employers, the Board of Directors of Oregon Chapter, American Association of Engineers, has inaugurated a definite and vigorous policy, believing that the form of employment service which best serves the employe will inevitably react to his increased efficiency from the employer's standpoint.

A list of engineers available for employment will be published semi-monthly, and a copy of this list will be mailed to all employers in the Northwest. Cities and counties employing engineers will receive copies of the list. Also there will be kept on file at the Chapter office full and complete records of several hundred engineers, and employers may consult such list at their pleasure.

O. E. Stanley is president of the Oregon Chapter; T. R. Howser, secretary, and H. E. Davis, manager. The office is located at 612 Couch Bldg., Portland, Ore.

(Continued on Page 9)

COX, LUMBER CHIEF, RESIGNS FROM SUGAR PINE COMPANY

The resignation of Elmer H. Cox, vice president and general manager of the Sugar Pine Lumber Company of Fresno, has been accepted by the Board of Directors of the company. Mr. Cox will continue as president and director of the Minarets and Western railroad, it is announced.

J. P. Hemphill, former assistant general manager of the lumber company under Cox, was elected as vice president and general manager to become effective immediately.

Cox in resigning stated that he had completed the work of organizing, building and running the Sugar Pine Lumber Company and that he desired to devote his entire time to the Minarets and Western railroad, which he also built, the Madera Sugar Pine Lumber Company in which he is a heavy stockholder, and his private affairs

Hemphill, the new general manager, since 1910, was also associated with Cox in the Madera Sugar Pine Lumber Company which Cox organized about 1900. Hemphill served a six year apprenticeship in the Madera mill as a common laborer to learn all departments and was then appointed assistant general manager of the Madera company and later general manager, a position which he occupied for two years. Prior to that he was secretary to David Starr Jordan of Stanford University from which he graduated in 1909.

The Sugar Pine Lumber Company of Fresno is regarded by lumber men as one of the finest pine producing plants in the world, and established what is considered to have been a record in the first year's operations here and in the hills. The timber stand in which the company is operating is said to be unexcelled.

LUMBER HEARING RATE SET

The Interstate Commerce Commission has set for hearing in Los Angeles, Friday, March 28, the proceeding commenced by the Los Angeles Lumber Products Company vs. Southern Pacific Company, wherein it is alleged that the rates on lumber and its products moving from Portland, Grants Pass, Medford and Klamath Falls, Ore., and Westwood, Calif., to points in the State of California, shall be no lower than the rates contemporaneously applicable from San Pedro, Calif.

A similar proceeding was filed with the California Railroad Commission involving the state-made rates into the same consuming points.

This proceeding will be conducted jointly by Examiner Kephart, representing the intersate commerce commission, and Examiner Geary, representing the California commission. The proceedings are of great importance to the lumber mill industry of the State of California and, without doubt, will attract much attention and require considerable time before submission.

MATERIALS AND LABOR

The national monthly building survey of the S. W. Strauss Co. covering January operations, reports that the month witnessed continued stability in building material prices. The few changes that occurred were largely confined to New York City, Atlanta and a few cities in the Pacific northwest. Slight increases were reported in cement and other concreting materials. Stocks of lumber and brick increased. Lumber prices declined somewhat. Other materials did not show any significant changes. The labor situation was reported as well stabilized.

Field Study of American Highways By Foreign Governments

Forty representatives from twenty Latin American countries will make an intensive field study of highways and highway transport in the United States early this summer as guests of the Highway Education Board, Dr. John J. Tigert, chairman, announces.

Invitations to be sent the prospective delegates, who are to be of the highest standing in their respective countries, will go forward within the near future. They will, it is said, be the unofficial representatives of their governments. A minimum of one delegate from each country will be present, while two or three representatives will be sought from several of the larger republics, depending upon size, population, and other factors.

Dr. Tigert, United States Commissioner of Education in the Department of the Interior, and chairman of the board, says that co-operating with the board in plans now being made for the care and entertainment of the visitors are various government departments and bureaus, and national organizations. In particular the project has the endorsement and support of Hubert Work, Secretary of the United States Department of the Interior; Herbert Hoover, Secretary of the United States Department of Commerce, and other government agencies. They will lend the facilities of their departments toward making the visit of the delegation a success.

Among the national organizations in the United States that will be active in support of the board in its endeavor are the American Association of State Highway Officials, the American Road Builders' Association, the National Automobile Chamber of Commerce, the Portland Cement Association, the Society of Automotive Engineers, and the Society for the Promotion of Engineering Education.

The countries from which representatives will be chosen include Argentine, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, Guatemala, Haiti, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Salvador, Uruguay and Venezuela.

Dr. L. S. Rowe, director general of the Pan American Union, has tendered the use of the Pan American Building as headquarters of the delegation while in Washington, and the Pan American Union will assist in arrangements for the guests, both while en route and while in this country. The executive committee of the Union, consisting of the ambassadors, ministers, and official representatives of the various governments concerned, have officially approved the project as proposed.

J. Walter Drake, Assistant Secretary of the Department of Commerce, and Thomas H. MacDonald, Chief of the United States Bureau of Public Roads, Department of Agriculture, who, with Dr. Rowe, were originators of the plan, also will participate in the arrangements and survey. Dr. C. A. Sherwell, secretary general of the Inter-American High Commission, has agreed to give the benefit of his wide South American experience.

It is proposed to conduct the Pan American visitors, who are to be men of broad experience in highway affairs in their respective countries, on a survey of approximately three weeks' duration through several of the more progressive States of the Union so they may learn first-hand what our vast experience in highway building and in highway transport has taught the engineers and economists of this country. It is believed, too, according to Dr. Tigert, that the visit will result in an interchange of thought and experience that will prove mutually helpful and beneficial to all the governments affected.

Many problems in highway engineering and in automotive transportation are shared jointly by the American continents and their peoples, and it hoped by those who direct the policies both here and in the countries to the South that this proffered co-operation will result in a closer working relationship that will make for more efficient management and awakened public interest generally, as well as improved trade relations.

The delegation will be known as the Pan American Highway Commission. Immediate direction of the trip and arrangements for the study of the representatives have been placed by the Highway Education Board with an executive committee. On this committee Roy D. Chapin, vice-president of the National Automobile Chamber of Commerce, is chairman; Fred I. Kent, member of the Investment Bankers' Association of America, is treasurer, and W. T. Beatty, member of the American Road Builders' Association, is vice chairman. S. T. Henry, a member of the executive committee of the American Road Builders' Association, and with wide practical experience in South American affairs, has accepted the executive responsibility for the project. Mr. Henry for many years was on the editorial staff of the Engineering Record, and has traveled in most of the Latin American countries. He is thus acquainted with the problems which confront the sister countries to the South, and with the best practices in highway construction in the United States.

Only the most tentative itinerary for the trip has been discussed, according to Mr. Henry. That will be determined later after consultation with those chiefly concerned, especially the officials of the United States Bureau of Public Roads. Under consideration, however, are locations in the States of Illinois, Indiana, Iowa, Kentucky, Michigan, Minnesota, Missouri, North Carolina, Ohio, Tennessee and Wisconsin.

The extreme Western States were first considered, but it is feared that the time allotted will be insufficient to permit the extension of the itinerary to the Pacific Coast. In any event conditions will be sought both as to climate, soil, topography, population, and financial characteristics as closely approximating South American countries as possible. The visitors will not return, however, it is said, without having studed the principal highway system of the country, and without having had an opportunity to inspect as many of the principal manufacturing centers as possible.

On the whole Mr. Henry plans a strictly field study of American highways and highway practice. Insofar as practicable the journeys will be by automobile, but the longer trips will of necessity have to be by rail.

Members of the Highway Education Board, under whose auspices the delegates will be brought to this country and the studies made, are Dr. Tigert, chairman; Thomas H. McDonald, Chief of the United States Bureau of Public Roads, Departments of Agriculture; Lieutenant Colonel Henry C. Jewett, Corps of Engineers, United States War Department; Roy D. Chapin, represent-

ing the automotive industry of the country; H. S. Firestone, representing the rubber group; F L. Bishop, Dean of the School of Engineering in the University of Pittsburgh, representing engineering education, and B. B. Bachman, representing automotive engineering.

DEMAND FOR SPACE IN NEW EXCHANGE BUILDING

With two-thirds of the available offices already leased or spoken for, with plans and specifications of the Howard Schroeder, architect, in hand, the Builders' Exchange of Alameda County is about ready to turn the first spadeful of dirt on its new home site at what will be the northwest corner of Hobart and Webster streets when the former is cut through from Broadway.

As the plans now stand approved, they provide for the immediate construction of a three-story structure. However it is so designed that four or five additional stories may be added as the demand for additional office space is made.

The first floor will be devoted to the Builders' Exchange headquarters. The main floor will have a width of 58 feet and depth of 85 feet, with directors' and meeting rooms at the rear of the main floor. They will be slightly elevated for the purpose of converting into a stage. The center room of this group will be equipped with a rolling partition and can be converted into a stage quickly. Dressing rooms will flank it on either side. Here the builders will hold their entertainments and jinks.

Fronting on Hobart and Webster streets will be display stores. These are being leased to members who wish ground-floor show rooms.

On the mezzanine floor with estimating rooms, small offices and craft meeting rooms, the latter to accommodate the various building chafts represented in the Exchange.

Offices will be located on the second and third floors. Forty-four of the 68 available have already been rented. The offices will be arranged in suites to suit tenants.

That a fourth story may be necessary before the first three stories are built seems evident from the demand made for office space, according to E. M. Tilden, president of the holding corporation, who is also president of the Exchange.

Other members of the holding company are T. D. Sexton, president of the Master Plasterers' Association of Alameda County; George G. Jamieson of Rhodes-Jamieson Co.; W. G. Thornally, a director of the exchange and L. C. Fraser, treasurer.

SOAPSTONE DEPOSIT IN CANADA

A company has been organized with a capital of $500,000 to acquire and develop a newly discovered soapstone deposit near Dryden, Ontario, according to report from Dryden. Mining engineers and geologists, it is said, have reported the deposit to be of very high quality and to contain more than 1,000,000 cubic feet of marketable material above the surface. Advance being made in the electrical industry have created a big demand for soapstone for switch boards, while large quantities are used for furnace linings.

TENSION STRENGTH OF LIMESTONE

Tests on samples of Indiana Limestone made at the Bureau of Standards, Washington, in connection with the design of lifting device for hoisting large blocks of stone, showed value ranging from 390 to 715 pounds, with an average of 535 pounds per square inch.

Additional Funds Required To Complete State Highway System

Statement by the California Highway Commission and the State Highway Engineer Relative to Financing of Future State Highway Construction

The highways of the State belong to the people and must be paid for by the people. The time is not far distant when the problem of financing State highway construction in California must be met squarely and solved in accordance with sound business principles.

There must be general appreciation of this fact, followed by action, if construction is to continue.

Raising of revenue is not a function of the State Highway Commission. It is the business of the legislature and the people. The Highway Commission and the State Highway Engineer wish to say that they have not advocated, and are not now seeking to have enacted, any particular scheme of taxation. We are not proposing any plan and have no plan to propose.

The last legislature, realizing an inevitable situation, provided for the appointment of a special advisory committee to investigate the State highway situation and make recommendations to the 1925 session. The appointment of this committe was recently announced by the Governor.

The preparing of a financing plan for future State highway work is one of the principal duties of the committee. In view of the task to be undertaken by this advisory body, the Commission and the State Highway Engineer have refrained from initiating or sponsoring any scheme for future financing.

Members of the Commission and the State Highway Engineer have often been invited to discuss highway matters before various organizations.

In such discusions, we have endeavored to state the problems to be ment; the completion of the State highway system, and the necessity of financing a future outlay of at least $200,000,000. We have mentioned various ways by which this sum might be raised and have suggested the possibility of bond issues or increase in motor vehicle fee and the gasoline tax.

These statements have been for the purpose of stimulating discussion and have not been in advocacy of any particular plan.

At the present time, State highway bond funds are nearing exhaustion. Funds available for primary construction, amounting to some $11,000,000. are, in most part, federal aid funds accuring to the State from the federal government, as the State's share of the cost of co-operative projects already financed or underway.

Maintenance and reconstruction funds are provided by the State's half of the motor vehicle fees and the gasoline tax. The other half goes to the counties. Funds from this source, under present laws, for many years, will be required for imperative reconstruction work.

The State's share of motor vehicle fees and gasoline tax funds cannot be used for new construction, and, when federal aid funds are exhausted, primary construction will stop unless additional funds from some source are provided.

There should be a general appreciation of the fact that the availability of gasoline tax and motor vehicle funds is limited by law, and, furthermore, that all funds now coming from these sources are urgently needed for maintenance, for widening and thickening existing highways and pavements.

State highway bonds sold to date total $70,000,000. It will be 1965 before the State completes payment of the interest and principle on these bonds, and the ultimate total cost to the people will be some $150,000,000. The peak of annual payments on these bonds will be reached within the next two or three years when it will amount to approximately $5,000,000. It will then decrease gradually to 1965.

This, and many other facts, will be taken into consideration by the committee appointed by the Governor.

We do not believe California desires State highway construction to stop. Widespread discussion of the situation will help the investigating committee to formulate a program that will have back of it the intelligent understanding and support of public opinion.

DICKEY, OAKLAND ARCHITECT, CLAIMS FULL EXONERATION

Declaring that the survey committee's recent report on the Oakland school controversy is a complete vindication of himself as the former supervising architect of the Oakland Board of Education, Charles W. Dickey has issued a statement commenting on the report, and suggesting that future wooden school buildings be erected out of the tax levy instead of by means of a bond issue.

This suggestion came as a result of the survey committee's recommendation that the Board of Education build no more wooden structures. Dickey explained that such wooden buildings as were erected under the present building program were additions to existing wooden buildings, and holds that it was a mistake to vote bonds for this class of structure.

Dickey declared himself satisfied with the report which, he said, cleared him of the implied charges of graft and collusion contained in the grand jury report which resulted in the cancellation of his contract as supervising architect by the Board of Education.

TIMBER BIDS ASKED

The U. S. Forest Service is taking bids for 375,000,000 board feet of timber in Southern Oregon. The tract, which is within the Umpqua national forest, runs 92 per cent Douglas fir, and is located 26 miles east of Cottage Grove, near the eastern terminus of the Oregon Pacific & Eastern railway.

The timber is of good quality and logging conditions fair for the west slope of the Cascade range, according to the report. The necessary tap line railroad development will be light, only a four-mile extension of the existing common carrier being necessary to reach the tract, forest officers say.

The initial prices are $1.75 per thousand feet for 46,285,000 feet and $2 per thousand feet for the remainder for Douglas fir, pine and cedar, and 50 cents per thousand feet for other species. A liberal period is allowed for preliminary improvements, after which the forest service has the option of readjusting the prices at three-year intervals.

TRADE NOTES

Garlinghouse Brothers have opened warehouse and offices at 2.28 Santa Fe Ave., Los Angeles, where they will carry a complete line of construction and industrial equipment for the Southern California trade. The firm is a partnership recently formed by L. H. and A. F. Garlinghouse, engineers of broad experience in the industrial and construction field. Both are members of the American Society of Civil Engineers. The firm represents on an exclusive basis in southern California territory eastern manufacturers of construction and industrial equipment, among them being the Blaw-Knox Company of Pittsburgh, Pa.; the Insley Manufacturing Company of Indianapolis, Ind.; the Knickerbocker Company of Jackson, Mich.; Orr & Sembower, Inc., of Reading, Pa.; Stroud & Co., of Omaha, Neb.; Shaw Enoch Tractor Company of Minneapolis, Minn.

Harry C. Collins, formerly special representative in Southern California for the Fate-Root-Heath Co., manufacturers of the Plymouth gasoline locomotive, announces the formation of the firm of Collins-Kay Machinery Company, the other member of the firm being Clifford Kay. Warehouse and offices will be maintained at 438 East Third St., Los Angeles, where a full line of equipment for gravel and rock plants, and industrial, mining, railroad and cement machinery will be carried in stock. The firm will continue to feature industrial haulage, making a leader of the popular Plymouth locomotive, and is direct representative for Fate-Root-Heath Co., Morgan Engineering Works, Vulcan Iron Works and Northern Engineering Works.

A. Quandt and Sons, San Francisco painting contractors, are preparing for their "biggest business" year. The firm reports having the painting contract for the twelve-story Huntington Apartments now being completed at the southwest corner of California and Taylor streets and for the extensive additions and alterations to the Roos Brothers Department Store at Stockton and Market streets in addition to the painting on the new branch bank to be erected at Twenty-second and Valencia streets for the Hibernian Savings and Loan Society. All of the jobs are located in San Francisco.

Frank N. Cooley, for the past 10 years associated with the Seattle branch of the Western Electric company, holding the position of sales manager, has been transferred to the Duluth, Minn., offices of the Western Electric company, where he will accept the responsibilities of the managership. Cooley's position in Seattle will be filled by J. H. Kelly, formerly manager of the Tacoma branch of the Western Electric company. Kelly has been with the corporation for the past five years.

Riverside Cement & Asbestos Co. has opened offices in the Detwiler Bldg., Los Angeles. Officers of the company are: J. H. Richardson, president; G. H. Denton, vice-president; C. F. Hansch, secretary; C. B. St. Ledger, treasurer; Amos Jones, superintendent. The company is preparing to start work on a 1,000 barrel cement plant at Eden Hot Springs. The company holds asbestos mines near Yuma, Arizona, valued at $450,000. The company will manufacture cement and asbestos building products.

Financial Interests Confident of Big Building Year During 1924

"There is every reason to believe that building activities, which were resumed on an increasing scale after the great post war slump, will gain even greater momentum with the present year," says H. Zimmerman of Council, Moller & Co., Inc. "While investment bankers, investors and bankers feel confident that 1924 will see a tremendous business expansion, the prospect for a greatly increased building program is well-nigh universal, due, possibly, to the industrial expansion which the Pacific Coast is experiencing with its consequent construction of countless new factories, mills and office buildings, the erection of homes, particularly in the population centers, has been neglected, with the result that modern homes at moderate cost are extremely hard to find. The present month has witnessed a decided tendency, in the smaller cities as well as in San Francisco, toward the erection of homes. The comparative stability of material and labor costs has contributed largely to the increased building of homes, as have weather conditions which have been especially favorable for out-of-door construction work, for this season of the year.

"Investigation of housing conditions in the population centers of California indicate that the shortage of homes is one that will not be greatly reduced for some time, even at the present rate of construction. California's population growth is assuming alarming proportions when placed beside her housing resources, but Californians are waking to the situation and the building permits for 1923 show a gain for the West of 36 per cent over 1922 as compared with an 18 per cent gain for the East and a 30 per cent gain for the Central West.

"Fresno found a feasible plan for the working out of the shortage of homes problem there when a group of public spirited business men incorporated under the name of Fresno Homes, Incorporated, made possible the acquisition of homes to would-be homeowners through a new and moderate plan of financing. Seventyfour homes in all are being constructed in Fresno, many of which have been sold to the owners at moderate cost. The construction of these modern homes, which boast of every convenience, was made possible through a bond issue secured by a 7 per cent first mortagage on the property which is located in the heart of one of Fresno's desirable residential sections and is valued at more than twice the actual bonded indebtedness thus incurred.

"A study of conditions make it safe to say that the present year will witness the greatest building activity that has occurred in many years and the present demand for homes will sustain that activity far into the future."

Reports are current in Contra Costa County that John Gerlach heads interests which plan to establish a brick and clay products manufacturing in the Richmond industrial section. A site covering ten acres on the Southern Pacific Railroad is available for the plant, it is said. Gerlach is on a business trip to Los Angeles and confirmation of the report is expected on his return.

Oyer Bros. Golden West Iron Works, Inc., W. J. Dyer, secretary, has started the erection of a stock shed addition at the company plant, northeast corner of Rhode Island and Seventeenth Sts., San Francisco. The addition will cover an area of 100 by 100 feet, 42 feet high, and will cost approximately $10,000.

Engineers of the Long-Bell Lumber Company are reported to be making surveys in Kirkford, Ore., where company proposes to establish a large saw-mill. Kirkford is the terminus of the Weed-Klamath Falls branch railroad line.

Effective March 17, the principal place of business of the Pollock Lumber Company, now located in the California Fruit Bldg., Sacramento, will be located in the Wells Fargo Building, San Francisco. The announcement is made by A. P. Overhouse, secretary of the company.

Hal Baly has severed his connection with the E. K. Wood Lumber Company and joined the staff of the Los Angeles Lumber Products Company, assuming the duties formerly handled by Mr. Wending.

The Virginia Bridge & Iron Co., Henry E. Robertson, contracting engineer, has opened offices in the Metropolitan Theatre Bldg., Los Augneles. The company manufactures structural steel.

FIREPROOF PRODUCTS PLANT TO LOCATE IN SOUTH

Manufacturing and distributing headquarters of the Somoza Fire Prevention Company will be located in Los Angeles, according to word from that city. Gen. Fernando Somoza Vivas, inventor of the formula for the fireproofing materials to be made by the company and promoter of the concern, make the announcement. Wm. H. Steele of Los Angeles, vice-president of The Foundation Company, is head of the Somoza company; R. W. Pridham of Los Angeles, vice-president; Norman Thorpe of Los Angeles, vice-president, and Wm. Kehoe of San Francisco, secretary. Gen. Vivas is the chemical director. It is claimed that wood and wooden products, shingles and paper and felt roofing and all kinds of fabrics can be made fireproof by treatment with the chemical which will be made by the company. A fireproof gasoline to be known as "Somazelene" is also one of the products to be manufactured. Chief Ralph Scott of the Los Angeles fire department, in a paper read before the Association of Fire Chiefs of the Pacific Coast, expressed his confidence in the new method of treatment for prevention of fire, his opinion being based on tests made under his supervision.

SANTA CLARA COUNTY BUILDERS TO BANQUET

A record attendance is expected at the thirty-third annual banquet of the Santa Clara County Builders' Exchange, scheduled for next Saturday evening, in the Hotel Vendome at San Jose.

J. A. Wagner, president of the exchange, promises some interesting speakers and an elaborate program of entertainment.

The entertainment committee consists of Guy M. Latta, J. T. Baker and Elmer E. Weldon.

PUBLICATIONS

"The Cyclopedia of Building, Loan, and Saving Associations," published by the American Building Association News Publishing Company, 15 W. Sixth street, Cincinnati, Ohio, is a 550-page volume replete with information of value to contractors who are interested in the promotion of building and loan associations. It is a complete handbook of facts pertaining to building associations and the building association idea. It gives a vivid picture of the origin and the growth of the building and loan movement and of the results that have followed wherever the movement has gained a foothold. The author, Henry S. Rosenthal, goes into the various forms of organization and methods of operation as found in different countries of Europe and America. His work is the result of a lifetime of study, observation, and effort in behalf of American housing development. As an index of a great movement of prime importance to the construction industry, it should prove of considerable value to the construction industry.

"Questions and Answers on Federal Tax Laws" is the title of a 144-page book published by the Irving Bank-Columbia Trust Company, 60 Broadway, New York City, to solve the problems of individual persons, partnerships, and corporations. The text of the revenue act, which changes affecting incomes in 1923, is given, together with a great deal of information for individuals on filing of returns, payment, exemptions, rates and computations, and deductable items. The law is also quoted as applied to estates and trusts, partnerships and corporations, and non-resident aliens. Special taxes, such as capital stock tax, excise tax on manufacturers, etc., are fully explained.

The Milwaukee Corrugating Company, Milwaukee, Wisconsin, has published a new data book, "The Milcor Manual," illustrating and describing Milcor materials and methods and including engineering tables and approved architects' specifications. A great deal of valuable information is given regarding Milcor stay-rib and net mesh expanded metal lath, expansion corner bead and casings, steel domes, channels, and other fireproof building products.

Wayne E. Bell, architect, landscape designer and consultant, publishes a monthly landscape letter containing timely and practical hints on gardening and kindred subjects. A number of illustrations are included in each issue showing the use of shrubs and flowers best planted in the current month. Copies may be secured from Wayne E. Bell, 613-614 First National Bank Bldg., Fort Wayne, Indiana.

"Practical Accounting and Cost Keeping for Contractors" is the title of a new book published by the Frank R. Walker Company, 536 Lake Shore Drive, Chicago. It illustrates and describes the voucher and journal systems of bookkeeping and devotes considerable space to time keeping and cost compilation. The volume is cloth bound, 8½ by 11½ inches and is priced at $2.50.

A PLASTERING MACHINE

A machine which will put on as much brown coat or scratch coat as eight men has been demonstrated in New York City. Practical men who have witnessed the performance agree that there are great possibilities in this modified gun arrangement. The business end of the gun may be compared to a box which is moved over the surface to be plastered. The work is done speedily and well. Here, then, is "something new" for every man in construction to think about.

Henry Ford's architect, W. H. Van Tine, who designed the marvelous River Rouge residence in Detroit, and Albert Oliver of New York City, in building a house for Van Tine near New York did a wall 222 feet long by 9 feet high in less than three hours, applying a ⅜-inch veneer.

Yasuo Matsui, a Japanese architect in New York City, is investigating possibilities of the machine for use in reconstruction work for the Japanese government. A test was conducted recently in which 733 square yards of plaster were applied by one man in eight hours' time. In the test, one man plastered and five laborers supplied him with materials.

The sixteen or twenty dollar a day plasterer who can do only one eighth as much as this machine is such a common item of present high building costs, that the device will surely be thoroughly investigated.

PUBLICLY OWNED UTILITIES FAIL

According to an editorial in the "Wall Street Journal," public utilities, particularly light and power plants, fail in a great many cases, where a privately owned concern would thrive. The article further states: "The bugbear of municipal ownership which has sometimes caused the investor to turn away from the utility industry, is shown in its true light by the fact that more than 600 municipality owner electric light and power plants and other public utility properties have either been abandoned or sold to private owners, and that the average rate of municipally owned electric light plants is more than double the average for the country at large, taking in both publicly and privately owned companies.

"Samuel Insull says all of the companies with which he is connected have adopted the custom-ownership plan. The growth of this plan spells increased stability for the utility industry in the future. Statistics show that in 1920, approximately $35,000,000 in securities of power companies were sold to customers and employees; in 1922, this amount had grown to $175,000,000, and it is expected that in 1923 over $300,000,000 will be purchased by the customers of power companies."

CEMENT AUCTION

The Domestic and Foreign Trade Bureau of the San Francisco Chamber of Commerce is in receipt of advice to the effect that 10,783 bags of K. B. & S. cement will be sold at public auction at the Dodd Warehouse, 190 Lombard street, at 12 o'clock noon, Thursday, Feb. 28, to meet storage charges. This material was previously sold to conform to all American and local tests and specifications, and interested parties may inspect same by calling at the Dodd Warehouse.

STOCKTON CHAPTER OF A.A.E. IS ORGANIZED

A temporary organization of the Stockton Chapter, American Association of Engineers, was perfected at a meeting held in the offices of the Western States Gas and Electric Company at Stockton. Forty engineers from every section of the San Joaquin valley attended the meeting.

An application for a charter is to be sent in at once, and the Sacramento chapter is being asked to release to the Stockton chapter the counties of San Joaquin, Calaveras, Tuolumne, Amador and Stanislaus. Every class of recognized engineering men are eligible to membership.

The temporary officers include: T. J. Janes, president; C. Bovey, vice president, and O. R. Evans, secretary-treasurer. The next meeting, when committee reports will be heard and the final organization completed, will be March 6. The temporary officers will serve until the charter is received and the permanent officials chosen.

The committee on preparing a constitution and by-laws consists of H. K. Griffin, W. B. Hogan and C. Bovey, while the membership committee includes A. H. Davies, J. B. Manthey and R. C. McKee.

ORGANIZATION NEWS

(Continued from Page 5)

FRESNO BUILDERS PREPARE TO INSTALL OFFICERS

Preliminary plans for the second annual election of officers to be held by the Fresno Builders' Exchange on March 17 were outlined at the weekly meeting of the board of directors of the organization.

It was voted to hold a dinner meeting at a local hotel, arrangements for which will be made by the directors. At the dinner six directors to serve two years will be elected. There are 11 directors on the exchange board. The retiring directors are A. W. Bernhauer, George A. Faris, W. K. Kendrick, J. G. Martin, W. M. Rowe and H. W. Shields. The five directors who will serve another year are F. B. Billings, H. H. Bourtright, R. F. Felchlin, E. J. Farr and Frank Minard.

On March 18 the entire directorate will meet to elect a president, vice-president, treasurer, and secretary manager. Present officers are president, J. G. Martin; vice-president, H. W. Shields; treasurer, William Rowe, and secretary manager, R. W. Chrouch.

Annual reports will be submitted by the treasurer, secretary manager and industrial relations committee.

It is planned to secure a speaker from out of the city to deliver the principal address of the evening. There will also be talks by several members of the exchange.

CITY MANAGERS TO MEET

The next meeting of the northern division of the California City Managers' Association will be held in Sacramento next month. This was decided at the meetings of the managers held in Berkeley last week.

There are now twenty-three city managers in California, placing this state second in the list. Michigan leads with twenty-eight. There are 333 cities in the United States which now have the manager form of government and the majority of these have swung over in the last three years.

Building News Section

APARTMENTS

Plans Completed.
APARTMENTS Cost, $10,850
SAN FRANCISCO, S Green 80 W Steiner.
Two-story and basement frame (4) apartments.
Owner—Mrs. I. C. Roman and E. C. Thomas, 825 Clement, San Francisco.
Architect—Philip Schwerdt, 2920 Jackson St., San Francisco.

Plans Being Figured.
APARTMENTS Cost, $35,000
EAST OAKLAND, Alameda Co., Cal., Twenty-seventh and Foothill Blvd.
Two-story and basement frame store and apartment house (4 stores and 12 3-room apts.)
Owner—Withheld.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.
Bids being taken for a general contract.

Preliminary Plans Bein gPrepared.
APARTMENTS Cost, $30,000
SAN FRANCISCO, California St. near Fillmore.
Three-story and basement frame apts. (12 2-room apts.)
Owner—Mrs. M. Mahoney.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.

Plans Being Prepared — Contract Awarded.
STORES & APTS. Cost, $150,000
SAN FRANCISCO, Jones and Turk Sts.
Six-story and basement Class C stores and apartments, 48 2-room apts., 5 stores.
Owner—Walter Plummer.
Architect—E. E. Young, 2002 California St., San Francisco.
Contractor—M. A. Little, 535 Geary St., San Francisco.

Sub-Figures Being Taken.
APARTMENT Cost, $25,000
SAN FRANCISCO, Scott St. near Union.
Two-story and basement frame and stucco apt. bldg. (8 3-room apts.)
Owner—H. Coustette, 3227 Scott St., San Francisco.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Plans Complete — Sub-Figures Being Taken Next Week.
APARTMENTS Cost, $50,000
SAN FRANCISCO, NE Washington and Leavenworth Sts.
Three-story and basement frame (12) apartments.
Owner—Marian Realty Co., 1171 Market St., S. F.
Architect—Rousseau & Rousseau, 1171 Market St., S. F.

Owner Taking Sub-Figures.
APT. HOUSE Cost, $35,000
SAN FRANCISCO, Frederick & Willard Streets.
Three-story and basement frame and stucco apt. house.
Owner—Chas. Terranova, 180 Jessie St. San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.

Plans Being Prepared.
STORE & APTS. Cost, $20,000
SAN FRANCISCO, N Commercial bet. Montgomery and Kearny Sts.
Three-story and basement brick store and apartments.
Owner—K. Robson.
Architect—S. Heiman, 57 Post St., S. F.

SANTA MONICA, Los Angeles Co., Cal.—Archt. Thomas Franklin Power, 2615 W 7th St., Los Angeles, is preparing plans for an 18-room apt. house to be erected at 1328 Third St. for Harry G. Moeller, 1326 Euclid Ave.; cost, $45,000.

To Be Done By Day's Work & Sub-Contracts.
APARTMENTS Cost, $75,000
SAN FRANCISCO, N Jackson 192-1 W Franklin.
Four-story and basement reinforced concrete (16) apartments.
Owner—H. C. Keenan, 110 Sutter St., San Francisco.
Architect—M. W. Morrison, 601 42nd Ave., San Francisco.

LOS ANGELES, Cal.—Chas. W. Kreis & Son, 1410 Sunset Blvd., are preparing preliminary plans for a 3-story store and apt. bldg. to be erected at n.w. cor. Sunset Blvd. and Sutherland St., for H. Bortenstein and M. Kirsh; it will contain 8 stores and 44 2-rm. apts. Dimensions, 110x124 ft., frame & plas. const., pine trim, hardwood fls., tile baths and drainbds., wall beds, aut. storage water htr., gas rads., basement; $125,000.

Owner Taking Sub-Figures.
APARTMENTS Cost, $25,000
SAN FRANCISCO, Francisco near Van Ness Avenue.
Three-story frame apartments.
Owner—John Eshia, Monadnock Bldg., San Francisco.
Architect — O'Brien Bros., 315 Montgomery St., San Francisco.

LOS ANGELES, Cal.—R. P. Pennock and Ray Benard, 300 S Alvarado St., are forming a closed corporation for erecting a $2,866,920 13-story and basement, reinf. conc., own-your-own apt. bldg., to be erected at n.w. cor. Ocean View Ave. and Alvarado St. Archt. H. H. Whiteley, Balford Bldg. 634 S Western Ave., prepared the preliminary drawings. It is reported only $30,000 needs to be raised to complete the financing when a construction contract will be let on a cost plus basis. Found. 204x356x400x300 ft., 792 rms., stores on street levels, underground garage. Only 75% of the apts. will be sold, the remainder of the bldg. to be held for maintenance income.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. **Fold-up-Dors,** Ti-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-slipping flooring.—Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET

Sutter 5907 San Francisco

LOS ANGELES, L. A. Co., Cal. — Archts. Dodd & Richards, 905 Brack-Shops Bldg., have completed plans for a 2-story class C store and apt. bldg. to be erected at n.w. cor. of 6th St. and Westmoreland Ave. for L. A. Income Properties, Inc., Pac. Finance Bldg.; Scofield Engr. Constr. Co., Pac. Finance Bldg., contr. Dimensions, 60x170 ft., 8 stores, 17 apts.; brick constr., cast stone and press. brick exter., plate glass, struc. steel, marble and tile work, pine trim, tiled baths, wall beds, gas htg., water htrs., tile and comp. rfg $90,000.

SEATTLE, Wash. — Archt. Harry Hudson, American Bank Bldg., completes plans for 4 story, 120 by 120 ft., masonry apartment building to be erected at Terry Ave. and Spring St., for Colonial Investment Co. Will contain 80 apartments. Basement will provide garage quarters for tenants. Est. cost $400,000.

LOS ANGELES, Cal.—Boylston Construction Co., 961 Court St., has the contract to erect a 49-room, 24-apartment building on 30th St. near Figueroa St. for Alyer Liss. Two story, 42x155 feet, frame and plaster construction, composition roofing, pine trim, oak and pine floors, wall beds, gas radiators, water heaters. Cost, $45,000.

BONDS

POMONA, L. A. Co., Cal.—The $125,000 bond issue for completing and equipping the new high school carried at the recent election. Of this sum $50,000 will be expended for building and equipping a gymnasium; $50,000 for finishing and furnishing the main bldg and $25,000 for a mechanics arts bldg. Bids will be called as soon as legal requirements are met.

FORT BRAGG, Mendocino Co., Cal.—Election will be held March 28 to vote bonds of $15,000 to finance purchase of equipment and improve school grounds.

WALNUT CREEK, Contra Costa Co., Cal.—Election will be called shortly to vote bonds of approximately $20,000 to finance construction of new school. Plans will be so designed as to permit future units when school attendance requires larger quarters.

ALAMEDA, Alameda Co., Cal.—Mar. 11 is date set to vote $250,000 in bonds to finance construction of new Lincoln school and purchase of additional school property. H. H. Meyers, Kohl Bldg., S. F., is the architect for the Lincoln School.

LOS ANGELES, Cal.—May 6 is date set to vote bonds of $3,000,000 to finance construction of central police station and ten district stations.

PENNGROVE, Sonoma Co., Cal. — Election will be called at once to vote bonds of $30,000 to finance erection of 8-room school to replace Eagle school.

LOS ANGELES, Cal.—The L. A. board of education has decided to call a bond election to vote funds with funds with which to increase school facilities to meet the demands of increasing school attendance. It is proposed to vote $19,360,000 for grammar school purposes and $15,280,000 for high school purposes; a total of $34,640,000. The date for holding the election has not been set.

EUGENE, Ore. — Bonds of $250,000 voted at recent election to finance erection of two schools, one to contain 12 rooms and the other 24 rooms. An architect is yet to be selected.

WATTS, L. A. Co., Cal.—An election will be held Feb. 29 to vote on a $650,000 school bond issue for the purchase of high school lots, building one or more high school bldgs., etc. Proposed bldgs. are for the Clearwater dist. and the Watts city school dist., Lugo school dist. and Compton union high school dist. Mark Keppel, county supt.

SACRAMENTO, Cal.—Board of Education sets May 17 as tentative date to vote bonds of $550,000 to finance construction of new junior college building.

HAWAII—A bond issue of $2,265,000 by the territory of Hawaii for public improvements has been approved by President Coolidge, upon the recommendation of Secretary Work.

SANTA ANA, Orange Co., Cal.—An election will be held March 4, to vote on a $250,000 school bond issue. More than half will be used to erect a school building to replace the old frame structure known as the Roosevelt School on E. First St. The balance will be used for additions and improvements at the Polytechnic high school. J. A. Cranston, supt.

CHURCHES

VISALIA, Tulare Co., Cal. — From plans prepared by Archt. F. N. Hilburn, Turlock, Cal., work will be started at once on church for First Christian Congregation of which Rev. Earl L. Karsteadt is pastor. Provision is made for Sunday school rooms, social hall, etc. Est. cost $35,000.

STOCKTON, San Joaquin Co., Cal. — East Side Presbyterian Congregation is completing drive for $15,000 to finance erection of new church building Elder J. M. Boyd, heads the building committee.

RIPON, San Joaquin Co., Cal.—First Christian Reform Church is having plans prepared for a new edifice to be erected at a cost of $15,000. Will be one story and basement frame construction with auditorium seating 500. G. Vrieling is chairman of building committee. John De Young, pastor.

SAN DIEGO, San Diego Co., Cal. — Plans are under way for a convent bldg. to be erected on the grounds of the Church of Our Lady of Angles, at 24th and G Sts., for the Sisters of St. Joseph. Rev. W. E. Corr is rector of the parish.

HANFORD, Kings Co., Cal.—Preliminary plans have been completed for a new edifice to be erected at S Douty and Second Sts., for A. M. E. Zion Church of which I. Albert Moore is pastor. It is planned to start early construction.

COLTON, San Bernardino Co., Cal. — Plans for the new Baptist church bldg. have been completed and will be presented to the congregation March 1, at the quarterly business meeting. Est. cost $75,000. The committee members are: E. E. Ward, O. L. Emery, Walter Evans, G. W. Ogden, E. T. Bagwell, and Rev. H. B. Blood.

FACTORIES AND WAREHOUSES

Concrete and Excavating Contracts Awarded.
WAREHOUSE Cost, $14,500
SAN FRANCISCO, S Minna St. 25 E Julia.
One-story concrete warehouse.
Owner—Arthur Elvin, 180 Jessie St., San Francisco.
Architect—Fabre & Hildebrand, 110 Sutter St., San Francisco.
Concrete and excavating awarded to Moller & De Luca, 180 Jessie St., $5662.

Plans Completed.
ADDITIONS Cost, $15,000
FRESNO, Fresno Co., Cal., E and Inyo Streets.
One-story brick and concrete additions for creamery—ice making and butter drying units.
Owner—Danish Creamery Assn, Fresno
Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.

Plans To Be Prepared.
FACTORY Cost, $7000
SAN FRANCISCO, W 7th 30 N Harrison, 25 x 85.
One-story and mez. concrete class C factory.
Owner & Archt.—Arthur G. Bugbee, 26 Montgomery St., San Francisco.
Construction will be started as soon as a lease is consummated.

Plans To Be Prepared.
FACTORY Cost, $7000
SAN FRANCISCO, N Harrison 300 E 6th Street.
One-story and mez. class C concrete factory 25 x 80.
Owner & Archt.—Arthur G. Bugbee, 26 Montgomery St., San Francisco.
Construction will be started as soon as a lease is consummated.

Contract Awarded
LOFT BLDG. Cost, $20,000
SAN FRANCISCO Bryant and 7th St.
One-story and mezzanine concrete class C loft bldg. with frontage on both streets.
Owner—Victor Hoelscher and Daniel Rosenblum.
Architect—Arthur G. Bugbee, 26 Montgomery St., S. F.
Contractor — Buschke & Brown, 604 Mission St., S. F.

Contract Awarded.
LAUNDRY Cost, $75,000
SAN FRANCISCO, W Harrison St. bet. 20th and 21st.
Two-story brick laundry bldg. 75x245.
Owner—Standard Laundry Co.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—J. S. Malloch, 180 Jessie St., San Francisco.

Plans Being Prepared.
FACTORY Cost, $60,000
SAN FRANCISCO, W 6th St., bet. Howard and Folsom.
Two-story brick factory 120x120.
Owner—Mr. K. Robson.
Architect—S. Heiman, 57 Post St., San Francisco.

Plans Being Prepared.
ADDITION Cost, $25,000
SAN FRANCISCO, Folsom and 8th Sts.
Two-story reinforced concrete addition to laundry bldg.
Owner—Galland Laundry Co.
Architect—S. Heiman, 57 Post St., San Francisco.

Contract Awarded.
LIGHT MFG PLANT Cost, $12,000
SAN FRANCISCO, NE Howard & Mary Streets.
Two-story class C light mfg. plant.
Owner—F. Tegeler, 888 Fell St., S. F.
Engineer—T. Ronneberg, 826 Crocker Bldg., San Francisco.
Contractor—Louis Cohn, 110 Sutter St., San Francisco.

YUBA CITY, Sutter Co., Cal.—Triplett & Haulton at $1,735 awarded contract by county supervisors to erect warehouse to house road equipment in Road Dist. No. 2. Will be 40 by 80 ft.

KIRKFORD, Ore.—Engineers of the Long-Bell Lumber Co., are making surveys at Kirkford, the terminus of the Weed-Klamath Falls branch where the company will erect a saw mill. The report, however, comes unconfirmed.

SAN FRANCISCO—California Prune and Apricot Growers' Association, Market and San Antonio Sts., San Jose, contemplate the erection of a modern fireproof packing plant on San Francisco Bay. Several sites are under consideration. A. M. Mortensen is general manager of the association.

FULLERTON, Orange Co., Cal.—Balboa Motors Corp. (assembling automobiles) is selecting a site in Fullerton for a $130,000 factory which the company will build. The initial force employed in the assembling work will be 175. Further information may be obtained from George A. Raymer, secy. and gen. mgr. of the chamber of commerce.

SANTA ANA, Orange Co., Cal.—A. V. Napier has announced that the Cope-Shaffer Co. and the Los Angeles Textile Co., both of Los Angeles, are to be merged and a name selected. These plants have under consideration the construction of a 10-unit textile plant on a 10-acre site on Newport Blvd., opp the junction of Balboa Palisades Rd. and Newport Blvd. The first unit will cost approx. $75,000. Construction will start within 90 days.

LOS ANGELES, L. A. Co., Cal. — Until 2:30 p. m., March 21, bids will be received by L. A. harbor comm., 312 Byrne Bldg., for steel frame transit shed at Berth 178, under spec. 591 on file at the office of the secy., 312 Byrne Bldg., or at the office of the harbor engr., Los Angeles harbor. Cert. check of bond 10%. Guy W. Wade, secy.

PHOENIX Ariz.—Archts. Lescher & Mahoney, Bank of Arizona Bldg., Phoenix, are preparing plans for a 1-sto. brick and reinf. concr. packing plant, 150x150 ft., to be erected in Phoenix, for the Citrus Growers Assn. Brick wall, concr. iron rf; reinf. concr. fl; steel trusses and cols: est. cost, $50,000. Plans will be ready Mar. 1.

RICHMOND, Contra Costa Co., Cal.—Unconfirmed reports in this section are to the effect that John Gerlach heads interests contemplating the establishment of a brick and general clay manufacturing plant in Richmond. Gerlach is now in Los Angeles and the report could not be confirmed.

DURO
California Cedar Products Co.
All-Key Plaster Lath
(Patented)
100% Mechanical Key.
Plaster Wall Board
(Patent applied for)
The Last Word in Wall Board.
CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

HILMAR, Merced Co., Cal. — Karl Wessel of St. Paul, Minn., plans to establish a plant for the manufacture of hemp products if farmers will sign up to grow the product. Others associated with Wessel in the project are: Karl Adler, Wessel's associate in a plant now operating at Duluth, Minn., and W. P. Hume, business agent of the Wessel system hemp mills. A plant costing approximately $100,000 is contemplated. The Turlock Chamber of Commerce is assisting Wessel in gathering information as to available sites.

FLATS

To Be Done By Day's Work—Sub-Figures To Be Taken In Ten Days.
FLATS Cost, $13,000
SAN FRANCISCO, N Lombard 80 W Franklin.
Two-story and basement frame and stucco flats (2 5-room flats with sun porch and breakfast nook).
Owner & Archt.—Arthur G. Bugbee, 26 Montgomery St., San Francisco.

Plans Complete.
FLATS Cost, $10,000
SAN FRANCISCO, W Octavia St. 150 S Bay.
Two-story & basement frame (2) flats.
Owner—Chas. Vedell, 893 Elizabeth St. San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.

Owner To Take Sub-Figures Next Week.
FLATS Cost, $10,000
SAN FRANCISCO, NW Child & Greenwich.
Three-story frame (3) flats.
Owner—L. Gaviati, 466 Greenwich, San Francisco.
Architect—J. A. Porporato, 619 Montgomery St., San Francisco.

GARAGES

Plans Being Prepared.
GARAGE Cost, $20,000
CALISTOGA, Napa Co., Cal.
One-story steel and hollow tile garage building with mezzanine floor
Owner—Frank Moors.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

Contract Awarded.
GARAGE Cost, $25,000
OAKLAND, SW 11th & Webster Sts.
One-story brick garage.
Owner—Scontriana Bros., 1107 Broadway, Oakland.
Contractor—J. J. Powers, 774 20th St., Oakland.

GOVERNMENT WORK AND SUPPLIES

BREMERTON, Wash.—Until March 31, bids will be rec. by Supply Officer, Puget Sound Navy Yard, to fur. centrifugal, direct-connected motor driven pump, 30-gal capacity per min. against max. 50-ft. head and 10-ft. suction. Pump to be all brass. Further information on request.

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SEATTLE, Wash.—Until March 6, 11 a. m., bids will be rec. by Alaskan Engineering Commission, 422 Bell St. Terminal, Seattle, to fur. and del. under Circular No. 630: Paints, miscellaneous hardware and plumbing supplies; rubber hose, packing, shafting, wire rope, air brake equipment, jacks, etc. Further information obtainable from The Alaskan R. R. Office, 510 Customhouse, San Francisco.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C. February 18, 1924.—SEALED PROPOSALS will be opened in this office at 3 P. M., March 18, 1924, for the construction, including mechanical equipment, of a one-story concrete and brick non-fireproof Post Office building, approximately 60 by 95 feet, at Dubois, Pa. Drawings and specifications may be obtained from the Custodian of the site at Dubois, Pa., or at this office in the discretion of the Supervising Architect. JAS. A. WETMORE, Supervising Architect.

BREMERTON, Wash.—Until March 1 bids will be rec. by Supply Officer, Puget Sound Navy Yard, to fur. 2 wood storage tanks, 7000-gal., 16-ft. dia., approx. 6-ft. high, redwood or cedar. Further information on request.

PEARL HARBOR, T. H.—Louis R. Smith, 1576 Pensecola St., Honolulu, T. H., at $56,517, time for completion 230 days, awarded cont. by Bureau of Yards and Docks, Navy Department, to erect, paint and oil storehouse at Pearl Harbor, under Specifications 4911.

SAN DIEGO, Cal.—San Francisco Bridge Co., 14 Montgomery St., San Francisco, at $2 cu. yd.; (est. cost, $7500) awarded cont. by Bureau of Yards & Docks, Navy Department, for dredging at San Diego, under Specification 4885.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, to fur. and del. materials to Navy Yard as follows, date for opening bids as noted as close of each paragraph:

Schedule 1918, for eastern and western yards, wrought and pig iron, Mar. 11.

Schedule 1919, for Puget Sound, 2 whip hoists, March 11.

Schedule 1920, for Mare Island, 2,600 pounds condenser tubes, March 11.

Schedule 1922, for eastern and western yards, miscellaneous sheet and pig lead and solder, March 11.

Schedule 1927, for Puget Sound, 7,000 lbs. ammonium chloride, March 18.

Schedule 9130, for eastern and western yards, mixed nuts, March 18.

Schedule 1931, for Mare Island and Puget Sound, 307,000 handhole boiler gaskets, March 18.

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FORT MASON, Cal.—A. W. Kitchen Co., 110 Market, has been awarded a contract at $1246 by the U. S. Constructing Quartermaster to drive piles, etc., for wharf repairs at Fort Winfield Scott. Mervey Elwell, of Oakland, submitted the second lowest bid at approx. $1324.

WASHINGTON, D. C.—Until March 15, 10:30 a. m., bids will be rec. by General Purchasing Agent, Panama Canal, to fur. and del. Balboa (Pacific Port), under Circular No. 1502: steel, roofing (iron or steel), pumps, adding machine, resistance units, resistance wire, fire bricks, ferrosilicon, babbitt, boronic copper alloy, bolts, nuts, rivets, pipe and fittings, valves, cylinder cocks, wire lath, copper screening, chain, helical springs, cable clips, shackles, porthole glasses, brass checks, washers, water closet seats, aluminumware, paints and varnishes, putty, suction and hydraulic hose, etc. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

HALLS AND SOCIETY BUILDINGS

Working Drawings Being Prepared.
MEMORIAL BLDG. Cost, $64,000
RICHMOND, Contra Costa Co., Cal.
Hollow tile Memorial building.
Owner—Contra Costa County.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

Working Drawings Being Prepared.
MEMORIAL BLDG. Cost, $30,000
MARTINEZ, Contra Costa Co., Cal.
Two-story hollow tile Memorial building.
Owner—Contra Costa Co.
Architect—Jas. T. Narbett, 910 Macdonald Ave. ,Richmond.

Working Drawings Being Prepared.
MEMORIAL BLDG. Cost, $18,000
WALNUT CREEK, Contra Costa Co.
Hollow tile Memorial building.
Owner—Contra Costa County.
Architect—Jas. T Narbett, 910 Macdonald Ave., Richmond.

Working Drawings Being Prepared.
MEMORIAL BLDG. Cost, $18,000
DANVILLE, Contra Costa Co., Cal.
Hollow tile Memorial building.
Owner—Contra Costa County.
Architect—Jas. T Narbett, 910 Macdonald Ave., Richmond.

Plans Being Figured—Bids Close Mar. 5, 1924.
BUILDING Cost, $—
SAN FRANCISCO, N Parnassus Ave. W Willard St.
Two-story frame fraternity bldg.
Owner—Delta Sigma Delta Fraternity.
Architect—August Headman, Call Bldg San Francisco.
Bids are being taken for general work, plumbing, painting and heating.

Plans Being Figured—Bids Close Mar. 10, 1924.
VALLEJO, Solano Co., Cal., Georgia St. bet. Sonoma and Marin Sts.
Three-story reinforced concrete store lodge and office bldg.
Owner—Vallejo Lodge of Redmen.
Architect—Clay N. Burrell, American Bank Bldg., Oakland.

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

Contractors Taking Bids for Plumbing, Heating, Ventilating and Electric Wiring.
STORE & CLUB BLDG. $1,000,000
SAN FRANCISCO, N Post bet. Powell and Mason Sts.
Owner—Elks' Club.
Architect—Meyers & Johnson, 712 Market St., San Francisco.
Contractor—R. McLeran Co., Hearst Bldg., San Francisco.

Contract Awarded.
CLUB HOUSE Cost, $18,738
BERKELEY, Alameda Co., Cal., Cedar, Virginia, Spruce and Arch Sts.
Club house.
Owner—Hillside Club of Berkeley, Cedar and Arch Sts., Berkeley.
Contractor—Walter Sorenson, 3221 Ellis St., Berkeley.

LOS ANGELES, Cal.—Engineering Service Co., 1316 Washington Bldg., desires bids for plumbing, heating, ventilating, refrigeration and electric wiring for the new club building to be erected at Lake Elsinore for Southern California Athletic and Country Club. The building will be two story with a frontage of 248 feet, club rooms in first story and dormitory rooms in second story; reinforced concrete and hollow tile construction. Plans and specifications may be obtained at office of Engineering Service Co., 1316 Washington Bldg.

LOS ANGELES, Cal.—Joe Toplitzky, representing a syndicate of capitalists, has purchased the n.w. cor. of 8th and Flower Sts., from Los Angeles Lodge No. 99, B. P. O. E. The property is 150 by 165 ft. and will be improved with a class A store and office bldg.

LOS ANGELES, Cal.—Architect H. C. Deckbar, 1007 Wright-Callender Bldg., has completed plans for a two-story Masonic Temple building to be erected on the southeast corner of 45th St. and Western Ave. for the University Masonic order. There will be 7 stores on the first floor, lodge room, reception room, banquet room, kitchen, library on the second flood. Two-story, 90x130 feet, brick walls, rugg. brick exterior, art stone trim, cement and hardwood floors, hardwood and pine trim. Owners are taking selected bids.

HOSPITALS

NEVADA CITY, Cal. — See Official Proposals, this issue.

BAKERSFIELD, Kern Co., Cal.—Until March 17, 10:30 A. M., bids will be rec. by F. E. Smith, county clerk to furnish and install light fixtures and lamps and finish hardware in Old People's Home building at county hospital grounds. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. Cert. check 10% payable clerk req. **See call for bids under official proposal section in this issue.**

TORRANCE, Los Angeles Co., Cal.—Torrance Hospital Assn. has been formed to erect a modern fireproof hospital in Torrance. Subscriptions are being taken now. Dr. J. S. Lancaster is pres. and Mrs. Willis Brooks, secy.

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Bids Opened—Three Lowest Bids Taken under Advisement.
HOSPITAL Cost, $150,000
SAN FRANCISCO, S E Jackson and Trenton Streets.
Four-story reinforced concrete hospital.
Owner—Chinese Six Companies.
Architect—Alfred I. Coffey, Humboldt Bank Bldg., San Francisco.
Barrett & Hilp, 918 Harrison St. San Francisco $144,701
K. E. Parker, Clunie Bldg..... 145,500
H. L. Peterson 149,600
I. W. Coburn 151,759
J. A. Hill 151,975
W. D. Henderson 152,800
J. J. Leonard 154,000
J. A. Bryant 157,256
West Coast Constr. Co..... 157,418
L. R — 159,500
W. J. Stevens 159,857
G. Jensen 160,800
Reilly & Nemetz 163,777
Monson Bros. 163,550
F. L. Hansen 164,400
B. C. McCabe 167,000

SANTA ANA, Orange Co., Cal.—Santa Ana Valley Hospital Assn. has purchased 3½ acres at s.w. cor. Grand and Washington Aves. as site for the proposed hospital bldg. which the assn. will erect here; work to start probably within 30 days. The first unit will contain space for about 30 beds. Several sets of plans have been received by the assn. but none has been approvad. Dr. C. D Ball is pres. of the organization.

STOCKTON, San Joaquin Co., Cal.—Informal bids will be received until March 18, 1924 12 noon by the State Architect, Dept. of Public Works, 615 Forum Bldg., Sacramento, for a 250 h. p. water tube boiler, new smoke breeching with connections to boilers, new piping and valves, relocating of oil set, connect new boiler, etc. at the Stockton State Hospital. Specifications and copy of Proposal are on file in the office of the "Larsen Advance Construction Reports," 818 Mission St., San Francisco.

HOTELS

Contracts Awarded.
ADDITION Cost, $—
BERKELEY, Alameda Co., Cal., N University Ave. W Shattuck.
Two-story concrete addition to one-story bldg. for hotel (55 rooms).
Owner—R. Roth.
Architect—August G. Headman, New Call Bldg., San Francisco.
General contract to Murch & Williams, Federal Bldg., Oakland, $80,000.
Plumbing to F. P. McKeon, 233 Post St., San Francisco, $8000.
Heating to Scott Co., 243 Minna St., S. F., $3755.
Elevator contract to be awarded later.

PASADENA, L. A. Co., Cal.—Archt. Saul H. Brown, 528 Union League Bldg. is preparing plans for a 4-story, 111-room class C hotel bldg. to be erected on Marengo Ave., Pasadena, for a client. Four story and basement, 206x52 ft., brick walls, press. brick facing, art stone trim, comp. rfg., gas unit htg. system, 100% tile baths, oak fls., hardwood and pine trim, struc. steel, fire escapes, marble lobby, elevator; cost $150,000.

Permit Applied For—Bids under Advisement.
HOTEL Cost, $300,000
SAN FRANCISCO, SE Eddy and Jones.
Six-story and basement steel and reinforced concrete hotel.
Owner—A. Vayssie.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.
Figures were taken as follows: general contract, plumbing, heating, electrical and painting.

AVALON, Los Angeles Co., Cal.—Architects Weber, Staunton & Spalding, 1017 Hibernian Bldg., are preparing plans for a 3-story addition, 40x63 feet to St. Catherine Hotel at Avalon for Santa Catalina Island Co. It will contain an extension to the dining room, 12 sleeping rooms and 12 baths; frame and plaster construction, tiled baths. Day work.

POMONA, Los Angeles Co., Cal. — C. B. Afflerbaugh, Morris H. Wilson, Walter A. Booth, of Pomona, and R. W. Fisk, of Pasadena, announce that work is to be started within a few weeks on the proposed new $250,000 hotel for the n.w. cor. of Towne and Holt Aves. The proposed bldg. will be a 3-story Colonial, French or Spanish Renaissance type of structure, containing 85 rms., 21 apts., dining room, and lobby. The dining room will be 46x60 ft., to seat 400. The financing of the work is reported being done in Los Angeles.

POWER PLANTS

YUMA, Ariz.—U. S. Senate has voted $250,000 appropriation to const. hydro-electric power plant at Yuma.

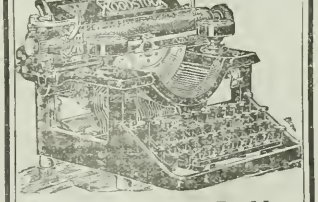
PASADENA, Cal.—See "Machinery & Equipment," this issue.

TACOMA, Wash.—See "Waterworks," this issue. Bids wanted for Cushman Dam and Appurtenant Works, City of Tacoma.

PUBLIC BUILDINGS

LONG BEACH, L. A. Co., Cal.—City council has authorized City Manager Windham to advertise for bids for erecting a central fire alarm station bldg. at Broadway and Alamitos Ave., Long Beach, for the Bureau of Fire Alarms. Parker O. Wright and Francis H. Gentry, 316 Marine Bank Bldg, Long Beach, archts. and engrs. Two stories and full basement, steel frame, brick walls, terra cotta facing, slab and concrete roof, concrete floors, battery and motor generator rooms, offices, alarm equipment, living quarters, baths, toilets.

LOS ANGELES, Cal.—The Board of supervisors has rejected all bids for granite facing for the new Hall of Justice and the plans will be revised and new bids taken. The revised plans will provide for granite columns and granite facing up to the 9th floor and terra cotta facing for the remainder.



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Equipped To Handle Any Size Job.
DIRECT FACTORY BUYERS

BAKERSFIELD, Kern Co., Cal. — County supervisors vote $5000 appropriation to finance erection of branch library building at McKittrick.

LOS ANGELES, Cal.—City council has authorized City Manager Windham to advertise for bids for erecting a 3-story bldg. and 6-story tower fire station and drill school structure No. 8, at 5th St. and Alamitos Ave., Long Beach. Parker O. Wright and Francis H. Gentry, 316 Marine Bank Bldg., Long Beach, archts. and engrs. Found., 90x90 ft., steel frame, brick walls, terra cotta facing, 4 runways, basement, steam heating, conc. fls., slab and comp. rf., offices, dormitory, lounge and assembly rooms, kitchen, dining room, showers, toilets, administration quarters, stage, projection room.

LOS ANGELES, Cal.—Wm. Davidson chief mechanical engineer of L. A. county, states that the plans for the general contract on the new Hall of Justice will be revised to include an 8-in. concrete wall for backing for stone work. This work was originally specified in brick and was included in the stone contract. The general plans will be revised and readvertised for bids shortly and new date for receiving bids set.

LOS ANGELES, Los Angeles Co., Cal. —Until 11 a. m., Mar.17, bids will be received by the L. A. board of supervisors for general contract for erecting Hall of Justice building at Temple St. and N. Broadway. Contract will include concr. work, fireproofing, hollow tile work, roofing, brick work, vault lights and vaults. The date for receiving bids was originally set for Mar. 3 but has been extended to Mar. 17. Plans and spec. may be obtained at the office of the board of supervisors, Hall of Records.

RESIDENCES

Contract Awarded.
DWELLING Cost, $9500
BERKELEY, Alameda Co., Cal. No. 1514 Le Roy.
Two-story 9-room dwelling and garage
Owner—R. L. Ulsh, 1310 Bay St., Alameda.
Architect—W. A. Doctor, 410 15th St., Oakland
Contractor—Henry Houle, 5901 Scenic Way, Oakland.

Contract Awarded.
RESIDENCE Cost, $14,000
SAN JOSE, Santa Clara Co., Cal. Capitola Avenue.
Two-story and basement frame and stucco residence.
Owner—A. Cataldi, Capitol Ave., San Jose.
Architect—None.
Contractor—De Cola & Weldon, 115 N-33rd St., San Jose.

Segregated Figures to be Taken Next Week.
RESIDENCE Cost, $30,000
PIEDMONT, Alameda Co., Cal., Sierra Avenue.
Two-story and basement frame, brick veneer and stucco residence with slate roof, 12 rooms, 3 bathrooms and garage.
Owner—Mrs. H. H. Patterson.
Architect—Sidney B. & Noble Newsom, Nevada Bank Bldg., San Francisco.

Plans Being Figured—Bids Close Mar. 1, 1924.
RESIDENCE Cost, $—
BERKELEY, Alameda Co., Cal., North Berkeley district.
Two-story and basement frame and stucco residence with slate roof (15 rooms).
Owner—Paul Phelan.
Architect — Miss Julia Morgan, Merchants Exchange Bldg., S. F.
Bids are being taken for a general contract.

AUBURN, Placer Co., Calif.—J. Stoffles, Flefa St., Roseville, at approx. $10,000 awarded contract by St. Joseph's Church to erect parochial residence of frame and stucco construction. Rev. Vereker is pastor. Dean & Dean, City Library Bldg., Sacramento, are the architects.

Contract Awarded.
RESIDENCE Cost, $15,420
OAKLAND, SE Haddon Road & Hillgirt Circle.
Two-story 10-room frame residence.
Owner—H. J. Kaiser.
Contractor—F. J. Westlund, 351 12th St., Oakland.

Contract Awarded.
RESIDENCE Cost, $15,000
BERKELEY, Spring Street.
Two-story frame and stucco residence with tile roof.
Owner—M. R. Dempster.
Architect—W. H. Ratcliff, Mercantile Bank Bldg., Berkeley.
Contractor—S. J. Bertelsen, 30 Estrella Ave., Berkeley.

Low Bidder
RESIDENCE Cost, $37,000 approx
SACRAMENTO, Cal., 11th St., bet. J & K Sts. (Cathedral of the Blessed Sacrament).
Three-story and basement brick class C parochial residence.
Owner — Roman Catholic Archbishop (Rev. Thos. E. Horgan).
Architect—Dean & Dean, City Library Bldg., Sacramento.
Low Bidder—J. T. Gormley, 1152 Santa Barbara Court, Sacramento.

LIVE OAK, Butte Co., Cal. — F. E. Foderhase, of Oakland, has purchased property in the vicinity of the high school and contemplates the erection of a $10,000 residence.

NOTE:—The following is a true story and has appeared in the Sacramento Bee and Bldg. and Engr. News before, but Sandy Pratt, producer of Clean crushed rock, gravel and sand believes it is worth reading again. So does Mr. J. B. Rowray, general manager of the Sacramento Northern R. R.—Sandy.

THE WORLD is full.
* * *
OF HUMAN kindness.
* * *
IF WE only look for it.
* * *
FOR SOME time ago.
* * *
NEAR OUR sand-loading plant.
* * *
ON THE American River.
* * *
A SACRAMENTO Northern engineer.
* * *
STOPPED HIS passenger train.
* * *
AND CALLED to the employees.
* * *
OF OUR sand-producing plant.
* * *
THAT THREE puppies.
* * *
WERE ON the big bridge.
* * *
AND MIGHT fall.
* * *
INTO THE water or be killed.
* * *
IF HE moved his train.
* * *
SO TOM, who washes sand.
* * *
SHUT DOWN our entire plant.
* * *
CAUTIOUSLY CLIMBED the bridge.
* * *
RESCUED THE two pups.
* * *
THE THIRD probably fell.
* * *
INTO THE American River.
* * *
AND WHEN the writer.
* * *
OF THIS near literature.
* * *
CLARENCE SAND Pratt, president.
* * *
OF THE Pratt Building Material Co.
* * *
DOUGLAS 300—"easy to remember."
* * *
VISITED THE sand plant.
* * *
AND SAW the cute pups.
* * *
HE THOUGHT of a farmer friend.
* * *
WHO HAD a good home.
* * *
FOR TWO such bright animals.
* * *
A LONG distance phone.
* * *
BY SANDY Pratt.
* * *
SECURED A wonderful home.
* * *
FOR TWO friendless pups.
* * *
WHO HAD been on the edge.
* * *
OF A watery grave.
* * *
THEY NAMED one "Tom."
* * *
AFTER OUR sand washer.
* * *
WHO RESCUED the orphans.
* * *
AND THE other's name is "Sando."
* * *
MEANING PRATT'S clean, sharp sand.
* * *
SO YOU see.
* * *
THERE IS lots of kindness.
* * *
IN THIS dear old world.
* * *
IF YOU look for it.
* * *
FIRST, A trainload of people.
* * *
HAD TO wait.
* * *
AND SANDY Pratt's men shut down.
* * *
A PERFECTLY good sand plant.
* * *
AND EVEN Sandy, the president.
* * *
WHO THINKS.
* * *
HE IS a busy man.
* * *
BUT POSSESSING a kind heart.
* * *
TOOK TIME to find a home.
* * *
FOR TWO little homeless pups.
* * *
AND IF "Tom" and "Sando."
* * *
COULD ONLY talk.
* * *
NO DOUBT they would say.
* * *
"I THANK you."

Miss B. Goodtoanimals, who would like to kiss the engineer who saved the lives of the homeless puppies. Her father, A. Good Contractor, uses Sandy Pratt's crushed rock and gravel and clean, sharp sand.

SPRING VALLEY WATER COMPANY
375 SUTTER STREET

JOHN J. SHARON
ASSISTANT TO THE MANAGER

SAN FRANCISCO, CALIF.,

December 28th, 1923.

Crowe Glass Company,
1055 Post Street.,
San Francisco, California.

Gentlemen:-

Accept my sincere thanks for your kind holiday greetings.

The theme co-operation is particularly well chosen, but I must decline to take much credit upon myself and would be particularly remiss if I did not commend you upon the way the Spring Valley Water Company office building was enclosed from the second to the seventh floors after the order was given to proceed. Likewise, the ready response and the efficient results when other portions of the work were ordered, made co-operation with your firm one of the most pleasant in my experience as Supervising Engineer of Construction of Spring Valley office building in 1923. With labor conditions as they were during the past year, I think it truly remarkable the way your firm handled the work.

Assuring you of my most cordial friendship and wishing your firm a very prosperous 1924, I am,

Very truly yours,

To Our Many Friends

We wish to announce that due to our ever increasing business, we had to enlarge and secure new quarters and have taken over the business of SCHWARZ & GOTTLIEB, located at

574 EDDY STREET, SAN FRANCISCO,

and have removed our entire plant to that location.

New Phone PROSPECT 612.

Contract Awarded.
RESIDENCE Cost, $24,465
SAN FRANCISCO, St. Francis Wood.
Two-story and basement frame and stucco residence with tile roof.
Owner—Westgate Park Co., 278 Post St., for Dr. Lloyd Bryan.
Architect — Jos. L. Stewart, Claus Spreckels Bldg., San Francisco.
Contractor—M. C. Ingraham, 460 Duboce Ave., San Francisco.

LOS ANGELES, Cal.—Christ Thoren, 6764½ Hawthorne Ave., has the contract on a percentage basis to erect a residence on Alta Loma St., between Sunset and Santa Monica Blvds., for Mrs. Jessie P. Morgan and Mrs. A. R. Walker. Walker & Eisen, 330 Pacific Finance Bldg., are the architects. Two-story, English style, 12 rooms, 4 baths, brick and plaster and half-timber exterior, split shake roofing, hardwood and enamenal interior trim, oak floors, tiled baths, water heater, unit gas heating system, garage for three cars and chauffeurs' quarters. Cost, $50,-900.

FLINTRIDGE, Los Angeles Co., Cal.—Architects and Engineers Truesdell & Newton, 304 San Fernando Bldg., Los Angeles, are preparing preliminary plans for a 15-room Italian style residence to be erected on Flintridge Ave., Flintridge, for Sidney Glass. Frame and plaster construction, two-story and basement, tile roofing, hardwood floors and trim; 4 tile baths and kitchen, gas unit heating systems, automatic water heater, tile mantel, 2 story garage with servants' quarters above. There will also be extensive landscaping. Cost, $30,000.

FLINTRIDGE, L. A. Co., Cal.—Archt. and Engr. Truesdell & Newton, 304 San Fernando Bldg., L. A., are completing plans for a 13-room residence to be erected at cor. Flintridge Ave. and Woodlay Lane, Flintridge, for Harry Johansing. Frame constr., cement gun exter., 2-story and basement, tile rfg., gas unit htg. sys., aut. water htr., 5 tile baths, hardw. and pine trim and fls.; the entire site will be landscaped and there will be a formal garden and terraces, etc., $75,000.

BEVERLY HILL, L. A. Co., Cal. — J. W. Tucker, 1417 Lucille Ave., L. A., (59825), has the contract to erect a $60,000 30x104 ft. residence at 916 Crescent Dr., cor. Lexington Dr., Beverly Hills, for Oscar Lawler. Johnson, Kaufman & Coate, Union Bank Bldg., L. A., archts.

LOS ANGELES, L. A. Co., Cal. — Kenneth Albright 6526 Hollywood Blvd has the contract to erect a 10-room residence on Fremont Pl. near 10th St. for Henry Klein, 671 Carondelet St. Two-story 58x67 ft., frame and plas. constr., clay tile rfg., hardwood and pine inter. trim and fls., tile mantel, tiled baths, unit gas htg., aut. water htr., $30,000.

LOS ANGELES, Cal.—Architect C. H. Kyson, 6034 Hollywood Blvd., has prepared plans for a 20-room residence to be erected on Bon Vue Ave. near Glendower St. for W. C. Hay, 2900 Raymond Ave. Two story, 46x91 feet, frame and plaster construction, clay tile roofing, hardwood and enameled interior finish, oak floors, tile mantels, tiled baths, water heaters, unit gas heating. Cost, $40,000.

SCHOOLS

Sub-Contracts Awarded.
COLLEGE BLDGS. Cost, $168,000
SACRAMENTO, Cal., Y and 21st St.
Two 2-story concrete brick or hollow tile college buildings.
Owner—Christian Brothers, Martinez
Architect—Christian Brothers College, Martinez.
Contractor—Wm. Keating, Capitol National Bank Bldg., Sacramento.
Heating and Electrical Work awarded to Latourrette-Fical Co., Sacramento.
Plumbing to Hateley and Hateley, Mitau Bldg., Sacramento.
Plastering to Thos. Scollan, 2919 T St., Sacramento.
Composition roofing to Johns-Manville Co., 500 Post St., San Francisco.
Reinforcing steel to Badt-Falk Co., 44 New Montgomery St., San Francisco.
Painting to J. V. Cooney, Sacramento.
Tile to H. O. Adams, 915 26th St., Sacramento.
Mr. Keating's contract includes all work except the lighting fixtures and finish hardware.

Sub-Contracts Awarded.
HIGH SCHOOL Cost, $375,000
SANTA ROSA, Sonoma Co., Cal.
Reinforced concrete and brick high school building.
Owner—Santa Rosa High School Dist.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor — Hannah Bros., 142 Sansome St., San Francisco.
Brick work awarded to N. Larsen & Son, Monadnock Bldg.
Glass to Tyre Bros., 668 Townsend St.
Tile to Rigney Tile Co., 180 Jessie St.

Plans Being Prepared.
SCHOOL Cost, $65,000
SACRAMENTO, Sacto. Co., Cal., 9th and F Streets.
Two-story brick grammar school with auditorium.
Owner — Roman Catholic Archbishop (Father Thos. Horgan).
Architect—Dean & Dean, City Library Bldg., Sacramento.

Ready For Figures In Ten Days.
SCHOOL Cost, $200,000
SAN RAFAEL, Marin Co., Cal.
One-story reinforced concrete high school with flat roof (25 rooms and auditorium).
Owner—San Rafael School District.
Architect — Shea & Shea, Chronicle Bldg., San Francisco.
Plans are being prepared by the same architects for two grammar schools to cost approx. $100,000 each.

LOS ANGELES, Cal. — Architects John and Donald B. Parkinson, 420 Title Insurance Bldg., have prepared plans for a three-story and basement science building to be erected on University Ave. S of Jefferson St. for the University of Southern California. Brick construction, selected common brick exterior, clay tile roofing, pine trim, maple floors, structural steel, cast stone trim, steam heating, gas boiler. Cost, $175,000.

McGILL, Nevada—Until March 20, 3 p. m., bids will be rec. by Lloyd E. Ginter, clerk, Board of Education, to erect McGill School No. 2. Walter Inwood, architect, care N. C. C. Co., McGill, Nevada. Cert. check 5% req. with each bid. Plans obtainable from architect.

FAIRFIELD, Solano Co., Cal.—Until March 8, 2:30 p. m., bids will be rec. by Frank W. Larson, clerk, Willow Spring School District to erect one room frame school. W. A. Jones, architect, 403 Alameda St., Vallejo. Deposit of $5 req. for plans, obtainable from architect.

LONG BEACH, L. A. Co., Cal.—Architects W. Horace Austin, 521 Pac. S. W. Bldg., Long Beach and John C. Austin, Detwiler Bldg., L. A., assoc., have been commissioned to prepare plans for a senior high school bldg. to be erected in the district east of Termino St. and south of Anaheim Rd., Long Beach, for the Long Beach board of education. Cost, including 15 to 20 acres of land, bldgs. and equipment, $1,150,000.

LONG BEACH, L. A. Co., Cal.—Architects Davies & Baume, 1010 Farmers & Merchants Bank Bldg., Long Beach, and Richard M. Bates, L. A., assoc., have been commissioned to prepare plans for a junior high school bldg. to be erected in the northside district, Long Beach, for the Long Beach board of education. Cost, including land bldgs. and equipment, $700,000.

ANAHEIM, Orange Co., Cal.—Work has started on the new 1-story brick school bldg., 166x131 ft., being erected at the Lincoln school site on East Centre St. Work is being done by the day under the supervision of Walter Hansen, who supervised the construction of the Intermediate school last year. The plans were prepared by the board members and the dist. supt., and in this way the archt.'s commission eliminated. Drafting work by Wilbert Bonney, Anaheim high school graduate. Est. cost $80,000. The bldg. will have 12 classrooms, office, rest room, corridors, toilets, two basements, tapestry brick exter. faving, red tile rf., maple fls.

SAN LUIS OBISPO, San Luis Obispo Co., Cal.—Until March 14, bids will be rec. by board of education of the San Luis Obispo school dist. for constructing a 1-story masonry and frame 2-rm. addition to the present Hawthorne school; also for constructing a 2-story masonry and frame 2-room addition to the present Fremont school. Plans and spec. prepared by Orville L. Clark, architect, 517 C. C. Chapman bldg., Los Angeles. A general bid, exclusive of heating, is desired on each bldg. Cert. check 10%. Ruth Merritt, clerk.

KERMAN, Fresno Co., Cal. — Until March 12, 8 p. m., bids will be rec. by M. S. Meeker, clerk, Kerman Union High School District, to erect shop and garage building at high school. Anton Johnson, architect, Kingsburg. Cert. check 10% payable to clerk req. Plans obtainable from architect on deposit of $20, returnable. **See call for bids under official proposal section in this issue.**

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LONG BEACH, L. A. Co., Cal.—Archt. H. Alfred Anderson, Palace Theatre Bldg., Long Beach, and Allison & Allison, Hibernian Bldg., L. A., have been commissioned to prepare plans for 24-room grammar school bldg to be erected at Tenth and Orizaba Sts., Long Beach, for the Long Beach board of education. Cost, including equipment, $400,000.

SAWTELLE, L. A. Co., Cal. — Salih Bros., Detwiler Bldg., were low bidders at $245,451 on the general contract for erecting new bldgs. at Sawtelle high school site. Low bidders on other contracts were: Dauch Heating & Engineering Co. on plumbing at $23,500; Emerson & Keeler on heating at $28,497; R. Rasmussen on heating at $6640; and American Electric Construction Co. on wiring at $13,300. Russell and Alpaugh, Story Bldg., archts. The bids were: General contract—Salih Bros., (a) all bldgs., $245,451; (b) omit manual training and domestic science bldg. $204,591; (c) omit manual training and domestic science bldg. and terminate auditorium at first fl. line, $157,630; Anton Johnson, (a) $264,372; (b) $216,526; (c) $189,638; North Pacific Constr. Co. (a) $265,281; (b) $220,307; (c) $177,658; J. F. Kobler, (a) $268,335; (b) $222,000; (c) $172,604; R. H. Whinery, (a) $268,700; (b) $222,700; (c) $174,500; John I. Kane Co., (a) $270,850; (b) $224,985; (c) $175,890; J. C. Bannister, (a) $276,510; (b) $232,300; (c) $187,870; Macdonald & Driver, (a) $286,306; (b) $238,107; (c) $171,543; John B. Dawson, (a) $309,800; (b) $257,000; (c) $207,760; J. A. Hill Construction Co., (a) $321,000; (b) $265,000; (c) $215,000. Plumbing—Dauch Heating & Eng. Co., (a) $23,500; (b) $18,600; (c) $17,100; Ashworth & Gallop, (a) $26,159; (b) $21,159; (c) $19,759; G. C. Sutton, (a) $34,000; (b) $27,400; (c) $26,200. Heating—Emerson & Keeler, (a) $28,467; (b) $23,419; (c) $20,919; Frank Davidson, (a) $29,550; (b) $25,064; (c) $22,495; Dauch Heating & Eng. Co., (a) $29,779; (c) $24,779; (c) $22,579; E P. Nittinger, (a) $33,010; (b) $27,968; (c) $25,717. Painting—R. Rasmussen, (a) $6640; (b) $5740; (c) $4640; H. H. Mann (a) $6873; (b) $5740; (c) $5324; R. E. Swan, (a) $6940; (b) $5745; (c) $4490; R. P. Tuttle & Co., (a) $6995; (b) $5916; (c) $4386; Paul B. Johnston & Co., (a) $7050; (b) $5770; (c) $5465; Arenz-Warren Co., (a) $7654; (b) $6754; (c) $5954; E. Drawbaugh, (a) $8145; (b) $7000; (c) $6200; Parker-Judge Co., (a) $8962; (b) $7227; (c) $6927; E. A. Lindgreen, (a) $9039; (b) $7639; (c) $6199. Wiring—American Electric Construction Co., (a) $13,300; (b) $11,610; (c) $8943; Newbery Electric Corp. (a) $14,158; (b) $12,269; (c) $9360; Graham El. Co., (a) $14,236; (b) $12,256; (c) $8938; Electric Lighting & Supply Co., (a) $14,238; (b) $12,100; (c) $11,067; H. H. Walker, (a) $14,827; (b) $12,594; (c) $8657; Peerless Electric Co., (a) $14,896 (b) $12,543; (c) $8808.

MONTEBELLO, L. A. Co., Cal.—Architects Jeffery & Schaefer, 1104 Kerckhoff Bldg., are preparing plans for an elementary school bldg. to be erected at the Wintergarden school site, Montebello, for the Montebello school board; it will contain 10 classrooms and auditorium to seat 300. Brick walls, 1-story, tile rf., maple fls., gas rads., terra cotta trim; $80,000.

LOS ANGELES, Cal.—Anton Johnson Co., 1007 S. Grand Ave., was awarded the general contract at $57,890 for erecting new school bldg. at Brooklyn Ave. school site. Other contracts were awarded as follows: Plumbing to Johnson Plumbing & Heating Co. at $4199; heating to Munger & Munger, Pasadena, at $3620; painting to H. H. Mann at $1392; and wiring to American Electric Construction Co. at $1169.60.

PACIFIC WAX-DYE CO.
Manufacturers of Specialties
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2886 16th St. San Francisco

SOUTH PASADENA, L. A. Co., Cal.—Until 7 p. m., March 12, bids will be received by trustees of South Pasadena school district for erecting a brick school bldg. at Raymond school site, Hudson & Munsell, 447 Douglas Bldg., archts. It will contain an auditorium, six classrooms and offices; brick construction, plas. exter., clay tile rfg., pine trim; $60,000.

SANTA MONICA, Los Angeles Co., Cal.—Architects Allison & Allison, 1405 Hibernian Bldg., have been commissioned to prepare plans for additional high school buildings at Santa Monica. Work will include additions to the main high school to cost $150,000 and additional buildings at John Adams junior high school to cost $100,000.

SALEM, Ore. — Bids will be asked about March 15 by Junior High School trustees to erect 2-story concrete, 34-classroom and auditorium school, T-shape 61x342x60x114 ft. Will have stucco finish; tile roof; est. cost $225,000. Knighton & Howell, architects, United States Bank Bldg., Portland.

SAN DIEGO, San Diego Co., Cal. — Board of education has decided to complete the La Jolla high school on the basis of $100,000 instead of $50,000 as previously announced. Survey of the requirements showed that a larger bldg. was needed. W. Templeton Johnson, 502 Timken Bldg., San Diego, architect.

Contractors, Builders, Engineers, You Can Now Protect Your Checks right on the job if you have a
"Security CHECK PROTECTOR FOUNTAIN PEN"
The Steel Cutting Wheel on the end perforates and forces a red acid proof ink into the fibre of the paper, protecting the amount, payee's name date, number of check, and all kinds of negotiable papers
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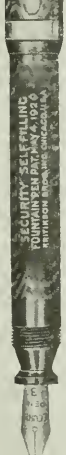
253 MONTGOMERY STREET
San Francisco, Calif.



SAN BERNARDINO, San Bernardino Co., Cal.—Board of education has decided to call for bids early in March for constructing the new $300,000 junior high school bldg.; the date yet to be named. The proposed bldg., for which plans are being prepared by Architect Howard E. Jones, 405 Katz Bldg., will be 2-story L-shaped, containing 42 rooms. C. R. Holbrook, city supt. of schools.

FT. THOMAS, Ariz.—Archts. Lescher & Mahoney, Bank of Arizona Bldg., Phoenix, are preparing preliminary plans for a class B high school bldg. to be erected at Ft. Thomas for the union high school dist. Est. cost, $50,000. Bldg. will be 1-sto., contain 8 rms. and auditorium; brick with plas. extr., comp. and tile rf; maple fls; steam heating.

FRESNO, Fresno Co., Cal.—Until Mar 10, 8 p. m., bids will be rec. by J. A. Poytress, clerk, Washington Union High School District, to fur. and install stage fittings and lamps and lamp fixtures in school auditorium. Cert. check 10% req. with each bid. Coates and Travers, architects, Rowell Bldg., Fresno. **See call for bids under official proposal section in this issue.**

CORDELIA, Solano Co., Cal.—Until March 8, 8:00 p. m. bids will be rec. by Fred J. Klusman, clerk, Green Valley School District to erect new school. W. A. Jones, architect, 403 Alameda St., Vallejo. Cert. check 10% payable to clerk req. Plans obtainable from architect on deposit of $5, returnable.

LOS ANGELES, Cal.—J. F. Kobler, 507 N Serrano St., was awarded the general contract at $72,154, using concrete joists, for erecting new addition at Raymond Ave. school site; Albert C. Martin, 227 Higgins Bldg., archt. Other contracts were awarded as follows: Plumbing to Ashworth & Gallop at $2960; heating to Frank Davidson at $4694; painting to Paul B. Johnston at $1060; and wiring to H. H. Walker at $1078.

COVINA, L. A. Co., Cal. — Archts. Train & Williams, 226 Western Mutual Life Bldg., have completed plans for a new science bldg., and for alterations and additions to the auditorium bldg. at Covina high school. The science bldg will be 2-story and high basement, 156 by 66 ft., 15 rooms, cafeteria, etc.; reinforced concrete constr., cast stone and stucco exter., comp. rfg., wood fls., reing. conc. stairways and corridor fls., pine trim; $150,000. The addition to the auditorium will be 55x73 ft., increasing seating capacity to 1000.

PALO ALTO, Santa Clara Co., Cal.—The Board of Trustees of the Palo Alto Union High School District have awarded contracts as follows for installing and furnishing light fixtures and gymnasium equipment for the high school. Birge M. Clark, 600 Embarcadero Road, Palo Alto, is the architect.

Special lighting fixtures for the auditorium awarded to Thos. Day Co. of San Francisco, other fixtures were awarded to the Stanford Electric Co. of Palo Alto and the gymnasium equipment to Weber Co. of San Francisco.

SAN FRANCISCO—F. W. Wentworth Co., at $762.32 awarded contract by Board of Public Works to fur. and install auditorium gallery chairs in Pacific Heights school.

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LOS ANGELES, Cal.—The architectural department of the board of education has completed plans for a new school bldg. to be erected on Virginia Road between 29th and 30th Sts. Twelve classrooms, brick construction, tile and comp rfg., pine trim; $84,000. The board of education will advertise for bids shortly.

LOS ANGELES, Cal.—North Pacific Construction Co., 1302 Detwiler Bldg., was awarded the general contract at $74,421 for erecting new bldg at Ford St. school site. Contract was awarded on their bid of $75,156 for three-story bldg. with a deduction of $800 for straight slab concrete floor constuction and an addition of $65 for change in reinf. concr. floor construction for boys' lavatory. Other contracts were awarded as follows: Plumbing to Dauch Heating & Eng. Co., at $5209; heating to Dauch Heating & Eng. Co. at $6469; painting to Paul B. Johnston at $1792; and wiring to Graham Electric Co. at $2724. Noerenberg & Johnson, L. A. Ry. Bldg., archts.

BANKS, STORES & OFFICES

To be Done by Day's Work.
ALTERATIONS Cost, $6,000
ANTIOCH, Contra Costa Co., Cal. Belshaw Building.
Remodel (two stores in building (Kawner fronts, tile, etc.)
Owner—Masonic Hall Ass'n.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

Working Drawings Being Prepared.
OFFICE ETC. Cost, $—
SAN FRANCISCO, Harrison, Steuart & Spear Sts.
Five-story reinforced concrete office, factory and warehouse bldg. with roof garden.
Owner—Hills Bros.
Architect—Geo. Wm. Kelham, Sharon Bldg., San Francisco.
Mgr. of Constr.—P. J. Walker Co., Sharon Bldg., San Francisco.

Figures To Be Taken Next Week.
STORES Cost, $12,000
SAN FRANCISCO, Jones St., near Golden Gate Ave.
One-story and basement reinforced concrete (2) stores.
Owner—Louis R. Lurie.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.

Sub-Contracts Awarded.
ADDITION Cost, $103,000
OAKLAND, N 15th St. 150 W Clay.
Four-story concrete store addition (furniture store).
Owner—A. E. Corder, 350 Lenox Ave., Oakland.
Lessee—John Breuner Co.
Architect—Reed & Corlett, Oakland Bk Bldg., Oakland.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.
Sheet metal work to East Bay Sheet Metal Works, 223 Broadway, Oakland, $1652.
Plumbing to Oscar L. Zeis, 787 22nd St., Oakland, $1229.
Heating to Scott Co., Inc., 381 11th St., Oakland $2280.

Plans Completed.
OFFICE BLDG. Cost, $10,000
PITTSBURG, Contra Costa Co., Cal.
One-story frame and stucco office building.
Owner—C. A. Hooper & Co., Pittsburg.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

Figures to be Taken Next Week.
DEPARTMENT STORE. Cost, $40,000
RICHMOND, Contra Costa Co., Cal.
Two-story and mezzanine reinforced concrete and brick department store.
Owner—J. Albert.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

Plans Being Prepared.
AUTO BLDG. Cost, $600,000 or more
SAN FRANCISCO, ½ block bdd. by Market, Mission, 11th and 12th Sts.
One and 2-story reinforced concrete & steel auto sales and service bldg.
Owner—White Motor Co. of Cleveland.
Engineer—Engineering Dept. of Owner

Contract Awarded.
ALTERATIONS Cost, $50,000
SAN JOSE, Santa Clara Co., Cal., 1st and Fountain Sts.
Alterations.
Owner—M. Blum & Co., 18 S 1st St., San Jose.
Architect—Herman Krause, Bk of San Jose Bldg., San Jose.
Contractor—H. A. Bridges, Pine and Lincoln Sts., San Jose.

Commissioned To Prepare Plans.
BANK ETC. $1,000,000 approx.
OAKLAND, Alameda Co., Cal., Broadway and 14th St.
Class A Bank and office bldg. (height not decided).
Owner—Central National Bank.
Architect—Geo. Wm. Kelham, Sharon Bldg., San Francisco.

REMODEL Cost, $5000
SACRAMENTO, Cal., 714 K St.
Remodelling rear of store for hair dressing establishment.
Architect—Fred'k S. Harrison, Peoples Bank Bldg., Sacramento.
Contractor — Wm. Murcell, Ochsner Bldg., Sacramento.

LOS ANGELES, Cal.—Archts. Curlett & Beelman, 408 Union Bank Bldg., have been commissioned to prepare plans for a 12-sto. and basement class A store and office building to be erected at s. w. cor. of 7th and Flower Sts. for Sun Realty Co. Dimensions, 157x107 ft., with main entrance on 7th St. and side entrance from Flower St.; 13 stores in first story, 30 offices on each of the upper floors; steel frame construction, terra cotta facing, plate glass, marble and tile work, mahogany interior trim, steam heating, 5 elevators and freight elevator to basement; steel sash; $1,350,000.

SAN FRANCISCO, Cal.—Architect Chas. F. Plummer, 1108 Story Bldg., has been commissioned to prepare plans for the remodeling and altering of cafeteria at 1950 Market St., San Francisco, for Boos Bros. The work will include new kitchen and kitchen equipment, new tile, marble and hardwood floors, 50x170 feet, electric wiring, plastering painting and decorating, plumbing, etc. Cost, $75,000.

SANTA ROSA, Sonoma Co., Cal. — Santa Rosa Coffee Club has purchased site in Mendocino Ave. and is having plans prepared for a two-story reinforced concrete store and club building. The lower floor will be divided into stores and the upper portion exclusively for a gymnasium. Site is 47½ by 145 feet.

MARSHFIELD, Ore.—L. W. Metzger Portland, at approx. $150,000, awarded contract to erect five-story 100 by 100 ft. concrete store and office building to be erected for Coos Bay Building Corp., of which Chas. Hall is president. Kiser and Schmidler, of Roseburg, Ore. have plumbing and heating contracts. Second and third floors will be occupied by Coos and Curry Telephone Co. Lee Thomas, architect, U. S. Bank Bldg. Portland.

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BLYTHE, Imperial Co., Cal. — A. G. Humphrey has been awarded the contract to erect a brick store bldg., 50 by 75 ft., on North Main St., adjoining the Wah Chun store. There will be an arcade conforming to the other arcades on the street. The owner is George Farrage, of M. Farrage & Bros., Jerome, Ariz. Work is to start immediately.

PASADENA, Cal. — See "Theatres," this issue.

LONG BEACH, Los Angeles Co., Cal. —Architects Curlett & Beelman, 408 Union Bank Bldg., are completing plans for the 13-story bank and office building to be erected at First St. and Pine Ave., Long Beach, for the Security Trust & Savings Bank. It will be 75x150 feet, banking rooms in first two stories and 26 offices on each of the other floors. Bids on general and subcontracts will be taken shortly. Contracts have already been let for structural steel, terra cotta and granite work. The building will cost $1,000,000.

THEATRES

PASADENA, L. A. Co., Cal. — L. A. Smith, Lilly-Fletcher Bldg., 3rd St. and Western Ave., L. A., is preparing plans for a $500,000 class A 2-story theater, store and office bldg. to be erected on the n.w. cor. Catalina and Colorado Sts., Pasadena, for Bard, Kellows & Bershon, Inc. Found., 110x227 ft., 2500-seat theater, 9 stores, 14 offices. Egyptian architecture.

PORTLAND, Ore.—Archt. Edward A. Miller, Henry Bldg., preparing plans for concrete and tile motion picture to be erected in Union Ave. near Russell St. for W. A. Graeper, owner of the Union Ave. Theatre. Will be 45 by 125 ft. seating approx. 1200; est. cost $125,000.

WHARVES AND DOCKS

LOS ANGELES, Cal.—Until 2:30 p. m., March 14, bids will be rec. by harbor comm., 312 Byrne Bldg., for conc. piles under spec. No. 586. Guy W. Wade secretary.

LOS ANGELES, Cal.—Lynch Constr. Co., 1117 Central Bldg., awarded cont. to erect transit shed costing $64,300 at Berth 57, Pier 1, San Pedro, for the L. A. Harbor Commission.

LOS ANGELES, Cal. — L. A. Harbor dept. appropriates $198,000 to constr. steel transit shed for berths 177 and 178 at Mormon Island, across the channel from the Pac. Mail Steamship Co's wharf. Sheds will be of Modern type, conc. fls., steel frame, with creosoted piling foundation.

LOS ANGELES, Cal. — Hammond Lumber Co., 2010 S Alameda St., awarded cont. by harbor dept. at $64,295.63 for heavy timber and decking lumber for completing pier at Berth 230 ,Terminal Island.

VENTURA, Cal.—Petition of Charles Simpson for permit to const. pleasure pier at the foot of California St. has been refused by the city trustees. The trustees have in mind the improvement of the boulevard with a municipal pier having such amusements as can be governed by the city.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Prepared.
MORTUARY Cost, $20,000
PALO ALTO, Santa Clara Co., Cal. SW Cowper St. and University Ave.
Two-story concrete and hollow tile mortuary.
Owner—Roller & Hapgood, Palo Alto, Calif.
Architect—John K. Branner, 251 Kearny St., S. F.

Plans Being Figured—Bids Close Mar. 17 1924, 11 A. M.
NURSES' HOME Cost, $25,000
MARTINEZ, Contra Costa Co., Cal. Adj. County Hospital.
Two-story hollow tile nurses' home building.
Owner—Contra Costa County.
Architect—Jas. T. Narbett, 310 Macdonald Ave., Richmond.
Bids are being taken for a general contract with separate bids for the heating system.
Plans for the building may be obtained from the architect on a deposit of $20, and the heating plans from Leland & Haley, 58 Sutter St., San Francisco.

Bids to be Taken in a Few Days.
TERMINAL BLDG. Cost, $65,000
SACRAMENTO, 11th, 12th, H & I Sts.
Two-story brick class C R.R. Terminal bldg. (brick exterior, marble and tile work).
Owner—Bisbee Inv Co.
Architect — Woollett & Lamb, Hagelstein Bldg., Sacramento.
Plans will be on file in the office of the Larsen Advance Construction Reports about March 1st.

LOS ANGELES, Cal.— L. A. Speedway Assn., Chapman Bldg., has purchased a 200-acre site at Arcadia and will construct a one and one-half mile board bowl track for automobile racing. It will be designed by John F. Prince and work will be started July 1. Cost, $500,000.

CHINO, San Bernardino Co., Cal. — Knights of Pythias are organizing a campaign to raise $260,000 for a home for children and aged members of the order, to be erected near Chino.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from the Domestic and Foreign Trade Department of the Chamber of Commerce, Merchants Exchange Bldg., San Francisco:

7908—Auckland, New Zealand. Manufacturers' agents desire to represent San Francisco manufacturers in that part of New Zealand. Correspondence is desired with direct producers only.

7911 — Vicksniai, Mazeikus, Lithuania. Merchant desires to quote prices on bristles, suitable for brush manufacture, to San Francisco importers.

7915—San Francisco, Cal. Gentleman possessing ten years export experience in South America, Argentina, Chile, Brazil and Uruguay desires to make connection with lumber export concern. Highest references.

7916—San Francisco, Cal. Manufacturers or producers who desire to enter the French market are requested to communicate with San Francisco business man returning to France, who will take exclusive agencies with him. He possesses wide foreign trade experience, thorough knowledge of French language and business methods. Excellent local references.

7917—San Francisco, Cal. Gentleman, well known by Australian business firms, leaves this month for Australia. Desires to introduce goods for San Francisco firms in the Antipodes.

7918—San Francisco, Cal. Former director of large British trading house in India desires to act as agent in that country for San Francisco manufacturers of hardware, sanitary supplies, paints, automobiles, etc.

D-1087—Kokomo, Indiana. Firm interested in communicating with lady who would be interested in a business connection of splendid remuneration to act as representative in vicinity of San Francisco.

D-1088 — Boston, Mass. Concern wants man now selling a few lines of auto accessories (other than socket wrench sets) direct to the automobile trade to represent their line.

D-1090—New York. Concern wants to place agency of one of the largest Swedish steel enterprise with a first-class steel concern.

D-1092—Los Angeles, Calif. Wanted mining equipment: One of the best mining companies in Arizona is in the market for equipment to start operations with a reduction plant, etc.; will go to $50,000 on the right deal; will handle equipment from a shut down mine, or will listen to any reasonable proposition; will qualify at the bank when the opportune time arrives. Give fullest data on your layout or do not answer.

D-1093—Milwaukee, Wisconsin. Established concern manufacturing automatic traffic control signals in use in Chicago, Milwaukee, Minneapolis, St. Paul, St. Louis, Indianapolis, and many smaller cities wants to make connections with reputable agent for California territory.

7919—San Francisco, California. Firm with $25,000 to invest, desires to purchase a whole or part interest in an established San Francisco import and export business. Responses should be written.

7923—Baltimore, Md. Foreign trade firm in Baltimore desires to act as Eastern representative of established San Francisco importers and exporters. Is willing to operate as sales agent straight purchasing agent, and freight forwarder on straight commission basis. Banking and business references are offered and correspondence invited.

7924—Elberfield, Germany. Two German business men, about to come to California, desire to invest their capital in a growing business in San Francisco and invite correspondence.

7928—Hamburg, Germany. Exporter of automobile accessories and motor supplies desires to communicate with San Francisco dealers, presumably to quote prices and establish business.

7930—San Francisco, Cal. Correspondent of large Belgian cement manufacturer wishes to get in touch with users of large quantities to quote C. & F. prices. This cement is equal to BSS and American qualities.

7931—Elberfeld, Germany. Manufacturers of metal hoops, door and furniture locks, padlocks, bicycle accessories, hinges, hammers, axes, files and solingen steel cutlery, desires to quote prices to San Francisco importers. Claims to be able to make prompt shipments.

7937—Gmund, Wurttenberg, Germany. Manufacturers of coco mats and stair carpets of coir and jute, desires to appoint a San Francisco firm as agent on the Pacific Coast. Small sample on file.

7938—Woodburn, Nova Scotia, Canada. Manufacturers of grindstones of all sizes, who are selling successfully throughout Eastern United States, desire to enter the Pacific Coast market and appoint importers in San Francisco to represent them.

7942—Algeria. Exporters of kieselguhr which is used in the manufacture of insulation, explosives, metal polishes and oil filters, desire to quote prices to interested San Francisco importers.

7946—London, England. Firm, well recommended, desires to act as buying agent for large Pacific Coast houses. It claims to be particularly well equipped with thorough knowledge of market conditions in the United Kingdom and the ability to buy at lowest figures for San Francisco firms.

7947—Gothenburg, Sweden. Swedish manufacturers of crude oil engines desire to appoint a special sales representative on the Pacific Coast. He must be familiar with the Diesel type of engine and be well known among shipping concerns. This is said to be an exceptional opportunity for the properly equipped person or firm.

7948—San Francisco, Calif. Gentleman, leaving next April for Germany, will accept a limited number of lines of California products. He knows food products thoroughly and presents excellent references from local concerns with which he has been working many years. Commission basis might be satisfactory.

7951—San Francisco, Calif. Gentleman, 31 years of age, with thirteen years experience in China, seeks position with firm dealing in hardware. Complete knowledge of bookkeeping. Excellent reference. Salary secondary consideration.

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Leads for Business

REED AND RATTAN WORKS—Q. D. Wicker & Rattan Works, 3416 22nd to 3583 Mission.
RESTAURANT — Allen Rodway, 2385 Folsom.
TEXTILE—Granada Knit Mills (Meyerfeld), 125 Stockton to 130 Sutter.
MISCELLANEOUS—H. A. Goudea, 461 Market.
A. Bagley, 124 Ellis.
Visayan General Supply Co., 1 Montgomery.
W. P. Charlton, Marvin Bldg. to Exchange Blk.

LEASES—Feb. 1, 1924—Louis and Goldie D March to W G Thurstman—Crystal Court Apts 1145 Pine St 7 yrs $63,000.
Feb. 16, 24—Edward Rolkin to F W Moore—SW cor 6th and Howard 125 in 6th St and Howard 125 on 6th St x 70 on Howard 7 yrs $84,000.
Feb. 21, 24—National Radio Company to Carl W Johnson and Eric Wilson —W ½ bldg at Folsom, Shotwell & 20th 7 yrs $23,100.
Jan 10, 24—Jeanette Roth to S Lalanne and H Bolla—269 O'Farrell St 5 yrs $40,320.
Assigned Sept. 30, 22 to Mrs Cecile Nash value recd.
Feb. 20 24—Jeanette Roth to Justin Tieulie and Ruth Abbott—S O'Farrell 80 E Mason E 57-6 x S 87-8 5 yrs $45,000.
Jan. 29, 24—Henry and Alice Kahn and Samuel Hamburger Inc to United Stores Stores Realty Corporation—SW O'Farrell & Powell 23-1½ x 137-6 June 30, 32 $2200 mo etc.
And all int in lease 219-229 O'Farrell
ASSIGNMENT OF LEASE—Feb 1, 22—M Lafont, E Chouinard and C Chouinard to Ora McKeown— — o r — Hotel Burbank 670 Eddy St.

ATTORNEYS—Lemuel Sanderson, 465 Caliornia.
R. E. Thompson, 1 Montgomery.
Robt. Whitson, Chancery Bldg.
Alvin Gerlack, 785 Market to Balfour Building.
AUTOMOTIVE — Bragg Auto Repair Shop, 1019 Clement.
Champion Spark Plug Co., 75 Fremont.
Franklin Motor Car Agency 1414 to 1101 Van Ness Ave.
Gammel Auto Repair Shop, 957 Capp.
Nuvac Muffler Co., 2034 Van Ness Avenue.
Oakland Motor Car Co., 1946 to 1625 Van Ness Avenoe.
Wells & O'Neil (shop), 3951 Geary.
BARBERS—Klein's Barber Shop, 3341 Mission.
Gilbert Smith, 215 Market.

BEAUTY PARLORS — Frances Lohrman, 465 Geary.
BROKERS—R. M. and J. G. Levison (insurance), 310 Sansome.
E. L. Dawson & Co., Dollar Bldg. to Marine Bldg.
CANDY—Nellie Huber (was Smith's Candy Shop), 149 Noe.
CEMENT—J. W. Collins, 315 Berry.
CHINESE MDSE—Chin Mong & Co. 752 Jackson.
CHIROPODISTS—Dr. N. Crutchett, 883 Market to 930 Clement.
CIGARS—C. J. Doud, 501 Van Ness Ave.
CLEANING AND DYEING—E. F. Berton, 4134 Geary.
R & S Cleaners, 545 Valencia
CLOAKS AND SUITS—Meyer Cloak & Suit Co. (Mr. Meyerfeidl), 125 Stockton to 130 Sutter.
CLOTHING—Midel Coat Mfg. Co., 2812 Mission.
COLLECTION AGENCIES—Home Collection Service, 806 Commercial Blk.
CONTRACTORS — Buschke & Brown, 185 Stevenson to Atlas Blk.
DECORATORS — Belle Taylor, 1534 California.
DENTISTS—Dr. C. R. Flagg (Butler Bldg.), 4356 Mission.
DRAYAGE—E. Z. Express, 1799 Mission.
DRUGS—Seid's, 402 Ellis.
ELECTRICAL — Home Electrical Co., (M. L. Scobey), 301 Mason to 378 O'Farrell.
Universal Service Station (Landers Frary & Clark), 74 New Montgomery to 165 Jessie.
ENGINEERS — Geo. Hampton (civil), 582 Market.
C. P. Grimwood (consulting), 220 Montgomery.
FINANCIAL LISTING—C. E. Robertson 464 Phelan Bldg.
FRUIT—Quality Fruit Market, 1014 Clement.
FUEL—American Block Coal Co., Exchange Blk.
FURNITURE — Bell Chesterfield Bed Co., 278 Post.
L. C. Sloane, Furn. Exchange Bldg. to 137 New Montgomery.
GOWNS—Celeste, 133 Geary.
GROCERS—Woodall's 2554 Balboa.
Michael Maganaris, 1611 Scott to 2010 Fillmore.
O. Bennett, 1751 Lake.
S. Giuffre, 4124 18th.
HAIR DRESSING—Nan Rey, 830 Market
HOSIERY — J. N. Clark, Bankers Investment Building.
IMPORTERS—Macondray & Co., Royal Ins. Bldg. to 212 California.
Central American Coffee Estate Co. (Downey) 214 Front.

IMPORTERS—Lang & Stroh Co. and Crescent Mfg. Co., 219 Drumm to 200 Davis.
INSURANCE—J. P. Hughes, 628 Montgomery to 234 Sansome.
H. J. Goodman, Mills Bldg. to 220 Sansome.
Great Lakes Insurance Co., Clunie Building.
INVESTMENTS — H. S. Boone & Co. (Mr. Boone), 315 Montgomery.
IRON AND STEEL — Edgewater Steel Co., Rep. by Hickok & Hickok, 605 Market to 489 Bryant.
Jewelers — Guss Farber, 626 Phelan Bldg.
KNIT GOODS — Granada Knit Mills (Meyerfeld), 125 Stockton to 130 Sutter.
LADIES APPAREL—S. Rosenthal (underwear) 518 Market to 88 1st.
LUMBER — Talbot Lumber Co., 112 Market.
American Plywood Co. (Mr. Rosenthal) Hearst Bldg.
MACHINE WORKS — Progress Repair Shop, 314 11th.
MFRS. AGENTS—Ben Holst, 180 to 116 New Montgomery.
McGee Sales Agency, 75 Fremont.
MASSAGE—Mrs. A. B. Roache, 533 Sutter.
MATTRESSES—Presidio Mattress Co., 1971 Union.
NOVELTIES — Novelty Palace (E. D. Alvarez), 235 Clement.
OPTOMETRISTS — S.A. Goldberg (251 Post), 750 Clement.
Dr. V. C. Quartararo, 253 Columbus Ave. to 209 Post.
R. A. Gamble, 3224 22nd.
ORIENTAL ART GOODS—Fukui Trading Co. (510 Battery), 1709 Polk.
PAVING—Federal Paving Co. 225 Bush
PHYSICIANS—Dr. O. S. Kucich (2570 Bush), 870 Market.
Dr. H. T. Crabtree, 240 Stockton to 350 Post.
PICKLES—Cabbe Co., 358 11th.
POLISHES—Liquid Sunshine Co. (metal), 233 2nd.
PRINTING—Mr. Longshore, 212 Pantages Bldg.
Morris Rubin, 406 11th Ave.
RADIO—New business 136 Montgomery soon.
E. L. Doherty, 82 Sutter.
RAZOR STROPS—Villa Moset Inc, Delger Bldg.
REAL ESTATE — J. W. Byrnes, 110 Sutter to 105 Montgomery.
Jos. E. Rucker Jr., 620 Market to 155 Montgomery.
Porter & Marchisio, 105 Montgomery
H. B. Fedderson, (105 Montgomery), branch 923 Irving.
REED AND RATTAN WORKS—C. D. Wicker & Rattan Works, 3416 22nd to 3583 Mission.

Official Proposals

BIDS WANTED FOR HOSPITAL BUILDING

NOTICE TO CONTRACTORS

Pursuant to an Order of the Board of Supervisors of Nevada County, State of California, made on the fourth day of February, 1924, Notice is hereby given that sealed Bids will be received until **2 o'clock P. M. on the third day of March, 1924,** by the Board of Supervisors, County of Nevada, State of California, at the rooms in the County Court House, in the City of Nevada, County of Nevada, State of California, said Bids then and there will be publicly opened and read for furnishing all plant, materials and labor and doing the work required for the construction and erection of the Men's Dormitory and Runway Building for the County Hospital Group at the County Hospital site, Nevada County, State of California, in accordance with the Plans and Specifications therefore, copies of which may be obtained on application to the Architects, William Mooser and William Mooser, Jr., Nevada Bank Building, City of San Francisco, State of California.

Such bids will be received for the work as follows.

Men's Dormitory Runway Building

(1) One (1) proposal for General Work, including Painting, and excluding Heating, Plumbing, and Electrical Works and Mechanical Equipment.

(2) One (1) proposal for Heating, Plumbing and Electrical Works and Mechanical Equipment.

All proposals must be submitted on forms prepared by the Architects which will be furnished Bidders on request by the Architects, Nevada Bank Building, San Francisco.

Cash, a Bidder's Bond, or a Certified check, in the sum of at least, Ten percentum (10 per cent)) of the amount of the bid must accompany each bid, and be payable to the Chairman of the Board of Supervisors of the County of Nevada, State of California, as a guarantee that the Bidder whose proposal is accepted will enter into a contract with the County of Nevada, for the work bid upon, otherwise said cash or Bidder's Bond, or Certified check will be forfeited to the County of Nevada.

A deposit of Fifty Dollars will be required for plans and specifications, the deposit to be returned immediately on the return of Plans and Specifications in good condition to the Clerk of the Board of Supervisors, County Court House at Nevada City, County of Nevada, or to the Architects, Nevada Bank Building, San Francisco, State of California.

RIGHTS RESERVED:

The County of Nevada reserves the following rights:

(a) To reject any or all proposals; (b) to waive any informalities in any proposal; (c) to award this contract to some other than the lowest bidder, as his clause expressly puts the bidder on notice that his financial and business standing and ability properly and expeditiously to carry out work hereunder, or the consideration of desired alternates, makes his proposal more advantageous to the County of Nevada; (d) to accept any alternate or any independent part of any proposal submitted by the successful bidder at the price stated in such proposal for such alternate or separate part of the work, under this provision; (e) to deduct any separate item mentioned in any proposal at the price therein stated therefor; (f) to make any additions to, omissions from, changes in, or substitution for the work or materials or articles called for by the contract, subject to the requirements of the paragraph hereof headed under that particular item and without notice to the sureties on the bond, if any, guaranteeing the performance of the contract.

All bids must be addressed to the County Clerk of Nevada County, Nevada County, Nevada City, California, and have endorsed thereon:

Proposal for Men's Dormitory and Runway Building, Nevada County Hospital, Nevada County, California, and the particular part of work bid upon.

Published by order of Board of Supervisors of Nevada Co., Calif.

R. A. EDDY, Chairman.

GEORGE COUGHLAN, County Clerk and ex Officio Clerk of the Board of Supervisors.

By R. N. McCormack, Deputy.

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section

NOTICE TO CONTRACTORS

(Light Fixtures and Hardware—County of Kern)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Supervisors of the County of Kern, State of California, **up to 10:30 A. M., of March 17, 1924,** as follows:

Item No 1: For furnishing all labor and materials for the installation complete in accordance with the latest rules of the Electrical Department of the National Board of Fire Underwriters, all light fixtures and lamps for the Kern General Hospital Buildings and the Old People's Home Building.

Item No. 2. For furnishing all Finish Hardware for the Old People's Home Building, as per specifications on file in the office of the Clerk of the Board covering both items and open for the inspection of bidders. Copies of said specifications may be had at the office of Charles H. Biggar, Architect, 403 Bank of Italy Bldg., Bakersfield, California, and the work will be done under his supervision.

Bids will be received for one or both items. Each bid must be accompanied by a Cashier's or certified check or Bidder's Bond in the amount of at least ten per cent (10%) of the amount bid, such check or bond to be made payable to the Clerk of the Board of Supervisors and submitted as a guarantee that the bidder, if succesful, will enter into a contract satisfactory to said Board of Supervisors, and in addition thereto will furnish good and sufficient bonds therefor.

The Board reserves the right to reject any and all bids not deemed advantageous to the County and to waive any informality in any bid received.

By Order of the Board of Supervisors of the County of Kern, State of California, adopted February 18, 1924.

F. E. SMITH,
County Clerk and ExOfficio Clerk of the Board of Supervisors.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

NOTICE TO BIDDERS FOR TREES

(City of Merced)

Notice is hereby given, that the Board of Trustees of the City of Merced will up to the hour of **8 o'clock p. m., of Monday, the 3rd day of March, 1924,** at the chambers of said Board, in the City Hall, receive bids for four hundred (400) silverleaf maple trees from four (4) to six (6) feet in height, delivered f. o. b. Merced, for use in the matter of planting on streets north of Santa Fe; said bids should be accompanied with a certified check for ten per cent of the amount bid, payable to the President of the Board of Trustees of said City, conditioned that successful bidder will enter into a contract for the furnishing of the same at the prices named in his bid.

The Board reserves the right to reject any and all bids.

Dated. February 20, 1924.

W. W. CORNELL,
City Clerk.

NOTICE TO CONTRACTORS

(Washington Union High School Dist.)

Pursuant to an order of the board of trustees of the Washington Union High School District, duly passed and entered in its minutes, notice is hereby given that said board will receive sealed proposals for the following items:

1. Furnishing and installing stage fittings in auditorium.
2. Furnishing and installing lamps and lamp fixtures.

General plans and specifications are on file with Coates & Traver, architects. Rowell building, Fresno, Calif.

Bidders on item one must furnish their own specifications on three options as follows. (1) Front curtain, drape, two valances, four wings, rear curtains—all velour; (2) Same (1) except valances and wings to be monks cloth; (3) Same as (1) except all monks cloth but front curtain and drape. Note: Front curtain and drape must be guaranteed sun fast velour.

Bidders on item two may consult detailed specifications on file with the clerk and at the office of the high school.

All bids must be in the hands of J. A. Poytress, clerk of the board, on or before **8 p. m., Monday, March 10, 1924,** at the school office.

All bids must be sealed and the name of the bidder and items bid on must be marked on the outside of the envelope. A certified check in an amount equal to 10% of the total amount of the bid submitted must accompany each proposal. The board reserves the right to reject any or all bids.

Board of Trustees, Washington Union High School District.

J. A. POYTRESS, Clerk.
Route G. Box 61, Fresno, Calif.

NOTICE TO CONTRACTORS

(Steamboat Slough Bridge — Sacramento County)

Sealed bids will be received by the clerk of the board of supervisors of Sacramento County, California, at the office of the said clerk of the board, in the courthouse, Sacramento, California, **up to ten o'clock A. M., April 7, 1924,** for the construction of a highway bridge across Steamboat Slough, at the upper end of Grand Island, Sacramento County, California.

Each bidder must submit a proposal to the clerk of the board of supervisors on standard forms, which may be obtained from the county engineer, said

proposal to be accompanied by a certified check of ten per cent of the amount bid, check to be made payable to the chairman of the board of supervisors of Sacramento County, California.

Plans and specifications are on file in the office of the county engineer and the clerk of the board, to which bidders are hereto referred.

The board of supervisors reserves the right to reject any and all bids received, and waive any informality in the bids received, as the public good may require.

Dated February 20, 1924.

HARRY W. HALL,
Clerk.

By William Hickey, Deputy.

NOTICE TO CONTRACTORS

(Dam Construction—Tacoma, Wash.)

Sealed proposals for performing all the work and furnishing all labor, all material except cement, all supplies, all tools, all equipment and constructing the Cushman Dam and Appurtenant Works, on the North Fork of the Skokomish River in Mason County, Washington, in accordance with the plans and specifications therefor on file in the office of the Commissioner of Light and Water, Tacoma, Washington, will be received at the office of the Commissioner of Light and Water, Room 402 City Hall, Tacoma, Washington, **between the hours of 10:00 o'clock A. M., and 12:00 o'clock M., on the 27th day of March, 1924,** at which time proposals therefor will be publicly opened and read.

Proposals must be on the blank form attached to the specifications and must be accompanied by a check properly certified by a responsible bank for a sum not less than 5 per cent of the amount of the bid, payable to the order of the Commissioner of Light and Water, as a guarantee that if the proposal is accepted, the bidder will, within ten days after its acceptance, enter into a contract with the City in the form attached to the specifications and furnish a satisfactory Surety Company's bond in the form attached to the specifications, in an amount equal to 50 per cent of the full amount of the bid, conditioned as required by law.

Each proposal must be accompanied by affidavit by or on behalf of the bidder to the effect that the proposal was genuine and not sham or collusive or made in the interest of or on behalf of any person not therein named and that the bidder has not directly or indirectly solicited any bidder to put in a sham proposal or any other person or corporation to refrain from bidding, and that the bidder has not in any manner sought by collusion to secure to himself an advantage over other bidders. Any proposal made without such affidavit or in violation hereof shall be absolutely void. (See Section 117, City Charter.) Form of affidavit is attached to the specifications.

Plans and specifications, Proposal, Affidavit, Contract and Bond forms may be inspected at the office of the Commissioner of Light and Water, City Hall, Tacoma, Washington, or at the office of the Chief Engineer, 212 City Hall Annex, Tacoma, Washington, and may be obtained by intending bidders upon deposit of $25.00, which amount will be refunded on the return of the plans and specifications in good condition, if accompanied by a proposal.

The work consists of performing all work, furnishing all tools, all equipment, all labor, all material except cement, all supplies and of constructing the Cushman Dam and Appurtenant Works, on the North Fork of the Skokomish River in Mason County, Washington, in accordance with the plans and specifications therefor on file in the office of the Commissioner of Light and Water, Tacoma, Washington. Work must be commenced within thirty (30) days after signing contract and be completed by September 1, 1925.

A. The dam will be concrete, Constant-Angle Arch Type, 275 feet high, 80 feet long at the base and 800 feet long at the crest. The Appurtenant Works, include gates, valves, tunnels, penstock connections, screens, intake tower and chambers.

B. Estimated quantities are:

Earth Excavation.....	6,755 cu. yds.
Earth Embankment....	7,500 cu. yds.
Concrete	84,000 cu. yds.
Structural Steel.....	63,000 lbs.
Rock Excavation.....	13,000 cu. yds.
Reinforcing Steel.....	280,000 lbs.
Reinforcing Concrete...	360 cu. yds.
Diversion and Power Tunnel Excavation...	14,200 cu. yds.
Concrete Lining.....	2,300 cu. yds.
Furnishing and Setting Valves.	

Prospective bidders are required to visit the site of the proposed work in order to satisfy themselves as to the scope and hazard of the work.

Each bidder must, in his proposal, present evidence satisfactory to the Commissioner that he has been engaged in the construction of works of the general character covered by his proposal, and that he is fully prepared, and has the necessary capital, to begin the work promptly and to conduct it to satisfactory completion as required by the contract, plans and specifications.

The Commissioner reserves the right to reject any or all bids.

C. Payments will be made on monthly or periodic estimates as provided in the plans and specifications, and will be in warrants against a special fund of the Light Department, created by Ordinance No. 8110 of the City of Tacoma.

IRA S. DAVISSON,
Commissioner of Light and Water,
City of Tacoma, Washington.
J. L. STANNARD, Chief Engineer,
Cushman Power Project.

NOTICE TO CONTRACTORS

(Sacramento County — Paintersville Bridge)

Sealed bids will be received by the Clerk of the Board of Supervisors of Sacramento County, California, at the office of the said clerk of the board, in the courthouse, Sacramento, California, **up to 10 o'clock A. M., April 7, 1924,** for the construction of a highway bridge across the Sacramento river, near Paintersville, Sacramento County, California.

Each bidder must submit a proposal to the Clerk of the Board of Supervisors on standard forms, which may be obtained from the county engineer, said proposals to be accompanied by a certified check of ten per cent of the amount bid, check to be made payable to the chairman of the board of supervisors of Sacramento County, Calif.

Plans and specifications are on file in the office of the county engineer and the clerk of the board, to which bidders are hereto referred.

The Board of Supervisors reserves the right to reject any and all bids received, and waive any informality in the bids received, as the public good may require.

HARRY W. HALL,
Clerk.

By William Hickey, Deputy.

NOTICE TO CONTRACTORS

(For the Construction and Installation of a Sewer System and Sewer Pumping Plant, in Certain Districts in the City of Reno, Nevada)

Notice is hereby given that the City Council of the City of Reno, Nevada, invite and will receive sealed bids up to **Seven (7) o'clock, p. m., of Monday, the Tenth (10th) day of March, A. D., 1924,** for the construction of a sewer system in certain districts in the City of Reno, Nevada.

The work to be done consists of the following estimated quantities:

Six (6 in.) inch sewer, one hundred feet (100 ft.), more or less.

Eight inch (8 in.) sewer, nine thousand six hundred eight (9,608 ft.) feet, more or less.

Ten inch (10 in.) sewer, nine hundred eighty-eight (988 ft.) feet, more or less.

Twelve inch (12 in.) sewer, two thousand two hundred twenty (2220 ft.) feet, more or less.

One (1) pumping plant.

Copies of the specifications may be obtained from Harry Chism, City Engineer, upon the deposit of ($10.00) Ten Dollars; said money to be refunded if the specifications are returned within five (5) days after the award of the contract.

Plats and plans may be seen and examined at the office of the City Engineer.

Each bid must be accompanied by a check, payable to the City of Reno, Nevada, certified by a responsible bank, for an amount not less than Ten (10) per cent of the aggregate of the bid.

For further information inquire in writing to the city engineer.

The city council reserves the right to reject any and all bids.

Dated at Reno, Nevada, this 19th day of February, A. D., 1924.

J. B. REESE, City Clerk and Clerk of the City Council of the City of Reno, Nevada.

NOTICE TO CONTRACTORS

(Construction of Silo—County of Santa Clara)

Notice is hereby given that sealed proposals or bids will be received by the Board of Supervisors of Santa Clara County, California, in their rooms in the Court House, in the City of San Jose, up to 11 o'clock a. m., of Monday, March 3, 1924, for specifications of Silo to be delivered and erected at Almshouse, Milpitas.

1 Monro Silo—12-in. dia. by 36-in. elevation, to be built of 2x6 Oregon Pine Silo Stock.

Foundation—Concrete 1 to 6 mixture 1 ft. thick under walls and not less than 4-in. in center.

Anchored with—Cross ¾-in. galvanized cable with anchor rods on four sides.

Feed chute—Complete.

Each bid must be accompanied by a certified check in the sum of 10 per cent of amount bid, drawn upon some reliable bank in favor of Henry A. Pfister, County Clerk, as liquidated damages in case the successful bidder fails to file a satisfactory bond as required by said Board within 10 days for the faithful performance of the conditions of the Contract.

The Board reserves the right to reject any and all bids.

All bids must be addressed to A. L. Hubbard, Chairman of the Board of Supervisors of Santa Clara County, and indorsed "Bids Silo." Said bids will be opened at the time an place above stated.

By order of the Board of Supervisors of Santa Clara County.

Attest: HENRY A. PFISTER, Clerk.
By Eugene M. Don, Deputy Clerk.

BIDS WANTED FOR CONCRETE FLOOR

NOTICE TO CONTRACTORS

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif. Sealed proposals will be received here until 11 A. M., March 8, 1924, for concrete floor in storehouse at Crissy Field, Calif. Information upon application.

NOTICE TO CONTRACTORS AND BIDDERS

(Kerman Union High School, Kerman)

Sealed proposals will be received at the Kerman Union High School, addressed to the clerk of the Board of Trustees, M. S. Meeker, Kerman, Fresno county, California, until 8:00 p. m., Wednesday, March 12, 1924, for general contract for shop and garage building for the Kerman Union High School District, near Kerman, Fresno county, California.

Bids will be opened at the hour mentioned above and publicly announced.

The plans and specifications may be procured at the office of Anton Johnson, architect, Kingsburg, Calif. A deposit of $20.00 will be required as a guarantee of the return of the plans and specifications and said deposit will be refunded to the bidder when the plans and specifications are returned in good condition.

A certified check or bidders' bond payable to M. S. Meeker, clerk of the Board of Trustees, Kerman Union High School District, of not less than ten (10%) per cent of the amount of the proposal must accompany each bid.

The board reserves the right to reject any and all bids.

Proposals shall be delivered in accordance with the instructions given in the specifications.

M. S. MEEKER,
Clerk of the Board of Trustees,
Kerman Union High School District.

Engineering News Section

BRIDGES

SANTA ROSA, Sonoma Co., Cal.—J. Cogo, Sonoma, at $1975 awarded cont. by supervisors to const. rein. conc. bridge on highway bet. Santa Rosa and Sonoma. Other bids, Gates and Howe, $2248; W. L. Proctor, $2152; R. Press smith, $2140.

PORTLAND, Ore.—Until April 1, 10 a. m., bids will be rec. by Multnomah County Commissioners to const. Ross Island, Burnside and Sellwood bridges. Bids on the Burnside bridge are called on two types as follows: Design No. 1—Trunion bascule draw-span with reinforced concrete and fixed spans and approaches. Design No. 2—Trunion bascule draw-span with riveted steel truss fixed spans and approaches.

Bids on the Sellwood and Ross Island bridges are on one type only.

Plans obtainable from Hedrick and Kremers, consulting engineers, 250½ Third street, Portland.

MARYSVILLE, Yuba Co., Cal.—State Commission has completed plans to widen Parks Bar Bridge, Yuba county to finance the work, the Highway Commission agreeing to build the Tahoe-Ukiah highway unit through Yuba county when the work is completed. Cost will be in the neighborhood of $15,000.

OAKLAND, Cal. — County Surveyor Geo. Posey preparing spec. for conc. bridge to span Crandall slough near Alvarado; est. cost $10,000.

OAKLAND, Cal.—Until March 17, 10 a. m., bids will be rec. by Geo. E.Gross, county clerk, to const. new dolphins and jack-bents and make repairs at High St. bridge over Oakland-Alameda tidal canal. Cert. check 10% payable to clerk req. Spec. obtainable from Geo. A. Posey, county surveyor.

PASADENA, Cal.—City Mgr. C. W. Koiner will ask bids in 3 weeks to const. Linda Vista bridge. Plans have been practically completed.

SANTA ANA, Cal.—McKay Engineering Co., 405 Ridgeway Bldg., Los Angeles, submits low bid to supervisors at $63,131 to const. highway bridge having eight 30-ft. conc. spans on conc. piles and two 31-ft. conc. spans on conc. piles; two 20-ft. conc. spans on conc. piles and three 60-ft. steel spans on conc. piers on the State Coast Highway over the Santa Ana river, Orange county. Other bids were: W. M. Ledbetter & Co., $69,150; S. M. Kerns, $73,200; E. G. Perham, $75,000; Mercereau Bridge & Constr. Co., $81,061; Green Constr. Co., $88,800.

SANTA ANA, Cal. — McKay Engineering Co., 405 L. A. Ry. Bldg., Los Angeles, awarded cont. by supervisors at $63,131 to const. steel and conc. bridge across the Santa Ana river, to connect with the new coast boulevard.

SACRAMENTO, Cal.—Until April 7, 10 A. M., bids will be rec. by Harry W. Hall, county clerk, to const. highway bridge across Steamboat Slough at upper end of Grand Island. Will consist of double leaf Strauss Bascule structure with two piers and abutments, involv. 324 cu. yds. 1-2½-5 conc. in piers; 74 cu. yds. conc. 1-2½-5 in abutments; 20 14-in. rein conc. piles, 25 ft. long; 60 wooden piles, 38 ft. long under piers; 58 wooden piles 55 ft. long in fenders; erecting 500,000 lbs. structural steel to be furnished by county· erection of 55,000 lbs. machinery; furnish and install electrical equipment. C. W. Deterding Jr., county surveyor. **See call for bids under official proposal section in this issue.**

SACRAMENTO, Cal.—Until April 7, 10 A. M., bids will be rec. by Harry W. Hall, county clerk, to const. highway bridge across Sacramento river, near Paintersville, involv. 1,048 cu yds. 1-2½-5 conc. in piers; 219 cu. yds. 1-½-5 conc. in abutments; 396 cu. yds. 1-2-4 conc. in arches; 36 14-in. 32½ ft. long and 20 12-in. 22½ ft. long piles; 118 fender piles, 55 ft. long; 136 piles, 45 ft. long under piers; erect 500,000 lbs. structural steel to be furnished by county; erect 50,000 lbs. machinery; furnish and install electrical machinery. C. W. Deterding, county surveyor. **See call for bids under official proposal section in this issue.**

PORTLAND, Ore.—Until April 1, 10 a. m., bids will be rec. by Multnomah County Commissioners, Portland, to const. Sellwood bridge over Willamette river; est. cost $350,000, involv. 20,500 sq. ft. rein. conc. viaduct approaches; 900,000 lbs. structural steel; 622 tons old steel to be taken down and re-erected; 4500 yds. conc. in main river piers; 13,500 ft. fir piling; 37,000 ft. conc. deck on steel spans; 2185 ft. pipe rail; 1575 ft. conc. hand rail. Hedrick and Kremers, consulting engineers, 250½ Third St., Portland.

PORTLAND, Ore.—Until April 1, 10 a. m., bids will be rec. by Multnomah County Commissioners, Portland, to const. Ross Island bridge over Willamette river, involv. 18,000 cu. yds. conc in river piers; 30,700 cu. yds. conc. in balance of structure; 2334 tons rein. steel. Structure will be of reinforced concrete construction, 3723 ft. in length 51 ft. wide. Est. cost $1,600,000. Hedrick and Kremers, consulting engineers 250½ Third St., Portland, Ore.

PORTLAND, Ore.—Until April 1, 10 a. m., bids will be rec. by Multnomah County Commissioners to construct Burnside Bridge, (in city of Portland over Willamette river; 80,000 sq. ft. conc. viaduct approaches; 63,000 sq. ft. conc. encased steel plate girder approaches in deck; one 73-ft. and three 77-ft. steel plate girder approaches; two 84-ft. 6-in. steel plate girder approaches; two 105-ft. 10-in. steel plate girder approaches; 39,000 yds. conc. in river piers and abutments; 3,000,000 lbs. structural steel and machinery in Strauss Bascule span; 6500 yds. conc. in arch spans. Alternative bids will be rec. for substituting 2 steel deck trusses for arch spans and reducing river piers to 30,000 cu. yds. also involv 3,700,000 lbs. structural steel in steel deck spans. All items are same as alternative; Est. cost $3,000,000. Hedrick and Kremers, consulting engineers, 250½ Third St., Portland, Ore.

Carbide Flare Lights
OxyAcetyleneEquipment
Goggles—Respirators
First Aid Supplies
Carried in stock
E. D. BULLARD
565 HOWARD STREET
San Francisco, Calif.
Douglas 6320

DREDGING, HARBOR WORKS AND EXCAVATIONS

LOS ANGELES, Cal.—Bids rec. by harbor Comm. for new steel ramp at team ferry landing, foot of First St. rejected due to irregularities.

YOLO COUNTY, Calif. — State Reclamation Board, Forum Bldg., Sacramento, has approved plans of Holland District in Yolo County providing for expenditure of $950,000 for drainage work and maintenance of district levees, the work to extend over a period of years.

MERCED, Merced Co., Cal. — Until March 14, 10 a. m., bids will be rec. by H. P. Sargent, secy., Merced Irrigation District, to const. canals, Section 1, being 10,208 lin. ft. in length, involv. 36,594 cu. yds. excavation; Section 2, being 8197 lin. ft. in length, involv. 23,943 cu. yds. excavation. Cert. check 5% payable to Dist. req. Spec. obtainable from secretary.

LOS ANGELES, Cal.—County supervisors set May 6 as date to bond for flood control and reservoir program of the County Flood Control Dist. Plans which have been approved are: $1,000,000 dam at Tunjunga and $1,700,000 dam at Pacoima. The total proposed water conservation program will entail an expenditure of $42,000,000. Jas. W. Reagan, county flood control engineer.

IRRIGATION PROJECTS

LOS ANGELES, Cal. — Supervisors authorize formation of County Sanitation Dist. No. 4, embracing territory in the neighborhood of the Doheny Ranch Tract and Laurel Canyon Annex, betw. L. A. city limits and east city limits of Beverly Hills. Protest date, March 17. A. M. McPherron, deputy clerk of board

LIGHTING SYSTEMS

SAN DIEGO, Cal.—Globe Elec. Wks., 300 6th St., awarded cont. by council at $22,000 to const. ornam .lighting system in La Jolla Blvd., Prospect St. and other streets.

Globe Elec. Wks. awarded cont. at $11,800 to const. ornam. lighting system in E St., bet. 8th and 16th Sts.

CHICO, Butte Co., Cal.—Formation of an electrolier district to finance installation of street lighting system in Broadway and Main Sts., bet. 5th St. and the Junction is comtemplated. Representatives of the Westinghouse Electric and General Electric Company are conferring with interested property owners.

BAKERSFIELD, Kern Co., Cal. — Until March 17, 10 a. m., bids will be rec. by F. E. Smith, county clerk, to install electrolier system fronting county property. Cert. check 10% payable to clerk. Plans on file in office of clerk.

SAN DIEGO, Cal.—Southern Elec. Co. 866 3rd St., submits low bid to council at $38,647 to install ornam. lighting system on 7th, 8th, 9th, 10th and other streets. Other bids were: Osborn Elec. Co., Pasadena, $39,496; Globe Elec. Wks $39,900.

MACHINERY & EQUIPMENT

NAPA, Napa Co., Cal.—Basalt Rock Co., Napa, will install $100,000 worth of equipment in rock plant at Napa.

HOLLISTER, San Benito Co., Cal.—Until March 3, 7:30 p. m., bids will be rec. by Howard O'Brien, town clerk, to fur. Ford truck chassis and steel cab, a Lee 4-D steel dump body and one extra 32x4½ cord tire and tube. Further information from clerk.

PORTLAND, Ore. — Mack International Motor Truck Corp., at $5000 awarded cont. by county commissioners to fur. 5-ton truck chassis, the former to take used Packard truck of county in exchange.

Roberts Motor Car Co., at $ 4200 awarded cont. to fur. 5-ton truck chassis, Federal X-2, taking in exchange a truck owned by county.

PORTLAND, Ore.—Feenoughty Machinery Co., at $4750 awarded cont. by county commissioners to fur. 3-wheel 10-ton, 4-cylinder gasoline road roller, fully equipped, Buffalo-Pitts roller to be taken in exchange, allowing $1000.

BENICIA, Solano Co., Cal.—J. C. McAravy, city clerk, will rec. bids until March 4 for the sale of 3-hose carts no longer required by city. Further information on request to above.

PASADENA, Cal.—Until 11 a. m. Mar. 17, bids will be rec. by city clerk for the following: Item 1—4 1500 K. V. A. transformers each, single phase 50 cycle, outdoor type, self-cooled, and suitable for future 60 cycle operation, low tension winding 2400 volts, high tension winding 16,500—15,750—15,000 volts. Items 2, 6—1000 KVA transformers each, single phase, 50 cycle outdoor type self-cooled and suitable for future 60 cycle operation, high tension winding 14,250 — 15,000—15,750 low tension winding 2400 volts; Item 3, Alternative to Item 1: 4—2000 B. V. A. transformers similar to Item 1; Item 4, Alternative to Item 2 3—1000 K. V. A. transformers conforming to spec. under Item 2. Only four transformers will be purchased on Items 1 and 3. Bids are asked for the purpose of making a selection. Cert. check 5%. Bessie Chamberlain, city clerk.

LOS ANGELES, Cal.—Chicago Pneumatic Tool Co., submitted low bid to Bd. Pub. Wks. at $2800 f. o. b. Los Angeles, for one portable gas engine drive air compressor unit mounted on steel wheels; capacity 250 cu. ft. free air per minute; for use in connection with the Mulholland highway. Other bids were: Harron, Rickard & McCone Co., $3235; Ingersoll Rand Co. of Cal., $3250 Rix Compressed Air & Drill Co., $3600.

RAILROADS

SANTA ANA, Cal.—A group of Garden Grove and Long Beach men propose that Pacific Electric Ry. build a railroad bet. those cities; est. cost, $500,000. D. W. Pontius, vice president and gen. mgr., states that he will take about 30 days to have survey made of route and freight and passenger possibilities before presenting the matter to the directors of the road.

GALLUP, N. M.—A. T. & S. F. Ry. plans to start work shortly on double-tracking road from Defiance, a few miles west of Gallup, through Holbrook west to Winslow. This will be done under the proposed $6,250,000 program for double track all the way from Chicago to Los Angeles.

SAN DIEGO, Cal.—United Steel Products Co. awarded cont. by harbor comm at $7920 for 155 tons 85-lb. tee rails and at $1395 for 7750 tie plates. Bethlehem Steel Co. awarded cont. at $11,475 for hard center switch frogs for the tracks of municipal pier No. 2.

LAKEVIEW, Ore. — Nevada-California-Oregon Railroad files application with Interstate Commerce Commission for authority to construct 6-mi. of new line northward from Lakeview, Ore. into timber lands. (The Nevada-California-Oregon R.R. is a narrow gauge line running from Wendel, Lassen county, a point on the S. P. R.R., to Alturas, Modoc County, and thence on north to Lakeview, Ore. The line originally operated from Reno, Nevada, on the south).

FIRE EQUIPMENT

WATSONVILLE, Santa Cruz Co., Cal.—City Board of Aldermen vote to purchase Obenchain Boyer fire pump and chemical for $4750, paying $1500 down, the balance to be paid in installments.

LOS ANGELES, Cal.—Until 11 a. m., Feb. 25, bids will be rec. by supervisors to fur. L. A. County fire protection dists. triple comb. pumping fire engines of 750 gal. capacity with six cyl. motor and pneumatic tires. Bidders to submit their own detailed specifications. In addition, various extras are to be included.

PETALUMA, Sonoma Co., Cal. — American La France Co. awarded cont. by council to fur. 50-ft. 20-ft. 24-ft. and 16-ft. extensions ladder sand 16-ft. and 20-ft. roof ladders; one of each size.

PETALUMA, Sonoma Co., Cal.—City council votes to provide $22,500 in budget to finance purchase of following equipment for fire department: One 1000-gal. pumping engine, $13,000; new hydrant, $3000; chassis and rack for service truck, $3000; chassis for hose wagon, $1500; new hose, $1500; hose drying rack, $500.

MONTEREY PARK, Cal.—Until 8 p. m., March 10, bids will be rec. by city trustees to fur. one motor propelled automobile chassis and fire truck with hose body and two 35-gal. steel chemical tanks and equipment belonging thereto. Cert. check 10%. Arthur W. Langley, city clerk.

LOS ANGELES, Cal—Bids rec. by supervisors for comb. pumping fire engines for 15 L. A. county fire protection districts were. Seagrave Co., $11,565 ea; American-La France Fire Engine Co., varying scale from $13,000 for one down to $10,450 each for 15.

MISCELLANEOUS SUPPLIES

LOS ANGELES, Cal. — Judson Mfg. Co. submitted low bid to harbor comm. at $1193.40 for anchor bolts under spec. 587. Other bids were. Marine Hdwe. Co., $1405.49; Calif. Hdwe. Co., $1616.25. Referred to Harbor Engs. Ludlow for report.

EUREKA, Humboldt Co., Cal.—Until March 4, bids will be rec. by John Griffith, city commissioner of public works, 524 "D" street, to fur. 40,000 lbs. of stand. sulphate of aluminum to contain not less than 17¼ per cent A. L. 203 aluminum oxide and not more than ½ of one per cent iron in bags of 250 pounds each paper lined f. o. b. dock San Francisco. Delivery to be made about April 4, 1924.

RESERVOIRS AND DAMS

TACOMA, Wash.—See "Waterworks," this issue. Bids wanted for Cushman Dam and Appurtenant Works. City of Tacoma.

HUNTINGTON PARK, Cal. — Bent Bros., 1714 Eagle St., Los Angeles, at $10,800 awarded contr. by city trustees to const. 1,000,000-gal. water reservoir 155x91 ft. and 14-ft. deep, partly excavated, lined with 4-in. conc., reinf. with wire mesh, with wooden roof. Other bids were: W. M. Ledbetter & Co. $11,140; Kinne & Westerhouse, $11,500; McKay Engineering Co., $11,757; Union Constr. Co., $12,487.75; Robinson-Roberts Co., $12,752.

PIPE LINES, WELLS, ETC.

MONROVIA, Cal.—Pac. Pipe & Supply Co., 1002 S Santa Fe Ave., Los Angeles, awarded cont. by city trustees for 1000 ft. 4-in. standard dipped screw pipe, with recess couplings, at $60.80 per ton. Crane Co. bid $62.49.

NAPA, Napa Co., Cal.—City council rejects bids to distribute and lay pipe in connection with Milliken Canyon municipal water project and work will be done under the supervision of the Department of Public Utilities. A. Kempkey, consulting engineer on project, with offices in the Hobart Bldg., San Francisco.

RAYMOND, Wash.—Until March 19, 7:30 p. m., bids will be rec. by Gladys La Vigne, city clerk, to fur. f. o. b. Raymond:

696 lin. ft. 8-in. and 60 lin. ft. 12-in. dia. class C c. i. pipe.
4 class D, 8 by 6 inch tees, cast iron
1 class D. 8 by 8 by 4-inch cross, cast iron.
1 class D, 12 by 12 by 8-inch cross, cast iron.
1 class D, 12 to 8-inch reducer, small end bell, cast iron.
2 class D, 12-inch round nose plugs, cast iron.
2 class D, 8-inch round nose plugs, cast iron.
2 class D, 6-inch round nose plugs, cast iron.
2 class D, 4-inch round nose plugs, cast iron.

Cert. check 5% req. with each bid. Bidders to state time of delivery. Further information obtainable from clerk.

MONTEREY PARK, Cal.—Until 8 p. m., March 10, bids will be rec. by the city clerk to drill, case and test water well on Garvey Ave. east of San Gabriel Blvd. (labor, materials and equipment.) Plans obtainable from city eng. Hollingsworth Bldg. Cert. check 10%. Arthur W. Langley, city clerk.

SEWAGE DISPOSAL PLANTS

LONG BEACH, Cal.—City Engr. R. D. Van Alstine decides to use Dorr type of screen for sewage disposal plant to be located at the harbor entrance. Spec. for plant are being prepared. Each screen will be of 10,000,000 gals. daily capacity. Est. cost bet. $25,000 and $30,000.

SANTA ROSA, Sonoma Co., Cal. — Bonds of $165,000 voted to finance construction of activated sludge sewer disposal system. Clyde F. Smith, consulting sanitary engineer, 516 Santa Barbara Rd., Berkeley, will prepare plans.

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CHICO, Butte Co., Cal.—Funds will be raised through a bond issue or direct tax to finance sewage disposal and sewer farm improvements. J. J. Gillespie, engineer for the State Department of Public Health, in report to city trustees suggests the installation of a treatment works.

POMONA, Cal.—Council selects Elrod sewage treatment plant for the proposed new sewer system. Plans and spec. were ordered prepared.

MISCELLANEOUS CONSTRUCTION

HAWAII—A bond issue of $2,265,000 by the territory of Hawaii for public improvements has been approved by President Coolidge, upon the recommendation of Secretary Work.

NAPA, Napa Co., Cal.—Basalt Rock Co., Napa, has taken over the quarry formerly operated by the L. J. Alexander Co., and has started improvements. One mile of aerial tramway will be constructed and equipment costing $100,000 will be installed.

RIVERSIDE, Cal.—Riverside Cement & Asbestos Co. has opened offices in Los Angeles in the Detwiler Bldg. The personelle of the company is as follows J. H. Richardson, pres.; G. H. Denton, vice pres.; C. F. Hansch, secy; C. B. St. Ledger, treas.; Amos Jones, supt. The company is preparing to start work on a 1000-bbl. cement plant at Eden Hot Springs. The company holds asbestos mines near Yuma, valued at $450,000. The company will manufacture cement and asbestos bldg. products.

WATER WORKS

CORVALLIS, Ore.—Stevens and Coon consulting engineers, Portland, submit report to city council covering Rock Creek water project and recommend expenditure of $327,000 to improve present system.

MONTEREY PARK, Cal.—Until 8 p. m., March 10, bids will be rec. by city clerk for purchase of one second-hand Lutweiler pump stored at the Chandler Ave., municipal pump house. Bids must be for cash and accompanied by cert. check for the bid price. Arthur W. Langley, city clerk.

LOS ANGELES, Cal.—Until 3 p. m., March 4, bids will be rec. by public service comm., 207 S Bdwy, for 1550 pcs 20-in. class B. B. & S. cast iron water pipe, in 12-ft. lengths, of 2100 lbs per length; a total tonnage of 1627.50; destination, San Pedro. Proposals will also be considered on pipe in 4-meter lengths. Spec. under Adv. No. 707-F. Jas. P. Vroman, secy.

GILROY, Santa Clara Co., Cal.—Michael Murphy, 1321 Milvia St., Berkeley at approx. $62,500 submits low bid to city trustees to construct extensions to water system. C. E. Sloan, consulting engineer, Santa Fe Bldg., San Francisco.

PORTLAND, Ore. — Until March 7, bids will be rec. by Frank Coffinberry city purchasing agent, to fur. gate valves for water works bureau. Further information on request.

LOS ANGELES, Cal.—Crane Co., 319 E 3rd St., awarded cont. by public service comm. at $60.85 per 100 ft. for 100,000 ft. 6-in. welded steel (Matheson) pipe under spec. 707A; delivery in 30 days; U. S. Steel Products Co. bid 60.85c per ft. f. o. b. cars Van Nuys, commencing delivery in 30 days, and completing as fast as possible on basis of 10,000 or 20,000 ft. per week.

American Steel Pipe & Tank Co., P. E. Bldg., awarded cont. at $9477 for 200 joints 16-in. No. 12 gauge well-casing and at $656 for four 15-ft. starters; part delivery in two weeks, bal. in four weeks from date of award; Spec. 707-C.

Union Tank & Pipe Co., 2801 Santa Fe Ave., awarded cont. at $9097.92 for 1920 joints 16-in. No. 1 gauge well-casing, and at $373.92 for four 15-ft. starters; delivery ½ order in 12 days, bal. in 20 days. Spec. 707-D.

VALLEJO, Solano Co., Cal. — City Clerk Alf Edgecumbe will ask bids at once to fur. $40-ft. 16-in. water main to be installed in Virginia St., west of Sonoma. T. Kilkenny, city eng.

SAN FRANCISCO—Until March 19, 3 p. m., bids will be rec. by Board of Public Works to fur., del. and install centrifugal pumps and connections for Bay-Pulgas pumping plant under Contract No. 94, Hetch Hetchy Project. The plant is located near the Ravenswood plant of the Spring Valley Water Company in San Mateo County about ½ mile from the west shore of the San Francisco Bay at Dumbarton Strait. Bond of 50% of the contract price will be required of successful bidder. Cert. check 10% payable to clerk of Board of Supervisors required. Spec. obtainable from Bureau of Engineering, 3rd floor, City Hall.

PORTLAND, Ore.—Until March 10, 2 p. m., bids will be rec. by Frank Coffinberry, city purchasing agent, to fur. approx. 5000 tons of c. i. pipe for water works bureau. Further details on request.

TACOMA, Wash.—Until March 27, 12 M., bids will be rec. by Ira S. Davisson, City Commissioner of Light and Water, to fur. labor and materials, except cement, to const. Cushman Dam and Appurtanent works on North Fork of Skohomish river in Mason county, Wash. Dam will be concrete, constant Angle Arch type, 275 feet high, 80 ft. long at b[illegible] and 800 ft. long at crest. Appurten[illegible]t works include gates, valves, tunnels, penstock connections, screens, intake tower and chambers. Estimated quantities of materials involved in the project follow:

6,755 cu. yds. earth excavation.
7,500 cu. yds. earth embankment.
84,000 cu. yds. concrete.
63,000 lbs. structural steel.
13,000 cu. yds. rock excavation.
230,000 lbs. reinforcing steel.
360 cu. yds. rein. concrete.
14,200 cu. yds. tunnel excavation.
2,300 cu. yds. concrete lining.

J. L. Stannard is Chief Engineer for project. **See call for bids under official proposal section in this issue.**

BREMERTON, Wash.—See "Government Work and Supplies," this issue.

ANTIOCH, Contra Costa Co., Cal. — Town trustees reject bids rec. Feb. 25 to repair and improve settling tanks at Municipal Water Works. Bids were: Bates and Ferguson, San Francisco, approx. $11,000; R. P. Easley, approx. $11,000; John Kristich, $8500.

ARCADIA, Cal.—Until 8 p. m., March 5, bids will be rec. by city trustees to fur. 1141 ft. 6-in. gauge R. S. pipe double dipped and wrapped or 6-in. Matheson lock joint pipe; 2 6-in. gauges; one 6-in. ell; 1 6-in. flange or plug. Cert. check 10%. Ethel G. Farwell, city clerk

PINE KNOT, Cal.—Bear Valley Utility Co., Pine Knot, Cal., preparing to const. waterworks system to supply Big Bear Valley, serving approx. 20,000 inhabitants during the summer. Chester H. Loveland, engineer, Balboa Bldg., San Francisco (R. H. Nicholson, 1350 Orange St, Los Angeles in charge) are the engrs. on the project. The work will involve, about 6 mi. of pipe line, consisting of 4-in. to 12-in. riveted steel pipe; 2 wells with well-casing; 2 pumps, and conc reservoir of 250,000 gal. capacity. Est. cost, $115,000. Bids will be taken in about a month on segregated contracts for pipe, laying of same, const. reservoir, all under the direction of the engr. named above.

PLAYGROUNDS AND PARKS

TURLOCK, Stanislaus Co., Cal. — City Park Commission plans planting of roses, installation of sprinkler system and walks in Broadway Park. A lawn mower will also be purchased. Robt. F. Sadler is supt. of parks.

RENO, Nevada — Crews, operating under the supervision of City Engineer Harry Chism, have started excavation for a lagoon in Idlewyld Park, to be 400 ft. long and 150 ft. wide for boating and swimming purposes.

HOLLYWOOD, Cal. — Hollywood Chamber of Commerce advocates bond election or $2,500,000 to finance purchase of lands and improvements for public parks. Carl Bush is secretary of the chamber.

SAN FRANCISCO—Board of Supervisors appropriates $3,500 to repair fences at County Jails Nos. 2 and 3.

MERCED, Merced Co., Cal. — Until March 3, 8 p. m., bids will be rec. by W. W. Cornell, city clerk, to fur. 400 silverleaf maple trees, from 4 to 6-ft. in length, delivered f. o. b. Merced. See call for bids under official proposal section in this issue.

SEWERS & STREET WORK

REDWOOD CITY, San Mateo Co., Cal.—City Eng. C. L. Dimmitt has completed spec. for additional sewer improvements in Eastern Addition.

INGLEWOOD, Cal.—John McNamee, 750 S Figueroa St., Los Angeles awarded cont. by city trustees at $25,265 to imp. Edgewood St., Manor Dr., and Hazel St., involv. 164,840 sq. ft. grading; 100,207 sq. ft. 5-in. macad; 12,282 sq. ft. walk; 4860 ft. curb; 23 water connections; 1911 act and 1915 bond imp act.

OAKLAND, Cal.—Warren Const. Co., Bacon Bldg., Oakland, awarded cont. by council to imp. Alice St., bet. 2nd and 4th Sts., involv. grading $.05 sq. ft; conc. curb with steel guard, $1.25 lin. ft.; conc. curb without guard, $.75 lin. ft.; conc. gutter, $.30 sq. ft.; 2-in. Warrenite-Bit. surface on 6-in. cem. conc. base, $.308 sq. ft.

OAKLAND, Cal—Council, E. K. Sturgis, clerk, declares inten. to imp. E-16th St., bet. 2nd and 14th Aves., involv grade and pave; const. curbs, gutters, catchbasins, conduits and culvert branches; reset existing granite curb; sewers, lampholes, wye branches, etc. 1911 Act. Protests March 6. W. W. Harmon, city eng.

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EUREKA, Humboldt Co., Cal.—City council petitioned to pave 6th St. for its entire length, including courthouse frontage. Harry H. Hannah, city eng.

SACRAMENTO, Cal—State Reclamation Board, Forum Bldg., grants approval to plan of Sacramento and Sutter County Joint Highway District to const. portion of Garden Highway on top of Reclamation Dist. levees in Elkhorn and Nicolaus districts north of Sacramento.

SEATTLE, Wash.—Board of Public Works estimates cost of Dexter Ave., extension from Mercer St. to 1st Ave., at pt. near Virginia St., an dthe regrading of a portion of Denny Hill at $3,591,000.

LOS ANGELES, Cal.—Until 11 a. m., March 17, bids will be rec. by supervisors to imp. Palmdale-Valyermo Rd., involv. widening present road 1 ft. on each side, a distance of 10.7 mi., involv 112,780 sq. ft. 6-in. asph. conc. pavement.

RIVERSIDE, Cal.—Pearson & Dickerson awarded cont. by council at $42,-990 to imp. Magnolia Ave., bet. Jurupa and Arlington Aves., involv. approx. 238,261 sq. ft. macad. at 17c ft., grade; const. 7 culverts and other incidental items.

TUCSON, Ariz.—City engr. instructed by council to readvertise for bids for southeast improvement recently awarded to Geo. B. Singleton, who failed to sign the contract in the required 20 days. The work involves 64,500 cu. yds. grading; 41,400 sta. yds. overhaul; 36 monuments.

SAN DIEGO, Cal.—Residents of San Pasqual valley petition supervisors to pave Escondido-Ramona highway. This stretch is 2 miles in length.

EL CERRITO, Contra Costa Co., Cal. —Until March 7, 8 P. M., bids will be rec. by H. L. Van Fleet, sect'y., Stege Sanitary Drainage District, to fur. and lay 1,025 ft. 8-in. sewer in El Cerrito Park tract. Cert. check 10% req. with each bid. Plans obtainable from Sanitary Inspector G. W. Carrick, 178 San Pablo Ave., El Cerrito.

RICHMOND, Contra Costa Co., Cal. —City council will start proceedings at once to widen Standard Ave., bet. Garrard Blvd. and Castro St. Present width is 50 ft. which will be increased to 82 ft. H. B. Chapman, city eng.

TULARE, Tulare Co., Cal.—Valley Paving & Constr. Co., Visalia, at $66,-283 awarded cont by city trustees to imp. L St., bet. Pine St. and 150 ft. So.; grade and pace with 6-in. conc ; L St., bet. Inyo and 150 ft. So. of Pine St., grade and pave with 5-in. conc.; Inyo St., bet. L and K Sts., grade and pave with 5-in conc.; L St., bet. Alphine and Inyo Sts., grade and pave with 4-in. conc.; also by const. walks, curbs, manholes, catch basins, storm sewers, drain. culverts, driveway approaches, etc. Other bids were Frederick & Shannan, $67,806.23; F. W Nieghbert, $68,691.25; Kittlewall, $77,612.86; C. W. Wimmer, $72,469; Thompson Bros., $71,669.48; W. J. Taylor, $75,958; Blumenranz & Vernon, $79,609.16 and Vaughan & Freeman, $71,577.10.

NAPA, Napa Co., Cal.—Lisher & Carillo, Napa, at $1,037.65 awarded cont. by council to const. 8-in. vit. sewer in Elm St., from pt 135 ft. west of Franklin St. and ending at pt. 565 ft. westerly therefrom; 14 4-inaph sewer connections and flush hole. Frank Gaggero only other bidder at $2,-186.15.

OAKLAND, Cal.—Until March 6, 12 M., bids will be rec. by E. K. Sturgis, clerk, to const. sewers with manholes, lampholes, wye branches, drop connections in portions of Toler Heights Tract. 1911 Act. Cer. check 10% payable to city req. W. W. Harmon, city eng.

OAKLAND, Cal.—Council, E. K. Sturgis, clerk, declares inten. to imp. portions of Keith Ave and Broadway by const. of vit. sewers with lampholes, wye branches, manhole and drop connection. 1911 Act. Protests March 13. W. W. Harmon, city eng.

OAKLAND, Cal.—Until March 6, 12 BM., bids will be rec. by E. K. Sturgis, clerk, to const. sewer with manholes, wye branches and lampholes in right-of-way Toler Heights Tract. 1911 Act. Cert check 10% payable to city req. W. W. Harmon, city eng.

SAN DIEGO, Cal. — David H. Ryan, **1615 Fern St.**, San Diego submits low bid to council to imp. San Marcos Ave. and other streets, involv. 188,079 sq. ft. 1½-in. sheet asph. paving on 4-in. asph cem. conc. 20.5c ft; 2344.6 sq. ft. cem. conc. walk 22c ft; 489.76 ft. curb 75c ft; 294.59 cu. yds. earth excav. $1 yd; 8.86 cu. yds. earth embank 50c yd; 23 4-in. conc. sewer laterals $32.50 each; 12 6-in. conc. sewer laterals $38.50 ea.

OAKLAND, Cal.—Until March 6, 12 M., bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of Monticello Ave., involv. grading and paving; const. curbs, gutters; vit sewers with lampholes and wye branches. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

BAKERSFIELD, Kern Co., Cal.—California Const. Co., 58 2nd St., San Francisco, at approx. $810,090.50 submits low bid to county supervisors to imp. 38 mi of highways in the western section of the county. F. Rolandi, San Francisco, submitted only other bid at approx. $1,097,355. Unit bid of successful bidders follows: Grading on old work, cut, 58c cu. yd.; grading on old work, fill, 58c cu. yd.; grading on new work, cut, (no bid); grading on new work, fill, no bid; 6-in. asph. pave. $.235 sq. ft.; 6-in. asph. shoulders, $.246 sq. ft.; 5-in. asph conc surface, $.221 sq ft.; 4-in asph. conc. surface, $.188 sq. ft.; 18-in. iron culverts, $5.50 lin ft.; 24-in. iron culverts, $7 lin. ft.; 36-in. iron culvert, $11.50 lin ft.; conc. culv. headwalls, $33 lin. ft.; timber fence gaurd, $2.50 lin. ft.; timber piles, $2 lin. ft.; rein. conc. in bridges, $33 cu. yd.; plain conc. in bridges, $30 cu. yd.; excavations for concrete, $.58 cu yd.

BURBANK, Cal. — City trustees declare inten. to imp. Main St., bet. Alameda and Verdugo Aves., grade and pave with 6-in. conc., 24 ft. wide; 1911 act. F. S. Webster, city clerk.

SAN BERNARDINO, Cal. — Council declares inten. to imp. Wabash St., bet. B St. and Arrowhead Ave., grade and pave with 4-in. macad., const. conc. gutters; 1911 act. J. H. Osborn, city clerk.

GLENDALE, Cal.—Pacific Paving Co 510 Metropolitan Theatre Bldg., Los Angeles, submitted low bid to council to imp. Park Ave., bet. Adams and Tyler Sts., involv. 39,700 sq. ft. grading 75c ft.; 26,200 sq. ft. 3-in. macad. 11c ft.; 6700 sq. ft. walk 16c ft.; 1315 ft. curb 50c ft.; 683 ft. 4-in. c. i. water pipe at $938.45 (lump sum).

NEW MEXICO—Until 9 a. m., April 2, bids will be rec. by dist. engr., U. S. Bur. Pub. Rds., Dept. of Agriculture, 242 W Washington St., Phoenix, to imp. Cuoncito-Pecos National forest highway, in Santa Fe National forest highway, in Santa Fe National Forest, New Mexico, counties of Santa Fe and San Miguel, approx. 11,448 mi., involv. 28,-110 cu. yds. 2-course crushed stone surfacing or alternate 23,425 cu. yds. one course crushed stone surfacing with oil mat. Spec. obtainable from engr. upon deposit of $10. Proposal guaranty, 5%. E. S. Wheeler, dist. engr.

SAN JOSE, Santa Clara Co., Cal. — R. H. Crummey, 121 Pearl St., Oakland, awarded cont. by council to imp. 6th St., opposite Bestor St., involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bit. conc. base; hyd. conc. curbs, gutters and walks.

Crummey awarded cont. to imp. Fox Ave., bet. 1st St. and bridge over Guadalupe river, involv. grade and pave with Warrenite-Bit. surface on bit. conc. base; const. 2 hyd. cem. conc. storm water inlets; 8-in. vit. pipe drains; hyd. cem. conc. walks; curbs and gutters; 1 br. manhole; 8-in. vit. storm sewer drain.

PITTSBURG, Contra Costa Co., Cal.—Hutchinson Co., Hutchinson Bldg, Oakland, at $24,665 awarded cont. by city trustees to imp. Railroad Ave., involv. 2555 cu. yds. grading, $1.20 cu. yd.; 93,-565 sq. ft. 6-in. conc. pavement, $.21 sq. ft.; 3895 ft. conc. curb, $.50 ft. Other bids were: Heafey-Moore-McNalr, $25,-358; W. A. Dontanville, $28,325; Downer & Mero, $28,405; L. L. Page, $29,-425; Frederickson & Shannon, $29,595 R. J. Blanco, $29,645; L. Tagnon, $33,-445.

SANTA MONICA, Cal.—Movement has been started to petition city council to abandon proposed widening and improvement of Wilshire Blvd., which is estimated would cost $400,000.

ONTARIO, Cal.—Property owners on California St., which connects with Fifth Ave. west of the Ontario city limits, petition council to pave entire street within the city limits.

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BURBANK, Cal.—Until 7:30 p. m., March 18, bids will be rec. by city trustees to imp. following streets:

5th St., involv. grade and pave with 3-in. rock and oil macad; const. curbs and walks.

Lincoln St., approx. 6000 ft., involv. grade and pave with 1½-in. National wearing surface on 3½-in. asph. conc. base; const. 6-in. water pipe with connections, valves, etc. Plans on file at office of F. S. Webster, city clerk.

RENO, Nevada—City council, J. B. Reese, Clerk, extends time for opening bids on street improvements from Feb. 25 to March 10. Projects follow:

To improve various streets, involving 770,000 sq. ft., more or less, 3½-in. asph. conc. base with 1½-in. bituminous wearing surface.

To const. curbs, walks and gutters, as follows: 62,000 sq. ft. hyd. cem. conc walks; 39,000 lin. ft. hyd. cem. conc. comb. conc. curb and gutter, 2 ft. 6 in. wide; 5000 lin. ft. hyd. cem. conc. comb. curb and gutter, 8 ft. 6 in. wide; 1000 lin. ft. hyd. cem. conc. gutter, 2 ft. wide, 20,000 sq ft. hyd. cem. conc. 5-in. alley approach pavement. Cert. check 10% payable to city req. Spec. obtainable from City Eng. Harry Chism on deposit of $5, returnable if spec. are returned 5 days after award of contract.

SANTA CLARA COUNTY, Calif.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to pave 3.7-mi. in Santa Clara county bet. Milpitas and Coyote Creek with asph. conc. and widen with water-bound macadam shoulders. Project involves (1) 8000 cu. yds. embankment without classification widening roadway); (2) 10,080 tons asphaltic mixture (surface) produced by using plant furnished by contractor (3) 400 tons asphaltic mixture (repairs to existing base) produced by using plant furnished by contractor; (4) 4400 tons broken stone in shoulders; (5) 200 cu. yds. removal of concrete in existing pavement; Alternative items: (6) 10,080 tons asphaltic mixture (surface) produced by using State plant at San Jose; (7) 400 tons asphaltic mixture (repairs to existing base) produced by using State plant at San Jose. Alternative Items 6 and 7 are to be considered as alternative for Items 2 and 3. R. M. Morton, state highway eng.

PHOENIX, Ariz.—Until March 10, bids will be rec. by state highway dept. to const. 12 mi. of Solomonville-Duncan road from Solomonville east; federal aid project and 75% fund of county is involved.

LOS ANGELES, Cal. — Griffith Co., 502 L. A. Ry. Bldg., submitted low bid to Bd. Pub. Wks. to imp. Wilton Pl., bet. Wilshire Blvd. and San Marino St., involv. grading $4484; 110,323 sq. ft. asph. paving 22.8c ft.;208 sq. ft. conc. paving 25c ft.; 1034 sq. ft. bitum. paving 12c ft.; 170 ft. curb 70c ft.; 361 sq. ft. walk 22c ft.; 2241 sq. ft. gutter 25c ft.; storm drain, $1450; 551 ft. hse. sewers $1.75 ft.

OAKLAND, Cal.—Council, E. K. Sturgis, clerk, declares inten. to imp. 5th St. bet. Jefferson and Cypress Sts., involv. the const. of catchbasins, manholes; storm water inlet; sewers with lampholes, and wye branches; reset granite curbs. 1911 Act. Protests March 13. W. W. Harmon, city eng.

LOS ANGELES, Cal.—Griffith Co., 502 L. A. Ry. Bldg., Los Angeles, submitted low bid to Bd. Pub. Wks. to imp. Griffin Ave. bet. Montecito Park and 10 ft. s.w. of Ave. 35, involv. grading at $4595 (lump sum); 81,810 sq. ft. asph. paving 22.8c ft.; 51,768 sq. ft. conc. paving at 22c ft., curb 70c bitum. paving 12c ft.; 631.5 ft. curb 70c ft.; 3119 sq. ft. walk 21c ft.; 5413 sq. ft. gutter 25c ft.; storm drain, $700; rein. conc. culvert, $360.

E. Schelling, 218 Higgins Bldg., low bidder to imp Vestal Ave., bet. Cerro Gordo and Baxter Sts., involv. grading at $7500 (Vestal Ave. grading); grading on Champlain Terrace, $1000; 17,714 sq. ft. conc. paving 25c ft.; 7981 sq. ft. oil and roll 8c ft.; 2714 ft. curb 75c ft; 7142 sq. ft. walk 22c ft.; 2448 sq. ft. gutter 35c ft.; san. sewer at $3500.

OAKLAND, Cal—Council, E. K. Sturgis, clerk, declares inten. to imp. n.w. half of Best Ave. from Brookdale Ave., westerly, involv. grade, pave; const. curbs and gutters. 1911 Act. Protests March 13. W. W. Harmon, city engr.

TRACY, San Joaquin Co., Cal.—J. E. Johnston, Savings and Loan Bank Bldg. Stockton, awarded cont. by city trustees to imp. portion of W-4th St., involv. 278 cu. yds. grading, $1 cu. yd; 99 cu. yds. fill $1 cu. yd; 14,970 sq. ft. 3½-in. asph. conc. base with 1½-in. Topeka surface pavement, $.25 sq. ft.; 700 lin. ft. conc. curb, $1 lin. ft.; 604 sq. ft. conc. gutter, $.65 sq. ft.

SANTA ANA, Cal.—Until 7:30 p. m., March 10, bids will be rec. by city trustees to imp. Lacy St., bet. First and Fourth St., involving 250,31 sq. ft. grading and paving with 6-in. conc. and belt-finish wearing surface. Cert. check or bond 10%. E. L. Vegely, city clerk.

LOS ANGELES, Cal. — Griffith Co., 502 L. A. Ry. Bldg., Los Angeles, submitted low bid to supervisors at $54,959 to imp. Baker Ave., bet. Flora St. and the Compton and Jahoneria Rd., 13,350 lin. ft. (Cash Job No. 212) involv. 7800 cu. yds. excav. 60c yd; 3509 cu. yds removing old macad 70c yd; 55,313 sq. yds. shaping roadway 10c yd; 34,107 sq. yds. sub-base 15c yd.; one conc. boxe culvert at $1000. Other bids were: J. Paul Benson, $62,006; Kuhn Bros., $62,909; Ed Johnson & Sons, $64,757; Geo. H. Oswald, $65,082; Mullarkey-Gregg Co., $65,785; Geo. R. Curtis, $77,209.

LOS ANGELES, Cal.—Cal. Paving Co. 1627 Cherry St., submitted low bid to Bd. Pub. Wks. to imp. Amador St., bet. Fouett St. and Jarvis St., involving grad. $850 (lump sum); 73 sq. ft. conc. paving 30c ft.; 13,090 sq. ft. oil and roll 6¾c ft.; 1192 ft. light curb 57½c ft.; 5830 sq. ft. walk 20½c ft.; 2549 sq. ft. gutter 32c ft.

FRESNO, Fresno Co., Cal.—Council, H. S. Foster, clerk, declares inten. (No. 10-D) to reconst. cem. conc. walks in portions of Olive Ave., and imp. portions of Vagedes, Arthur, Adoline and Dudley Aves., involving grade; const. cem. conc. curbs, gutters and alley driveways; cem. conc. walks; corru. culverts; pave with 3½-in. asph. conc. base with 1½-in. asph. conc. top course with liquid asphalt and rock screenings surface. 1911 Act. Protests March 13. Wm. Stranahan, city eng.

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, clerk, declares inten. to imp. St. James St., bet. 9th and 11th Sts., involv. grading and pave with 1½-in. Durite asph. conc. surface on 3-in Durite asph. conc. base; hyd. cem. conc. curb and gutter; 6-in. cem. conc. alley driveways. 1911 Act. Protests March 10. Wm. Popp, city eng.

SAN BERNARDINO, Cal. — County Highway Commissioner Jas. W. Cole, has started repair work on 125 mi. road across desert from Yermo to the Nevada line. The supervisors have appropriated $25,000 for this grading.

FRESNO, Fresno Co., Cal.—Council H. S. Foster, clerk, declares inten. (No. 9-D) to imp. Fresno St., bet. California and A Sts., involv. grading; const. conc curbs and gutters; pave alley approaches with 6-in. Port. cem. conc.; const. cem. conc. walks; corru. culverts; pave with 3"-in. asph. conc. base with 1½-in. asph. conc. top with liquid coat of asphalt and rock screenings surface. 1911 Act. Protests March 13. Wm. Stranahan, city eng.

PHOENIX, Ariz.—Until March 5, bids will be rec. by state highway dept. to grade and surface 9.6 mi. highway bet. St. Johns and Springerville; federal aid project and 75% fund of county involved.

SAN DIEGO, Cal.—City Engr. F. H. Rhodes estimates improvements of Cleveland Ave. and Vermont St. as follows: 116,329 sq. ft. 4-in. asph. conc. and 1½-in. asph. conc. wearing surface; 194,972 ft. 4-in. black paving of Cleveland St. and 3468 sq. ft. black paving on Vermont St.

YUMA, Ariz. — Yuma Chamber of Commerce indorses proposal to submit at general election a $7,000,000 bond issue to pave highway from bridge at Yuma to Tucson, via Gila Bend. The work proposed will probably be done under 7% federal aid plan.

COLUSA, Colusa Co., Cal—V. R. Dennis Construction Co., Sacramento, at $225,177.70 (approx. $17,000 per mile) awarded cont. by supervisors to const. Princeton-Colusa unit of county highway system. Bid is for Willite pavement.

Dennis Const. Co., on a bid of $129,975.45, awarded cont. to const. Colusa-Grimes highway unit to connect with Tahoe-Ukiah road south of Colusa, running east to Marysville, 7.1-miles awarded for Willite pavement.

J. E. Johnson, Stockton at $110,999.25 awarded cont. for Grimes-Prize unit, Willite pavement, approx. 6-mi. in length.

NOTE—A complete list of bids will be published shortly.

OAKLAND, Cal.—County supervisors contemplate co-operating financially with Oakland city council in const. 5½ miles of road across Bay Farm Island. The county, under the plan, would finance const. of 3-mi. Geo. A. Posey, county surveyor.

NAPA, Napa Co., Cal.—Council, H. H. Thompson, clerk, declares inten. to imp. 1st bet. Monroe and Jefferson sts., involv. grade and pave with 5-in. cem. conc., 40-ft. wide; const. conc. catchbasins; vit. ironstone sewer and 15 side sewers of vit. pipe. 1911 Act. Protests March 10. H. A. Harrold, city eng.

SAN JOSE, Santa Clara Co., Cal. — San Jose Paving Co., San Carlos and Dupont Sts., San Jose, awarded cont. by council to imp. portions of Julian St., involv. grade and pave with 2-in. Warrenite-Bit. surface with 3"-in. Bitulithic cem. conc. base; hyd. cem. conc curbs, gutters and walks; 1 br. catchbasin; 3 hyd. cem. conc. inlets; 8-in. vit. drains; 1 br. manhole.

SANTA ANA, Cal.—B. R. Ford, 407 W 17th St, submits low bid to city trustees at $4593 to const. storm drain (pavement) on east side S Main St., bet. Oxford and Edinger Sts., involv. 1944 sq. ft. 6-in. conc. with belt finish wearing surface 35c ft.; 1539 81 ft. conc comb. curb and gutter $2.45 ft.; 79.56 ft. removal of curb and reconst. standard curb 55c ft.; 445 sq. ft. removal of old sidewalk and const. new walk 20c ft.

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EVERYTHING FOR YOUR MACHINE
Zimmerlin Bros. Co.
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POMONA, Cal.—Election will be held April 14 to vote $400,000 street paving bond issue.

FRESNO COUNTY, Calif.—Provisional upon the expenditure of $150,000 by Fresno county on the const. of the highway toward Coalinga, east from the Fresno-Monterey county line and the building of Monterey county of approx. 9-mi. of highway in that county, the California Highway Commission has adopted a resolution pledging itself to take over the maintenance of that portion of the Sierra-to-the-Sea highway between Coalinga, in Fresno county, and San Lucas, in Monterey county.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—City trustees, Daniel McSweeney, clerk, declare inten. to imp. portions of alley bet. Grand and Miller Ave.; alley bet. Grand and Baden Ave; alley bet. Baden and Commercial Ave; alley bet. Commercial & Railroad Ave; alley bet. California and Lux Ave. and portion of alley bet. Lux and Miller Ave., involv. grade; pave with 5-in. cem. conc. and portions to be paved with 4-in. cem. conc. base with 1½-in asph. conc. surface; cem. conc. walks, comb. cem. conc. curbs and gutters; br. catchbasins; etc., 1911 Act & Bond Act 1915. Protests March 3. Geo. A. Kneese, engineer, Courthouse, Redwood City.

POMONA, Cal.—Election will be held April 14 to vote on a $25,000 bond issue to complete the projected outfall sewer system.

SAN JOSE, Santa Clara Co., Cal. — Council, J. J. Lynch, clerk, declares inten. to imp. Hensley Ave., bet. 2nd and 4th Sts., involv. grading and paving with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. gutters; 1 br. catchbasin; 8-in. vit. pipe drains; 2 hyd. cem. conc. storm water inlets. 1911 Act & Bond Act 1915. Protests March 10. Wm. Popp, city engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—Until March 7, 2:30 p. m., bids will be rec. by H. E. Miller, county clerk, to imp. Scotts Valley and Felton rd., in San Lorenzo and Branciforte Rd. Dists (will be widened from Glenwood highway at Scotts valley, through Hepsidam and Mt. Herman to connect with highway at Felton, approx. 3.4-mi.). Spec. obtainable from County Surv. Lloyd A. Bowman, on deposit of $5, returnable.

SAN LEANDRO, Alameda Co., Cal. — City Eng. R. H. Goodwin preparing spec. to extend and widen sts. to give city another main thoroughfare.

TURLOCK, Stanislaus Co., Cal.—City trustees, A. P. Ferguson, clerk, declares inten. (No. 113) to imp. North 1st St. from Park St. to pavement in place in North-First St., involv grading and paving with 3-in. to 6-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; conc. curb and gutter. 1911 Act & Bond Act. Protests March 18. Horace Hall, city engineer.

CALIFORNIA — Bids will be asked early in April by the State Highway Commission, R. M. Morton, engineer, Forum Bldg., Sacramento, to const. 6.05 mi. of highway from Kings Mountain to La Honda rd., San Mateo county.

Specifications are being completed for the La Honda Rd. to the San Mateo-Santa Clara county line unit ,in San Mateo county, approx. 7.31-mi.

Plans are being prepared for unit from San Mateo-Santa Clara County line road to San Mateo-Santa Cruz County line unit, approx. 3.72-mi., also for San Mateo-Santa Cruz County line unit, southerly 11.3-mi. Bids for the construction of 6.25-mi. at the south end of the latter unit will be asked in July.

Plans are being completed by the San Francisco Division office to const. a grade from South San Francisco to San Mateo, over the marshes adjacent to the Bay Shore highway, approx. 6.7 mi. in length. It is proposed to const. the grade by hydraulic fill method Grade will be 100-ft. wide and several bridges will be constructed over small sloughs which take the drainage from the higher land in the vicinity.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, awarded cont. by council to imp. Mastic bet. Goodyear and south city limits involving grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; 1 br. catchbasin; 8-in. vit. pipe drains; conc storm water inlets; hyd. cem. conc. curbs, gutters and walks.

TURLOCK, Stanislaus Co., Cal.—City trustees, A. P. Ferguson, clerk, declare inten. (No. 112) to imp. Columbia St., bet. Beech and West Ave., involv. grade and pave with 3-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; cem. conc. curbs and gutters; culverts and catchbasins. 1911 Act & Bond Act 1915. Protests March 18th. Horace Hall, city engineer.

SAN FRANCISCO—Louis J. Cohn, 110 Sutter St., at $3,330 awarded cont by Bd. Pub Wks. to const. sewer in Berry St. from 2nd St. to outlet, involv. 460 lin. ft. 15-in. sewer, $6.75 lin. ft.; 10 15-in. wye branches, $2.50 ea.; 2 br. manholes, $100 ea.

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, clerk, declares inten. to imp. Jackson St., bet. 1st and 11th and bet. 13th and 17th Sts., involv. grading and paving with 1½-in. Warrenite-Bit. surface on 3-in. Bituminous conc. base; hyd. conc. walks; 12 hyd. cem. conc. storm water inlets; 8-in. vit. pipe drains; 12 br. catchbasins; hyd. cem. conc. curbs and gutters. 1911 Act & Bond Act 1915. Protests March 10. Wm. Popp, city eng.

OAKLAND, Cal.—Council, E. K. Sturgis, clerk, declares inten. to imp. portions of Trumbull Ave. bet. Madera and 55th Aves., involv. grade and pave; const. curbs, gutters and sewers with lampholes and wye branches. 1911 Act. Protests March 20. W. W. Harmon, city engineer.

LONG BEACH, Cal.—Tom Gogo & Co. submitted low bid to council at $13,453.21 to const sewers in Sewer Dist. No. 11.

MANHATTAN BEACH, Cal.—Until 8 P. M., March 6, bids will be rec. by city trustees to imp. Rosecrans Ave., bet. Alma Ave. and Wisebburn St., grade and pave with 5-in. concr.; const. 5 ft. walks; also paving Blanche Rd with 5-in. cem. concr.; 1911 act. Llewellyn Price, City Clerk.

TORRANCE, Cal.—Until March 10, bids will be rec. by the city trustees to imp. Western Ave. to north city limits, grade and pave with Willite pavement. A. H. Bartlett, City Clerk.

CHICO, Butte Co., Cal.—City council instructs City Eng. F. A. Lammiman to prepare spec. for extensive paving program to be undertaken this year. The type of pavements is yet to be determined.

HUNTINGTON BEACH, Cal.—Until 7:30 P. M., March 17, bids will be rec. by city trustees to imp. 10th St., bet. Ocean Ave. and Palm Ave., grade and pave with 3-in. asph. concr. and 2-in. Willite surface; const. corr. iron and concr. culverts, 23 post lighting system, etc. W. R. Wright, City Clerk.

NAPA, Napa Co., Cal.—Council H. H. Thompson, Clerk, declares inten. to imp. Vallejo St., bet. Yajome and Lawrence Sts., involv. grading; const. conc. curbs; pave with 2-course asph. macadam. 40 ft. wide; conc. catchbasin; 6-in. vit. sewers with 6 wye branches; 6-in. c. i. sewer with 14 wyes; 6 vit. and 9 c. i. side sewers. 1911 Act. Protests March 17. R. A. Harrold, City Engineer.

SAN BERNARDINO, Cal.—Until 7:30 P. M., Mar. 10, bids will be rec. by council to const. 8-in. vit. sewers in: 8th St, bet Roberds St and Mt. Vernon Ave., with one flushtank, one manhole, 49 4-in. connecting sewers, etc.

Olive St., bet. 41.12 ft. e. of A St., and Dixon St., with one flushtank, two manholes, 38 4-in. house connections, etc. 1911 Act. J. H. Osborn, City Clerk.

MILL VALLEY, Marin Co., Cal.—Until March 11, 8 P. M., bids will be rec. by Will Falley, town clerk, to imp. streets in Imp. Dist. No. 6, involv. 4,624 cu. ft. grading excavation; 123,907 sq. ft. hyd. conc. pavement; 19,144 sq. ft. asph. surfaced macadam; 2,730 lin. ft. conc. curb and gutter; 1,008 sq. ft. conc gutter; 100 lin. ft. 8-in. 35 lin. ft. 10-in. and 85 lin ft. 12-in. pipe culvert; 60 lin. ft. arch culvert; 3 catchbasins; 2 inlets; 12 monuments. 1911 Act and Bond Act 1915. Spec. on file at Builders' Exchange, 180 Jessie St., San Francisco, and obtainable from J. C. Ogelsby, town engineer, Cheeda Block, San Rafael.

MERCED, Merced Co., Cal—Merced Boosters Club back movement to secure construction of road to connect Gustine with Stevinson and the present paved county highway 2 mi. north of Stevinson. Est. cost, $333,000. It is proposed to organize road imp. district to finance the project.

FULLERTON, Cal.—Until 7:30 P. M., Mar. 11, bids will be rec. by city trustees to grade and pave first alley e. of N. Spadra Rd., from the n. line of East Commonwealth Ave., to the s. line of E. Amerige Ave. with 1½-in. Warrenite-Bitul. surface on 3½-in. asph. concr. base. Spec. obtainable from W. C. Record, city engr. Cert. chk., 5%. F. C Hezmalhalch, City Clerk.

SAN JOSE, Santa Clara Co., Cal.—Until March 10, 8 P. M., bids will be rec. by J. J. Lynch, City Clerk, to imp.: Thirty-first street, bet. Santa Clara and Mt. Hamilton View Dr., involv. grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bit. conc. base; hyd. cem conc. curbs, gutters and walks; 4-in. hyd. cem. conc. house lateral drains. 1911 Act and Bond Act 1915.

Post St., bet. Orchard and River Sts., except crossings at Vone and Locust Sts., involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; 1011 Act and Bond Act 1015. Cert. check 10% payable to city req. Wm. Popp, City Engineer.

PLACENTIA, Cal. — Chamber of Commerce (Chas. E. Lee, secretary), backs movement to pave principal streets; est. cost, $100,000.

HAWTHORNE, Cal.—City trustees declare inten. to imp. Broadway, bet. Hawthorne Ave. and w. city limits; grade and pave with 1½-in. Willite wearing surface on 3-in. asph. concr. base; const. class "A" concr. curbs, gutters, 4½-ft. walks; 1911 Act. W. B. Shaw, City Clerk.

OROVILLE, Butte Co., Cal.—County Rd. Eng. Harry H. Hume has completed spec. to imp. Oroville-Magalia Rd., from end of present pavement at Pentz up the Pentz grade as far as "Lime Kiln Saddle." Work will be financed through $1,800,000 bond issue.

OAKLAND, Cal.—Council, E. K. Sturgis, Clerk, declares inten. to imp. portions of Galindo St. s. e. of Peralta St, involv. grade and pave; const. curbs, gutters and sidewalks. 1911 Act. Protests March 20. W. W. Harmon, City Engineer.

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Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
764	Johnson	Owner	8000
765	Gawthorne	Jones	10000
766	Anderson	Owner	7000
767	McDonald	Hamill	6000
768	Jonson	Owner	8000
769	Maritzen	Hamill	6000
770	Tegeler	Owner	12000
771	Kelly	Kronquist	3500
772	Fischer	Fischer	12000
773	Nelson	Owner	12000
774	Rawis	McCauley	5000
775	Schlichtmann	Pearsons	1000
776	Carmignani	Polati	1375
777	Forderer	Stockholm	1000
778	Conlin	Elvin	3000
779	Higgins	Jenkins	1275
780	Schneider	Jenkins	1409
781	Rowe	Jenkins	2279
782	Pflueger	Hardy	8000
783	Two Thousand	Watts	49800
784	Pelaprat	Moller	21346
785	Ortega	Sullivan	7374
786	Elvin	Moller	5662
787	McDonald	Hamill	6000
788	Berg	Owner	2700
789	Sockolov	Owner	12000
790	Gumbinger	Brockage	15000
791	Delany	Meyer	4000
792	Roman	Owner	10850
793	Altavater	Meyer	8000
794	Hamill	Owner	6000
795	O'Reilly	Owner	35000
796	Otis	Musto	4175
797	Fiege	Owner	2000
798	American Steel	Owner	4000
799	Bancroft	Gough	1950
800	Gibson	Owner	8000
801	Thonjetsky	Smith	3000
802	McClure	Carlsen	3800
803	Westre	Owner	3000
804	Elkington	Owner	4000
805	Hinkel	Owner	7000
806	McKnight	Owner	3000
807	Hemminga	Owner	8000
808	Baird	Magill	9000
809	Hall	Trewhitt	23000
810	McCarthy	Arnott	3000
811	Merriman	Arnott	3000
812	Arnott	Owner	4000
813	Mohr	Arnott	4000
814	Y. M. C. A.	Parker	41402
815	Hoffman	Stock	——
816	Blum	Stock	——
817	Westgate	Ingraham	24165
818	Bernstein	Coggins	4650
819	Ryan	Pacific	3435
820	Mangini	Legault	11000
821	Cosgrove	Maguire	3900
No.	Owner	Contractor	Amt.
822	Kordellos	Barrett	6000
823	Leyman	Owner	3500
824	Same	Same	50000
825	Helmke	Owner	20000
826	Wade	Owner	9000
827	Marian	Owner	45000
828	Brown	Meyer	4000
829	Pratt	Owner	3000
830	Morse	Christiansen	8000
831	Junction		5000
832	Urban	Leonard	84000
833	McCarthy	Arnott	3000
834	Fricke	Solomon	1400
835	Nogren	Owner	8000
836	Vayse	Owner	250000
837	Huetter	Meyer	4000
838	Sonna	Zichosch	2000
839	Pinkerton	Owner	6000
840	Cousette	Owner	21000
841	Leighton	Glaser	2500
842	Hargrave	Owner	4400
843	Alfrey	Meyer	4000
844	Gallagher	Grant	7654
845	Price	Martin	7489
846	Morris	Owner	16000
847	Gaviati	Owner	10000
848	Stoneson	Owner	4000
849	Wobbers	Magee	14000
850	Getz	Owner	12000
851	Sommer	Fink	8000
852	Spediacci	Cuneo	5000
853	Vedell	Owner	9000
854	Oppenheimer	Miller	20000
855	Mayer	Owner	1000
856	Arnold	Arnold	2500
857	Boitano	Owner	2000
858	Olmo	Owner	3800
859	Hargrave	Owner	4400
860	McCarthy	Owner	6000
861	Casalegno	Owner	2500
862	Christensen	Owner	2000
863	Keenan	Owner	75000
864	Hibernian	Raymond	30922
865	Cox	Hinson	6961
866	Helmke	O'Brien	20464

FRAME FLATS
(764) N BALBOA 127-6 W Fifteenth Ave. Two-story and basement frame (2) flats.
Owner—Gustaf R. Johnson, 3615 17th St. San Francisco.
Architect—None. $8000

FRAME FLATS
(765) S CHESTNUT 137-6 and 160-5 W Octavia. Two two-story and basement frame flat buildings (2 flats in each).
Owner—Dr. F. A. Gawthorne, 651 18th Ave., San Francisco.
Architect—None.
Contractor—B. S. Jones, 707 Phelan Bldg., San Francisco. $5000 each

APARTMENTS
(766) W EIGHTH AVE 225 S Cabrillo Two-story and basement frame (4) apartments.
Owner—O. E. Anderson, 483 15th Ave., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $7000

FRAME FLATS
(767) E FIFTEENTH AVE 175 N Irving. Two-story and basement frame (2) flats.
Owner—Wm. McDonald, 6140 Geary St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $6000

FRAME FLATS
(768) N FULTON 107-6 W Twenty-first Ave. Two-story and basement frame (2) flats.
Owner—Johnson & Anderson, 4 Steiner St., San Francisco.
Architect—None. $8000

FRAME FLATS
(769) E FIFTEENTH AVE 200 N Irving. Two-story and basement frame (2) flats.
Owner—Herbert L. Maritzen, 372 Baker St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $6000

MFG. PLANT.
(770) NE HOWARD AND MARY STS. Two-story Class C light manufacturing plant.
Owner—F. Tegeler, 888 Fell St., S. F.
Engineer—T. Ronneberg, 826 Crocker Bldg., San Francisco. $12,000

DWELLING
(771) SE MISSION 75 NE Guttenberg. One-story and basement frame dwelling.
Owner—Harry A. Kelly, 22nd and Mission Sts., San Francisco.

STOCKHOLDERS AUXILIARY CORP.

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SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Architect—A. J. Kronquist, 725 Elizabeth St., San Francisco.
Contractor—Kronquist & Jacobson, 725 Elizabeth St., S. F. $3500

APARTMENTS
(772) E TWELFTH AVE 125 N Geary Two-story and basement frame (4) apartments.
Owner—Alice Fischer, 1610 Pacific Av., Alameda.
Architect — Lewis Gardner, 942 Pine St., San Francisco.
Contractor—L. F. Fischer, 1610 Pacific Ave., Alameda. $12,000

FRAME FLATS
(773) E TWENTY-NINTH AVE 175 & 200 N Clement. Two two-story and basement frame flats (2 flats in each building).
Owner—N. J. Nelson, 354 29th Ave., San Francisco.
Architect—None. $6000 each

DWELLINGS
(774) E THIRTY-FIRST AVE 150 and 175 S Taraval. Two one-story and basement frame dwellings.
Owner—G. W. Rawis, Gartland Hotel, Geary and Larkin Sts., S. F.
Architect — Vincent Buckley, Monadnock Bldg., San Francisco.
Contractor—McCauley & Weber, 1131 Ocean Ave., S. F. $2500 each

ALTERATION
(775) 202 CAPP ST. Underpin dwelling with 17-inch brick.
Owner—Mrs. Ichlichtmann, 2442 35th Ave., San Francisco.
Architect—None.
Contractor — Pearsons and Johnson, 2031 Bryant St., S. F. $1000

ALTERATIONS
(776) 1836 LOMBARD ST. Construct new porch and stairs; plaster front for (2) flats.
Owner—P. Carmignani, 173 Magnolia Ave., San Francisco.
Architect—None.
Contractor—G. Polati, 2229 Union St., San Francisco. $1375

REPAIR
(777) NE MISSION AND FOURTH ST. Repair fire damage to roof (hotel).
Owner—Mrs. G. S. Forderer, 3680 Jackson St., San Francisco.
Architect—None.
Contractor—Chas. Stockholm & Sons, 849 Monadnock Bldg., S. F. $1000

REPAIR
(778) 416 NATOMA ST. Repair fire damage.
Owner—J. Conlin Co., 416 Natoma St., San Francisco.
Architect—None.
Contractor—Arthur Elvin, 180 Jessie St., San Francisco. $3000

ALTERATIONS
(779) 131 RANDOLPH STREET. Move raise dwelling; construct foundation; underpinning; steps, etc.
Owner—Hannah Higgins, 131 Randolph St., San Francisco.
Architect—Lewis M. Gardner, 942 Pine St., San Francisco.
Contractor—Jenkins and Gross, 3358 Market St., S. F. $1255

ALTERATIONS
(780) 237 RANDOLPH STREET. Move raise dwelling; underpinning, steps etc.
Owner—John & Katie Schneider, 237 Randolph St., San Francisco.
Architect—Lewis M. Gardner, 942 Pine St., San Francisco.
Contractor — Jenkins and Gross, 3358 Market St., S. F. $1409

ALTERATIONS
(781) 417-19 RANDOLPH STREET. Move; raise dwelling; underpin; construct steps, etc.
Owner—Margaret Rowe, 417 Randolph St., San Francisco.
Architect—Lewis M. Gardner, 942 Pine St., San Francisco.
Contractor — Jenkins and Gross, 3358 Market St., S. F. $2279

DWELLING
(782) TERRACE DR. BET. SANTA Clara and Portola Dr. 2-story and basement frame dwelling.
Owner—Paul A. Pflueger, premises.
Architect—J. R. Miller and T. L. Pflueger, Lick Bldg., S. F.
Contractor—A. M. Hardy, 518 24th Ave., San Francisco. $8000

ELECTRIC WORK
(783) N WASHINGTON 68-9 W Gough W 133-9 N 127-8¼ E 92-6 N 2 E 41-3 S 129-8¼. Electric work for 10-story class B bldg.
Owner—Two Thousand and Six Washington Street.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.
Contractor—Watts Electric Co., Inc., 389 4th St., San Francisco.
Filed Feb. 21, 1924. Dated Feb. 14, 1924.
1st each month 75%
Usual 35 days 25%
TOTAL COST, $49,800
Bond, Forfeit, none; Limit, as fast as possible; Plans and specifications filed.

GARAGE BLDG.
(784) N EIGHTEENTH 410 W Church W 50 N 228 N 50 m or l E 50-0½ S 132. All work for 1-story reinforced concrete garage building.
Owner—J. Pelaprat, 202 14th St., S. F.
Architect — O'Brien Bros., Inc., 315 Montgomery St., S. F.
Contractor—F. Moller & R. de Luca, 180 Jessie St., San Francisco.
Filed Feb. 21, 1924. Dated Feb. 13, 1924.
Outside forms in place.....$4000.00
Walls poured to truss level.. 4000.00
Bldg. roofed 4000.00
Completed and accepted..... 4007.50
Usual 35 days 5328.50
TOTAL COST, $21,346
Bond, $10,673; Sureties, Jno. J. Bell and A. Iorio; Forfeit, none; Limit, 100 days; Plans and specifications filed.

(785) MARKET, KEARNY & GEARY. Shoring up Chronicle Bldg. along E line.
Owner—Ortega Investment Co., Cronicle Bldg., S. F.
Architect—None.
Contractor—D. J. & T. Sullivan, 927 Hampshire St., S. F.
Filed Feb. 21, 1924. Dated Feb. 21, 1924.
Completed and accepted $7374
TOTAL COST, $7374
Bond, Forfeit, Limit, Plans and specifications, none.

BUILDING
(786) SE MINNA 25 NE Julia NE 50 xSE 80. Excavating and concrete for two-story and mazzanine reinforced concrete building.
Owner—Arthur Elvin, 180 Jessie St., San Francisco.
Architect—Albert J. Fabre and Ernest H. Hildebrand, 110 Sutter St., S. F.
Contractor—Moller & DeLuca, 180 Jessie St., San Francisco.
Filed Feb. 21, '24. Dated Feb. 20, '24.
2nd story beams poured.....$1414
Roof beams poured..... 1414
Completed and accepted..... 1414
Usual 35 days..... 1420
TOTAL COST, $5662
Bond, none. Limit, 50 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported Feb. 19, 1924, No. 691.

FRAME FLATS
(787) SE ANZA & TWENTY-SIXTH Ave. Two-story and basement frame (2) flats.
Owner — Wm. McDoonald, 6140 Geary St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary Ct., San Francisco. $6000

DWELLING
(788) E FOUNTAIN 261-4 S Twenty-fourth. One-story and basement frame dwelling.
Owner—Edgar J. N. Berg, 59 Homestead St., San Francisco.
Architect—None. $2700

APARTMENTS
(789) W FILLMORE 38-8 S Jackson. Three-story and basement frame (6) apartments.
Owner—J. Sockolov, 2558 Clay St., San Francisco.
Architect—None. $12,000

FRAME FLATS
(790) NW FIFTEENTH AND GUERrero. Two-story and basement frame (3) flats.
Owner—John Gumbinger, 147-A Stillman St., San Francisco.
Architect—None.
Contractor—Brockage & Foley, 180 Jessie St., San Francisco. $15,000

DWELLING
(791) S GOLDEN GATE AVE 204 E Arguello. One-story and basement frame dwelling.
Owner—M. C. Delaney, 603 1st Nat'l. Bank Bldg., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 1st Nat'l. Bank Bldg., S. F. $4000

APARTMENTS
(792) S GREEN 30 W Steiner. Two-story and basement frame (4) apartments.
Owner—Mrs. I. C. Roman and E. C. Thomas, 825 Clement St., S. F.
Architect—Philip Schwerdt, 2920 Jackson St., S. F. $10,850

DWELLINGS
(793) W SEVENTEENTH AVE 110 & 135 N Judah. Two one-story and basement frame dwellings.
Owner—W. F. Altvater, 2565 Mission St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 1st Nat'l. Bank Bldg., S. F. $4000 each

FRAME FLATS
(794) NE TWENTY-FOURTH AVE & Balboa. Two-story and basement frame (2) flats.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $6000

APARTMENTS
(795) N EDDY 190 W Leavenworth. Four-story and basement concrete (13) apartments.
Owner—Francis O'Reilly, 731 14th Ave., San Francisco.
Architect—None. $35,000

FACTORY
(796) SW BEACH AND GRANT AVE W 275xS 137-6. Marble and terrazzo work for two-story office and factory building.
Owner—Otis Elevator Co., Premises.
Architect—None.
Contractor—Joseph Musto Sons-Keeman Co., 353 North Point St., S. F.
Filed Feb. 23, '24. Dated Feb. 14, '24.
On 19th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST.$ 4175
Bond, $2088. Surety, Fidelity & Deposit Co. of Maryland. Limit, as required. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(797) N BUSH 81-3 W Webster. Move residence to rear of lot and make general repairs.
Owner—Henry Feige, 1076 Capp St., San Francisco.
Architect—None. $2000

SANITARY UNIT
(798) FOLSOM ST., bet. 15th and 16th. Erect sanitary unit.
Owner—American Steel & Wire Co., Folsom and 16th Sts., S. F.
Plans by Owner. $4000

ALTERATIONS
(799) NO. 25 HYDE. Remodel front and erect book shelves.
Owner— Bancroft-Whitney Co., McAllister and Hyde Sts., S. F.
Architect—None.
Contractor—Alfred S. Gough, 623 Minna St, San Francisco. $1950

DWELLINGS
(800) S NORIEGA 57-6 and 82-6 W Ninth Ave. Two one-story and basement frame dwellings.
Owner—R. N. Gibson, 55 5th St., San Francisco.
Architect—Willis Lowe. $4000 each

DWELLING
(801) E SILVER AVE 75 N Madrid. One-story and basement frame dwelling.
Owner—Alfred Thonjetsky, 423 Minna St., San Francisco.
Architect—Chas. L. Smith.
Contractor—Chas. L. Smith, 2793 Mission St., S. F. $3000

RESIDENCE
(802) W TWENTY-SEVENTH AVE 235 S Balboa. One-story and basement frame residence.
Owner—M. F. McClure.
Architect—None.
Contractor — P. S. Carlsen, 3631 23rd St., San Francisco. $3800

DWELLING
(803) E TWENTY-FIRST AVE 175 S Irving. One-story and basement frame dwelling.

Owner—Westre & Larsen, 1012 Sanchez St., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $3000

DWELLING
(804) W THIRTY-THIRD AVE 275 S Lincoln Way. One-story and basement frame dwelling.
Owner—Geo. J. and Julia M. Elkington, 1291 33rd Ave., San Francisco
Architect—None. $4000

FRAME FLATS
(805) W TWENTY-FOURTH AVE 175 S Cabrillo. Two-story and basement frame (2) flats.
Owner—Hinkel Bros., 1204 Castro St., San Francisco.
Architect—None. $7000

DWELLING
(806) W WHITTIER 289-6 S Brunswick. One-story and basement frame dwelling.
Owner—W. R. McKnight, 852 Moultrie St., San Francisio.
Architect—W. E. Lambert, 321 Hanover St., S. F. $3000

DWELLINGS
(807) E FORTY-FIFTH AVE 245 S Geary.
W FORTY-FIFTH AVE 231 N Anza
Two two-story and basement frame dwellings.
Owner—Nick Hemminga, 705 22nd Ave., San Francisco.
Architect—None $4000 each

APARTMENTS
(808) E TWENTY-FIFTH AVE 150 N Geary. Two-story and basement frame (4) apartments.
Owner—H. H. Baird, 581 4th Ave., S. F.
Architect—None.
Contractor—C. T. Magill, 581 4th Ave., San Francisco. $9000

LOFTS
(809) S HOWARD 250 W Fourth. Two story and basement concrete lofts.
Owner—Amelia Hall, 1980 Washington St., San Francisco.
Architect—Trewhitt-Shields Co.
Contractor — Trewhitt - Shields Co., Rowell Bldg., Fresno. $23,000

DWELLING
(810) W CAPITOL AVE 200 S Grafton. One-story and basement frame dwelling.
Owner — McCarthy Co., 316 Bush St., San Francisco
Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. $3000

DWELLING
(811) S GRAFTON 50 W Brighton. One-story and basement frame dwelling.
Owner—L. Merriman.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way., S. F. $3000

DWELLING
(812) W JULES AVE 200 S Holloway. One-story and basement frame dwelling
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco. $4000
Architect—None.

DWELLING
(813) N SUNNYSIDE AVE 275 E Forester. One-story and basement frame dwelling.
Owner—H. E. Mohr, Pacific Bldg., S. F.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $4000

ADDITION
(814) PORTION OF PRESIDIO LANDS San Francisco. All work for swimming pool and addition to reading room and lobby.
Owner—Young Men's Christian Ass'n.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Contractor—K. E. Parker Co., Clunie Bldg., San Francisco.
Filed Feb. 25, '24. Dated Feb. 20, '24.
Payment on completion .....
TOTAL COST not to exceed $41,402, not including contractor's renumeration.
Bond, limit, forfeit, none. Plans and specifications filed.
NOTE:—Contractor to receive $3178.

APARTMENTS
(815) S CHESTNUT 100 E Franklin. All work for three-story and basement frame apartments (29 rooms).
Owner—W. S. and Rose Hoffman, 1649 Haight St., San Francisco.
Plans by Constr. Managers.
Constructior Managers—Adolph Stock and Edward Jose, 251 Kearny St., San Francisco.
Filed Feb. 25, '24. Dated Jan. 31, '24.
On approval of plans by Board of Public Works.....$ 200
Interior & exterior plastered.. 1000
Ready for occupancy.....Balance
TOTAL COST, $——
Corstruction Managers to receive 8% of entire cost of building.
Bond, limit, forfeit, plans and specifications, none.
NOTE—Permit reported Jan 15, 1924 No. 167.

APARTMENTS
(816) W VAN NESS AVE 100 N Filbert. All work for three-story and basement frame apartments (29 rooms).
Owner—Leo and Rose Blum, 675 11th Ave., San Francisco.
Plans by Constr. Mngrs.
Construction Managers—Adolph Stock and Edward Jose, 251 Kearny St., San Francisco.
Filed Feb. 25, '24. Dated Jan. 31, '24:
On approval of plans by Board of Public Works .....$ 200
Interior and exterior plastered 1000
Ready for occupancy.....Balance
TOTAL COST, $——
Construction Managers to receive 8% of entire cost of building.
Bond, limit, forfeit, plans and specifications none.
NOTE—Permit reported Feb 2, 1924 No. 430.

DWELLING
(817) LOT 11 BLK 10 St. Francis Wood Extensnon Na. 1. All work for two-story and basement frame dwelling with basement garage.
Owner—Westgate Park Co., 278 Post St., San Francisco.
Architect—Joseph L. Stewart, Claus Spreckels Bldg., S. F.
Contractor—M. C. Ingraham, 460 Duboce Ave., San Francisco.
Filed Feb. 25, '24 Dated Feb. 21, '24.
Frame up $6366.25
Int. and ext. brown coated.. 6366.25
Ready for painting..... 3183.12
Completed and accepted..... 3183.12
Usual 35 days..... 6366.25
TOTAL COST, $25,465.00
Bond, $12,732.50. Surety, New Amsterdam Casualty Co. Limit, July 31, 1924. Forfeit, $10. Plans and specifications filed.

ALTERATIONS
(818) W THIRD 45 S E Stevenson. Alterations for restaurant.
Owner—Maurice Bernstein, premises.
Architect—None.
Contractor—L. M. Coggins, 1120 Oak Street, San Francisco.
Filed Feb. 25, 1924. Dated Feb. 21, 1924.
Kitchen installed $750
Mezzanine floor up and plumbing installed 2000
Completed and accepted..... 800
Usual 35 days 1100
TOTAL COST, $4650
Bond $2350; Sureties, Herman A. Coggins and Robt. Wyrick; Forfeit, $2; Limit, 36 days after Feb. 25; Plans and specifications, none.
NOTE—Permit reported Jan. 10, 1924 No. 104.

ELEVATOR
(819) SACRAMENTO & JOICE STS. One V groove overhead traction automatic elevator with cab and gate at entrance.
Owner—Ellen Ryan, owner, and Bay Construction Co., general contractors.
Architect—None.
Contractor — Pacific Elevator and Equipment Co., 1129 Howard St., San Francisco.
Filed Feb. 25, 1924. Dated Oct. 11, 1923.
Elevator delivered .....½
Engines and guides in position....¼
Completed and accepted .....¼
TOTAL COST, $3435
Bond, Forfeit, Limit, Plans, none; Specifications filed.

RESIDENCE
(820) NE FORTY-THIRD AVE AND Fulton 35x95. All work for two-story frame residence.
Owner—Isabella Mangini, 43rd Ave. & Fulton St., San Francisco.
Architect—F. A. Legault.
Contractor—F. A. Legault, 257 8th Ave., San Francisco.
Filed Feb. 25, '24. Dated Feb. 20, '24.
Frame up $2750
Brown coated 2750
Completed and accepted..... 2750
Usual 35 days..... 2750
TOTAL COST $11,000
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed
NOTE—Permit applied for today.

DWELLING
(821) S TWENTIETH 50 W Arkansas 15x100. All work for 1-story frame dwelling with basement garage.
Owner—James F. and Hortense G. Cosgrove, 2548 Hyde St., San Francisco.
Architect—None.
Contractor—Joseph Maguire, 576 Colby St., San Francisco.
Filed Feb. 25, 1924. Dated Feb. 23, 1924.
Roof on $975
Brown mortar on 975
Completed and accepted 975
Usual 35 days 975
TOTAL COST, $3900
Bond, Forfeit, none; Limit, June 1, 1924
Plans and specifications none.

GARAGE
(822) N CLARA 279-6 W Fifth. One-story concrete garage.
Owner—D. Kordellos, 500 5th St., San Francisco.
Architect—R. W. Jenkins, 193 Diamond St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St, S. F. $6000

DWELLING
(823) E FORTY-SEVENTH AVE 100 N Fulton. One-story and basement frame dwelling.
Owner—Oscar Heyman & Bro., 742 Barket St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco. $3500

APARTMENTS
(824) N GEARY 42 & 68 E Sixteenth Ave. Two three-story and basement frame apartments (8 apts. in each building).
Owner—Oscar Heyman & Bro., 742 Barket St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco. $25,000 each.

APARTMENTS
(825) N PARNASSUS 127-5 W Shrader. Three-story and basement frame (9) apartments.
Owner—E. Helmke, 1867 Page St., San Francisco.
Architect—M. G. Bugbee, 619 Washington St., San Francisco
Architect—O'Brien Bros., 928 Oak St., San Francisco. $20,000

APARTMENTS
(826) W TWENTY-FOURTH AVE 200 N California. Two-story and basement frame (4) apartments.
Owner—E. J. Wade, 2884 Fulton St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $9000

APARTMENTS
(827) NE WASHINGTON & LEAVENworth. Three-story and basement frame (12) apartments.
Owner—Marian Realty Co., 1171 Market St., San Francisco.
Architect—Rousseau & Rousseau, 1171 Market St., S. F. $45,000

DWELLING
(828) W TWENTY-THIRD AVE 235 N Kirkham. One-story and basement frame dwelling
Owner—J. H. Brown, 52 6th St., S. F.
Architect—None.
Contractor—Meyer Bros., 603 First National Bank Bldg., S. F. $4000

RESIDENCE
(829) E THIRTY-SEVENTH AVE 50 N Cabrillo. Two-story and basement frame residence.
Owner—Roy A. Pratt, 7110 Geary St., San Francisco.
Architect—None. $3000

APARTMENTS
(830) NW MISSION 401 NE **Valencia.** Three-story and basement frame (4) apartments and store.
Owner—Mrs. Morse, % Contractor.
Architect—None
Contractor — Christiansen Bros., 518 25th Ave., S. F. $8000

DWELLING
(831) W ANDOVER 200 E Crescent. 1-story and basement frame dwlg.
Owner—Junction Realty Co.
Architect—None. $5000

DWELLINGS
(832) SW BORICA & HOLLOWAY & SE Borica & Holloway and E Borica 50 100 150 200 250 300 350 400 450 500 550 & 600 N Holloway. 14 1-story and basement frame dwlgs.
Owner—Urban Realty Improvement Co 39 Montgomery St., San Francisco.
Archts. & Contrs.—Leonard & Holt, 39 Montgomery St., S. F. $6000 each.

DWELLING
(833) W CAPITOL AVE. 200 S Grafton. 1-story and basement frame dwelling.
Owner—McCarthy Co., 316 Bush St., San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $3000

FIRE REPAIR
(834) SE FULTON AND LAGUNA STS. Repair fire damage to rooming house.
Owner—G. Fricke, 664 Fulton St., San Francisco.
Architect—None.
Contractor—L. Salomon, 1430 Ellis St., San Francisco. $1400

FLATS
(835) W ELEVENTH AVE. 250 N Judah. 2-story and basement frame (2) flats.
Owner—Geo. Nogren, 420 Frederick St. San Francisco.
Architect—None. $8000

HOTEL
(836) SE EDDY AND JONES STS. 6-story and basement steel frame hotel.
Owner—A. Vaysie, Rm. 711 110 Sutter St., San Francisco.
Architect—Albert J. Fabre and Ernest H. Hildebrand, 110 Sutter St., San Francisco. $250,000

DWELLING
(837) W FORTY-SEVENTH AVE. 240 N Cabrillo. 1-story and basement frame dwelling.
Owner—F. Huelter, 751 47th Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 First Natl Bank Bldg., S. F. $4000

ALTERATIONS
(838) NO. 3717 JACKSON STREET. Raise dwelling 3 ft. and construct concrete foundation; add 2 rooms plaster exterior.
Owner—Peter Sonna, 2776 Green St., San Francisco.
Architect—None.
Contractor—Frank Zichosch, 3155 San Jose Ave., S. F. $2000

DWELLINGS
(839) W MISSION 104½ & 129½ S Niagara. 2 1-story and basement frame dwellings.
Owner—Harry C. Pinkerton, 436 Hanover St., San Francisco.
Plans by owner. $3000 each

ALTERATIONS
(840) 3227-33 SCOTT STREET. Alterations and additions for (2) frame apartments.
Owner—H. Coustette, 3227 Scott St., San Francisco.
Architect—Albert J. Fabre & Ernest J. Hildebrand, 110 Sutter St., San Francisco. $21,000

OVEN
(841) NO. 52 TURK STREET. Install brick bake oven.
Owner—Leighton Company, Flood Bldg San Francisco.
Architect—None.
Contractor—J. P. Glaser, 2480 Union St. San Francisco. $2500

DWELLING
(842) S TWENTY-EIGHTH 100 W Guerrero. 1-story and basement frame dwelling.
Owner—A. E. Hargrave.
Architect—E. J. Hargrave, 1114 Bayswater Ave., Burlingame. $4400

DWELLING
(843) W TWENTY-THIRD AVE. 210 N Kirkham. 1-story and basement frame dwelling.
Owner—G. C. Alfrey, 52 6th St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 First National Bank Bldg., S. F. $4000

FLATS
(844) E TENTH AVE. 175 N Judah. 2-story and basement frame (2) flats.
Owner — Robt. A. Gallagher, 1330 8th Ave., San Francisco.
Plans by contractor.
Contractor—W. E. Grant, 1032 Irving St., San Francisco. $7654

BUILDING
(845) N HARRISON 105 E Eighth St. All work for one-story reinforced concrete building.
Owner — Merton J. Price, 850 Pacific Bldg., San Francisco.
Architect—Dodge A. Riedy, 850 Pacific Bldg., San Francisco.
Contractor—Wm. Martin, 180 Jessie St., San Francisco.
Filed Feb. 26, '24. Dated Feb. 17, '24.
Footings poured.....$1000.00
Concrete forms up..... 1622.25
Floor slab finished..... 1622.25
Completed and accepted..... 1622.25
Usual 35 days..... 1622.25
TOTAL COST, $7489.00
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported Feb. 14, 1924 No. 605.

FRAME FLATS
(846) S BALBOA 82-6 and 107-6 W Eighth Ave. Two two-story and basement frame flat buildings (2 flats in each).
Owner—A. T. Morris, 687 11th Ave., San Francisco.
Architect—None. $8000 each

FRAME FLATS
(847) NW CHILD AND GREENWICH Three-story frame (3) flats.
Owner—Louis Gaviati, 466 Greenwich St., San Francisco.
Architect—J. A. Porporato, 619 Washington St., S. F. $10,000

DWELLING
(848) W CORDOVA 37-6 N Munich. One-story and basement frame dwelling.
Owner—H. Stoneson, 2329 Sacramento St., San Francisco.
Architect—None. $4000

ALTERATIONS
(849) N JESSIE 22-6 W Mint Ave. Construct basement with areas under sidewalk.
Owner—Wobbers, Inc., 774 Market St., San Francisco.
Architect—Albert Schroepfer, 68 Post St., San Francisco.
Contractor—Mager Bros., 2440 Bryant St., San Francisco. $14,000

DWELLINGS
(850) W FORTY-THIRD AVE 325, 350 375 and 460 S Lincoln Way. Four one-story and basement frame dwellings.
Owner—Sol Getz & Sons, 24th Ave. and Lincoln Way, S. F.
Plans by Owner. $3000 each

ALTERATIONS
(851) SW MAIDEN LANE & GRANT Ave. Change location of passenger elevator and build two staircases for upper floor entrance.
Owner—Sommer & Kaufmann, 119 Grant Ave., San Francisco.
Architect — Will H. Toepke, 72 New Montgomery St., San Francisco.
Contractor—Fink & Schindler Co., 218 13th St., San Francisco. $8000

DWELLING
(852) S NEY 75 E Condon One-story and basement frame dwelling.
Owner—F. Spediacci, 214 Ney St., S. F.
Architect—None.
Contractor—John P. Cuneo, 101 Amazon Ave., San Francisco. $5000

FRAME FLATS
(853) W OCTAVIA 150 S Bay. Two-story and basement frame (2) flats.
Owner—Chas. Vedell, 893 Elizabeth St., San Francisco.
Architect—Chas. F. Strothoff, 2774 15th St., San Francisco. $9000

APARTMENTS
(854) E OCTAVIA 50 and 100 N Francisco. Two two-story and basement frame apartment buildings (4 apts each).
Owner — James Oppenheimer, 3055 Pacific Ave., San Francisco.
Architect—None.
Contractor—Robert Miller, 5637 California St., S. F. $10,000 each

ADDITION
(855) NO. 1623 PALOU AVE. Addition to dwelling.
Owner—A. F. Mayer, Premises.
Architect—None. $1000

DWELLING
(856) E PLYMOUTH 200 S Holloway. One-story and basement frame dwelling.
Owner—Mrs. Margaret Arnold, 790 Kansas St., San Francisco.
Architect—None.
Contractor—Frank A Arnold, 790 Kansas St., San Francisco. $2500

DWELLING
(857) W THERESA 106 S San Jose Ave. One-story and basement frame dwelling.
Owner—J. C. Boitano, 212 Theresa St., San Francisco.
Architect—W. Smith, Oakland. $2000

DWELLING
(858) S THERESA 17½ E Alemany. One-story and basement frame dwelling.
Owner—Frank Olmo Co., 3373 Mission St., San Francisco.
Architect—None. $3800

DWELLING
(859) S TWENTY-EIGHTH 100 W Guerrero. One-story and basement frame dwelling.
Owner—A. E Hargrave.
Architect—E. J. Hargrave, 1114 Bayswater Ave., Burlingame. $4400

(860) W THIRTY-SIXTH AVE 125 & 150 N Irving. Two one-story and basement frame dwellings.
Owner—John E. & Ethel M. McCarthy, 1479 12th Ave., San Francisco.
Architect—None. $3000 each

DWELLING
(861) NE TRUMBULL & CONGDON. One-story and basement frame dwelling.
Owner—T. Casalegno, 4278 Kearny St., San Francisco
Architect—G. A. Berger, 261 Valencia St., San Francisco. $2500

DWELLING
(862) S GENEVA 53 W Madrid. One story and basement frame dwlg.
Owner—Max Christensen, 1720 Fillmore St., San Francisco
Architect—None. $2000

APARTMENTS
(863) N JACKSON 192-1 W Franklin. Four-story and basement reinforced concrete (16) apartments.
Owner—H. C. Keenan, 110 Sutter St., San Francisco.
Architect — M. W. Morrison, 601 42nd Ave., San Francisco. $75,000

BANK
(864) NW TWENTY-SECOND AND Valencia N 50xW 82-6. Granite work for one-story and basement with mezzanine bank building.
Owner—The Hibernian Savings & Loan Society, McAllister & Jones Sts., San Francisco.
Architect—Bakewell & Brown, 251 Kearny St. ,San Francisco.
Contractor—The Raymond Granite Co., Inc., 3 Potrero Ave., S. F.
Filed Feb. 27, '24. Dated Feb. 23, '24.
Granite delivered $15,461.00
Granite set 7,730.50
Usual 35 days..... 7,730.50
TOTAL COST, $30,922.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

ALTERATIONS
(865) NO. 524 GOLDEN GATE AVE. All work for alterations to bldg.
Owner—John W. Cox, % Architect.

Architect — O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—L. A. Hinson, 1228 Grove St., San Francisco.
Filed Feb. 27, '24 Dated Feb. 26, '24.
Four concrete walls in place...$1740
Roof on 1740
Completed and accepted..... 1740
Usual 35 days..... 1741
TOTAL COST, $6961
Bond, none. Limit, 75 days. Forfeit, $6. Plans and specifications filed.
NOTE—Permit reported Feb. 19, 1924 No. 676.

APARTMENTS
(866) N PARNASSUS AVE 127-4 W Shrader W 27xN 137-6. All work except wall beds, heaters, window shades and light fixtures for three story and basement apartments. Owner—E. Helmke and Gladys Tyson, 1867 Page St., San Francisco.
Architect—Maxwell G. Bugbee, 619 Washington St., San Francisco.
Contractor — O'Brien Bros., 928 Oak St., San Francisco.
Filed Feb. 27, '24. Dated Feb. 25, '24.
Frame up $3837
1st coat plaster on 3837
Standing finish on 3837
Completed and accepted..... 3837
Usual 35 days..... 5116
TOTAL COST, $20,464
Bond, $10,232. Surety, Fidelity & Casualty Co. Limit, 100 days. Forfeit, $12. Plans an dspecifications filed.
NOTE—Permit reported Feb. 27, 1924 No. 825.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
Feb. 21, 1924—N GRATTAN 158-4 E Stanyan E 25 x N 125. David J. and Louise W. Peters to whom it may concern .....Feb. 20, 1924
Feb. 21, 1924—NW FOLSOM 250 NE 9-9 NE 25 x NW 90. H. Pottel to Badt Falk & Co.....Feb. 11, 1924
Feb. 21, 1924—N O'FARRELL 55 W Hyde W 27-6. Charles Viguie to Mattock & Feasey .....Feb. 20, 1924
Feb. 21, 1924—E TWENTY-FOURTH Ave. 93-6 S Balboa S 25 x E 120. J. F. Dowling to whom it may concern .....Feb. 21, 1924.
Feb. 21, 1924—W BAKER 50 S Greenwich S 50 x W 100. Wm. W. Rednall to whom it may concern..... .....Feb. 21, 1924
Feb. 21, 1924—S GEARY 27-6 and 52-6 W 43rd Ave 25x100. Edw F and Bessie Helms.....Feb. 21, 1924
Feb. 21, 1924—W SANSOME 46-10⅞ m or l N Sutter N 91-6xW 122-6. The Anglo & London Paris Nat'l Bank to Scott Co and Wm Bateman .....Feb. 15, 1924
Feb. 21, 1924—N CALIFORNIA 82-6 E Ninth Ave N 100xE 50. St. James Mission of Protestant Episcopal Church to John Harder..Feb. 2, 1924
Feb. 21, 1924—TOWNSEND ST. S. P. Co. to J P Holland..Feb. 13, 1924
Feb. 21, 1924—W TWENTY-FIRST Ave 260 N Fulton N 25xW 120. John Little to whom it may concern .....Feb. 20, 1924
Feb. 21, 1924—NAPOLEON ST. S. P. Co to San Francisco Motor Drayage Co.....Feb. 19, 1924
Feb. 21, 1924—S GREENWICH 46-14 W Franklin W 25 x S 96. John B. Dondero and Adeline Dondero to H. S. Meinberger ..... Feb. 20, 1924
Feb. 23, 1924—N JACKSON 35 W Laurel N 127-3¼xW 37-6. Mrs. Harold L Zellerbach to WJ Foster Co.....Feb. 16, 1924
Feb. 23, 1924—LOT 15 BLK 25, Amended Map Ingleside Terrace. John R Lindsay to whom it may concern.....Feb. 23, 1924
Feb. 23, 1924—LOT 16 BLK 25, Amended Map Ingleside Terrace. John R Lindsay to whom it may concern.....Feb. 23, 1924
Feb. 23, 1924—PTN LOT 81 Precita Valley Lands. Joseph and Maud E Reiser to Alfred H Oslsen.Feb. 18, '24
Feb. 23, 1924—SW HYDE AND Greenwich W 92xS 40. O B Martin to Watts Electric Co...Feb. 20, 1924
Feb. 23, 1924—NW BATTERY AND Sacramento W 275xN 119-6. Federal Reserve Bank to Cyclops Iron Works.....Feb. 21, 1924
Feb. 23, 1924—W WAWONA AVE 87 S Ulloa — 32 W 98.38 N 32.60 E 104.65 Lot 3 Blk W, Portal Park. William G Wilker to Meyer Bros. .....Feb. 20, 1924
Feb. 21, 1924—NE HAIGHT AND Webster E 62 x N 70. Clara Dyer to Cox Bros.
Feb. 21, 1924—LOT 25 BLK 6468 A Harder and Samuels Mission Tp. Victor Holmgren to whom it may concern .....Feb. 14, 1924
Feb. 21, 1924—NW LONDON 200 SW Russia SW 25 x NW 100. Marco Dondew to whom it may concern.. .....Feb. 20, 1924
Feb. 21, 1924—NW LONDON 175 SW Russia Ave. SW 25 x NW 100 Marco Dondew to whom it may concern .....Feb. 20, 1924
Feb. 25, 1924—N CLEMENT 82-6 W 28th Ave W 25xN 100. Michale D Hardiman to whom it may concern.....Feb. 25, 1924
Feb. 25, 1924—W MISSION AND Ecker SW 47 NW 112-6 SW 47 NW 75 NE 94 SE 187-6. Lucy H and Edith W Allyne to New Mission Sheet Metal Works.....Feb. 21, 1934
Feb. 25, 1924—SW GUTTENBERG 79-6 N Brunswick. Victor Bjorkman to whom it may concern.. .....Feb. 23, 1924
Feb. 25, 1924—E 25TH AVE. 125 S Cabrillo. Bryan Feerick to whom it may concern .....Feb. 21, 1924
Feb. 25, 1924—N BALBOA 102-6 W 15th Ave. 25 x 100. Gustav R. Johnson to whom it may concern.. .....Feb. 25, 1924
Feb. 25, 1924—E 13TH AVE. 30 N Fulton N 30 x E 92-6. Joseph C. Filippi to John R. Morrison..... .....Feb. 23, 1924
Feb. 25, 1924—LOTS 12, 13 BLK. H Mission Terrace. Walter E. Hansen to whom it may concern .. ..Feb. 21, 1924
Feb. 25, 1924—E 37TH AVE. 100 N Cabrillo N 25 x E 120. Roy A. Pratt to whom it may concern.. .....Not given
Feb. 25, 1924—E 2ND AVE N Cabrillo 681 2nd Ave. Mary E. Kessler to L. Salomon.....Feb. 23, 1924
Feb. 25, 1924—NE 4TH, 24 NW Clara NW 51 x NE 80. O'Brien&Kiernan Investment Co. to Kiernan & O'Brien .....Feb. 25, 1924
Feb. 25, 1921—W MANCHESTER 275 NW Stoneman. Salvatore Garofalo to whom it may concern .....Feb. 25, 1924
Feb. 25, 1924—S CALIFORNIA 80 E 18th Ave. H. H. Baird to C. T. Magill .....Dec. 15, 1923
Feb. 25, 1924—M HOWARD 125 W Russ. Morgan Lloyd to Buschke & Brown .....Feb. 25, 1924
Feb. 25, 1924—NE ANZA and 6th Ave W 600 x E 240. La Societa Francaise De Bienfaisance Mutuelle to Alfred H Wegener .....Feb. 20, 1924
Feb. 25, 1924—W 38TH AVE. 125 S Geary S 150 x W 120. Meyer Bros. to Meyer Bros. .....Feb. 25, 1924
Feb. 26, 1924—NW JACKSON AND Laguna W 55xN 127-8¾. J E Levin to A Knowles.....Feb. 8, 1924
Feb. 26, 1924—W VALENCIA 70 S 18th S 25xW 100. Marie and Harry Isakson to Carl Olsen..Feb. 26, 1924
Feb. 26, 1924—COM. N 85° 40' E from SE Humboldt and Georgia N 4° 20' E 120 N 85° 40' E 120 N 85° 40' E 90 S 4° 20' E 120 S 40° 20' E 120 S 85° 40' W 96. Pacific Gas & Electric Co to California Steel Co .....Feb. 25, 1924
Feb. 26, 1924—E ELEVENTH 175 N Mission N 25x85. Edward and Henrietta Lewis to Chas Schwartz .....Feb. 19, 1924
Feb. 26, 1924—NW ORD & VULCAN Joseph Magnani to whom it may concern.....Feb. 23, 1924
Feb. 26, 1924—E LANDERS 185 N Fifteenth N 50xE 125. Hannah & Victor Stanquist to whom it may concern.....Feb. 24, 1924
Feb. 26, 1924—W PARIS 150 SW Russia 50x100 No. 524 Paris St. Emilio Malaspiva to whom it may concern.....Feb. 25, 1924
Feb. 26, 1924—SOUTHERN PACIFIC Ferry Ticket Office Southern Pacific Co to Ostlund & Johnson.. .....Feb. 18, 1924
Feb. 26, 1924—LOTS 26, 27 AND 28 Blk 28 Map Blks. 27 to 34, Forest Hill Extn. Walter G Vodden to whom it may concern..Feb. 25, 1924
Feb. 26, 1924—SW SYCAMORE AND Mission S 35xW 80. B S Berry to Diestel & Vezina.....Feb. 25, 1924
Feb. 26, 1924—NW FILBERT AND Hyde N 137-6xW 137-6. Capo Di Monte, corpn. to Atlas Heating & Ventilating Co., corpn..Feb. 25, 1924
Feb. 26, 1924—SW FORTY-SECOND Ave and Cabrillo S 25xW 90. David Leigh to whom it may concern.. .....Feb. 26, 1924
Feb. 27, 1924—NE PINE & LARKIN N 35xE 87-6. Marian Realty Co to whom it may concern...Feb. 27, 1924
Feb. 27, 1924—NW FILBERT AND Hyde N 137-6xW 137-6. Capo Di Monte to The Turner Co..... .....Feb. 25, 1924
Feb. 27, 1924—NW FILBERT AND Hyde N 137-6xW 137-6. Capo Di Monte to whom it may concern... .....Feb. 25, 1924
Feb. 27, 1924—SW TWENTY-THIRD Ave and Clement S 100xW 32-6. Jos Varsi to O M Oyen.....Feb. 26, 1924
Feb. 27, 1924—E TWENTY-FIFTH Ave 25 S Cabrillo S 25xE 95. Patrick J Feerick to whom it may concern .....Feb. 27, 1924
Feb. 27, 1924—E TAYLOR 62-4 N Broadway E 137-6xN 37. Joseph and Celina Labarbere to Denke & Bower.....Feb. 11, 1924
Feb. 27, 1924—LOT 23 and W 5.55 ft. Lot 24 Blk 5, Forest Hill. C F Parker to whom it may concern .....Feb. 15, 1924
Feb. 27, 1924—N GEARY 102-6 E Nineteenth Ave 50x100. Robert H Smith to whom it may concern.... .....Feb. 27, 1924
Feb. 27, 1924—E NINETEENTH AVE 200 S Judah 25x120. J P Johnson to J A Pereira.....Feb. 25, 1924
Feb. 27, 1924—W FORTY-FIRST AV 125 N Cabrillo N 25xW 120. Howard Hoots to whom it may concern.... .....Feb. 26, 1924
Feb. 27, 1924—LOTS 13, 21 AND 23 Blk 19, Amended Map Ingleside Terraces. Gordon W and Louise Morris to whom it may concern... .....Feb. 10, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Feb. 21, 1924—S MONTEREY BLVD. 50 W Congo W 25 x S 100 lot 48 blk. 36, Sunnyside. Edwin T. Peterson vs. W. T. and Jane Doe Cutler $412.22
Feb. 20, 1924—S TURK 187-6 W Taylor W 87-6xS 137-6. Atlas Concrete Co vs Thos McDonald $33,900
Feb. 23, 1924—E THIRTY-EIGHTH Ave 25 S Cabrillo S 25xE 82-6. N Clark & Son vs Charles Haggans $41.70
Feb. 21, 1924—S MONTEREY BLVD. 25 W Congo W 25 x S 100 lot 49 blk. 36, Sunnyside. Edwin T. Peterson vs. W. T. and Jane Doe Cutler $412.22
Feb. 25, 1924—S HAIGHT 105 W Broderick. Achille Brunicardi vs. V. Imshenetsky, Valdimer Vogulkin, Marguarette Vogulkin $270
Feb. 25, 1924—LOTS 19 and 20 Blk. 5618 Fmly. 387 and 429 Gift Map 3. Greater City Lumber Co. vs. Biagio and Maria Cava $268.80
Feb. 25, 1924—N JOOST AVE. 200 E Hamburg E 25 x N 100 Block 6, Sunnyside. Greater City Lumber Co. vs. G. E. Hohman and Helen Hohman .....$25.
Feb. 27, 1924—SW CALIFORNIA & Joice W 72 S 137-6 E 20 N 20 E 52 N 117-6. Diestel & Vezina vs Carrie E and Henry S Bridge..... .....$5216.62

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Feb. 26, 1924—N GEARY 87-6 E Larkin N 50 No. 838-72 Geary. E H Bauccel as to improvements on property .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
921	Porter	Henderson	10000
922	Surr	Anderson	7365
923	Werner	Owner	2500
924	Ulsh	Houle	9500
925	Wolfe	Owner	2000

926	Cottage	Koph	3000
927	Walthall	Thele	3700
928	Speed	Owner	2500
929	Mehrtens	Welleford	5900
930	Abrahams	Barber	3250
931	Mussota	Paserino	5000
932	Mehrtens	Williford	2950
933	Lee	Owner	4000
934	McCarthy	Owner	1500
935	Nikon	Ihrke	5000
936	Richardson	Foreman	5000
937	Barker	Binnings	2800
938	Maltiasom	Owner	2600
939	Koenig	Felton	8100
940	Bostock	Owner	4600
941	Goin	Monroe	4000
942	Bernde	Owner	1000
943	Staple	Wheeler	4500
944	Codde	Peters	3500
945	Rose	Muller	38000
946	Fisher	Owner	5500
947	Larson	Lemoir	3000
948	Graybill	Owner	4000
949	Key System	Schnebly	1451
950	Morgan	Norgrove	3765
951	Westinghouse	Grinnell	9864
952	Westinghouse	Bender	3194
953	Westinghouse	Zelinsky	5971
954	McKillop	Smith	5000
955	Swift	Swift	7000
956	Morgan	Norgrove	3765
957	Blackhall	Smith	4900
958	Restenpart	Smith	4800
959	Smith	Owner	4900
960	Brown	Brown	5500
961	Nischols	Long	7000
962	Jordin	Owner	3800
963	Forsythe	Cushman	1040
964	Hozack	Owner	5000
965	Halverson	Owner	3400
966	Lassen	Lassen	6500
967	Taft	Stewart	3560
968	Tazer	Moe	2400
969	Anderson	Flittner	5960
970	Corder	East Bay	1652
971	Same	Zeis	1229
972	Same	Scott	2280
973	Schweizer	Thrams	3500
974	Dayne	Owner	10000
975	Grenner	Owner	1000
976	White	Owner	3000
977	Buhman	Owner	3000
978	Holley	Brown	4000
979	Allen	Hughes	3000
980	Brainard	Owner	2000
981	Watkins	Owner	4000
982	Brown	Owner	3000
983	Eureka Mill	Rees Co.	1500
984	Anderson	Flittner	5960
985	Schmill	James	1850
986	Flittner	Owner	3000
987	Silva	Owner	10000
988	Armstrong	Owner	2800
989	Patterson	Owner	4000
990	Summarborg	Marthale	7500
991	Myer	Hudson	3600
992	Carmen	Hale	3400
993	Allen	Hughes	3000
994	Quinley	Owner	2800
995	Malone	Owner	2000
996	Parker	Sconzers	10000
997	Eisenbise	Owner	3000
998	Cotton Bros.	Owner	3000
999	Newman	Owner	2000
1000	Morrison	Owner	6500
1001	Newman	Owner	4000
1002	Shipman	Owner	5500
1003	Lappo	Owner	20000
1004	Roth	Murch	54770
1005	Hamilton	Tomasello	2000
1006	Walsh	Owner	2500
1007	Bishop	Owner	4000
1008	Anderson	Owner	5700
1009	Newman	Rutherford	1610
1010	Bowers	Frederick	3000
1011	California	Kennedy	1500
1012	United	Owner	1500
1013	Young	Owner	3000
1014	Lange	Haun	7100
1015	Cavena	Kinochio	2500
1016	Woodburn	Owner	4000
1017	Kennedy	Stoner	6000
1018	Lee	Graham	4000
1019	Crane	Shipman	3400
1020	Noris	Norris	9000
1021	Same	Same	6000
1022	Davidow	Owner	3000
1023	Johnson	Peterson	8654
1024	Roggero	Passarino	9000
1025	Oakland	Faulkes	1650
1026	Oishi	Owner	2850
1027	Cary	Owner	2500
1028	Francis	Owner	1000
1029	Laffeche	Flittner	3680
1030	McCarthy	Owner	8000
1031	McCoy	Owner	2000
1032	Sundstrom	Owner	1800
1033	Flietz	Shrader	1105
1034	Laffeche	Flittner	3680
1035	Roberts	Murch	23064
1036	Korth	Windsor	5100
1037	Anderson	Nelson	5500
1038	Henshaw	Stolte	17000
1039	Beck	Griffith	1400
1040	Alden	Rose	3500
1041	Moskowitz	Parks	1000
1042	Smith	Owner	2500
1043	Strong	Same	2000
1044	Rheim	Knight	17700
1045	Scontrianer	Powers	25000
1046	Field	Federal	4000
1047	Kaiser	Westlund	15420
1048	Graff	Winklund	1900
1049	Pfrang	Owner	6000
1050	Vagtsherger	Knight	16000
1051	Tomlinson	Owner	7500
1052	Kyle	Owner	3750
1053	Vis	Kingrea	2700
1054	Pery	Owner	2500
1055	Silva	Owner	3250
1056	Glantz	Owner	4000
1057	Key	Owner	2200
1058	Harvey	Richmond	10000
1059	Hillside	Sorensen	18738
1060	Wendering	Fox	3032
1061	Dempster	Bertelsen	14380
1062	Roth	Scott	3755

DWELLINGS
(921) 833 & 837 THE ALAMEDA, Berkeley. Two 1-story 6-room dwlgs and garage.
Owner—W. A. Porter.
Architect—None.
Contractor — E. F. Henderson, 5744 Keith Ave., Oakland. $5000 each

DWELLING
(922) 2620 CEDAR ST., Berkeley. 1-story 6-room dwelling.
Owner — Vincent Surr, 2807 Piedmont Ave., Berkeley.
Architect — Hutchinson & Mills, 1214 Webster St., Oakland.
Contractor — A. Frederick Anderson, 2800 Delaware St., Oakland. $7365

DWELLING
(923) 1304 DWIGHT WAY, Berkeley. 1-story 5-room dwelling and garage.
Owner—Chas. A. Werner, 2416 10th St., Berkeley.
Architect—None. $2500

DWELLING
(924) 1514 LE ROY, Berkeley. 2-story 9-room dwelling and garage.
Owner—R. L. Ulsh, 1310 Bay St., Ala.
Architect—W. A. Doctor, 410 15th St., Oakland.
Contractor—Henry Houle, 5901 Scenic Way, Oakland. $9500

DWELLING
(925) 2217 SACRAMENTO, Berkeley. 1-story 4-room dwelling and garage.
Owner—W. Wolfe and C. L. Fessenden 419 Colusa, Berkeley.
Architect—None. $2000

DWELLING
(926) 3220 BAYO VISTA AVE., Alameda. 1-story 5-room dwelling.
Owner—Fitts, Cottage and Santa Clara, Alameda.
Architect—None.
Contractor—B. F. Koph, 845 Pacific Ave Alameda. $3000

REMODEL
(927) 1826 CLINTON, Alameda. Rem.
Owner—G. F. Walthall, prem.
Architect—None.
Contractor—F. J. Thele, 3221 Thompson Ave., Alameda. $3700

DWELLING
(928) 1104 COURT ST., Alameda. 1-story 5-room dwelling.
Owner—E. T. Speed, 337 105th Ave., Oakland.
Architect—None. $2500

DWELLINGS
(929) LINCOLN AVENUE., Alameda. Two 1-story 4-room dwellings.
Owner—H. G. Mehrtens, Webster St., Alameda.
Architect—None.
Contractor — Howard Willeford, 3265 Central Ave., Alameda. $2950 ea.

ALTERATIONS
(930) 615 LINCOLN AVE., Alameda. Alterations.
Owner—C. B. Abrahams, 6115 Lincoln, Alameda.
Architect—None.
Contractor—D. E. Barber, 1336 62nd Ave., Oakland. $3250

DWELLING
(931) 713 PACIFIC, Alameda. 1-story 6-room dwelling.
Owner—Chas. Mussotto, Alameda.
Architect—None.
Contractor—J. Paserino, 1862 8th St., Alameda. $5000

DWELLING
(932) SIXTH STREET, Alameda. One-story 4-room dwelling.
Owner—H. G. Mehrtens, Webster St., Alameda.
Architect—None.
Contractor — Howard Willeford, 3265 Central Ave., Alameda. $2950

DWELLING
(933) 3264 THOMPSON, Alameda. 1-story 5-room dwelling.
Owner—Samuel Lee, 1801 Lafayette St., Alameda.
Architect—None. $4000

ADDITION
(934) 5356 COLLEGE AVE., Oakland. 1-story brick add.
Owner—Ed. J. McCarthy, prem.
Architect—None. $1500

DWELLING
(935) 331 E TWENTY-FIRST ST., Oakland. 1-story 6-room dwlg.
Owner—J. D. Nelson, 2015 Broadway, Oakland.
Architect—None.
Contractor—A. C. Ihrke, 2015 Broadway, Oakland. $5000

DWELLING
(936) 5068 FAIRFAX AVE., Oakland. 1-story 6-room dwelling.
Owner—C. S. Richardson, E 15th St., Oakland.
Architect—None.
Contractor — Foreman & Cox, 4330 Pampas, Oakland. $5000

DWELLING
(937) 1849 FOOTHILL BLVD., Oakland. 1-story 6-room dwelling.
Owner — S. Barker, 3809 E 14th St., Oakland.
Architect—None.
Contractor—Roy Binnings, San Pablo Ave., Oakland. $2800

DWELLING
(938) 3926 FLORIDA ST., Oakland. 1-story 4-room dwelling.
Owner — Maltiason & Donance, 3095 Hopkins St., Oakland.
Architect—None. $2600

DWELLINGS
(939) S FIFTY-FIFTH ST., 315, 287, and 345 W Lowell St., Oakland. Three 1-story 4-room dwellings.
Owner—Max Koenig.
Architect—None.
Contractor—C. Felton, 1309 Myrtle St., Oakland. $2700 ea.

DWELLING
(940) W HIGH ST. 400 N Carrington, Oakland. 1½-story 6-room dwelling.
Owner—T. Bostock, 4532 San Carlos Av Oakland.
Architect—None. $4600

ALTERATIONS
(941) 654 FIFTY-THIRD ST., Oakland Alterations and erect garage.
Owner — Mrs. R. Gom, 2102 Channing Way, Berkeley.
Architect—None.
Contractor—J. W. Monroe, 5538 Claremont Ave., Oakland. $4000

ALTERATIONS
(942) 6059 HARWOOD AVE., Oakland. Alterations and erect garage.
Owner—Mrs. Bernde, premises.
Architect—None. $1000

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DWELLING
(943) 3602 LINCOLN AVE., Oakland. 2-story 7-room dwlg.
Owner—Ernest Staple, premises.
Architect—None.
Contractor—J. E. Wheeler, 1307 Marin Ave., Berkeley. $4500

DWELLING
(944) 1830 SIXTY-SEVENTH AVE., Oakland. 1-story 5-room dwelling.
Owner—E. F. Codde, 4108 E 12th St., Oakland.
Architect—None.
Contractor—L. A. Peters, 3485 Davis St Oakland. $3500

FACTORY BLDG.
(945) TWENTY-SECOND & MYRTLE Sts., Oakland. 2-story brick factory bldg.
Owner—Rose Baking Co., 805 Syndicate Bldg., Oakland.
Architect—None.
Contractor—F. A. Muller, 805 Syndicate Bldg., Oakland. $38000

DWELLING
(946) E TRESTLE GLEN RD. 200 N Brookwood, Oakland. 2-story 6-room dwelling.
Owner—H. P. Fisher, Syndicate Bldg., Oakland.
Architect—None. $5500

DWELLING & STORE
(947) S TRENOR 199 E Sixty-second Ave., Oakland. 1-story 5-room dwelling and store.
Owner—J. N. Larson, 6217 Trenor St., Oakland.
Architect—None.
Contractor—J M. Lemoir, 3000 Seminary Ave., Oakland. $3000

DWELLING
(948) N WALNUT AVE., 80 W Lilac, Oakland. 1-story 6-room dwelling.
Owner—W. B. Graybill, 2203 9th Ave., Oakland.
Architect—None. $4000

ROOF ALTERATIONS
(949) SW TWENTY-SECOND AND Grove Sts., Office Bldg. of Key System Transit Co., Oakland Cal.
Owner—Key System Transit Co., 22nd and Grove Sts., Oakland.
Architect — Wm. E. Milwain, Pacific Bldg., Oakland.
Contractor — Schnebly & Hostrauser, 6th and Jackson Sts., Oakland.
Filed Feb. 21. 1924. Dated Feb. 21, 1924.
Roof alt. com. $1199.00
Usual 35 days after ac. 252.75
TOTAL COST $1451.75
Bond, $730. Sureties, New Amsterdam Casualty Co. Forfeit, none. Limit, 22 days. Plans and Specifications filed.
NOTE—Permit reported Feb. 14, 1924,

DWELLING
(950) POR. PLOT 51 of Kellerberger's Map of the Ranchos V & D Peralta, Berkeley. One-story 6-room dwlg.
Owner—Albert Henry Morgan, Jr. and Florence Emma Morgan.
Architect—None.
Contractor — C. M. Norgrove, 2220 Roosevelt, Oakland.
Filed Feb. 21, 1924. Dated Feb. 19, 1924.
Frame up $941.25
Brown coated 941.25
Completed 941.21
Usual 35 days after 941.25
TOTAL COST, $3765.00
Bond, Sureties, Forfeit, none. Limit, 90 days. Plans and Specifications filed.

CONCRETE BLDG.
(951) PROP. BOUNDED BY Powell, Landegran and Paladean Sts., Emeryville. 3-story rein. con. bldg. & 1-story bldg. covering sprinkler work.
Owner—Westinghouse Electric & Mfg. Co., of E Pittsburgh, Penn., prem.
Architect—Bernard H. Prack, 801 Keystone Bldg, Pittsburgh, Penn.
Contractor—Grinnell Co. of the Pacific 453 Mission St., San Francisco.
Filed Feb. 20, 1924. Dated Jan. 22, 1924.
10th of each mo, value of work and materials com. and del....75%
Com. entire work 75%
25 days after com. .....bal. due
TOTAL COST, $9864
Bond, $9864. Sureties, Natl. Surety Co. of N. Y. Forfeit, none . Limit, none. Plans and Specifications filed.

(952) ROOFING ON ABOVE.
Contractor—Bender Roofing Co., Monadnock Bldg., San Francisco.
Filed Feb. 20, 1924. Dated Jan. 7, 1924.
Payments same as above.
TOTAL COST, $3194.
Bond, $3194. Sureties, Nat'l. Surety Co. of N. Y. Forfeit, Limit, none. Plans and Specifications filed.

(953) PAINTING ON ABOVE.
Contractor—R. Zelinsky, 693 Mision St., San Francisco.
Filed Feb. 20, 1924. Dated Jan. 22, 1924.
Payments same as above.
TOTAL COST, $5971.
Bond, $5971. Sureties, National Surety Co. Forfeit, Limit, none. Plans and Specifications filed.

DWELLING
(954) NO. 665 ARLINGTON, Berkeley. Two-story 7-room dwelling.
Owner—A. M. McKillop, 1218 Carlotta St., Berkeley.
Architect—J Harry Smith.
Contractor—J. Harry Smith, 508 Lexington St., Berkeley. $5000

DWELLINGS
(955) 2524 AND 2528 McGEE, Berkeley. Two one-story 5-room dwlgs.
Owner — Agnes R. Swift, 6073 Claremont Ave., Berkeley.
Architect—None.
Contractor—J. W. Swift, 6073 Claremont Ave., Berkeley. $3500 each

DWELLING
(956) NO. 2919 MABEL, Berkeley. One-story 5-room dwelling and garage.
Owner—A. H. Morgan Jr., 1311 Ashby Ave., Berkeley.
Architect—C. M. Norgrove.
Contractor—C. M. Norgrove, 2220 Roosevelt St., Berkeley. $3765

DWELLING
(957) NO. 1826 SAN RAMON, Berkeley Two-story 6-room dwelling.
Owner—A. R. M. Blackhall, 917 Shattuck Ave., Berkeley.
Architect—None.
Contractor—J. Harry Smith, 508 Lexington St., Oakland. $4900

DWELLING
(958) NO. 751 THE ALAMEDA, Berkeley. One-story 6-room dwlg.
Owner—M. Myrtle Restenpart, Cor. Solano and The Alameda, Bkly.
Architect—None.
Contractor—J. Harry Smith, 508 Lexington St., Berkeley. $4800

DWELLING
(959) NO. 855 THE ALAMEDA, Berkeley. One-story 6-room dwlg.
Owner—J. Harry Smith, 508 Lexington St., Berkeley.
Architect—None. $4900

DWELLING
(960) LOT 9 BLK 21, Thousand Oaks Tract, Berkeley. One and one-half story 6-room dwelling.
Owner—Dorothy M. Brown, 916 Union St., Alameda.
Architect—None.
Contractor—D. M. Brown and W. K. Bartzer, 916 Union St., Alameda. $5500

DWELLING
(961) NO. 1927 YOSEMITE ROAD, Berkeley. One-story 6-room dwelling and garage.

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones—the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert C. Samuels Co. JEWELERS
33 Kearny 895 Market

Owner—Weldon C. Nicholas, 2509 Milvia St., Berkeley.
Architect—None.
Contractor—Roy O. Long Co., 2114 Shattuck Ave., Berkeley. $7000

DWELLING
(962) E BOSTON AVE 195 N Hopkins St., Oakland. One-story 5-room dwelling.
Owner—N. C. Jerdin, 3135 Champion St., Oakland.
Architect—None. $3800

ADDITION
(962) E BOSTON AVE 195 N Hop- Oakland. Addition.
Owner—Mrs. Forsythe.
Architect—None.
Contractor—C. A. Cushman, 1675 85th Ave., Oakland $1040

DWELLING
(964) W HAVENSCOURT BLVD. 369 S Arthur, Oakland. One-story 5-room dwelling.
Owner—Wm. Hozack, 4256 Piedmont Ave., Oakland.
Architect—None. $5000

DWELLING
(965) W LAUREL AVE 33½ N Montana, Oakland. One-story 5-room dwelling
Owner—H. H. Halverson, 3056 Montana St., Oakland.
Architect—None. $3400

DWELLING
(96) NO. 1073 MANDANA BLVD., Oakland. One-story 7-room dwelling.
Owner—Carl C Lassen.
Architect—None.
Contractor—Lassen & Shields. 123 Palm Drive, Oakland. $6500

(966) NO. 1073 MANDANA BLVD, Oak- S Holly, Oakland. One-story 5-room dwelling.
Owner—Mrs. Gertrude Taff, 3014 Bartlett St., Oakland.
Architect—None.
Contractor—M. A. Stewart, 1568 78th Ave., Oakland. $3560

(968) NO. 1729 PLEASANT VALLEY Ave., Oakland. All work for addition to residence.
Owner—A. Tazer, 1727 Pleasant Valley Ave., Oakland.
Architect—None.
Contractor—H. A. Moe, 4116 Allendale Ave., Oakland.
Filed Feb. 23, '24. Dated ——.
Frame up ..... ¼
When enclosed ..... ¼
When plastered ..... ¼
Usual 35 days..... ¼
TOTAL COST, $2460
Bond, limit, forfeit, none. Specifications only filed.

DWELLING
(969) SE COR. LOTS 25 AND 26 BLK "P" Amended Map Moss Tract, Brooklyn Tract, Oakland. All work for four-room and basement frame dwelling.
Owner—Carl and Augusta Anderson, 1640 35th Ave., Oakland.
Architect—None.
Contractor — — Jos. Flittner, 1700 35th Ave., Oakland.
Filed Feb. 23, '24. Dated Feb. 21, '24.
Frame up $1490
Brown coated 1490
Completed and accepted..... 1490
Usual 35 days..... 1490
TOTAL COST, $5960
Bond, none. Limit, 90 days after Feb. 25, 1924. Forfeit, $3. Plans and specifications filed.

SHEET METAL WORK
(970) NW FIFTEENTH AND CLAY, Oakland. Sheet metal work for building.
Owner—Arthur E. Corder, 350 Lenox Ave., Oakland.
Architect — Reed & Corlett, Oakland Bank of Savings Bldg., Oakland.
Contractor—East Bay Sheet Metal Works, 223 Broadway, Oakland.
Filed Feb. 23, '24. Dated Feb. 20, '24.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1652
Bond, $826. Surety, Fidelity & Deposit Co. of Maryland. Limit, June 15, 1924. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported Jan. 17, 1924 No. 252.

(971) PLUMBING WORK ON ABOVE.
Contractor—Oscar L. Zeis, 787 22nd St., Oakland.
Filed Feb. 23, '24. Dated Feb. 15, '24.
Payments same as above.....
TOTAL COST, $1229
Bond, $615. Surety, Fidelity & Deposit Co. of Maryland. Limit, June 15, 1924. Forfeit, none. Plans and specifications filed.

(972) HEATING SYSTEM ON ABOVE
Contractor—Scott Co., Inc., 381 11th St., Oakland.
Filed Feb. 23, '24. Dated Feb. 15, '24.
Payments same as above.....
TOTAL COST, $2280
Bond, $1140. Surety, Globe Indemnity Co. Limit, June 15, 1924. Forfeit, none. Plans and specifications filed.

DWELLING
(973) S ASPHENWALD RD E Thornhill Rd., Oakland. 1-story 5-room dwelling.
Owner—Karl Schweiger, 229 11th St., San Francisco.
Architect—None.
Contractor—C. H. Thrains, 529 37th St., Oakland. $3500

APARTMENTS
(974) N BOND ST. 150 E 51st Ave., Oakland. 2-story 12-room apts.
Owner—A. F. Dayne, 5130 Bond St., Oakland.
Architect—None. $10,000

ADDITION
(975) 3353 BROADWAY, Oakland. Addition.
Owner—Wm. Greuner, 178 Grand Ave., Oakland.
Architect—None. $1000

DWELLING
(976) N BRAUN 100 W Havenscourt, Oakland. 1-story 5-room dwelling.
Owner—J. T. White, 6680 Braun, Oakland.
Architect—None. $3000

DWELLING
(977) E BARTLETT ST. 80 S Lynde, Oakland. 1-story 4-room dwelling.
Owner—P. J. Buhman, 2412 Palmetto Ave., Oakland.
Architect—None. $3000

DWELLING
(978) 3600 BRUCE ST., Oakland. 1-staory 6-room dwelling.
Owner—Thos. A. Holley, premises.
Architect—None.
Contractor—Chas. F. Brown and A. Stenbro, 1707 Broadway, Oakland. $4000

DWELLING
(979) N BIRDSALL AVE. 100 N Morconi, Oakland. 1-story 4-room dwlg
Owner — Flora Allen, 738 Rand Ave., Oakland.
Architect—None.
Contractor—A. B. Hughes 738 Rand Av. Oakland. $3000

DWELLING
(980) N E-EIGHTEENTH ST. 150 E 41st Ave., Oakland. 1-story 4-room dwelling.
Owner—C. A. Brainard, 479 36th St., Oakland.
Architect—None. $2000

(981) N E-TWENTIETH ST. 37 W 24th Ave., Oakland. 1-story 5-room dwelling.
Owner—G. Watkins, 2151 E-24th St., Oakland.
Architect—None. $4000

DWELLING
(982) 1405 E THIRTY-SIXTH ST., Oakland. Onelstory 5-room dwelling.
Owner—Chas. F. Brown, 1707 Broadway, Oakland.
Architect—None. $3000

INCINERATOR
(983) 3615 E-FOURTEENTH ST, Oakland. Incinerator.
Owner—Eureka Mill Co., premises.
Architect—None.
Contractor—Rees Blow Pipe Co., San Francisco. $1500

DWELLING
(984) 2731-33 E-SEVENTEENTH ST., Oakland. 1-story 8-room dwelling.
Owner—Carl Anderson, 1640 35th Ave, Oakland.
Architect—None.
Contractor—Jas. Flittner, 1700 35th Ave., Oakland. $5960

DWELLING
(985) N EIGHTEENTH AVE. 200 S E-14th St., Oakland. 1-story 3-room dwelling.
Owner—Geo. Schenill, 1127 Clay St., Oakland.
Architect—None.
Contractor—James & Fell, 3889 Brown Ave., Oakland. $1850

DWELLING
(986) 1900 EIGHTY-SECOND AVE., Oakland. 1-story 4-room dwelling.
Owner—Jas. Flittner, 1700 35th Ave., Oakland.
Architect—None. $3000

APARTMENTS
(987) W FIFTH AVE. 80 S E-17th St., Oakland. 2-story 13-room apts.
Owner—J. S. Silva, 1641 5th Ave., Oakland.
Architect—None.
Contractor—J. G. Silva, 1641 5th Ave., Oakland. $10,000

DWELLING
(988) S FOOTHILL BLVD 41 W 78th Ave., Oakland. 1-story 5-room dwelling.
Owner, E. W. & L. M. Armstrong, 3131 Clark St., Oakland.
Architect—None. $2800

DWELLING

(989) W HAVENSCOURT 120 N Arthur, Oakland. 1-story 5-room dwelling.
Owner—J. L. Patterson, premises.
Architect—None. $4000

DWELLING
(990) 614 & 616 HALLSBOROUGH, Oakland. 1-storl 8-room dwelling.
Owner — John E. Summarborg, 2961 Magnolia St., Oakland.
Architect—None.
Contractor—Vaino J. Mathale, 2405 McKinley Ave., Oakland. $7500

DWELLING
(991) 2552 MONTANA ST., Oakland. 1-story 5-room dwelling.
Owner—Edyth Myer.
Architect—None.
Contractor—L. G. Hudson, 1771 Evers Ave., Oakland. $3600

ALAMEDA PERMITS ... ...
DWELLING
(992) W MINNA AVE 40 S Penniman, Oakland. 1-story 5-rm. dwlg.
Owner—C. C. Carmen, Oakland.
Architect—None.
Contractor—Hall & Falkenstein, 2629 Short St., Oakland. $3400

DWELLING
(993) N MORCONI 100 W Birdsall, Oakland. 1-story 4-rm. dwlg.
Owner—Flora Allen, 738 Rand Ave., Oakland.
Architect—None.
Contractor—A. B. Hughes, 738 Rand Ave., Oakland. $3000

DWELLING (2)
(994) W 101ST AVE 130-168 S Birch, Oakland. 2-story 4-rm. dwlg. (2).
Owner—L. A. Quinley, 3044 School St., Oakland.
Architect—None. $2800 each

DWELLING
(995) W 104TH AVE 100 S Birch St., Oakland. 1-story 5-rm. dwlg.
Owner—Robt. Malone, 1911 103rd Ave., Oakland.
Architect—None. $2000

CLUBHOUSE
(996) E PARKER ST 140 N Ney, Oakland. 1-story clubhouse.
Owner—Parker Imp. Club.
Architect—None.
Contractor—G. T. Sconyers, 7735 Ney Ave., Oakland. $1000

DWELLING
(997) E PINEHAVEN RD, Oakland. 1-story 5-rm. dwlg.
Owner—H. M. Eisenbise, 504 Pacific Bldg., Oakland.
Architect—None. $3000

DWELLING
(998) 4238 REDDING ST., Oakland. 1-story 4-rm. dwlg.
Owner—Cotton Bros., 3824 39th Ave., Oakland.
Architect—None. $3000

DWELLING
(999) SE COR 64TH AND FLORA, Oakland. 1-story 4-rm. dwlg.
Owner—E. O. Newman, 2316 Buena Vista, Alameda.
Architect—None $2000

FLATS
(1000) N 65TH ST 130 E Telegraph Ave., Oakland. 2-story 8-rm. flats.
Owner—K. C. Morrison, 443 62nd St., Oakland.
Architect—None. $6500

DWELLING
(1001) E 64TH AVE 30-64 S Flora, Oakland. Two 1-story 4-rm dwlgs.
Owner—E. O. Newman, 2316 Buena Vista, Alameda.
Architect—None. $2000 each

DWELLING (2)
(1002) 2666 AND 2670 66TH AVE., Oakland. Two 1-story 4-rm. dwlgs. (2).
Owner—C. A. Shipman, 5839 Ft. Blvd., Oakland.
Architect—None. $2750 each

GARAGE
(1003) N 20TH ST 200 W Grove, Oakland. 1-story tile and brick gar.

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY
(THE SAN FRANCISCO BANK)
SAVINGS COMMERCIAL
INCORPORATED FEBRUARY 10th, 1868.
One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.
Member Associated Savings Banks of San Francisco
526 California Street, San Francisco, Cal.
DECEMBER 31st, 1923
Assets..... $89,174,468.57
Capital, Reserve and Contingent Funds..... 3,850,000.00
Employees' Pension Fund..... 430,275.37
MISSION BRANCH.....Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....Haight and Belvedere Streets
WEST PORTAL BRANCH.....West Portal Ave. and Ulloa St.
Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

Owner—L. Lappo, 815 Grand Ave., Oakland.
Architect—None.
$20000

COMPLETION OF BLDG.
(1004) LOTS 11 AND 12 AND POR. Lots 50 and 51, Map College Tract, Berkeley. Completion of uncompleted building.
Owner — Rebecca F. Roth, San Francisco.
Architect—None.
Contractor—Murch-Williams Const. Co. Fox Bldg., Oakland.
Filed Feb. 25, 1924. Dated Feb. 18, 1924.
Con. on 3rd floor line and joists in place .....$6,000.
Con. firewalls poured and finish, roof on 7,000
Ready for plastering 4,000
Int. plaster com., 1st coat outside 8,500
Int. trim in place ready to paint 6500
Int. trim in place ready to paint 6,500
35 days after completed.....16,469
TOTAL COST, $54,770
Bond, $27,385. Sureties, Maryland Casualty Co. Forfeit, $25 per day. Limit, 100 days. Plans and Specifications filed.

DWELLING
(1005) SW DWIGHT WAY AND Mabel St., Berkeley. One-story 4-room dwelling.
Owner—L. B. Hamilton, 2833 9th St., Berkeley.
Architect—None.
Contractor—F. Tomasello, 2314½ 8th St., Berkeley. $2000

DWELLING
(1006) NO. 1813 CURTIS ST., Berkeley One-story 5-room dwelling.
Owner—Maurice Walsh, 2675 75th Ave., Oakland.
Architect—None. $2500

DWELLING
(1007) 587 ATHOL AVE., Oakland. 1-story 6-room dwelling.
Owner—J. B. Bishop, 811 Adams St., Albany.
Architect—None. $4000

DWELLINGS
(1008) E AUSEON AVE. 135, 160, 185 N Olive St., Oakland. Three 1-sto. 3-room dwellings.
Owner—A. P. Anderson, 1110 Warfield Ave., Oakland.
Architect—None. $1900 each.

GARAGE
(1009) 681 AILEEN ST., Oakland. 1-story tile garage.
Owner—Alfred Newman, 2310 San Jose Ave., Alameda.
Architect—None.
Contractor—Thos. Rutherford, 985 35th St., Oakland. $1610

DWELLING
(1010) 5023 CONGRESS AVE., Oakland One-story 5-room dwelling.
Owner—Mrs. E. Bowers, 714 16th St., San Francisco.
Architect—None.
Contractor — F. Frederick, 5009 Congress Ave., Oakland $3000

ALTERATIONS
(1011) 4127 E-FOURTEENTH ST., Oakland. Alterations.
Owner—Cal. Auto Sale Co.
Architect—None.
Contractor—F. F. Kennedy, 434 9th St., Oakland. $1500

ALTERATIONS
(1012) SW COR. ELEVENTH AND Broadway, Oakland. Alterations.
Owner—United Cigar Stores.
Architect—None. $1500

DWELLING
(1013) 2409 EIGHTY-NINETH AVE., Oakland 1-story 6-room dwlg.
Owner—E. M. Young, 8933 Foothill Blvd, Oakland.
Architect—None. $3000

DWELLING
(1014) S FIFTY-THIRD ST. 120 W Dover, Oakland. 1-story 8-room dwelling and garage.
Owner—Alfred D. Lange, 723 53rd St., Oakland.
Architect—None.
Contractor—J. J. Hawn, 822 56th St., Oakland $7100

DWELLINGS
(1015) 700 AND 708 FORTY-FOURTH St., Oakland. Two 1-story 3-room dwellings.
Owner—Chas. Cavagna, 641 45th St., Oakland.
Architect—None.
Contractor—J. B. Ginochio, 676 45th St., Oakland. $1750 each.

DWELLING
(1016) NE COR. FIFTY-SECOND AND Shattuck, Oakland. One-story 5-room dwelling.
Owner—R. C. Woodburn, 3117 College Ave., Berkeley.
Architect—None. $4000

DWELLINGS
(1017) 2900, 2906 and 2912 HOPKINS, Oakland. Two 1-story 6-room dwellings.
Owner—J. A. Kennedy and R. Salisbury, Bank Italy Bldg., Oakland.
Architect—None.
Contractor — M. B. Stoner, 544 Chelwood St., Oakland. $3000 each.

DWELLINGS
(1018) 2607 AND 2615 HAVENSCOURT Blvd., Oakland. Two 1-story 5-room dwellings.
Owner—Walter Lee, 4115 Foothill Blvd. Oakland.
Architect—None.
Contractor—C. H. Graham, 4201 E 16th St., Oakland. $3500 each.

DWELLING
(1019) SE COR. KANSAS and Midvale Oakland. 1-story 5-room dwlg.
Owner—Wm. D. Crane.
Architect—None.
Contractor—C. A. Shipman, 5839 Foothill Blvd, Oakland. $3400

DWELLINGS
(1020) N CALIFORNIA 120, 160, 200 E Laurel, Oakland. Three 1-story 5-room dwellings.
Owner—Justus Norris.
Architect—None.
Contractor—R. E. Norris, 3466 Woodruff Ave., Oakland. $3000 ea.

(1021) NE COR. LAUREL AND CALIfornia, Oakland. Two 1-story 5-room dwellings.
Owner—Justus Norris.
Architect—None.
Contractor—R. E. Norris, 3466 Woodruff Ave., Oakland. $3000 each

DWELLING
(1022) 1699 LAYMANCE, Oakland. 1-story 5-room dwelling.
Owner—L. V. Davidow, 670 Vernon St., Oakland.
Architect—None. $3000

DWELLINGS
(1023) S PLEASANT VALLEY COURT 200, 237 E Pleasant Valley Ave., Oakland. Two 1-story 5-room dwellings.
Owner—H. C. Johnson, 234 Liberty St., San Francisco.
Architect—None.
Contractor—Alfred Peterson, 3918 Linwood, Oakland. $4327 each.

STORES
(1024) W SAN PABLO 200 S 57TH ST. Oakland. 1-story brick stores.
Owner—M. Roggero & A. Manacardo, Oakland.
Architect—None.
Contractor — J. Passarino, 5518 San Pablo, Oakland. $9000

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SCHOOL
(1025) W SEVENTY-THIRD AVE. near Green Way, Oakland. 1-sto. school.
Owner—City of Oakland.
Architect—None.
Contractor—John R. Faulkes, 9828 E-14th St., Oakland. $1650

HOT HOUSES
(1026) 9712 SUNNYSIDE AVE., Oakland. Three 1-story hot houses.
Owner—B. Y. Oishi, premises.
Architect—None. $2650 each.

DWELLING
(1027) E SIXTY-EIGHTH AVE. 247 S Hamilton, Oakland. 1-story 4-rm. dwelling.
Owner—Mrs. E. H. Cary, 1088 68th Ave. Oakland.
Architect—None $2500

DWELLINGS
(1028) W SEVENTY-SEVENTH AVE. 220 N E-14th St., Oakland. Two 1-story 4-room dwellings.
Owner—C. B. Francis Co., 1470 87th Ave., Oakland.
Architect—None. $2000

DWELLING
(1029) 1450 SIXTY-EIGHTH AVE., Oakland. 1-story 6-room dwelling.
Owner—H. Laffeche, 3909 Brown Ave., Oakland.
Architect—None.
Contractor — Jas Flittner, 1700 35th Ave., Oakland. $3680

DWELLINGS
(1030) SE TWENTY-THIRD ST. 60, 71 E 17th Ave., Oakland. Two 1-story 5-room dwellings.
Owner—P. H. McCarthy, 153 Ashbury Ter., San Francisco.
Architect—None. $4000 ea.

DWELLING
(1031) E VIEW ST. 125 N John St., Oakland. 1-story 3-room dwlg.
Owner—Chas. P. McCoy, 4314 View St., Oakland.
Architect—None. $2000

DWELLING
(1032) 3926 WILDE AVE., (rear), Oakland. 1-story 3-room dwlg.
Owner—Geo. Lundstrom, premises.
Architect—None. $1800

ALTERATIONS
(1033) 3919 WEBSTER ST., Oakland. Alterations.
Owner—G. A. Flietz, premises.
Architect—None.
Contractor—J. F Shrader, 2004 Telegraph Ave., Oakland. $1105

PARTS OF DWELLING
(1034) LOT 12 AND NE 12.50 LOT 11 Blk. 5, Havenscourt, Oakland. Specified parts of 6-room dwelling.
Owner—Rock & Lena Laffeche, 3909 Brown Ave., Oakland.
Architect—None.
Contractor — Jas. Flittner, 1700 35th Ave., Oakland.
Filed Feb. 26, 1924. Dated Feb. 25, 1924.
Frame up $920
Brown coated 920
Completed and accepted 920
35 days after 920
TOTAL COST, $3680
Bond, Sureties, none. Forfeit, $2.00 per day. Limit 90 days after Feb. 27, 1924. Plans and Specifications filed.
NOTE—Permit applied for today.

GARAGE
(1035) E SIDE BROADWAY BET. Brock and Orchard Sts., Oakland. Garage building.
Owner—M. E. Roberts, 1632 E 19th St., Oakland.
Architect—E. W. Cannon, Central Bank Bldg., Oakland.
Contractor—Murch-Williams Const. Co. Fox Bldg., Oakland.
Filed Feb. 26, 1924. Dated Feb. 21, 1924.
Eighth day of each month, 75% value up to 1st of month. On com to increase to 75% total cont. price. Bal. 35 days after completion.
TOTAL COST, $23,064
Bond, $23,064. Sureties, Fidelity Deposit Co. of Md. Forfeit, none. Limit 75 days. Plans and Specifications filed.

DWELLING
(1036) NO. 928 KINGSTON AVE., Piedmont. One-story 6-room dwelling and garage.

Owner—Capt. Chas. Korth, 597 Apgar St., Oakland.
Architect—None.
Contractor—Geo. Windsor, 597 Apgar St., Oakland. $5100

DWELLING
(1037) NO. 219 PARK VIEW, Piedmont. One-story 6-room dwelling and garage.
Owner—H. M. C. Anderson.
Architect—None.
Contractor—E. W. Nelson, 616 47th St., Oakland. $5500

DWELLING
(1038) NO. 360 UNION AVE., Piedmont. Two-story 8-room dwelling and garage.
Owner—Fritz Henshaw, 49 La Salle St., Piedmont.
Architect—Sidney B. and Noble Newsom, Nevada Bank Bldg., S. F.
Contractor—F. C. Stolte, 3455 Laguna Ave., Oakland. $17,000

DWELLING
(1039) NO. 1465 CORNELL AVE., Berkeley. One-story 3-room dwelling.
Owner—E. F. Beck, 1115 Warfield Ave., Berkeley.
Architect—Warren R. Griffith.
Contractor—C. W. Griffith, 1323 96th Ave., Oakland. $1400

DWELLING
(1040) NO. 1227 CARLTON S., Berkeley. One-story 5-room dwelling
Owner—D. L. Alden, 1324-A Alcatraz, Oakland.
Architect—None.
Contractor—M. P. Rose, 940 Oxford St., Berkeley. $3500

FLATS
(1041) NO. 2901 GROVE, Berkeley. Two-story 8-room flats.
Owner—Jack Moskowitz, 2900 Grove St., Berkeley.
Architect—None.
Contractor—H. G. Parks, 1046 Peralta Ave., Berkeley. $1000

DWELLING
(1042) NO. 1205 WARD ST., Berkeley. One-story 5-room dwelling.
Owner—Andes Smith, 1606 Ward St., Berkeley.
Architect—None. $2500

SERVICE STATION
(1043) NE COR. BROOKDALE AND 35th Ave., Oakland. 1-story steel service station.
Owner—Strong & Alexander, 8119 E-14th St., Oakland.
Architect—None.
Contractor—F. E. Strong, 1104 14th St., Oakland. $2000

APARTMENTS
(1044) N E-TWENTY-FIRST ST. 125 E 5th Ave., Oakland. 2-story 17-room apartments.
Owner—Chas. J. Rhein, 1426 Franklin St., Oakland.
Architect—None.
Contractor — Harry C. Knight, 1426 Franklin St., Oakland. $17,700

GARAGE
(1045) SW COR. ELEVENTH & WEBster, Oakland. 1-story brick garage
Owner—Scontriana Bros., 1107 Broadway, Oakland.
Architect—None.
Contractor—J. J. Powers, 774 20th St., Oakland. $25,000

ROOF SIGN
(1046) SW COR. E-FOURTEENTH ST and 36th Ave., Oakland. Roof sign.
Owner—Field & Lee.
Architect—None.
Contractor—Federal Elec. Co.; Emeryville. $4000

DWELLING
(1047) SE COR. HADDON RD. AND Hillgirt Circle, Oakland. 2-story 10-room dwelling.
Owner—H. J. Kaiser.
Architect—None.
Contractor—F. J. Westlund, 351 12th St., Oakland. $15,420

ADDITION
(1048) 488 LAKESHORE AVE., Oakland. Addition.
Owner—Louise T. Fraff, premises.
Architect—None.
Contractor — Graff & Winlund, 1761 Franklin St., Oakland. $1900

DWELLING
(1049) 787 MANDANA, Oakland. 1-story 6-room dwelling.
Owner—C. J. Pfrang, 480 Forest St., Oakland.
Architect—None. $6000

APARTMENTS
(1050) NE COR. NINTH AVE. & E-19th St., Oakland. 2-story 16-room apartments.
Owner—V. Vagtsberger, 1426 Franklin St., Oakland.
Architect—None.
Contractor—H. C. Knight, 1426 Franklin St., Oakland. $16,000

FLATS
(1051) E PARK BLVD. 85 N Emerson, Oakland. 2-story 8-room dwelling.
Owner—C. L. Tomlinson, 3770 Park Blvd., Oakland.
Architect—None. $7500

DWELLING
(1052) E SIXTY-EIGHTH AVE 160 S Avenal Ave., Oakland. 1-story 4-room dwelling.
Owner—W. B. Kyle and C. A. Arnold, 2315 Broadway, Oakland.
Architect—None. $3750

SHOP
(1053) W SAN PABLO 250 S 34th St., Oakland. 1-story tile shop.
Owner—Adrion Vis.
Architect—None.
Contractor—J. T. Kingrea. $2700

DWELLING
(1054) N SANTA RAY 140 W Paloma Ave., Oakland. 1-story 5-room dwlg
Owner — J. Floyd Perry, 376 Santa Clara, Oakland.
Architect—None. $3500

DWELLING
(1055) E SIXTY-FOURTH AVE. 263 S Avenal Ave., Oakland. 1-story 5-room dwelling.
Owner—M. R. Silva, 1801 Park Blvd., Oakland.
Architect—None. $3250

DWELLING
(1056) 1301 THIRTEENTH AVE. Oakland. 1-story 5-room dwelling.
Owner—C. W. Glantz, 4122 E-14th St., Oakland.
Architect—None. $4000

ADDITION
(1057) TWENTY-SECOND, TWENTY-ourth, Linden, Chestnut, Oakland. 1-story frame addition.
Owner—Key System Transit Co., 22nd and Grove, Oakland.
Architect—None. $2200

APARTMENTS
(1058) N THIRTY-EIGHTH ST. 250 E Broadway, Oakland. 2-story 13-rm. apartments.
Owner—Mrs. M. Harvey, 257 38th St., Oakland.
Architect—None.
Contractor — Richmond & Whitmore, 2196 Harrington Ave., Oakland. $10,000

STORES & LOFT
N SEVENTEENTH ST. 160 E San Pablo, Oakland. 2-story tile stores and loft building.
Owner—R. E. McMann, 730 Arlington, Oakland.
Architect—C. N. Burrell.
Contractor—A. J. McPhee, 2144 E 27th St., Oakland. $28,000
NOTE—Recorded contract reported Feb. 13, 1924, No. 735.

CLUB HOUSE
(1059) BLK BOUNDED BY CEDAR, Virginia, Spruce and Arch Sts, Berkeley. All work for club house.
Owner—Hillside Club of Berkeley, Cedar and Arch, Berkeley.
Architect—None.
Contractor—Walter Sorenson, 3221 Ellis St., Berkeley.
Filed Feb. 27, 1924. Dated Feb. 26, 1924.
Each month 75%
Completed and accepted 75%
Usual 35 days .....Balance
TOTAL COST, $18,738
Bond, $18,738; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 120 days Plans and specifications filed.

HOUSE
(1060) 1923 NAPA ST., Berkeley. All work for 5-room house and garage.
Owner—A. A. Wendering & wife, Berkeley.
Architect—None.
Contractor — Fox Bros., 567 Kenmore Ave., Berkeley.
Filed Feb. 26, 1924. Dated Feb. 23, 1924.
Frame up .....¼
Plastered .....¼
Completed and accepted .....¼
Usual 35 days. .....¼
Bond, Sureties, Forfeit, none; Limit, 60 days after Feb. 25, 1924; Plans and specifications filed.

DWELLING
(1061) 1512 SCENIC AVE., Berkeley. All work for 2-story dwelling.
Owner—M. R. Dempster, 1512 Scenic, Berkeley.
Architect—W. H. Ratcliff, Jr., First National Bank Bldg., Oakland.
Contractor—S. J. Berteisen, 30 Estrella, Oakland.
Filed Feb. 27, 1924. Dated Feb. 27, 1924.
Frame up $3595
Brown coated 3595
Completed and accepted 3595
Usual 35 days 3595
Bond, $7190; Sureties, Globe Indemnity Co.; Forfeit, $5 day; Limit, 90 days; Plans and specifications filed.

HEATING ETC
(1062) LOTS 11 & 12 & POR. LOTS 50 51 Map of College Tract, Berkeley. Steam heating and domestic hot water work.
Owner—Rebecca F. Roth, S. F.
Architect — August G. Headman, Call Bldg., San Francisco.
Contractor — Scott Co., 381 11th St. Oakland.
Filed Feb. 26, 1924. Dated Feb. 18, 1924.
Roughed in $1415
Completed and accepted 1397
Usual 35 days 943
TOTAL COST, $3755
Bond, $1886; Sureties, H. M. Van Felt and Wm. O. Muther; Forfeit, $25 day; Limit, 60 days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Amount
Feb. 21, 1924—LOT 21 BLK. A Lower Piedmont Park, Piedmont. Chas. T. Ford to W. C. Ford .....Feb. 20, 1924
Feb. 21, 1924—1637 80TH AVE., Oakland. Harold Derry to C. M. Murray ....Feb. 17, 1924
Feb. 21, 1924—1309-11-13-15 San Pablo Ave., Berkeley. John S. Medes to Tandy & Thies .....Feb. 21, 1924
Feb. 21, 1924—1416 PACIFIC AVE., Alameda. Le Verne M. Spillman to whom it may concern ..Feb. 20, 1924
Feb. 21, 1924—POR. BLK. 47 Map of Southern Add. of Livermore, Alameda Co. Frank Gardella to W. J. Biddle ..... Feb. 13, 1924
Feb. 21, 1924—LOTS 76, 77 and 78, Blk. 12, Chevrolet Park, Oakland. R. E. Taylor to whom it may concern ..... Not given
Feb. 20, 1924—POR. LOTS 2, 3 and 4 Maple Terrace, Oakland. F. W. Brooks to whom it may concern.. ..... Feb. 20, 1924
Feb. 23, 1924—LOT 43 BLK 1, Berkeley Heights, Berkeley. Fred D Bowlus to O E Elliott..Feb. 23, 1924
Feb. 23, 1924—LOT 19 and ½ Lot 18 Blk 10 Map of Havenscourt, Oakland. F Hammel to whom it may concern .....Feb. 21, 1924
Feb. 23, 1924—LOT 20 BLK 4, Map Thousand Oaks, Berkeley. R Beadell and Geo J Lane to whom it may concern.....Feb. 23, 1924
Feb. 23, 1924—LOT 1 BLK "C" Map Orland Heights, Oakland. Gilbert L Sloan to whom it may concern .....Feb. 16, 1924
Feb. 23, 1924—NO. 428 WAYNE AVE. Oakland. Ad Santel to C Texdahl. .....Feb. 20, 1924
Feb. 23, 1924—LOT 11 BLK 1, Thousand Oaks Tract, Berkeley. I W Button to whom it may concern. ....Feb. 15, 1924
Feb 23, 1924—LOTS 14, 15, 16 AND 17 Blk 20 Breed & Bancroft's Sub of N-Alameda Tract, Oakland. Antone Ramos and F S Fraga to John I Easterly.....Feb. 21, 1924
Feb. 23, 1924—LOT 21 BLK 2 Map Lakeshore Highlands, Oakland. Leslie F Scherling to J B Sircy... .....Feb. 21, 1924

Feb. 21, 1924—NO. 1631 SACRAMENTO St., Berkeley. Rita Warford to Fred F Ingram et al..Feb. 13, 1924
Feb. 21, 1924—NO. 1629 SACRAMENTO St., Berkeley. Rita Warford to Fred F Ingram et al....Feb. 13, 1924
Feb. 21, 1924—No. 1625 SACRAMENTO St., Berkeley. Rita Warford to Fred F Ingram et al....Feb. 13, 1924
Feb. 21, 1924—1475 77TH AVE., Oakland. Orwin Laws Adams to whom it may concern .....Not given.
Feb. 21, 1924—1746 E 19TH ST., Oakland. Anna M. Figronid to Baker Bros. ..... Feb. 21, 1924
Feb. 21, 1924—CON. CROSSING ft. W 14th St. S. P. Co. to Hutchinson Co. .....Feb. 11, 1924
Feb. 21, 1924—1120 DARTMOUTH Ave., Albany. Mary Porter to whom it may concern .....Feb. 20, 1924
Feb. 21, 1924—1027 45TH AVE., Oakland. W. J. Hanner to whom it may concern .....Feb. 19, 1924
Feb. 21, 1924—2675 68TH AVE., Oakland. Paul Savy to whom it may concern ..... Feb. 20, 1924
Feb. 25, 1924—2324 98TH AVE., Oakland. Henry and Elizabeth Suppus to whom it may concern..Jan. 23, '24
Feb. 25, 1924—1—MAIN ST. from San Pablo to Thousands, Albany; 2—Calif. St. and University Ave., Berkeley. S. P. Co. to Hutchinson Co. ..... Feb. 16, 1924
Feb. 25, 1924—1—7TH ST. LINE at Peralta, Broadway, Webster, Alice and Fallan, also 23rd Ave. 2—14th and Franklin and 21st St. and Telegraph, Oakland. S. P. Co. to Hutchinson Co.....Feb. 16, 1924.
Feb. 25, 1924—E 45 ft. Lot 14, Map Central Fruitvale Tract, Brooklyn Tp., Oakland. C. F. Adams to whom it may concern .....Feb. 21, 1924
Feb. 25, 1924—810 PARU St, Alameda County Edgar H. Lion to C. E. and Bertha Anderson, and L. Anderson ..... Feb. 1, 1924.
Feb. 25, 1924—LOT 36 Ardsley Hgts. a re-seb. of Blks. G & H, Bella Vista Park, Oakland. Mary E. Reid to F. A. McCausland.... ..... Feb. 25, 1924

Feb. 25, 1924—NO LOCATION
Feb. 25, 1924 — LOCATION NOT Given. Wm. Bakker to whom it may concern.....
Feb. 25, 1924—LOCATION NOT
Feb. ,GIVENtrg xzfiffffffi Given. Louis De Jong to whom it may concern.....
Feb. 26, 1924—NO. 841 SAN LUIS RD Berkeley. C A McDaniels to W B Fields.....Feb. 23, 1924
Feb. 26, 1924—3128 SIXTY-THIRD Ave., Oakland. Nestor Constant to John Tell.....Feb. 25, 1924
Feb. 26, 1924—3[illegible]5 PARK BLVD, Oakland. Lydia [illegible] Goesch to whom it may concern.....Feb. 20, 1921
Feb. 26, 1924—N E ELSIOR AVE 65 W Park Blvd. Oakland. N E Brown to B H Schmidt..Feb. 21, 1924
Feb. 25, 1924—1725 OXFORD ST., Berkeley. Wm Oszdorft to F C Stolte.....Feb 23, 1924
Feb. 25, 1924 — 1449 EIGHTIETH Ave. Oakland. Walter B. Dickie to whom it may concern..Feb. 23, 1924
Feb. 25, 1924—2336 SIXTY-THIRD Ave., Oakland. D W. Parks to whom it may concern..Feb. 25, 1924
Feb. 27, 1924—LOT 11 MAP MADISON Square, Elmhurst, Brooklyn Tp., Oakland. C. E. Applebaugh to Anderson & Keeney ....Feb. 27, 1924
Feb. 27, 1924—LOT 22, Map Dimond Vista, Oakland. Karl S. Fredericksen to whom it may concern. .....Feb. 23, 1924
Feb. 27, 1924—LOTS 3 and 4, and por. lots 2 and 28, blk. 160, Kellersberger's Map of Oakland. Healy Bros. Co. to whom it may concern .....Feb 26, 1924
Feb. 27, 1924—LOT 23, BLK. 3, North Cragmont, Berkeley. Mrs. Jennie McAravy to whom it may concern .....Feb. 27, 1924
Feb. 27, 1924—2036 88TH AVE., Oakland. P. J. Cook to Geo. E. Nickerson .....Feb. 23, 1924
Feb. 27, 1924—2015 102ND AVE, Oakland. Chas. W. Griffith to whom it may concern.....Feb. 26, 1924
Feb 26, 1924—BERKELEY (no other add. given). Helen A., Josephine and Alice Stewart to H. Elmer Johnson .....Feb. 25, 1924
Feb. 26, 1924—211 HANOVER AVE., Oakland. J. H. Price to Johnson & Abdon .....Feb. 26, 1924

Feb. 26, 1924—S SIDE CARLTON, 120 E Mable St., Lot 4, Berkeley. Sam E. Lundgren to whom it may concern .....Feb. 25, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Feb. 23, 1924—NO. 250 E-TWENTY-eighth Ave., Oakland. Powell Bros. Inc vs E C Kramer and C W Kramer $57.35

Feb. 23, 1924—LOT 18 and W 5 Lot 17 Blk 6, Allendale Park Tract, Oakland. Powell Bros, Inc vs E C and C W Kramer.....$57.35

Feb. 23, 1924—NO. 165 E-THIRTY-eighth Ave., Oakland. Powell Bros, Inc vs E C and C W Kramer $57.40

Feb. 23, 1924—LOT 57 BLK 163, San Antonio Court, San Leandro. Leo Brisacher vs Roland E Steves... .....$219.51

Feb. 23, 1924—(1) PTN BLK 132 Horner's Add, City and County of San Francisco; (2) Ptn Blk 3 Map Lands Oakland Prospect Homestead Assn., Oakland. Sullivan & Sullivan and Theo J Roche vs Emily Adelaide Frey.....—
Feb. 23, 1924—PTN LOT 20 BLK "C" Plot of Encinal San Antonio Map Belleview Tract, Alameda. Hunter Lumber Co vs S J Pearson..... $60
Feb. 23, 1924—NO. 2733 NINTH AVE., Oakland. Rhodes Jamieson & Co vs F Lindsay Boyd and Clarence K Nichols.....$334.25
Feb. 21, 1924—1345, 1347 SIXTY-sixth St., Berkeley. F. E. Nelson and P. A. Anderson, "Nelson Lumber Co.," vs. H. Carlson and A. J. Sandusky, co-partners, Morris Kanoff and Fannie Kanoff his wife. $896.84
Feb. 26, 1924—W BONITA AVE 315 N Berriman N 50 W 134.64 S 50 E 134.64, Oakland. Andersen & Rasmussen vs Frank Tenner and R S Leopold.....$275
Feb. 26, 1924—LOT 15 BLK 2 Map of Stanyan Park, Berkeley. Eugene Ehret vs Morris and Fanny Kanoff $100
Feb. 26, 1924—LOT 16 BLK 2 Map of Stanyan Park, Bkly. Rhodes-Jamieson Co vs Carlson & Sandsky, Morris and Fanny Kanoff.$82.60
Feb. 26, 1924—LOT 15 BLK 2 Map of Stanyen Park, Berkeley. A Sandsky and H Carlson vs Morris and Fanny [illegible] $513.66
Feb. 27, 1924—1—LOT 11 and E 10 Lot 10, Blk. G Map Sub. Blks. E, F and [illegible] Mary E. Mortimer Add. to Niles, Niles: 2—Por. Lot 12, Blk. G, same map. Niles Sand, Gravel and Rock Co., Wm. H. Ford, Pres., vs. Chas. E. Peterson and M. S. Foss $70.63
Feb. 27, 1924—NW COR. BERKELEY Way and Oxford St., W 105.65; N 124.50; E 114.43; S 125 to beginning The Oakland Paving Co. vs. Jane McKeown $1078.39
Feb. 27, 1924—SW COR. OXFORD & Hearst, W 61.75 S 124.50 E 53.43 N 125 to beginning, Berkeley. The Oakland Paving Co. vs. Frank B. and Eva G Wootten $1027.50

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

Feb. 20, 1924—BEG. INTERSECTION NE line Vicente Peralta Reserve with NW line Ocean View Ave. N 31° 52' W 173.02' S 68° 55' 30" E 95.15' N 26° 15' E 20.66; S 31° 52' E 110.57 Oakland. Sunset Lumber Co. to F. A. Anderson $353.91
Feb. 20, 1924—BEG. INTERSECTION NW line Ocean View Drive and boundary line of Vicente Peralta Reserve which point is also 196.95 N from intersection of said line of Ocean View Dr. and SE line of Edwy., N 31° 52' W 173.02; S 68° 55' E 95.13; N 26° 15' E 20.66; S 31° 52' E 110.57 to line of Ocean View Dr. and S 75 ft. to cor., Oakland. McGowan & O'Connor to Fred A. Anderson $808.50
Feb. 14, 1924—LOT 20 Map Fremont Tract, Oakland. Powell Bros., Inc. to John Knipe $77.70
Feb. 14, 1924—LOTS 10 and 20 Map Fremont Tract, Oakland. Sunset Lumber Co. vs. John Knipe..$373.61
Feb. 7, 1924—LOT 18 MAP NO. 2, Prop. Wm. O'Neill, Oakland Tp., Oakland. Contractors & Builders Supply Co to Mary T Crane..$754.17
Feb. 7, 1924—PTN LOTS 3, 4 AND 5 Blk 2, Map, Berkeley Square, Berkeley. Thos Weyburn to Ray Simonds and C S Trow.....$165
Feb. 6, 1921—W TELEGRAPH AVE. 160 N Bancroft Way N 40 W 110, Berkeley. A. T. Spence to John Sutton, John M. Dickey.....$882.71.

Notice of Non-Responsibility

ALAMEDA COUNTY

Feb. 21, 1924—Amelia Evelyn Stevens Wilson and Olive Stevens Lathrope "Hotel Athens," as to improvements on property .....
Feb. 20, 1924—Carl H. Burg, as to improvements on property .....
Feb. 25, 1924—H. W. Meek Est., Inc., building on lot 9, blk. 5, Map Meek Est. Orchards, Eden Tp., Hayward.
Feb. 25, 1924—H. W. Meek Est., Inc., building on Lot 108 Map Meek Blvd. Tract, Eden Tp., Alameda Co.

BUILDING CONTRACTS

SAN MATEO COUNTY

VISITACION VALLEY. Reinforced concrete steel and wood bldgs. for 90-ton artificial ice plant.
Owner—Pac. Fruit Express Co., Utah.
Architect—None.
Contractor — Daniel R. Wagner, Call Bldg., San Francisco.
Monthly (estimated) 75%
Usual 35 days 25%
TOTAL COST, $82,935
Bond, $82,935; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 130 days; Plans, none; Specifications filed.

BUNGALOW
LOT 14 BLK 28, Easton No. 2, Burlingame. All work for bungalow.
Owner—H. and Olga Praetzel, 1317 3rd Ave., San Francisco
Architect—E. E. Young, 2002 California St., San Francisco.
Contractor—U. S. and U. S. Jr. Simond, 251 27th Ave., San Francisco.
Filed Feb. —, '24. Dated Feb. 12, '24.
Brown coated $1575
Plastered & standing finish on. 1575
Completed 1575
Usual 35 days..... 1575
TOTAL COST, $6300
Bond, none. Limit, on or before May 15, 1924. Forfeit, plans and specifications, none.

DWELLING
LOT 6, Pierce Tract Resub of Sec. 3, San Mateo All work for dwlg.
Owner—Michele and Marie Gerbo, Redwood City.
Architect—None.
Contractor—Earl D. Baird, 198 Oliver St., Redwood City.
Filed Feb. 19, '24. Dated Feb. 16, '24.
Frame up ..... ¼
Brown coated ..... ¼
Completed ..... ¼
Usual 35 days..... ¼
TOTAL COST, $4600
Bond, $2300. Sureties, Florence G. and

Floyd L. Baird. Limit, 90 working days. Forfeit, $5. Plans and specifications filed.

ALTERATIONS, $4000; Lot 8 BLK N C St., San Mateo; owner, R E. Gordon, 107 N-D St., San Mateo.
DWELLING and garage, $4250; Lot 17 L, B St., San Mateo; owner, Lucile Brown; contractor, Leadley & Wiseman, 207 2nd St., San Mateo.
CLASS C building, $18,334; W Middlefield Road 100 S Burlingame Ave., Burlingame; owner, Jules Ferbet.
GARAGE and bridge the creek, $1000, No. 1433 Bellevue Ave., Burlingame owner, Mrs. Byers, Premises.
BUNGALOW and garage, $6000; Lot 6 Blk 60, Columbus Ave., Burlingame; owner, H. C. Brown.
BUNGALOW and garage, $4000; Lot 10 Blk 22, Costelle Ave., Burlingame; owner, Ethel L. Putman.
RESIDENCE and garage. $9000; N ½ Lot 4 Blk 1, Pepper Ave., Burlingame; owner, K. Munck & Larsen, 732 Occidental Ave., Burlingame; contractor, L. E. White, 1508 Cabrillo Ave., Burlingame.
GALVANIZED shed on rear, $1996; S Burlingame Ave 200 W Primrose, Burlingame; owner, Mann & Nonneman, 313 Main St., Burlingame.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
Feb. 19, 1924—N ½ LOT 5, Volota Park, San Mateo. E L Kennedy to whom it may concern...Feb. 18, 1924
Feb. 19, 1924—LOT 7 AND PTN LOTS 8 and 9 Blk "E" Paraiso Park, San Mateo. Margaret C Williams to H C Groom.....Feb. 15, 1924
Feb. 19, 1924—PTN LOTS A AND B Blk B-4, West Belmont. Fred O McLeod to John Berg..Feb. 16, 1924
Feb 20, 1924—NW POPLAR AVE 97-9 S from N Cor. Lot 151 th 97-9, San Mateo. H E Trumbo to whom it may concern.....Jan. 15, 1924
Feb. 21, 1924—LOT 16 BLK 6, Burlingame Villa Park, Burlingame. B Morberg and John Wicklund to whom it may concern..Feb. 18, 1924
Feb. 23, 1924—LOTS 23 AND 25 BLK 10, Section W of R R Track, Baden Reni Gendat to O E Carlson.....Feb. 23, 1924
Feb. 23, 1924—E PTN LOT 227, San Mateo Park, San Mateo. Hammer & Hultben to whom it may concern.....Feb. 21, 1924
Feb. 23, 1924—LOTS 4 AND 5 ELK 6, Hillcrest Tract, Daly City. Horace Fellows to whom it may concern..Feb. 20, 1924
Feb. 25, 1924—LOT 10 BLK 13, Burlingame Grove, Burlingame. Anna E Coyle to whom it may concern..Feb. 23, 1924

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Feb. 25, 1924—LOTS 3 AND 4 BLK 2 McGorveys Sub of Lots 57 to 60, Reese Tract, San Mateo Antonio Morales vs M Lopez and Harley S Bagley $66.50

BUILDING CONTRACTS

SANTA CLARA COUNTY

COTTAGE, four-room, $1250; Prevost near Auzerais St., San Jose; owner, Lillian Gilbert.
COTTAGE, 5-room, $5000; Fourteenth St., near Empire, San Jose; owner, Mrs. F. E. Emmerson, 430 S-5th St., San Jose; contractor, E. L. Slaght, 752 S-9th St., San Jose.
COTTAGE, six-room, $3950; Orvis St. ner 12th, San Jose; owner, Jno. Denevi; contractor, Felix Savio, 44 N-River St., San Jose.
COTTAGE, 5-room, $2000; St. John St. near 31st, San Jose; owner, J. H. Daniels; contractor, Gable & Daniels.
COTTAGE, 5-room, $1900; Autumn Court, San Jose; owner, T. Herschbach, Bank of San Jose Bldg., San Jose.
ALTERATIONS, $50,000; First & Fountain Sts., San Jose; owner, M. Blum & Co., 13 S-1st St., San Jose; architect, Herman Krause, Bank of San Jose Bldg., San Jose; contractor, H. A. Bridges, Pine and Lincoln Sts., San Jose.
COTTAGE, 6-room, $7500; Fourteenth St. near William, San Jose; owner, Mrs. S. A. Acker, 90 S-12th St., San Jose; contractor, Alfred Jones.
COTTAGE, 4-room, $2400; Thirty-third St. near St. John, San Jose; owner, J. A. Weldon, 1125 Clark St., San Jose.
SHOP, $2000; San Carlos St. near Romaine, San Jose; owner, E. H Leitch, 220 W-Santa Clara St., San Jose.

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $3000; W-Third St., bet. Ripley and Pennsylvania Sts., Richmond; owner, A. Pinoli, 1431 Mason St., San Francisco.
TWO dwellings, one-story frame, $7300 E Thirty-nintn St., bet. Roosevelt and Clinton Sts., Richmond; owner, Mrs. O. B. Timbrel, 309 23rd St., Richmond; contractor, C. Overaa, 2105 Roosevelt St., Richmond.
DWELLING, one-story frame, $2500; W Thirty-first St, bet. Roosevelt and Grant Sts., Richmond; owner, F. Lzymaniki, 555 S-30th St., Richmond.
DWELLING, one-story frame, $2250; W-Thirty-first St., bet. Roosevelt and Garant Sts., Richmond; owner, F. Lzymanski, 555 S-30th St., Richmond.
DWELLING, one-story frame, $3000; NS Pennsylvania and Eighth Sts., Richmond; owner, N. E. Anderson, 2030 Roosevelt St., Richmond.
DWELLING, one-story frame, $3500; NW 45th and Sycamore Sts., Richmond; owner, S. A. Carlson, 1021 45th St., Richmond; contractor, J. A. Fagestrom, 1135 Chanslor Ave., Richmond.
DWELLING, one-story frame, $4000; N Lowell St., bet. 24th and 26th Sts., Richmond; owner, Mrs. T. C. Brown, 2234 Macdonald Ave., Richmond; contractor, The Miner Co., 2234 Macdonald Ave., Richmond.
FLATS, (2), two-story frame, $4200; S Shanslor E Cor. 14 St., Richmond; owner, L. Fugliese, 1466 5th St., Oakland; contractor, H. E Sullivan, 629 Elm St., El Cerrito.
DWELLING, one-story frame, $4000; W-Twelfth St. bet. Bissell and Chanslor Sts., Richmond; owner, R. B. Cook, 512 Bissell St., Richmond; contractor, S. B. Roberson, 338 20th St., Richmond.

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

HOTEL
SACRAMENTO. All work for hardware for Hotel Senator.
Owner—Hotel Sentor Co.
Architect—None.
Contractor—Palace Hardware Co., 581 Market St., San Francisco.
Filed Feb. 21, '24. Dated ——
TOTAL COST, $10,750
Bond, limit, forfeit, none. Plans and specifications, none.

INSTALL 5-room flat on lower floor, $3000; W ½ Lot 6, J, K, 28th and 29th Sts., Sacramento; owner, Mrs. A. M. Matson, 2817 K St., Sacramento; contractor, A. Telstrom, 2838 Sacramento Blvd., Sacramento
DWELLING, 2-story 7-room and garage, $6000; No. 2633 6th Ave., Sacramento; owner, H. W. Robertson, 1103 37th St., Sacramento.
DWELLING, one-story 6-room and garage, $8000; No. 1130 42nd St., Sacramento; owner, P. L. Bernardis, 609 O St., Sacramento.
DWELLING, 2-story 6-room and garage, $7000; No. 1141 35th St., Sacramento; owner, H. T. Hogan, 2124 M St., Sacramento; contractor, F. Maloney, 3172 T St., Sacramento
REPAIRS, $2882; No. 708 K St., Sacramento; owner, L. Schindler; contractor, F. Maloney.
DWELLING, 2-story 9-room and garage, $14,500; No. 1300 45th St., Sacramento; owner, Jas. H. Donnelly, 1515 M St., Sacramento; contractor, M. F. Terra, 2315 9th St., Sacramento.
DWELLING, 2-story 7-room and garage, $7000; No. 707 20th St., Sacramento; owner, F. S. Atkins, 2201 P St., Sacramento.
DWELLING, 2-story 10-room and garage, $10,000; No. 1300 42nd St., Sacramento; owner, Mrs. O. G. Kruger; contractor, N. H. Bateman, 3933 H St., Sacramento.
DWELLING, one-story 6-room and garage, $3000; No. 3125 D St., Sacramento; owner, Artz, Cook & Drew, 815 J St., Sacramento; contractor, Martin & Son, 1417 19th St., Sacramento.
DWELLING, 1-story 5-room and garage, $3335; No. 2216 30th St., Sacramento; owner, F. L. Patterson, 5116 40th St., Sacramento; contractor, Robt. Powell Co., 1506 6th St., Sacramento.
DWELLING, 1-story 6-room and garage, $4500; No. 5216 D St., Sacramento; owner, F. H. Artz, 1911 28th St., Sacramento.
COLLEGE, 2-story and dormitory, $170,000; No. 2500 21st St., Sacramento; owner, Christian Bros.; contractor, W. C. Keating, 925 Forum Bldg., Sacramento.
DWELLING, 1-story 5-room and garage, $3500, No. 3108 T St., Sacramento; owner, J. A. Horn, 3100 T St., Sacramento; contractor, B. H Bill, 3252 Marshall Way, Sacto.
DWELLING, one-story 5-room and garage, $3000; No. 2308 26th St., Sacramento; owner, F. L. Terra, 1712 W St., Sacramento.
PUBLIC GARAGE, 1-story, $3000, 2863 Sac. Blvd., Sacramento; owner, J. Francisco, Box 529 Rte 4, Sacto.
FLATS, 2, 2-story 5-room each, and garage, $7800; 3301 J, Sacramento; owner, W. E. Coffman, Azevedo Apts., Sacramento; contractor, P. R. Opdyke, 1009 7th Ave., Sacto.
REMODEL APTS., $24,980; Lot 6 J-K-13-14, Sacramento; owner, Frank E. Lauppe, 1319 K, Sacramento.
DWELLING, 1-story 5-room, and garage, $3500; 509 42nd, Sacramento; owner, J. G. Taylor, Motor R B Box 60, Sacramento.
WAREHOUSE, 1-story and basement, $32,000; 430 R, Sacramento; owner, Sac. Growers Market, 418 I, Sacramento; contractor, Chas. Mabrey, Achsner Bldg., Sacramento.
DWELLING, 1-story 5-room and garage, $4000; 2314 24th, Sacramento; owner, H. L. Mee, 1920 13th, Sacramento.
DWELLING, 1-story 5-room and garage; $3000; 216 32nd, Sacramento; owner, H. L. Mee, 1920 13th, Sacramento.
SHED, 2 sides open, $9500; 3016 P, Sacramento; owner, Dolan Bldg. Material Co.
FLATS, 4, 4-rooms each, 2-story, $10,000; 609-15 S, Sacramento; owner, Mrs. C. Nardinelli, 601 S, Sacramento; contractor, P. Leoni, 1415 P, Sacramento.
DWELLING, 1-story 5-room and garage, $4000; 2730 Castro Way, Sacrmento; owner, D. Barlotte, 2422 L, Sacramento; contractor, P. Leoni.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted

Feb. 19, 1924—LOT 3406, Elmhurst. Edward Brown to whom it may concern .....Feb. 1, 1924
Feb. 20, 1924—LOT 103 Glen Orchard Sub 2, Sacramento. Marie Robinson to whom it may concern.....Feb. 16, 1924

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

BUILDING
LOT 13 BLK 92, E of Center St., Stockton. All work for building.
Owner—Robert L. and Lillian Wilson.
Architect—None.
Contractor—V. Gray.
Filed Feb. 21 24. Dated Feb. 18, '24.

TOTAL COST, $10,747
Bond, none. Limit, 100 working days. Forfeit, none. Plans only filed.

DWELLING, $3000; No. 460 N-Tuxedo St., Stockton; owner, C. A. Gustafson.
DWELLING, $4000; No. 1844 CARMEL Ave., Stockton; owner, John Ramsey, 610 W-Oak St., Stockton.
DWELLING, $4250; No. 14 E-Ellis St., Stockton; owner, R. Hammett.
DWELLING, $2500; No. 342 N-Locust St. Stockton; owner, J. W. Williams, Wilson Ave., Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Feb. 23, 1924—LOT 14 BLK 102 W of Center St., Stockton. Ira B Langdon to F Paul Dobson..Feb. 20, 1924
Feb. 27, 1924—LOT 3 and S ½ Lot 4 Blk 29, Division No 1, Tuxedo Park, Stockton. Minerva Goodman to Chas Garfield.....Feb. 23, 1924
Feb. 27, 1924—LOTS 10 AND 12 BLK 1, G. W. Phelp's Map of West Stockton. Chas K Pasma to whom it may concern.....Feb. 27, 1924

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Feb. 25, 1924—N 67 FT. LOT 16 BLK 15, City of Lodi. Lodi Hardware Co vs C A Belli & Stockton Securities Co.....$57.75

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Feb. 21, 1924—LOTS 8 AND 9 BLK 4, Torrance Terrace, Fresno. W S Proctor to whom it may concern.....Feb. 20, 1924
Feb. 26, 1924—LOTS 11 TO 16 BLK 1, Arrants Add., Selma. First Baptist Church of Selma to whom it may concern.....Feb. 16, 1924
Feb. 26, 1924—LOTS 19 AND 20 BLK 1, Echo Tract, Fresno. Mary A Waterman to whom it may concern.....Feb. 23, 1924
Feb. 26, 1924—LOTS 1 AND 2 BLK 6, Markley-Vincent Tct, Fresno. Lida H Marshall to whom it may concern.....Feb. 23, 1924
Feb. 27, 1924 — NEAR KINGSBURG. Golden State Products Co. to Anton Johnson .....Jan. 19, 1924
Feb. 27, 1924—LOTS 31, 32 BLK 20, College Park, Fresno. Stella E. Sheldon to whom it may concern .....Feb. 26, 1924
Feb. 27, 1924—LOT 2 BLK 5 CEDAR Park, Fresno. Margaret T. Wolff to whom it may concern...Feb. 26, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
Feb. 21, 1924—LOT 1 SEC 28,17-20, Fresno J D Halstead Lumber Co vs John B Markus, Laguna Land Co and H W Burner.....$597
Feb. 23, 1924—315.8x413.8 FT. IN SW ¼ of Sec. 11, 14-20, Fresno. J B Welliver Jr. vs Anna Pearson..$250
Feb. 27, 1924—S 12.86 FT OF W ½ OF Lot 18, N 37.14 ft of w ½ of lot 17, Park Side Addition, Fresno. Sunset Lumber Co. vs Henry Arnold $75
Feb. 26, 1924—LOTS 17, 18 AND 19 Blk 125, Sanger. Sanger Lumber Co vs Fred Neilson $356

ATLANTIC COAST DIVISION IS PLANNED BY LUMBER FIRM

The establishment of an Atlantic coast division, which will be handled by the same organization and under the same management as the present California department, is announced by the Nettleton Lumber Company, according to word from Seattle. The two departments, the oil California division and the new Atlantic Coast division, will, it is stated by Lee R. Gaynor Jr., vice president of the company, be known as the cargo department of the Nettleton Lumber Company.

Each division, however, will be separate except in name, this in spite of the fact that both divisions will be handled by the same organization which has conducted the California department of the Nettleton Lumber Co.

In making the announcement, it was stated that practically all mills associated with the company in its California business are now working some Atlantic coast trade and that the two markets, taking as they do, different sizes and lengths, work well together. The company feels that one organization, familiar with both markets can more efficiently satisfy the mills, requirements for side-cut orders than an organization primarily interested in only one market.

All details incident to the establishment of the new department, including arrangements for tonnage, are expected to be worked out within the next 60 days.

California Construction Company, of San Francisco, on a bid of approximately $840,000, has been awarded a contract by the Kern county supervisors to improve about 38 miles of highway in the western section of Kern county. F. Rolandi of San Francisco, was the only other bidder on the project at approximately $1,097,355.

1923 CEMENT IMPORTS

The bureau of foreign and domestic commerce, of the department of commerce, reports that imports of hydraulic cement in December, 1923, amounted to 104,422 barrels, valued at $170,941. The total imports in 1923 amounted to 1,678,636 barrels, valued at $2,964,098. The imports in December were from Belgium, 64,257 barrels; Denmark, 20,172 barrels. Norway, 15,424 barrels; Sweden, 2,782 barrels; Canada, British Columbia and Yukon, 834 barrels; Quebec and Ontario provinces, 298 barrels; France, 554 barrels; England, 101 barrels. The imports were received in the following districts: Los Angeles, 57,168 barrels; Porto Rico, 20,172 barrels; New York, 15,926 barrels; Florida, 4,552 barrels; San Francisco, 5,562 barrels, Massachusetts, 1,025 barrels; Washington, 834 barrels; Galveston, 774 barrels; other districts, 399 barrels.

The exports of hydraulic cement in December, 1923, were 80,487 barrels, valued at $227,912, of which was sent to Cuba, 42,135 barrels; to the other West Indies, 5,218 barrels; South America, 13,409 barrels; Mexico, 10,099 barrels; Central America, 6,026 barrels; Canada, 3,381 barrels, and to other countries, 2,219 barrels.

CONVICTION OF CEMENT HEADS IS UPHELD

Conviction of R. P. Butchart, president of the Oregon-Portland Cement Company of Portland, and Clark M. Moore, sales manager of the firm, for violating the Sherman anti-trust law has been affirmed by the United States Circuit Court of Appeals in San Francisco.

The pair were indicted in 1920, together with 14 officials of certain California and Washington cement companies, for engaging in an unlawful combine to control the cement industry in California, Oregon and Washington.

Seven of the defendants pleaded guilty, seven were dismissed, and Butchart and Moore, after two mistrials were convicted in December, 1920, and fined $5,000 and $2,500 respectively.

In reviewing the case, the Appellate Court ruled that there was direct evidence to show that at a conference in San Francisco in July, 1914, the cement men were agreed that the Pacific Coast territory should be divided by giving Washington to Washington companies and allowing them to fix their own prices; allowing the Washington companies to sell in Oregon as far south as Salem, but at prices fixed by California companies and giving California companies all of Oregon south of Salem and all of California.

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SAN FRANCISCO, CALIF., MARCH 8, 1924

Published Every Saturday
Twenty-fourth Year No. 10

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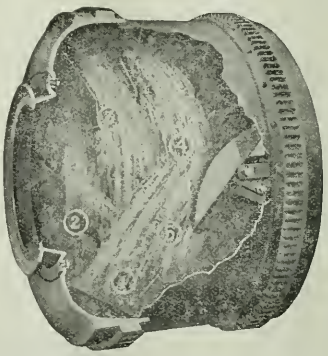

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, shows materials back to charging side for repeated trips through mixing process.

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday | SAN FRANCISCO, CALIF., MARCH 8, 1924 | Twenty-fourth Year No. 9

No. 818 Mission Street.
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Stockton Builders' Exchange
Fresno Builders' Exchange
Vallejo Builders' Exchange

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TREE MAINTENANCE FOR STATE HIGHWAYS

The appropriation for tree maintenance on the state highways for 1924 is approximately $41,000. Survival of 90 per cent of the trees planted last year under state supervision is reported by State Forester M. B. Pratt.

Under plans approved by the advisory tree planting committee, composed of the state forester, state highway engineer, John W. Gregg, head of the landscape department at the University of California, and William Vortreide, state gardener, communities wishing to make plantings on the state highways are now required to deposit with the commission $234 for each mile to be planted

For this sum the commission will see that trees are properly planted and maintained for the first year. After that, maintenance will be done at the expense of the state. Heretofore, much haphazard tree planting has been done by inexperienced persons with the result that many trees have died and an unnecessary expense has been entailed in saving others. This is the reason for the new planting regulation.

Until the requirements for widening state highways can be more definitely determined, tree planting is not being encouraged. It has been found almost impossible to protect young trees in many places where it has been necessary to lay new and wider pavements.

EMPLOYEES GROUP INSURANCE PLAN IS WELL RECEIVED

The new group insurance plan for employees, worked out by the Industrial Association of San Francisco to overcome the difficulties attached to providing insurance for men engaged in the building trades where employment is necessarily intermittent and subject to constant change, has been most enthusiastically received. Various of the large insurance companies have taken up the idea and are vieing with each other to furnish the most favorable terms and provisions. Furthermore, the plan itself has come into such wide favor that several of the builders' exchanges and many other large employer-groups of the cities surrounding San Francisco Bay are rapidly working out the details preparatory to putting it into general effect. Altogether, more than 25 large trade associations or employer-groups representing from 12 to 15 thousand men, and an aggregate of employee insurance totaling from 12 to 15 million dollars—have either adopted the plan or are in process of so doing.

The plan provides that without the necessity of a physical examination, and at a cost of approximately ten cents a week, the employee can secure a $1,000 policy covering death and total disability; and for an additional seventeen cents a week, coverage also for sickness and accident. The employer pays the balance (approximately 50%) of the cost of this insurance, which is being issued at a 5% lower rate than group insurance has been heretofore supplied; and provision is made that an employee may transfer from one employer to another, or may even be granted a six months' leave of absence without forfeiting his insurance. Already employers who have adopted the plan testify to the insurance efficiency and better spirit of their employees; and the prospects are that within another ninety days virtually all of the 25 to 30 thousand American Plan workmen in the San Francisco Bay District will be participating in its benefits.

UNFAVORABLE PROPAGANDA HITS SHINGLE INDUSTRY

Says the Seattle Journal of Commerce:

"The shingle industry of the State of Washington is suffering through unfavorable propaganda on the part of certain patented roofing interests and as a result of its failure to sufficiently acquaint citizens in other sections of the country as to the desirable features of shingles. The statement that shingle roofs constitute a serious fire hazard is not borne out by the reports of fire marshals in American cities. Comparatively few fires start on the roofs of buildings The impression has been conveyed to millions that the shingle roof is dangerous and it is unfortunate that the shingle men have done but little to disprove the statements made by those who 'have an axe to grind.'

"Eighty per cent of the shingles used in America are manufactured in this state. The shingle industry is a vital one in Washington Untrue statements detrimental to the industry should not go unchallenged and the public should be advised by the shingle men of the facts as they exist."

PRELIMINARY WORK STARTED ON HUGE POWER PROJECT

Engineers of the Yuba River Power Company have started preliminary surveys in connection with the proposed $3,000,000 dam to be built in The Narrows of the Yuba River near Smartsville, Yuba County. Surveys are nearing completion for the proposed road to run to the dam site over which materials will be hauled for construction.

The dam at the Narrows will be one of six units on the program of the Yuba River Power Company, which concern proposes to open the way for the resumption of hydraulic mining and, at the same time, provide a vast water storage unprecedented in this state, and probably in the world.

Of the $3,000,000 which it is figured the dam at the Narrows will cost, the sum of $500,000, or one-sixth of the total cost, will be used in providing the base of the dam, which will have its foundation seventy feet below the present level of the stream. The entire flow of the river must be taken care of while this is being done. It is expected the work will begin about April 1st.

Lars Jorgensen, of San Francisco, engineer for the Yuba River Power Company, announces the Smartsville dam will tower at first to a point 150 feet above the present level of the river. Later, another sixty feet will be added. Then, when all the mining intended to be prosecuted behind it is completed, and no more debris is to be held back, another 100 feet will be added, meaning that in the end the dam will tower 380 feet above its bedrock foundation and 310 feet above the present level of the stream.

At that height the dam will store 120,000 acre-feet of water above the tailings to be impounded, while the dam recently completed at Bullard's Bar by the same company has a storage capacity of 200,000 acre-feet above its tailings.

HOME BUILDERS TO ORGANIZE AT FRESNO

Formation of a $500,000 corporation to finance construction of homes in Fresno and other cities in the San Joaquin Valley, under the Flagg system, through an exclusive franchise from Ernest Flagg, its originator, is under way in Fresno. Earl J. Fenstermacher is attorney for the Fresno interests. The new corporation will operate as the San Joaquin Valley New Method Construction Company, Inc. It will be capitalized at five hundred thousand dollars, with five thousand shares of preferred stock and 10 thousand shares of common stock, five thousand shares of the latter to remain in the treasury.

L J. Faulkner, originator of the finance system under which the corporations using the Flagg system of construction operate, is in Fresno assisting in organization of the corporation. Architects and construction men familiar with the operation of the system will arrive soon and remain until the local corporation, which will be composed entirely of Fresno men, is under way. It is reported by Faulkner that negotiations for about 20 homes have already been made.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

The Los Angeles Board of Education has decided to submit a school bond issue of $34,640,000, and the date for the election has been tentatively fixed for June 3. Of the total amount $19,360,000 will be for elementary schools and $15,280,000 for high schools. The latter figure includes $4,000,000 for junior high schools, which are considered a part of the elementary system. The entire bond issue is for purchase of new sites and erection and equipment of buildings.

The strike called by the Sonoma County Building Trades' Council, which resulted in the withdrawal of all union carpenters employed on the new $375,000 high school and the $125,000 Fremonth grammar school buildings at Santa Rosa, ended Feb. 28, when the men returned to work. It is said that all the men who quit when the strike was called have returned to work.

Construction of a $1,000,000 auto tire factory in San Francisco or the East Bay District is contemplated by Eastern interests, according to Theodore F. Merseles, president of the Montgomery-Ward Company of Chicago, who recently arrived on the Pacific Coast. The plant will manufacture for distribution to Pacific Coast points, particularly California and Nevada.

Possibility of the development of the steel industry in Shasta County at a not distant date was forecasted by C. J. Haas of San Francisco at a luncheon meeting with the Redding Chamber of Commerce. Shasta county, Haas declared, has a variety and abundance of iron and other ores.

S. L. Wood, San Francisco division manager of the Pullman Co., is in Puget Sound, Wash., seeking a site on which it is proposed to erect a large car repair and maintenance plant. Recommendations as to suitable sites will be made to the main office in Chicago.

H. G. Butler, former power administrator and valuation engineer for the city of Oakland in the re-organization hearing of the Key System, has been appointed by the Oakland City Council to make a survey of traffic and transportation needs for that section.

Sacramento city council is considering the adoption of an ordinance increasing the salary of City Manager H. C. Bottorff from $10,000 to $15,000 a year. Reference is made to the fact that the city manager of Stockton receives a salary of $20,000 a year.

Jos. A. Moore has secured control of the Moore Dry Dock Company of Oakland, having purchased the interest of his brother, Robert S. Moore. Announcement is made that Jos. A. Moore will become president and active manager of the concern

National American Lumber Ass'n., will hold its regular annual convention in Cincinnati, March 19-20. A large delegation from the Pacific Northwest will attend the meeting.

May 17 is the date set by the Board of Education of Sacramento to vote bonds of $550,000 to finance erection of a group of junior high school buildings.

The decision of Superior Judge Geo. F. Buck (Stockton), in favor of the city of Stockton in the city hall suit, instituted by Edward L. Gnekow Stockton contractor and Howard S. Williams, San Francisco contractor, has been appealed to the Supreme Court by the plaintiffs. In his decision of January 24, 1924, Judge Buck held that the Stockton city council had the right to rescind contracts made with the plaintiffs for the construction of the Stockton City Hall.

There should be no antagonism between the employers of San Francisco and the labor unions if each of the agencies recognizes and abides by its own rights, Wm. H. George, president of the San Francisco Builders' Exchange, told members of the Mercator Club at a recent luncheon. Mr. George presented statistics in an attempt to show that the American Plan is more profitable to employers.

All technical laboratories in the colleges of engineering, mining and agriculture will be open to visitors at the University of California March 14, the third annual engineers' day at the institution Student guides will be present to take visitors through the colleges where the work carried on will be shown by special exhibitions and displays.

Members of the Southern Sash, Door & Millworkers' Ass'n, will visit Pacific Coast points to view the timber resources of the West. The delegates are expected to arrive in Portland April 26 where they will be the guests of Portland lumber and timbermen and the Chamber of Commerce. Following the Portland visit they will journey through California.

Shipments of American iron and steel products to Japan in November and December, 1923, were the largest for many months, due to the urgent need for materials for the construction of temporary buildings at Tokyo and Yokohama.

So extreme has been the upward rise in Oakland building operations, the city commissioners have been asked to appoint another assistant engineer in the building permit bureau to check plans before final approval is given to erect new structures.

One million dollars to finance construction at California State Hospitals during the year 1924 is announced at Sacramento. New structures will be erected at all of the seven state hospitals.

Government has authorized the sale on competitive bidding of 300,000,000 feet of ripe timber on 26,000 acres of land in the Makah Indian Reservation in Washington state. The money will be placed to the credit of the Makahs.

Fred W. Cochran, for many years with the Bayer-Rothgeb Company, has opened an ornamental bronze and iron plant at 1638 Long Beach Ave., Los Angeles, operating under the name Cochran Company. He will specialize in bank, store and office fixtures.

ALONG THE LINE

Geo. L. Henderson, for the past two years drainage engineer with the Merced Irrigation District, has resigned to accept a position as assistant engineer on the Kern River Water Storage District with headquarters in Bakersfield and of which A. L. Trowbridge is chief engineer. The Kern River project contemplates placing 250,000 acres under irrigation. Construction will include a huge storage dam on the Kern river and the taking over of the water system of the Kern County Land Company.

Ezra S. Hoyt, inventor of the Hoyt automatic water heater, died in Los Angeles, Feb. 23. He came to California in 1900, and built the first successful plant for making gas from fuel oil in California. He had recently invented a gas power plant. Besides the widow, two sons and two daughters survive, E. S. Hoyt Jr, Robert C. Hoyt of Oakland, Mrs. Geo. L. Howard and Mrs. K. G. Chamberlain.

Hance H. Cleland, assistant director of the Washington State Department of Public Works and Supervisor of the Department of Public Utilities other than transportation, has tendered his resignation, effective March 1.

T. J. Fleming, secretary and general manager of the California Portland Cement Co., died suddenly Feb. 28, at Keene Camp, his summer home in the San Jacinto mountains near Lake Hemet.

S. Takayama, secretary of agriculture and commerce of the Japanese imperial government, is on a tour of the United States studying logging methods and reforestation.

Lew C. Hunt, Sacramento branch manager of the W. P. Fuller Company, has been named a member of the Sacramento City Planning Commission.

Theodore Heple, building contractor, died in San Jose Feb. 27. Mr. Heple operated in the Santa Clara county section for the past thirty-six years.

Hollywood, Calif. Chamber of Commerce advocates a $2,500,000 bond election to purchase lands and improve same for public park areas.

Elmer J. Nelson, of Fresno, has been elected president of the Stanford University Student Chapter of the American Society of Civil Engineers.

J. Flood Walker, well known southern California architect, died February 24 at Santa Barbara after an illness of about three weeks.

The Cummings Valley Mill & Lumber Co. has started up its mill located nine miles from Techachapi and has about twenty million feet to cut.

Wm. G. Henshaw, a majority stockholder in the Riverside Cement Company, died in San Francisco, March 2.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

LUMBERMEN ADOPT RESOLUTIONS AND ELECT OFFICERS

Resolutions were adopted at the concluding session of the Western Retail Lumbermen's Association in Los Angeles, Feb. 22 commending the U. S. Department of Commerce for its work in the standardization of lumber sizes; urging the use of lengths of lumber under 8 ft. at reduced prices to further reduce waste; asking retailers to urge consumers to buy a better grade of wood shingles; deploring the evidence that the U. S. is becoming a "tradeless nation," and urging extension of trade school education; commending the work of reforestation; demanding the same business economy in operation of government as is practiced in private business, and recommending that transportation companies be given the greatest freedom consistent with public good in the conduct of their affairs.

C. H. Crawford of the Tum-A-Lum Lumber Co., Walla Walla, Wash., was elected president and H. A. Templeton, president of the Monarch Lumber Co., Great Falls, Mont., was elected vice-president for 1924. New directors chosen were: Frank Kendall of Spokane, Wash.; Roy Cross of Salt Lake City, Utah, and David Woodhead of Los Angeles.

Seattle was selected as the place for holding the convention of the association in 1925.

OAKLAND GETS 1925 PLASTERERS' CONVENTION

Oakland was selected by the Pacific Coast Master Plasterers' Association in session in Los Angeles Feb. 25 and 26 as the place for holding their 1925 convention. Officers elected were: President, T. D. Sexton, Oakland; first vice-president, W. G. Mannan, Portland; second vice-president, George Pedgrift, Los Angeles; third vice-president, A. Knowles, San Francisco; treasurer, Alex Minnie, San Francisco; secretary, W. F. Brewer, Oakland.

FRESNO BUILDERS' EXCHANGE TO BALLOT FOR DIRECTORS

Twelve candidates will run for membership on the Board of Directors of the Fresno Builders' Exchange at the regular annual banquet meeting to be held in the Hotel Hughes, Fresno, Monday evening, March 17. Six directors to be elected, according to R. W. Chrouch, secretary of the exchange.

Those who seek election are: Otto W. Batty, A. W. Bernhauer, Charles B. Cochrane, George A. Faris, W. K. Kendrick, J. G. Martin, H. W. McNulty, B. A. Newman, William Rowe, H. W. Shields, M. E. Summers and Ben Tyre.

COMMITTEES APPOINTED

The San Francisco Electrical Development League has appointed the following committees to function during the year 1924, the chairman being E. O. Shreve, public relations; A. H. Nicoll, progress, Louis Leurey, central bureau of San Francisco organizations; G. W. Parker, attendance; Arthur Dahl, membership; M. W. Scanlon, publicity; James Lavenson, financial; Henry Bosch, properties; Henry Bostwick, Chamber of Commerce; C. A. Loring, historical; H. W. Crozier, technical.

NAPA BUILDERS' EXCHANGE TO STIMULATE BUILDING

The Napa County Builders' Exchange with headquarters at Napa has raised $700 of a $1,000 fund to further a vigorous advertising campaign via the Napa county newspapers in an effort to instruct the prospective builders that "now is the time to build."

E. W. Doughty, president of the exchange, announces the fund on hand was contributed by members of the exchange and business firms interested in the advancement of the community.

EDITOR'S NOTE:—The effort of the Napa County Builders' Exchange in its advertising campaign to further building construction in Napa county will not go unrewarded but will undoubtedly be the means of bringing about an active building campaign in the Napa section. The prospective home builder of today needs encouragement. He is constantly reminded that "now is not the time to build"—that he should wait until material and labor costs reach lower levels—that due to the (supposed) shortage of mechanics good workmanship is not obtainable. These and many other foolish assertions confront him and from his point of view he hears nothing but that coming from the "Calamity Howler."

In reaching the prospective builder through the newspapers, the Napa County Builders' Exchange, is following in the footsteps of other building organizations which have caused the public to take notice of the fact "that now is the time to build."

The seed is purchased with the announcement that the advertising fund is available—its planting will be the publication of the reasons as to why "now is the time to build" and the results of the planting will be a busy building season for the Napa county builders and a general resumption of good business for every industry in Napa and vicinity.

BUILDERS PLAN HOME WEEK

The Palo Alto Builders' Association is completing plans for the celebration of a Better Homes Week, in conjunction with which there will be a Home Supply Exposition. The week of May 11-18 has been selected for the dual affair. A model home exhibition will be a feature of the event.

The following general committee has been appointed: H. C. Lauer, chairman; R. W. Fullmer, A. E. Werry, T. W. von Hacht, W. G. Bell, G. G. Bertscheand, C. B. Spangler. This group will select sub-committees to care for special phases of the exposition.

NAPA BUILDERS TO BANQUET

The Napa County Builders' Exchange with headquarters at Napa will hold its annual banquet, Monday evening, March 17, according to an announcement of E. W. Doughty, president of the exchange.

In addition to other speakers, A. B. Wastell, manager of the California Retail Lumbermen's Association, will talk on the advertising campaign to be undertaken by the exchange through the newspapers in an effort to stimulate building activities throughout Napa county.

SANTA CLARA COUNTY ENGINEERS HOLD MEETING

The regular meeting of the Society of Civil Engineers and Surveyors of Santa Clara County was held March 4, at the home of its president, Henry B. Fisher, San Jose engineer.

Informal discussions were had upon matters concerning the betterment of the professional conditions of surveyors in general.

A legislative committee was appointed consisting of J. G. McMillan, Mason J. Schlosser and George F. Wakefield for the purpose of tentatively drafting laws and amendments to be brought before the next legislature concerning matters affecting and the betterment of the profession.

The members were highly pleased with the growth and prosperity of the society and expressed confidence that the society will in time be able to improve the civic conditions of the community.

The meeting adjourned to meet at the residence of George F. Wakefield on the evening of the first Tuesday in April.

CURTAILMENT OF POWER IN STATE TO BE DISCUSSED

The situation confronting power companies and municipalities engaged in distributing of power in California as a result of the drought conditions and lack of rainfall, which have caused a water shortage, will be considered at a conference called by the state railroad commission to be held in Los Angeles March 10.

A curtailment of power is impending as a result of the water shortage, and arrangements must be made at once for preservation, as long as possible, of the supply available, and for utilizing means of ameliorating the stringency, the commission declares.

President C. L. Seavey and Commissioner H. W. Brundidge will represent the commission at the conference. Between twelve and fifteen power companies are expected to have representatives at the meeting, as well as Los Angeles, Riverside, Pasadena, Glendale and other municipalities.

There has been but little snowfall in the mountains this winter, and the seasonal rainfall is far below the average. Some companies already are purchasing power.

BRITISH TIMBER SCALING

The total quantity of timber scaled in British Columbia during 1923 was 2,542,280,000 board feet, as against 1,399,158,000 feet in the previous year, an increase of nearly 34 per cent. Vancouver district scaled 1,906,102,360 feet, or more than the amount for the whole Province in 1922. Prince Rupert shows a remarkable increase to 214,447,786 feet from 134,434,960 feet, or 60 per cent gain.

Seattle, Wash., has been chosen as the 1925 convention city for the Western Retail Lumbermen's Association. At the 1924 session the following officers were elected: C. H. Crawford of Walla Walla, president; H. A. Templeton, vice-president; David Woodhead of Los Angeles, F. C. Kendall of Spokane and Roy Cross of Salt Lake City, directors.

HIGHWAY CONTRACTING—ITS ILLUSIONS

By T. J. Wasser, Civil Engineer, Public Service Production Company, Newark, N. J., and president of the New Jersey Contractors' Association

The Good Road movement throughout the country, advocated by the progressive type of citizens, fostered by the Federal, State and County governments and financed by monies raised by bond issue and direct taxation, has produced an industry that statisticians will tell you is second only to the agriculture of this Country, which means that they talk about it in the millions and hundred of millions of dollars.

Why should it not attract men and capital, and as there are several factors entering into the makeup of the industry, one looks for what he considers the most lucrative and naturally selects that factor having the game of chance connected with it, having in mind the possibility of large returns for the money invested, and therefore decide to become a highway contractor.

In former years and not so long ago, road building was considered only a part of the general contracting carried on by antiquated methods and equipment, with no respect for time. But what have we today? Highway contracting a highly specialized business based on two fundamentals and four essentials, carried on successfully only with the use of modern type of machinery, the best grade of materials and handled without delay in the shortest possible time in order to insure a profit on the money invested.

Into this present field of highway contracting we have two types of contractors, the individual, firm or corporation that were in the business when the modern hard surfaced highway was first introduced and have progressed with the movement for modern highways throughout the country, many at great loss and expense, but financially able to weather the experience and today represent our successful highway contractors. The other, the inexperienced individual, firm or corporation who broke into the business in recent years with a vision of large profits, but who in reality had a lot of false ideas in their mind. What are the results?

Through lack of knowledge or experience of the newcomer, work is generally underbid, competition destroyed, capital lost, the work delayed and the public that finance the work dissatisfied due to being deprived of the use of the road for two or three times longer than that necessary to complete it.

Compare that condition with a job awarded to an experienced contractor with sufficient capital to complete and who does complete the work satisfactorily and on time with a small average margin of profit on the money invested (and not the large profits Dame Rumor would have you believe) and you have a general satisfactory result.

How are you to protect the newcomer?

First—By showing Capital and Inexperience that large profits are an illusion.

Second—By establishing a standard, by comparison between the two types of contractors in order that the public may know.

Third—By making the standard of responsibility such that only after proven ability can a contractor enter into the competitive field of highway contracting.

Fourth—By obtaining the co-operation of those responsible for the conditions governing the design and supervision of the work.

Contracts for highway construction are awarded in sums up to a million dollars, the majority of contracts being valued at from $200,000 to $500,000 Naturally the percentage of profit that one is entitled to on such amounts is what attracts and the east in which one can qualify as a responsible bidder is the contributing primary cause of so many failures.

Before going into the details, let us compare the two types of contractors referred to, because on the result of the comparison depends whether profits can be anticipated or failure assured.

The writer has previously stated that highway contracting was based on two fundamentals and four essentials.

The fundamentals are:

First—Transportation of Materials.

Second—Construction Methods.

In the former the transportation includes the handling of the materials from the point of delivery of the common carrier to the site of the work at the point of operation and upon this alone may depend success or failure, all other conditions being equal.

In the latter, only the most modern arrangement of plant, operated at a uniform rate of progress will insure success.

In order to carry out these fundamentals, one must have EXPERIENCE, SKILL, ORGANIZATION and sufficient CAPITAL to properly equip and carry on the work. With these four essentials, backed up with integrity and responsibility, success is assured. Lacking in any one of the four essentials, failure will result and profits disappear.

The newcomer into the field of highway contracting usually is any one of the following—a contractor ex-

(Continued on Page 3)

perienced in another branch of construction, an individual or bank with money to invest, a former job superintendent who knows nothing but the field construction work, the individual with money and no knowledge of the business, or any combination of these.

How did any one of them come to attempt highway contracting?

The writer firmly believes that the publication of the vast sums of money to be spent for highway construction is the primary cause. The reprinting and distribution of the figures by manufacturers of highway equipment to prospects to increase their sales have misled many to enter the business.

The eagerness of Capital to participate is shown by the ease with which inexperienced contractors can obtain funds until his inexperience demonstrates that the banker is directly in the highway contracting business.

Why is it that keen executives who manage large successful bonding firms of this country do not strike out now and adopt a policy of conservation, sane bonding into which later they are going to be forced?

The east with which inexperienced contractors can be made responsible bidders by the eagerness of the bonding companies to go on their surety that they too against their will sometimes get into the highway contracting business.

All of these unsatisfactory conditions can be avoided if the bonding companies had to do business only through permanently established Agents, eliminating the broker that has no place of business.

Bonding companies should adopt a schedule of surety by which a limit would be placed on the amount of surety the company would assume on the first time the applicant applies; for example—say up to $60,000 if the work was completed satisfactorily and the same applicant make a second request for a bond the limit should be placed to let us say $125,000, after which, if the contract is satisfactorily completed, the bonding company should issue a certificate placing the applicant on the preferred or competitive list, which, providing his financial statement warranted it, would class him as a responsible bidder for highway construction.

Now let us consider the experienced contractor and not some of the unreasonable conditions in Highway construction that he has to contend with, and it is for that reason that co-operation with those responsible for the conditions governing the design and supervision of the work should be obtained. For example, in estimating on work, the contractor is required to assume all the elements of chance, I believe insufficient time is given to the preparation of plans and instructions to bidders and quite frequently proposals are prepared where, for instance, an item for excavation is required to also cover clearing, grubbing, ditching, etc. Highway contracting is the only branch of construction industry that has to contend with outside interference, and that at the contractor's expense. I refer to maintaining traffic through the construction and the interference from Public Utilities, especially those with sub-surface structures. It is impossible for the contractor to figure what the above conditions referred to will cost him, yet the requirements of bidding demand that he take care of them.

The requirements for accurate work are more severe than in any other branch of the construction industry, for example, the preparation of subgrade and setting of forms are such that no variation is allowed, yet frequent field errors occur which the contractor has to absorb and at time are very costly, also the fact that the subgrade has been prepared with great care, yet it is impossible to produce a pavement of the exact thickness and crown as specified. Any variation in the thickness of pavement is always at the contractor's expense whether it is over or under the specified thickness.

Of all elements entering into the construction of a highway, the highway contractor is the only one that is required to furnish a surety guaranteeing to do something most of which is beyond his control, for example, the specified requirements for materials in many cases are such that the contractor is limited to one or two sources of supply, the owners of which together with the common carrier may deliver the material promptly or when convenient, but the contractor must not only pay for delays but also guarantees the completion of the work on time.

Highway contracting confined to about nine months in the year, carries a burden more costly than the actual idleness, namely, the loss of an organization, it being necessary to reduce the forces during the inactive season; due to changes annually in the organization, the abuse of the equipment under such changes is very expensive and shortens the life of same, which is short enough under favorable conditions. Another feature affecting the life of the contractor's equipment is when radical changes are made from year to year in the design of the highways, thereby requiring new equipment to be purchased and the last year's equipment to be scrapped.

The contractor places the orders for material to meet the requirements specified, failure to meet the requirements, the material is rejected, but who pays for the loss and delay? The contractor.

Delay from any cause whatever, such as labor troubles, stormy weather, rejection of material, inexperienced inspection, delay in delivery of materials, results in big losses to the contractor inasmuch as all profits on the work were figured at a daily rate of progress.

Anything in the future that can be worked out between the contracting parties to reduce to a minimum the elements of chance will go a long way toward reducing the cost of highways.

In conclusion I would say that the time has arrived for all parties interested in the development of modern highways to get together by conference and settle all questions that are involved.

EXTENSIVE LUMBER OPERATIONS ARE CONTEMPLATED

As a result of a recently consummated deal in which a newly organized Philadelphia company, represented at Lakeview, Ore., by W. C. Slattery, purchased 23,000 acres of the most choice timber in Lake County, Oregon, interests in that section are expecting extensive milling operations within a few months.

While no definite announcement has been made by the Philadelphia concern, the name of which has not been disclosed, Slattery has said that the property was purchased with a view of immediate development and milling operations. This company, it is understood, recently arranged with the Nevada - California - Oregon Railway, which now has its northern terminus here, to extend its line six miles north, where it will be met by a logging road constructed by the company.

In complying with the request of the eastern concern, the Nevada-California-Oregon now has engineers in the field at Lakeview who are surveying the proposed line north. The officials of the road applied to the interstate commerce commission for permission to build a six-mile extension on February 1st.

As a result of recent developments, Lake County people are hopeful that at last the time has come when the 14,000,000,000 feet of merchantable timber in the country will find its way into world markets, thus developing a frontier country and providing employment for hundreds of men.

The tract which was recently purchased by eastern interests has on it more than 300,000,000 feet of pine timber, and it is said to be one of the best tracts in Lake County. It is said that the transaction involved more than a half million dollars.

Voters of Oakland will shortly decide the question of issuing bonds of $5,000,000 to finance harbor improvements.

San Francisco To Be Scene Of National Safety Conference

Industrial safety and health and public safety will be discussed by prominent leaders in the Safety Movement at the Pacific Safety Conference to be held at the St Francis Hotel, San Francisco, April 7 to 9. The meetings are to be held under the joint auspices of the Society of Safety Engineers of California and the Engineering Section of the National Safety Council.

The first three sessions will be devoted to Industrial Safety and Health and the fourth to Public Safety. Plans have been made by many safety men in Washington, Oregon and California and Texas to attend this first big safety conference of the Pacific Coast.

Lewis A. DeBlois, president of the National Safety Council and Sidney J. Williams, chief engineer, will attend the sessions and will stop off in Washington and Oregon cities en route to San Francisco.

The program follows:

First session, 10 a. m., April 7. General topic: Handling material—(1) Causes of accidents in handling material; (2) prevention of accidents in handling material, (a) by conveyors, (b) by trucks (including left trucks); (3) general discussion.

Luncheon, police show, second session, 2 p. m., April 7. General topic—The Human Factor in Safety. (1) The personal element in causing and preventing accidents—Isaiah Hale, supt. of Safety, Atchison, Topeka & Santa Fe Railroad; (2) Organization for accident prevention—W. H. McCann, Pacific Gas and Electric Co.; (3) Qualifications of a successful safety engineer —R. H. Ivory, Standard Oil Co.; (4) General discussion.

Third session 10 a. m., April 8. General topics—Welding; Dust and Fumes. Chairman, Dr. L. H. Duschak. (1) Safety in gas welding and cutting; (2) Carbon monoxide poisoning, in homes and in industry—D. R. R. Sayers, Chief Surgeon, Bureau of Mines; (3) Dust fires and explosions (including report on Pekin explosion)—D. J. Price, U. S. Department of Agriculture.

Luncheon, fourth session, 2 p. m., April 8. General Topic—Public Safety. (1) Highway construction in relation to safety. Representative of Automobile Club of Southern California; (2) The traffic officer's place in accident prevention—Capt. Gleason, Police Department, San Francisco; Automobile accidents and the automobile club — Representative of California State Automobile Association.

Banquet 6:30 p. m., April 8. Toastmaster, W. A. Chowen. Speakers: L. A. DeBlois, President National Safety Council; Will J. French, industrial Accident Commission of California; Jay Stevens, Chief, Fire Prevention Bureau.

Final session, under the auspices of the Petroleum Section National Safety Council, 10 a. m. to 5 p. m., April 9. Round table discussion on: (1) The development of a proper mental attitude toward Safety, through committees, safeguards, and supervision; (2) Standard hand books for refiners, field operations, pipe lines, and marketing departments; (3) Our industries' relation to public safety .Petroleum Section members will also make inspection trips to California refineries and producing fields.

CONTRACTOR SUES BANK OF ITALY FOR $71,500

Alleging malicious arrest and insincere prosecution, Spencer D. Miller, Manteca road contractor and former city engineer of that place, has filed action against the Bank of Italy for $71,500 damages, $800 attorney fees and additional indeterminate sums as exemplary damages.

The plaintiff alleges in the present action that he was imprisoned in the the Marysville jail on a criminal complaint brought against him by an officer of the Rideout branch of the Bank of Italy, charging him with obtaining money under false representations This imprisonment, he claims, caused him to lose contracts amounting to several thousands of dollars.

The criminal charge instituted by the Marysville branch of the Bank of Italy was filed November 29, 1922. The bank charged Miller with falsely representing to them he possessed a warrant for $2502.75 against Yuba county for road work under way when, it was alleged, he well knew he had previously assigned the warrant to the Sacramento-San Joaquin Bank of Stockton. On the strength of Miller's representations the bank loaned him $2498.35, accepting the warrants as security.

Miller was arrested in Modesto. In the trial that followed it was brought out that while he had previously assigned the warrants to the Sacramento-San Joaquin Bank, he in the meantime obtained a release before he secured the loan from the Bank of Italy.

Judge E. P. McDaniel, before whom the charge was tried, remarked the bank should have mandamused the Yuba county auditor for payment of the $2498.35 which was a valid claim, and is said to have instructed the jury to return a verdict of not guilty.

In seeking damages, Miller claims that as a result of his incarceration he lost road contracts exceeding $30,000.

HUTCHINSON LUMBER COMPANY PLANS HUGE CUT

Larger operations during 1924 than any other year in the company's history are planned by the Hutchinson Lumber Company, according to word from Oroville. During the season the company plans to cut 125,000,000 feet of logs and to saw at the mill a total of 100,000,090 feet. Last year the company sawed a total of 70,000,000 feet of lumber.

Just when work will start has not been definitely decided, but it is hoped that woods operations will start as soon as the winter rains are over. At the mill work may start at any time, but announcement as to the specific date will not be announced until later.

BUILDING INSPECTOR RESIGNS

Vern D. Hedden, head of the building inpection department of Long Beach, has resigned his position, effective April 1. The resignation has been accepted, but a successor has not been appointed by R. D. Van Alstyne, director of public service and city engineer, who is considering applications. Hedden gave as his reason for leaving the office that the salary was too small for the training and responsibility required. He will be associated with Architect Victor Siebert, formerly of Walla Walla, Wash., in the practice of architecture and as consulting specialist in building code and zone law counseling, with offices at 203 Brock Bldg, 548 American Ave., Long Beach.

TRADE NOTES

Two years ago the Western Insulex Co., P. S. Austin, Manager, and Kenneth H. Dyer, occupied a small building in Oakland. The growth of the business made mere room necessary and a move was made to 4065 Hollis Street, Oakland. Again there was need for larger space, which resulted in leasing and remodeling of the present plant at 360 Adeline Ave., Oakland. Insulex is being used largely in heating insulation, all kinds of steam and ice lines, underground work, industrial and domestic boiler jackets, etc. A display and sales room is maintained on the main floor of the Rialto building, San Francisco, where these interested are invited to examine the product, and be informed as to its merits.

Illinois Wire & Cable Company has purchased a 6-acre site in 79th avenue, Oakland, and plans immediate construction of a plant for the manufacture of electrical wire and cable. Plant, at the outset, will employ 100 men and will use from 500,000 to 700,000 pounds of copper a month. Copper will be brought from Utah, Montana and New Mexico. The industry will also use from 50,000 to 70,000 pounds of cotton yarn from the Southern States and the Imperial Valley and from 150,000 to 200,000 pounds of insulating materials brought from Illinois.

Increasing its capital stock from $10,000 to $25,000, the Marysville Brick Company of Marysville, is planning an important program of expansion. Stock selling will commence immediately and when completed the company will rank among the largest brick manufacturing concerns in Northern California. Wood burning kilns operated by the company in the Feather river bottom lands will be electrified and at a future date oil burning kilns will be provided.

Hal Baly, for 20 years with the E. K. Wood Lumber Co., the last eight as assistant manager in Los Angeles, has been appointed Los Angeles manager of the Los Angeles Lumber Products Company, having full charge of operations and sales at the Los Angeles office and the Los Angeles harbor plant of the products company. Mr. Baly will maintain his office in the Lumber Products suite in the Hollingsworth Bldg., Los Angeles.

Pacific Concrete Products Co., of Oakland, has been incorporated and will engage in the manufacture of face brick, roofing tile, burial vaults and other products. Members of the company are Frank Welsh, road building contractor; his son, Vernon Welsh, formerly with the Standard Oil Company at Richmond and Charles Hunt, formerly with the Santa Fe Railroad at Richmond.

Hutchinson Company, Oakland street paving contractors, has purchased the quarry property at Nicholl Point, Contra Costa County, from the Nicholl Company of Richmond. The Hutchinson Company has been operating the quarry for several years under a lease. The deal involves approximately ten acres of land. The purchase price is reported to be in the vicinity of $40,000.

The Frank Doyle Construction Co. has been incorporated in Oakland. Directors are: Frank P. Doyle of Berkeley, J. W. Schwartz, Associated, Calif., and W. E. Sharp of San Francisco.

Offices and warehouse quarters of Conrad B. Sovig, master painter and decorator, at 248 Oak street, San Francisco, were destroyed by fire March 4. Contracts held by the firm, however, will be completed on schedule, Sovig announces. Temporary quarters will be maintained at the Builders' Exchange, 180 Jessie street, San Francisco.

Routt Lumber Co. of Fresno reports an active demand for factory built homes, a product in which the Fresno firm specializes. The company does not sell to buyers within the Fresno City limits or to those who are financially able to negotiate with contractors, according to an announcement of its directors.

The Truscon Steel Co. announces that the Hawaiian branch of the company is now under the management of the San Francisco headquarters. Chas. Holloway Jr., San Francisco branch manager, will leave for the Islands within the next ten days to look over the district with a view to developing the sales organization.

The Daniels Contracting Company at Point Pedro, Marin County, is installing a seventy-five horsepower electric shovel to replace a steam shovel. The installation if satisfactory will be followed by three additional electric shovels. These shovels are movable and are fed by means of a three-conductor electric cable on a reel.

Thomas H. Price, vice-president of Malott & Peterson of San Francisco, has severed his connections with that firm and has taken over the San Jose branch of Malott & Peterson and will operate under the trade name of the Thos. H. Price Company. The San Jose quarters are located at 80 Vine street.

Albert G. Wright has been appointed sales agent of the San Francisco Branch of the International Time Recording Company of New York, succeeding F. W. Knipscher. The San Francisco branch office is located at 640-644 Mission street.

The Brea Clay Products Company is being organized at Brea, Calif., and plans to establish a $60,000 brick plant in that city with a capacity of 18,000 brick a day.

Clover-Olsen Refrigerater Co., capitalized at $300,000, has been incorporated in Stockton. Directors are: E. T. Clover, C. F. Olsen and D. P. Eicke, all of Stockton.

The Wagner Construction Company of San Francisco, capitalized at $25,000, has been incorporated. Directors are: D. R. Wagner, Lela A. Wagner and B. S. Gregory.

It is understood that the Woods-Beekman Lumber Company, Beverly Hills, has sold out to Chicago interests represented by Frank Burnaby. The new owners will continue the business.

The Austin Western Road Machinery Company announces the opening of new offices, showrooms and warehouse quarters at 435 Brannan street, San Francisco.

Construction of a new plant on Auburn Boulevard, North Sacramento, for Douglas & Pierce, lumber dealers, is being completed.

McGinty Construction Co., capitalized at $10,000, has been incorporated in Fresno. Directors are: V. K., E. M and R. M. McGinty, all of Fresno.

PUBLICATIONS

The Hisey-Wolf Machine Company, Cincinnati, Ohio, has issued a bulletin No. 3016-S, illustrating and describing a new Hisey motor driven grinder which has the grinding wheels spaced with much more working clearance than is had with the regular two wheel stand grinder. Copies of the bulletin will be mailed to the trade on request.

Underwriters' Laboratories, 207 E Ohio Street, Chicago, has published a new list of inspected burglar protection appliances, bank vault alarm systems, relocking devices for vault doors, and transmission and tire locks for automobiles.

NO BACK YARD IN BELGIUM

The type of cottage or villa such as is familiar in Great Britain or the United States has made little progress in Belgium says Acting Commercial Attache S. H. Cross, Brussels, in a report to the Department of Commerce.

The average Belgian business employee does not earn, even after some years' service, over 20,000 francs ($1000) annually and the amount of his credit and also the proportion of earnings put into a house are much lower than in the United States. Furthermore, since European cities have existed for centuries, the populated and built-up areas are concentrated, and the opening up of new residential blocks is rare. Municipal transportation is rarely adequate, and the small wage earner is thus obliged to content himself with a flat, as cheap as possible, and as near as may be his place of business.

Wooden houses of any sort are a great rarity, and even stucco construction on metal lath is unknown. The average frontage for a residential lot in any Belgian city is 5 to 9 meters, and the depth not over 25 or 30, of which 20 to 25 is occupied by the house. This standardization of house dimensions is due primarily to high real estate values, and even in new quarters where lots could be otherwise parcelled, provision is rarely made for any other sort of arrangement. In other words, anything like the yard which every American wants around his home is next to unknown except in villa quarters frequented by the well-to-do.

WARREN PAVING SUIT IS WON BY FRESNO COUNTY

Fresno county has definitely won a suit brought against it by Warren Brothers involving the alleged infringement upon a highway surfacing type by the county, thereby saving two hundred thousand dollars to the taxpayers, John R. Fitch, chief deputy district attorney, announces.

Warren Brothers, Fitch said have not made application for a rehearing of the suit which was decided against them both in the United States district court at the trial and by the circuit court on appeal.

Fresno county uses a type of paving divised by its surveyor, Chris P. Jensen, which the Warrens claimed was an infringement upon their patents. The county has laid 143 miles of this paving it was stated.

When the case was decided on appeal, Warren Brothers had a short time in which to apply for a rehearing. This was not done, making the county absolutely victorious in the action.

Building News Section

APARTMENTS

Plans Being Figured.
APARTMENTS Cost, $70,000
SAN FRANCISCO, E Jones St., between Sutter and Bush Sts.
Six-story and basement class A apartments (24 2-room apts.)
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.
Figures are being taken for a general contract except palnting and plumbing.

Ready For Figures In A Few Days.
APT. BLDG. Cost, $21,000
BERKELEY, Euclid Ave. & Hilgard St.
Two-story and basement frame and stucco apt. bldg. (4 4-room apts.)
Owner—Mrs. Wright.
Architect—W. H. Ratcliff Jr., Mercantile Bank Bldg., Berkeley.

Contract Awarded.
APT. & STORE Cost, $12,288
OAKLAND, Alameda Co., Cal., 2709 Fruitvale Ave.
Two-story frame apt. & store.
Owner—F. J. Schultz, 2709 Fruitvale Ave., Oakland.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.
Contractor — A. Frederick Anderson, 2800 Delaware, Oakland.

Sub-Figures Being Taken.
APARTMENTS Cost, $—
SAN FRANCISCO, W Fillmore 90 N Haight.
Two 3-story frame brick front apartment houses (9 apts, 26 rooms in each bldg.)
Owner—O. E. Schubert & W. S. King.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—W. S. King, Hearst Bldg., San Francisco.

To Be Done By Day's Work & Sub-Contracts.
APARTMENTS Cost, $20,000
SAN FRANCISCO, N Filbert 180 E Pierce.
Three-story and basement frame (9) apartments.
Owner—F. Monson, 1757 9th Ave., S. F.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.

General Contract Awarded—Sub-Figures To Be Taken.
APARTMENTS Cost, $46,000
SAN FRANCISCO, SE Bucahnan and Hickory Streets.
Three-story frame, stucco and brick veneer apartment house (5 2-room and 1 3-room on each floor, garage basement for 12 cars.
Owner—A. L. Nelson.
Architect—O. R. Thayer, 110 Sutter St. San Francisco.
General Contractor—G. P. W. Jensen, 320 Market St.

Plans Being Figured—Bids Close Mar. 7, 1924.
APTS & FLAT Cost, $18,000
SAN FRANCISCO, 25th St. near Dolores
Two-story frame apt. and flat bldg. (3 3-room apts. and 1 flat).
Owner—John M. Kennedy.
Architect—Crim & Murdock, 425 Kearny, San Francisco.
Blds are being taken for a general contract.

To Be Done By Day's Work.
APARTMENTS Cost, $15,000
SAN FRANCISCO E Dolores 57-6 S Hidalgo Terrace.
Three-story and basement frame apts. 1 6-room, 4 3-room.)
Owner—Captain G. Olsen, 110 Sutter St., San Francisco.
Architect—A. J. Horstmann, 110 Sutter St., San Francisco.
Concrete work awarded to J. Moroncelli, 11 Bennington St., S. F.

Contract Awarded.
APARTMENTS Cost, $50,000
BERKELEY, Alameda Co., Cal., 2322 Haste.
Two-story frame and stucco 51-room apt. bldg. (24 2-room apts and 3 1-room apts).
Owner—Mrs. Mary W. Stevens, Dunsmuir Apt., Oakland.
Architect—P. V. Tuttle, 357 12th St., Oakland.
Contractor—Allen & Conrad, 357 12th St., Oakland.

Permit Applied For—Sub-Figures To Be Taken.
APT. BLDGS. Cost, $20,000 each
SAN FRANCISCO, S Washington 68-9 and 123-9 E Jones St.
Two 3-story and basement frame apt. bldgs. (12 apts. in each bldg).
Owner—Axel A. Johnson, care architect
Architect—Bauman and Jese, 251 Kearny St., San Francisco.

Plans Being Prepared.
APT. BLDG. Cost, $260,000
SAUSALITO, Marin Co., Cal., Buckley Avenue.
Six-story class C hotel-apartment bldg with cement exterior and tile roof (90 rooms divided into 3-rm. apts)
Owner—Clinton Mason, 358 Litho, Sausalito, Cal.
Engineer — R. S. Chew, Rialto Bldg., San Francisco.
There will also be a large lobby, dance hall, dining room and garage. Two passenger elevators and a dumb waiter.

Architect and Owner Taking Sub-Figures.
APARTMENTS Cost, $235,000
SAN FRANCISCO, Van Ness Ave.
Six-story class B apt. house (12 6-room apartments.)
Owner—J. Pasqualetti of the American Concrete Co., Humboldt Bank Bldg San Francisco.
Architect—Wm. F. Gunnison and H. P. Merritt, 57 Post St., San Francisco.

Material of Merit
DOORS
Firedoors, Freight Elevator, Garage and Warehouse Doors. Fold-up-Dors, Ti-co-dors, Cobalddors, Wal-el-dors.—St. Louis Fire Door Co.
STORE FRONTS
The newest and most diversified store front.—Security Metal Products Co.
SASH OPERATING DEVICES
T. J. Callahan Co.
IRVING SUBWAY AND SAFSTEPS
The fireproof, ventilated non-slipping flooring.—Irving Iron Works Co.
LIGNI SALVOR
Best Wood Preserver.
Douglas Woodhams & Co.
J. C. LYNN
24 CALIFORNIA STREET
Sutter 5907 San Francisco

PORTLAND, Ore.—Herbert Gordon. 607 Railway Excahnge Bldg., has had plans prepared and will erect for himself a two-story and basement, 140 by 140 ft., apartment house at Broadway and Hancock sts., est. cost $175,000. Will be 14 3-room and 3 2-room apts. on first floor; 15 3-room and 7 2-room apts. on 2nd floor and 12 3-room apts in basement. Concrete and brick construction.

LOS ANGELES, Cal.—E. Rosenthal, 460 S Burlington Ave., has had plans prepared and will erect a 65-room, 30-apartment bldg. on Union Dr. near 6th St. for himself. Three-story, 48x123 ft. brick walls, press. brick facing, comp. rfg., pine trim, oak and pine flrs., tiled baths, water htrs, gas rads, wall beds; $50,000.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 330 Pac. Finance Bldg., are preparing working plans for a community house to be erected at s.w. cor. of Whitley and Franklin Aves., for Thos. A. McNamara. Five-story, 61 apts 100x185 ft., brick walls, stucco and cast stone exter., comp. rfg., hardwd. and pine trim and fls., elevators, wall beds, tiled baths, steam htg.; $300,000.

LOS ANGELES, Cal.—Archt. Everett H. Merrill, 3391 W 6th St., is preparing preliminary plans for a $90,000, 2-story store and apt. bldg. to be erected on Jefferson St., owners name withheld. Six stores, 34 single apts., brick walls, stucco exter., cem. and hardwood fls., tile and comp. rfg., art stone trim, tile baths and drainbds., disap. beds.

LOS ANGELES, Cal.—H. S. Heineman 830 San Fernando Bldg., ras the contract to erect a 76-room apt. bldg. at 3350 San Marino St., for Cora Decker. A. S. Heineman, 830 San Fernando Bldg., archt. Frame and plaster constr., 3-story 60x145 ft., comp. rfg., gas rads., tile baths and drainbds., wall beds, pine trim, hardwood fls; $76,000.

LOS ANGELES, L. A. Co., Cal.—Archt Saul H. Brown, 528 Union League Bldg. has completed plans for a 4-story apt. bldg. to be erected on Western Ave. nr. Lexington Ave. for J. Felix. There will be 46 single apts. Four-story, 134x50 ft; frame and stucco constr.; comp. rfg., oak fls., gas rads., aut. water htrs., tile baths and drainbds., pine fls. and trim, fire escapes; $50,000.

LOS ANGELES, Cal.—Louis A. Kerston, 957 S Norton Ave., has had plans prepared and will erect a store and apt house at n.e. cor. of Vernon Ave. and Main St. for himself. Dimensions 140x60 ft., 5 stores, 11 apts.; brick walls, press brick facing, plate glass windows, steel beams, comp. rfg., metal skylights, pine trim, wall beds, water htrs., gas rads.; $55,000.

LOS ANGELES, Cal.—Archts. Monaco & Bordeaux, International Bk. Bldg., have prepared plans and are taking bids for erecting a 2-story brick store and apt. bldg. on 7th St., bet. Vermont and Westmoreland Aves., for Lloyd W. Moultrie, Security Bank Bldg. Dimensions 100x130 ft., brick walls, press. brick facing, plate glass windows, steel beams, comp. rfg., metal skylights, pine trim, oak and pine fls, tiled baths, wall beds, water htrs., gas rads; $50,000.

LOS ANGELES, Cal.—T. C. Kistner Co., archts., 616 Pantages Theater Bldg, and Spreckles Bldg., San Diego, has completed plans for a 4-story class C apartment bldg., to be erected on Bonnie Brae St. near 7th St. for Mrs Chase; it will contain 43 single and double apartments. Brick walls 4-story and basement, 42x120 ft., comp. rfg., hardwood and tile fls. elec. elevators, tiled baths and drainbds, wall beds, struc. steel, steam or elec. htg. sys.; bids to be taken this week.

LOS ANGELES, Cal.—Harry Genser, 208 Hibernian Bldg., has completed plans for a 2-story brick store and apartment building to be erected on the n.e. cor. of Brooklyn Ave. and Breed St. for Friedman & Binder. There will be 5 stores and 8 single apts. and offices. Two-story 80x40 ft., brick walls, press. brick facing, comp. rfg., steel beams, metal skylights, hardwood and pine fls., tile baths and drainbds., aut. water htrs., plate glass; $55,000. Owners will erect by day labor.

BONDS

HANFORD, Kings Co., Cal. — City trustees have instructed the city clerk to advertise for bids for the purchase of the $190,000 civic center bond issue.

CULVER CITY, Cal.—Election will be held in near future to vote $100,000 bond issue to const. combined city hall, fire and police station.

STOCKTON, San Joaquin Co., Cal. — Election will be held March 28 in Figarden School District to vote bonds of $21,000 to finance erection of new school. Trustees of district are: W. M. Bacon, Mrs. Fannie Lake and Mrs. Blanche Allison.

SAN DIEGO, San Diego Co., Cal.—The $850,000 high school bond issue has been sold to the Anglo-California Trust Co. of San Francisco, at par, accrued interest and a premium of $22,015. The same company purchased the $400,000 district school bond issue, on same terms, and premium of $10,280. There were five other bids

ELSINORE, Riverside Co., Cal.—An election will be held March 4 to vote on a $60,000 high school bond issue. The money will be used for purchasing additional sites, building several new buildings and adding to existing ones.

SACRAMENTO, Cal.—Until March 17, bids will be rec. by county supervisors for purchase of $75,000 bond issue of Folsom Union High School. Geo. C. Sellon & Co., Mitau Bldg., Sacramento, are the architects.

BAKERSFIELD, Kern Co., Cal. — Election to vote bonds of $150,000 to finance extensions to Kern County High School failed to carry.

INGLEWOOD, L. A. Co., Cal.—The $200,000 high school bond issue carried at the recent election. The funds will be used to build a 20-room addition to the union high school, a gymnasium and a swimming pool.

HUNTINGTON PARK, L. A. Co., Cal. —The $750,000 high school bond issue carried at the election Feb. 29.

CULVER CITY, L. A. Co., Cal.—The $100,000 city school bond issue carried at the election Feb. 29.

PALO ALTO, Santa Clara Co., Cal. — Bonds of $200,000 voted in Palo Alto City School District to finance construction of new school building and addition to present structures.

SAN JOSE, Santa Clara Co., Cal.—Election to vote bonds of $79,000 to finance construction of new school building for Valley-Pioneer-Hacienda Union School District failed to carry; 154 favored and 118 opposed the issue.

CHURCHES

Contract Awarded.
CHURCH Cost, $13,860
OAKLAND, NW Racine & 58th Sts.
One-story frame church (all work except heating and furnishing).
Owner—German Evangelical St. Markus Congregation.
Architect — Wythe, Blaine & Olsen, Central Bank Bldg., Oakland.
Contractor—C. H. Lawrence, 5321 Lawton, Oakland.

Figures To Be Taken In 30 Days.
CHURCH Cost, $75,000
BURLINGAME, San Mateo Co., Cal.
Two-story and basement frame and stucco or hollow tile church.
Owner—First M. E. Church.
Architect—Paul V. Tuttle, 357 12th St., Oakland.

Owner To Take Bids.
CHURCH Cost, $30,000
SAN DIEGO, San Diego Co., Cal.
One-story frame and stucco church.
Owner—Trinity M. E. Church.
Architect—Tuttle & Tuttle, 357 12th St., Oakland.
Plans have been forwarded to the owner.

Ready For Figures In Ten Days.
CHURCH & SCHOOL Cost, $50,000
WOODLAND, Yolo Co,, Cal.
Frame and stucco church and school, (tile roof, Spanish style).
Owner—First M. E. Church.
Architect—Tuttle & Tuttle, 357 12th St., Oakland.
Bids will be taken for a general contract.

LOS ANGELES, Cal. — Parker O. Wright and Francis H. Gentry, archt. and engrs., 316 Marine Bank, Long Beach, and 1123 Central Bldg., L. A., are preparing plans for a class A mausoleum structure and a chapel to be known as the Angeles Abbey Mausoleum, to be erected at Compton Blvd. and Long Beach Blvd., for the Mausoleum Park Co. Found. of main bldg., 139x172 ft., 2500 crypts., conc. constr., marble and art glass fls., walls and windows, conc. slab and comp. rfg.

LONG BEACH, L. A. Co., Cal.—C. T. McGrew & Sons, 1345 W Ocean Blvd., Long Beach, have the contract to erect the 3-story Sunday school addition at the First Congregational Church, 237 Cedar Ave., Long Beach. H. M. Patterson, 325 O. T. Johnson Bldg., Los Angeles, archt. Found. 45x150 ft., class B constr., brick walls, face brick exter, terra cotta trim, tile and comp. rf., steam heat.

BEVERLY HILLS, L. A. Co., Cal. — Archt. J. J. Donnellan, 231 Bryson Bldg has prepared preliminary plant for a new church and rectory to be erected at Beverly Hills for the Church of the Good Shepherd. The church bldg. will be 66x130 ft., frame and plaster construction.

SEATTLE, Wash. — Archts. Beezer Bros., Seaboard Bldg., have bids under advisement for a two-story 110x70 ft. masonry construction synagogue to be erected at the s.e. corner of 21st Ave. and E-Spruce St., for the Herzl Congregation, Baruch Shapiro, Rabbi. Est. cost $100,000.

VISALIA, Tulare Co.—First Christian Church, Visalia, are having plans prepared for a new church and Sunday school bldg. to be erected at Visalia. The first unit, the Sunday school section, will be erected at once, at a cost of $15,000 and will be of frame and plaster constr., comp. rfg., hardwd. fls, gas htg., art glass, etc. The second unit or church bldg., will be erected after the first unit is completed and will cost $35,000.

FACTORIES AND WAREHOUSES

Completing Plans—Ready For Figures In Three Weeks.
BUILDING Cost, $100,000
SAN FRANCISCO, 7th and Howard Sts.
Three-sto., reinforced concrete "Blindcraft" building.
Owner—S. F. Association for the Blind (Misses H. E. I. M. Cowell and Mr. S. H. Cowell, donors).
Architect—H. H. Meyers, Kohl Bldg., San Francisco.

Contract Awarded.
MFG. PLANT Cost, $35,000
SAN FRANCISCO, E Howard 22-5 S 13th.
Two-story brick and steel manufacturing plant.
Owner—M. Saroff.
Contractor—Samuel Schell, 180 Jessie St., San Francisco.

Plans Being Prepared—Contr. Awarded
LOFT BLDG. Cost, $—
SAN FRANCISCO, S Howard W 5th.
Two-story and basement reinforced concrete loft building.
Owner—Howard Realty Co., Alexander Bldg., San Francisco.
Lessee—American Laundry Machine Co
Archt. & Contr.—Geo. Wagner, 181 So. Park, San Francisco.

Ready For Figures End Of This Week.
BAKERY BLDG. Cost, $50,000
SAN FRANCISCO, Cor. Howard and Washington Alley.
Two-story and basement reinforced concrete bakery building (4 ovens, oil burning equipment, etc.)
Owner—Twentieth Century Bakery Co.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Plans Being Prepared.
FACTORY Cost, $12,000
OAKLAND, Alameda Co., Cal., 8th & Jefferson Sts.
One-story brick factory.
Owner—Withheld.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.

Plans Being Figured.
BUILDING Cost, $30,000
SAN FRANCISCO, S 9th St. 100 E Howard.
One-story and mez. class C reinforced concrete industrial bldg. 180,000 sq ft.
Owner—S. F. Realty Syndicate.
Lessee — Goose Air Springs Co., Inc.,
Architect—A. J. Herstmann, 110 Sutter St., San Francisco.
Figures are being taken for a general contract.

Working Drawings Being Prepared.
CANNING PLANT Cost, $1,000,000
SACRAMENTO, Cal., 16th, 18th B & C Streets.
Reinforced concrete and brick packing plant.
Owner — California Packing Co., 101 California St., San Francisco.
Engineer—Philip L. Bush, 101 California St., San Francisco.

Sub-Figures To Be Taken Next Week.
MACHINE SHOP Cost, $14,000
SAN FRANCISCO, SE Natoma 275 SW Third.
Two-story and basement reinforced concrete class C machine shop.
Owner—Daniel O'Neill, 273 Mission St., San Francisco.
Architect—J. E. Krafft & Sons, Phelan Bldg., San Francisco.

ALAMEDA, Cal.—See "Wharves and Docks," this issue.

Plans Being Figured.
WAREHOUSE Cost, $16,000
SAN FRANCISCO, S Stevenson St., 275 W 6th St.
Three-story and basement reinforced concrete warehouse 25x75, freight elevator.
Owner—Withheld.
Architect — Gunnison & Merritt, 57 Post St., San Francisco.
Figures are being taken for a general contract.

SAN BERNARDINO, San Bernardino Co., Cal.—Archt. Howard E. Jones, 405 Katz Bldg., is completing plans for a wholesale bakery bldg. to be erected at Third and D. Sts. for J. W. Willets. It will be 2-story 60x125 ft., of reinf. conc. constr. with steel windows. Elevator to have 3000 lb. capacity. Cost, $50,000. The baking machinery will have a capacity of 15,000 loaves daily.

LOS ANGELES, Cal.—Lloyd & Casler 409 Junior Orpheum Bldg., are contemplating erecting a 6-story loft bldg. at cor. Pico Blvd. and Wall St. for themselves. It will probably be of reinf. conc. constr. and will be 78x137 ft.

SAN FRANCISCO—Construction of a $1,000,000 auto tire factory in San Francisco or the East Bay district is contemplated by Eastern interests, according to Theodore F. Merseles, president of the Montgomery Ward Company of Chicago. The plant will manufacture for distribution in California, Nevada and other Pacific Coast points. Further announcements will be made as negotiations progress, Merseles says

BRAE, Cal.—Brae Clay Products Co. is being organized with a capital stock of $50,000, for the purpose of erecting a $60,000 brick plant with 18,000 daily capacity. For further information address the Brae Chamber of Commerce.

LOS ANGELES, Cal.—Archt. H. C. Deckbar, 1007 Wright-Callender Bldg., has completed plans for a 26-room four family flat bldg., to be erected at 319 N Alexandria St. for Rose L. Pauling. Frame and plaster constr., 2-story and part basement, tile and comp. rfg., hardwood fls., gas rads., aut. water htrs., tile baths and drainbds., pine trim, tile mantels, wrought iron work.

LOS ANGELES, Cal.—A. Quandt & Sons, of San Francisco and Los Angeles have been awarded the painting contracts for the new $400,000 Blake-Moffatt & Towne building and the new Western Wholesale Drug Company's building, both at Los Angeles. The Clinton Construction Company are the general contractors.

LOS ANGELES, Cal.—W. T. McFie Supply Co., 213 N Los Angeles St., has purchased a site of 7½ acres at s.w. corner of Alameda St. and Slauson Ave. and contemplates the erection of two new warehouse and factory bldgs., one to contain 40,000 sq. ft. and the other 50,000 sq. ft., 1-story, brick construction.

LOS ANGELES, Cal.—Archt. Joseph Weston, 515 Hollywood Security Bldg., has completed plans for a 2-story class A laboratory bldg. to be erected at 1006 N Cole Ave. for the Technicolor. Reinf. conc. constr., 50x100 ft., comp. rfg., plaster exter., cement fls., steel sash, steel doors, etc. L. A. Bldg. and Contr. Co., 312 Marsh-Strong Bldg., will be the contractors.

OAKLAND, Cal. — Illinois Wire & Cable Co., Cycamore, Ill., has purchased six acres adjoining property of Victor Talking Machine Co., in 79th Ave., and plans early construction of a plant for the manufacture of electrical wire and cable. It is expected the plant will be in operation in June of this year and will employ at the start of operations 100 men using from 500,000 to 700,000 pounds of copper a month. G. E. Dutton is president of the company.

LOS ANGELES, Cal.—Archts. Morgan, Walls & Clements, 1124 Van Nuys Bldg., are preparing plans for a 12-sto and basement class A store and loft bldg. to be erected on the east side of Broadway between 9th and 10th Sts. for A. B. Cohn. Dimensions, 50x90 ft., reinf concr. frame, flrs. and roof, brick filler walls, terra cotta and press. brick facing, plate glass windows, steel sash, marble and tile work, freight elevator and two passenger elevators, steam heat, metal lath ceilings.

LOS ANGELES, Cal.—Archt. John M. Cooper, 321 Marsh-Strong Bldg., has completed plans and has the contract to erect a 1-story side addition to bakery bldg. at cor. 60th St. and St. Andrews Pl. for the Ward Baking Co. Brick walls, dimensions, 90x160 ft., comp. rfg., steel frame constr., steel sash, cement fls., metal skylights, wire glass, steel roof trusses; $36,000.

SANTA ANA, Orange Co., Cal.—West Ontario Citrus Assn. stockholders have directed the board of directors to proceed with plans for the construction of a reinf. conc. packing plant costing $200,000. Capacity of the new plant will be approx. 1500 carloads oranges.

FLATS

Contract Awarded.
FLATS Cost, $11,900
BERKELEY, Alameda Co., Cal. No. 2317-19-21-23 Hilgard St.
Two-story 16-room flats.
Owner—A. Wittschen, 4209 Grove St., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland.

SAN FRANCISCO—See "Apartments" this issue.

Contract Awarded.
FLATS Cost, $16,000
SAN FRANCISCO, E Larkin 87-8½ S Greenwich.
Three-story and basement frame (3) flats.
Owner—J. A. Murray, 278 Post St., San Francisco.
Architect—Masten & Hurd, 278 Post St San Francisco.
Contractor—Meyer Bros., 603 1st Natl. Bank Bldg., San Francisco.

Figures To Be Taken Shortly.
FLATS Cost, $12,000
OAKLAND, —.
Two-story frame (2) flats (5 & 5 rms).
Owner—Mrs. C. Morehouse.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.

LOS ANGELES, Cal.—Archts. Edelman & Barnett, 726 H. W. Hellman Bldg., are completing plans for a 20-rm. four-family flat bldg. to be erected at 4610½ S Figueroa St. for John Swabeck. Frame and plaster constr., tile and comp. rfg., 2-story, tile baths and drainbds., gas rads., aut. water htrs., pine trim, wall beds; bidds to be taken next week.

PORTLAND, Ore.—Archt. Edward A. Miller, Henry Bldg., commissioned by American Railway Car Co., Henry Bldg Portland, to prepare plans for first unit of car building plant on 8-acre tract near Tigard; will be heavy mill construction, 60 by 300 ft. A. D. Brown is president and A. C. Forrestter is vice president of the car company.

GARAGES

Completing Plans—Ready For Figures In Three Weeks.
GARAGE Cost, $130,000
SAN FRANCISCO, E Embarcadero bet. Commercial and Clay Sts.
Three-story and basement reinforced concrete garage.
Owner—Cowell Estate Co.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.

Plans Complete.
GARAGE Cost, $30,000
SAN FRANCISCO, Stockton and Pacific Streets.
Two-story reinforced concrete public garage.
Owner—Vi Canepa.
Architect—Matthew O'Brien, Nevada Bank Bldg., S. F.

Plans Being Prepared—Figures To Be Taken In Two Weeks.
GARAGE Cost, $200,000
SAN FRANCISCO, South of Market below Third St.
Six-story reinforced concrete public garage.
Owner—Louis R. Lurie, 315 Montgomery St., San Francisco.
Architect—O'Brien Bros. 315 Montgomery St., San Francisco.
It will accommodate 300 cars. The upper floors will be reached by ramps. Plans Being Prepared.

GARAGE Cost, $2,500,000
SAN FRANCISCO, 4th, Jessie, & Stevenson Streets.
Ten-story and double basement class A garage 155x300 3 entrances)
Owner—F. P. Mozingo et al (California Garage Syndicate).
Architect — Joseph L. Stewart, Claus Spreckels Bldg., San Francisco.
The property has been purchased from Mr. Lurie and the new owners plan to have construction started in about 60 days.
The upper floors will be reached by ram system. The Dhumy Ram Co. is interested in the syndicate.

BURBANK Los Angeles Co., Cal.—Farley & Farely, 219 N. Olive St., Burbzank, have the contract and will start work early in the month on a garage, 120x100 ft. on San Fernando Blvd. for M. Pastroni. The site is just west of Mr. Pastroni's service station. The exterior will be cobblestone to conform to the architecture of the owner's service station adjoining The service station is being equipped with Boyle-Dayton pumps.

Segregated Bids Being Taken.
GARAGE Cost, $20,000
CALISTOGA, Napa Co., Cal.
One-story steel, hollow tile and brick garage building with mezzanine floor.
Owner—Frank Moors.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO — Constructing Quartermaster, Fort Mason, is preparing plans for a boundary line fence at the San Francisco Presidio extending from 15th to 22nd Aves. Will be No. 9 gauge link fence constructed of 6x6x8x8-in. r. w. posts 10 ft. on centers with 3 rows of barbed wire on top. Three feet under the ground will be placed 1x12 in. planks to prevent digging under fence to secure admittance to Presidio grounds.

SAN FRANCISCO — Constructing Quartermaster, Fort Mason, will shortly commence preparation of plans for a 40-ft. rein. conc. well at Lobos Creek and West Clay streets.

SAN FRANCISCO — Constructing Quartermaster Fort Mason is preparing plans to convert steam oil burning pumping plant at Fort Miley into an electric plant. A 250-gal, per min. centrifugal pump 15-h. p. 3-phase motor will be installed.

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100% Mechanical Key.
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PRESCOTT, Ariz. — Following bids rec. by U. S. Veterans Bureau, Arlington Bldg., Washington, D. C. ,to erect kitchen and mess hall and connecting corridors at Veterans Hospital No. 50, Prescott, Ariz:

Item 1, contract price asbestos shingles; 2, contract price built up roofing.

Egan Construction Co., Phoenix, Ariz item 1, $35,881, 120 working days; 2, $34,658, 120 working days.

Jennings Construction & Engineering Co., El Paso, Texas, item 1, $34,640, 105 calendar days; 2, $33,530, 105 days.

Christopher Tolton, Prescott, Ariz., item 1, $31,995, 110 calendar days; 2, $30,520, 110 calendar days.

Wm. MacDonald Construction Co., St. Louis, item 1, $38,600, 120 calendar days; 2, $37,200, 120 calendar days.

Robert E. McKee, El Paso, Texas item 1, $35,500, 140 calendar days; 2, $34,600, 140 calendar days.

Office of the Supervising Superintendent, Room 402 U. S. Post Office Building, San Francisco, California, March 3, 1924.

Invitation For Proposals

Sealed Proposals will be opened at this office at 12 o'clock M on March 12, 1924, for miscellaneous changes at the Post Office, Courthouse, ets., San Francisco, California.

Drawings and specifications may be obtained at this office at the discretion of the Supervising Superintendent.

WM. ARTHUR NEWMAN,
Superintendent.

WASHINGTON, D. C. — Plans and specifications are being prepared by the Bureau of Yards and Docks, Navy Department, Washington, for the following projects of interest to Pacific Coast contractors:

Specification 4954, Destruction Island Wash., radio compass station.

Specification 4955, San Diego, Calif., hospital building.

Specification 4956, Mare Island, Calif oil wharf.

Specification 4960, Mare Island, reconstruction of dyke.

Specification 4952, Point St. George, Calif., radio compass station.

DENVER, Colo.—Until March 11, bids will be rec. by U. S. Bureau of Reclamation, Denver, for gates, hoist and stem guides for Tieton dam, Yakima project, under Specification 351-D, involv. approx. 15,000 lbs. metal work.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies & Accounts, Navy Department, for fur. and del. materials to Navy Yards as follows; date for opening bids as noted at close of each paragraph:

Schedule 1925, for eastern and western yards, bolts, nuts and rivets, March 18.

Sched. 1938, for Mare Island, 1500 lbs. ultra-marine blue, 10,000 lbs. zinc dust and 50,000 lbs. zinc oxide, March 18.

Sched. 1945, for Mare Island, 25,105 ft. welded steel pipe, March 25.

Sched. 1946, for Mare Island, 14,000 lbs. brass pipe; for Puget Sound 5900 lbs. copper tubing, March 25.

Schedule 1955, por Puget Sound, steel studs, March 18.

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Samples Submitted

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Res. 4201 Mission St.
Phone Randolph 5982

PUGET SOUND, Wash. — Following bids rec. by Bureau of Yards and Docks Navy Department, under Specification 4928, to erect barracks for plane operators station, Puget Sound Navy Yard: (1) work complete; (2) add for tile in bath.

Parker & Wood, Bremerton, Wash., item 1, $13,913; 2, $150; 90 days.

Edwin M. Cramer, 4514 11th Ave. N E., Seattle, Wash., item 1, $15,865; 2, $15,985.

Rounds-Clist Co., 404 Walker Building, Seattle, Wash., item 1, $16,157; 2, $307; 150 days.

Charles H. Schaar & Son, 721 21st Ave., Seattle, Wash., item 1, $14,950; 2, $236; 120 days.

HALLS AND SOCIETY BUILDINGS

Bids Rejected — Construction Postponed For the Present.
LODGE BLDG. Cost, $100,000
WOODLAND, Yolo Co., Cal., Bush and College Sts.
Two-story reinforced concrete lodge building.
Owner—Elks Lodge.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Completing Plans.
LABOR TEMPLE $250,000 or more
OAKLAND, SE 11th & Franklin Sts.
Five-story and 5 mezz. floors reinforced concrete labor temple with basement garage for 126 cars.
Owner—Central Labor Council.
Architect — W. J. Wilkinson, American Bank Bldg., Oakland.

There will be an auditorium to seat 2000, also a large pipe organ.

Two stores will have a part of the ground floor space. Directly behind the stores will be a large billiard and card room containing 18 billiard and pool tables and space for other games. The upper floors will be occupied by offices and meeting rooms. Twelve large meeting halls and between 30 and 40 offices will be built, according to the plans.

The old temple will be torn down and the property sold.

Plans Completed.
STORES & LODGE Cost, $70,000
FRESNO, Fresno Co., Cal., Merced and R Streets.
Part 2 and 3-story brick (7) stores and lodge building 90x120 ft.
Owner—Pythian Holding Corporation (Knights of Pythias).
Architect—Chas. E. Butner, Fresno.

Directors of the holding corporation are: P. A. Pilegard, Martin Madsen, O. P. Kieldsen, G. P. Cummings, A. A. McNair. Pythian trustees are A. J. Dunnan, G. P. Cummings and J. S. Bristol.

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LOS ANGELES

Completeing Plans.
STORE, CLUB BLDG. Cost, $35,00
SAN FRANCISCO, Polk St. near Market.
Three-story and basement reinforced concrete store and club bldg.
Owner—Louis R. Lurie.
Architect — O'Brien Bros., 315 Montgomery St., S. F.

The third floor has been leased to the California Camera Club.

HOLLYWOOD, L. A. Co., Cal.—The Hollywood Y. M. C. A., Hudson and Selma Sts., is contemplating the erection of a dormitory, club and banquet room addition to the present home of the association. Arthur S. Waters is chairman of the committee of management.

Contract Awarded.
STORE, CLUB BLDG. Cost, $35,000
SAN FRANCISCO, Polk St. near Market.
Three-story and basement reinforced concrete store and club bldg.
Owner—Louis R. Lurie.
Architect — O'Brien Bros., 315 Montgomery St., S. F.
Contractors—Vukicevich & Bagge, 180 Jessie St., San Francisco.

The third floor has been leased to the California Camera Club.

LOS ANGELES, Cal.—Archts. Allison & Allison, 1405 Hibernian Bldg., have completed plans for the class A women's club. bldg. to be erected on Flower St., bet. 8th and 9th Sts., for the Women's Athletic Club. It will be 7-stories and basement, 150x157 ft., reinf. conc. constr., stucco exter., cast stone trim, clay tile and comp. rfg., marble and tile work, hardwood finish, hardwood nd cem. floors, elevators, steam htg., vacuum cleaning; $750,000. Bids will be taken this week on segregated contracts.

SANTA ANA, Orange Co., Cal.—Archt H. Newton Thornton, Hill Bldg., Santa Ana, has completed plans for the remodeling of the Masonic Temple, n.e. cor. Sycamore and Fifth Sts. and work will start within the next few weeks. The work will cost approx. $100,000. The completed bldg. will have 3-sto., with lobby and stores on the ground floor.

SANTA MONICA, L. A. Co., Cal. — Wilson Bros., 832 Euclid Ave., Santa Monica, have the contract, cost about $70,000, for adding a second story and general remodeling in converting the 3-story 100x100 ft., frame Santa Monica Bathhouse bldg., Santa Monica, into quarters for the Santa Monica Athletic Club, with lobby and bathers quarters on 1st floor, lounge, clubrooms, dining room, kitchen, billiard room and card room on 2nd floor; 12 sleeping rooms, gymnasium and locker rooms on 3rd fl.; balcony and handball courts on 4th floor. Stucco exter., comp. rfg., hardwood and tile fls, heating & laundry plant, elevators. W. Asa Hudson, rm. 9, Woods-Beekman Bldg., Beverly Hills, archt.

HOSPITALS

VISALIA, Tulare Co., Cal.—Alex Rebels, Tulare, at $663.38 awarded cont. by county supervisors to grade 17-acre county hospital tract.

A. E. Leitch J. G. Leitch

LEITCH ROOFING CO.

Successors to Clark & Leitch

Office and Warehouse:

1116 SECOND ST., SACRAMENTO

Phones Main 720—6223

Contracts Awarded.
HOSPITAL (2nd unit) Cost, $70,000
NEVADA CITY, Nevada Co., Cal.
Two-story reinforced concrete hospital (second unit).
Owner—Nevada County.
Architect—Wm. Mooser, Nevada Bank Bldg., San Francisco.
General Contract awarded to Al. Vezina and John Diestel, Russ Bldg., S. F. at $61,000.
Heating, plumbing, electrical work & Mechanical equipment to O. Kurtz, 445 Stevenson St., S. F., $14,700.

SAN JOSE, Santa Clara Co., Cal.—Sunset Lumber Co., at $725 submits only bid to supervisors to const. Monro sile at county almshouse. Bid rejected and new bids ordered received to be opened March 17, 11 A. M. Spec. obtainable from County Clerk Henry A. Pfister.

FRESNO, Fresno Co., Cal.—German Hospital Assn. will be organized in West Fresno to finance erection of a $50,000 hospital structure. Dr. Harry Robertson, of Fresno, is interested in the project. Frank H. Marvin, Mattei Bldg., Fresno, is attorney for the interests represented.

VISALIA, Tulare Co., Cal.—Until 2 P. M., Mar. 3, bids will be rec. by supervisors to grade county hospital site. Plans obtainable from county supervisors. Work involved comprises (1) grading 17.57 acres of land; (2) removal of existing fences 180 rods more or less; (3) rebuilding similar fences 120 rods more or less. Cert. chk. 5%. Gladys Stewart, Clerk of the Board.

OAKDALE, Stanislaus Co., Cal.—City trustees contemplate erection of municipal hospital building. It is probable a bond election will be called to finance construction.

SAN JOSE, Santa Clara Co., Cal.—Until April 7, 11 A. M., bids will be rec. by Henry A. Pfister, County Clerk, for the purchase of the following equipment at the county hospital, no longer required by the county: 1-70 H. P. Kirvance, 1-80 H. P. Erie City tubular boilers complete with fittings, two pumps, two feed water pumps, valves, blow-offs and piping connected with boilers in the boiler room where located. Further information obtainable from clerk.

CULVER CITY, L. A. Co., Cal.—Architects S. Tilden Norton and Frederick H. Wallis, 716 S Spring St., have prepared preliminary plans for a group of orphanage bldgs. to be erected on a 23-acre site at Vista Del Mar, near Culver City, for Jewish Orphanage; there will be four dormitory units each to be complete with bed rooms, kitchens, ing rooms, baths and reading rooms to accommodate about 20 children. They will be of masonry constr., 1-story and 2-story, gas htg.; the first units will cost about $250,000.

SACRAMENTO, Cal.—R. A. Herold, architect, Forum Bldg., recommends to supervisors award of contract for linoleum for county hospital to Wilson Eros., of Sacramento at $4745. Van Fleet Freear Co., San Francisco, bid $4899. Recommendation taken under advisement.

LOS ANGELES, Cal.—C. A. Reed & Son, 421 E 6th St., Long Beach, were awarded the contract at $26,715 for erecting the nurses' home bldg. at the Community Hospital, State and Termino Sts., Long Beach. Other bids were J. D. Sherer, $26,759; W. J. Burgin, $27,900; Chas. Nielsen, $29,851; C. T. McGrew & Sons, $29,988; R. E. Campbell, $30,460; J. B. Langford, $31,500. Two-story, frame, stucco exter., found., 38x98 ft., 26 rooms, 13 baths, hardwd fls., tile rf., kitchen, dining room.

FRESNO, Fresno Co., Cal. — B. H. Pendleton, former member of the State Board of Charities and Corrections, urges rebuilding and general improvement at Fresno county hospital. A 300-bed capacity is claimed while the usual run of patients number some 350.

CALIFORNIA—$1,000,000 is available for construction at state hospitals during the year 1924. New structures will be erected at all of the seven state institutions, the number of buildings to be erected and the capacity at each follow:

Sonoma State Home, Eldridge, two buildings, 200,000.
Napa State Hospital, one building, 200,000.
Mendocino State Hospital, Ukiah, one building, 60,000, and an annex to main building, 120,000.
Stockton State Hospital, three buildings, 300,000.
Norwalk State Hospital, two buildings, 240,000.
Southern California State Hospital, four buildings, 320,000.
Agnew State Hospital, building for attendants. A school building and auditorium for attendants will also be erected.

HOTELS

Plumbing & Heating Contract Awarded
HOTEL Cost $250,000
PALO ALTO, Santa Clara Co., Cal. Cor. Hamilton Ave. and Ramona St.
Three-story reinforced concrete hotel with cement exterior and tile roof (150 rooms).
Owner — Palo Alto Improvement Co. (Andrew Peterson, pres. Palo Alto)
Architect—W. H. Weeks, 369 Pine St., San Francisco, and Birge Clark, 600 Embarcadero, Palo Alto, assoc.
General Contractor—John Madsen, 619 Fulton St., Palo Alto at $106,250.
The plumbing and heating contract has been awarded to Christensen & Anderson, 167 Hamilton, Palo Alto.

ANAHEIM, Orange Co., Cal.—Archt. M. Eugene Durfee, 204 Samuel Kraemer Bldg., is preparing plans for converting the recently completed $300,000 Angelina Kraemer bldg. at E Centre and Philadelphia Sts. into a modern hotel. The bldg. was erected by Samuel B. Kraemer, who has named the bldg. for his wife. The main fl. will have six stores and lobby, while the two upper stories will contain 32 apts., the rooms of which can be used separately for transients; tile baths, kitchenettes, dressing rooms, tile lobby fl., mahogany furniture shrubbery, etc.

LOS ANGELES, Cal.—Archt. Everett H. Merrill, 3891 W 6th St., is preparing preliminary plans for a $50,000 3-story store and hotel bldg. to be erected on E 12th St., owner's name withheld. Two stores, 32 rms., brick walls, stucco exterior, art stone trim, cem. and oak fls., tile baths, gas rads.

SAUSALITO, Cal.—See "Apartments,"

LOS ANGELES, Cal.—Archt. Everett H. Merrill, 3891 W 6th St., is preparing preliminary plans for a $60,000 2-sto. store and hotel bldg. to be erected on 9th St., owners name withheld. Six stores, 22 rms., 12 baths; brick walls, art stone trim, hardwood and cem. fls., gas rads.

SAUSALITO, Marin Co., Cal. — See "Apartments."

ICE AND COLD STORAGE PLANTS

MARYSVILLE, Yuba Co., Cal.—Yuba County Farm Bureau is investigating feasibility of constructing a series of small refrigerating plants in various sections of the county.

LOS ANGELES, Cal.—Gay Engineering Corp. 2650 Santa Fe Ave., has been awarded the contract to erect a 5-story class A ice storage bldg. on Jefferson St., bet. Main St. and Maple Ave. for the Jefferson Ice Co. E. J. Borgmeyer, 1003 California Bldg., archt. Five sto., 93x98 ft., reinf. conc. constr.

SAN FRANCISCO—D. N. & E. Walter Co., at $1158 awarded cont. by Bd. Pub. Wks. to fur. and install window and door shades in Horace Mann school.

POWER PLANTS

GLENDALE, Cal.—Until 10 a. m., Mar 13, bids will be rec. by council for two 120 K. V. A.—O. I. S. C., 3-phase automatic induction feeder regulators, ten per cent buck and boost, 50 cycle for 300 ampheres at 2300 volts or 150 amperes at 4000 volts, feeder capacity, complete with thermometer and control apparatus. Bidders to submit spec. Bids to be f. o. b. cars, Glendale. A. J. Van Wie, city clerk.

LOS ANGELES, Cal.—Until 3 p. m., March 11 bids will be rec. by public service comm., 207 S Bdwy., for 25 25-ampere, 6600-volt Anderson time switches. Spec. under Adv. No. P-323-400. Jas. P. Vroman, secy.

SAN FRANCISCO — Constructing Quartermaster, Fort Mason, is preparing plans to convert steam oil burning pumping plant at Fort Miley into an electric plant. A 250-gal. per. min. centrifugal pump, 15-h. p. 3-phase motor, will be installed.

LOS ANGELES, Cal.—Until 3 p. m., March 14, bids will be rec. by public service comm., 207 S Bdwy., for one year's contract for pole top switches under Adv. P-323-401. Jas. P. Vroman, secretary.

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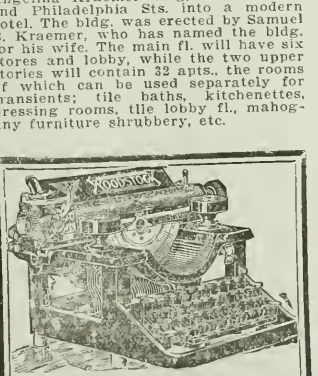

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DIRECT FACTORY BUYERS

CARMICHAEL, Sacramento Co., Cal.—Carmichael Public Utility District defeats bond issue for $60,000 to finance construction of electric distributing system.

NAPA, Napa Co., Cal.—Pacific Tel. & Tel. Co., 333 Grant Ave., San Francisco, has appropriated $10,000 to finance installation of underground and aerial cable system for west and east sections of Napa.

LOS ANGELES, Cal.—Until 3 p. m., March 11, bids will be rec. by public service comm., 207 S Bdwy., for 25 25-ampere, 6600-volt Anderson time switches. Spec. under Adv. No. P-323-400. Jas. P. Vroman, secy.

PUBLIC BUILDINGS

Contract Awarded.
LIBRARY Cost, $21,050
BERKELEY, Benvenue & Ashby Aves.
One-story frame, stucco and brick veneer library (all work except heating, elec. fix., glassware, curtains, shades, drapes, carpets, and desk)
Owner—Mercantile Trust Co. for the City of Berkeley.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contracter — Connor & Conner, 1726 Grove St., Berkeley.
Heating awarded to W. K Nottingham 368 10th St., Sacramento.
The City of Berkeley will purchase the structure from the Mercantile Trust Company.

LEMOORE, Kings Co., Cal. — Plans prepared by Archts. Swartz & Ryland, Fresno, for the new city hall, have been approved by the trustees. The proposed bldg. will be 2-story and contain city offices, fire dept. and Jail annex for temporary prisoners. Est. cost, $27,000, plus $8000 for furnishings and equipment.

YOUNTVILLE, Napa Co., Cal.—Bids will be received by the State Architect Forum Bldg., Sacramento, until March 11, 1924, for painting the Administration building Veterans Home, Yountville, Napa Co., Cal. Specifications on file in the office of The Building & Engineering News, 818 Mission Street, San Francisco.

RICHMOND, Contra Costa Co., Cal.—Richmond Furniture Co., Richmond, at $1.95 sq. yd. awarded contract by city council to fur. and lay 495 yds. linoleum in various fire department buildings.

STOCKTON, San Joaquin Co., Cal.—Council, A. L. Banks, clerk, appropriates $25,000 to finance construction of East Stockton district fire station.

RESIDENCES

Contract Awarded.
DWELLING Cost, $11,110
BERKELEY, Alameda Co., Cal. No. 1439 Le Roy St.
Two-story 7-room dwelling and garage.
Owner—E. S. Miller, Key Route Inn, Berkeley.
Architect—A. W. Anderson.
Contractor—Rowland & Rowland, 2117 Rose St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $13,728
HILLSBOROUGH, San Mateo Co., Cal. Bowil Estate No. 1 Ptn. Lot 3-B.
Two-story frame residence.
Owner—John A. Sinclaire, 95 W Poplar San Mateo.
Architect—Howard & White, Lick Bldg San Francisco.
Contractor — Chas. Pederson, 60 Peninsula Court, San Mateo.

March 3, 1924
Contract Awarded.
RESIDENCE , Approx. $35,000
PEBBLE BEACH, Santa Cruz Co., Cal.
Two-story stone and frame residence (14 rooms and 6 bath rooms).
Owner—Wm. M. Orrick.
Architect—Houghton Sawyer, Hearst Bldg., San Francisco.
Contractor—M. J. Murphy, Carmel.

Ready For Figures In A Few Days.
PARISH HOUSE Cost, $18,000
BERKELEY, Cal., Cedar and Spruce Streets.
Two-story 6-room Parish house.
Owner—All Soul's Episcopal Church, Cedar and Spruce Sts., Berkeley.
Architect—W. H. Ratcliff, Mercantile Trust Bldg., Berkeley.

Contract Awarded.
RESIDENCE Cost, $10,250
FRESNO, Fresno Co., Cal., 555 Terrace Avenue.
Residence and garage.
Owner—Elmore Winkler, Mattei Bldg., Fresno.
Contractor—Shorb & Neads, 1309 Linden, Fresno.

LOS ANGELES, Cal.—Archt. Everett H. Merrill, 3891 W 6th St., is preparing plans for a $30,000 2-story 8-room 3 baths, brick veneer frame dwelling to be erected in the Wilshire district by the Preston S. Wright Co. for a client. Shakes rf., hardwd. fls., tile baths and drainbd., cellar, unit heating.

LOS ANGELES, Cal.—Archt. Everett H. Merrill, 3891 W 6th St., is preparing plans for a $35,000 2-story, frame English dwlg. to be erected by day work in Los Feliz Hts., owners name withheld. Eight rms., 3 baths, stucco exter., hardwood fls., slate rf., furnace, reinf. conc garage.

LA HABRA, Orange Co., Cal.—Architects Ruoff & Munson and E. O. White 1104 Story Bldg., have completed preliminary plans for a large Spanish residence to be erected at La Habra for E. T. Williams; it will have about 14 rms, terraces, ballrm, 4 tile baths, patio, etc. Frame constr., 2-story and basement, cement gun exter, tile rfg., hardwood fls., gas unit htg. sys., aut. water htr., pine and hardw. trim, dumb waiter, tile mantels, kitchenette connected with ballrm., tiled fls. in breakfast room, entrance and diningroom, 3-car garage with servants' quarters above.

SAN RAFAEL, Marin Co., Cal.—Peter Bacigalupi, 1261 Market St., San Rafael general contractor, is having plans prepared for twenty-five cottages to be erected in new tract at Fourth and Douglas Sts., near the San Rafael high school grounds. Approx. cost of each building is $6500.

SCHOOLS

Commissioned To Prepare Plans.
SCHOOL Cost, $85,000
GONZALES, Monterey Co., Cal.
One-story reinforced concrete school (8 rooms and an auditorium).
Owner—Gonzales Grammar School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.

ANDY CANVIN is auditor.
• • •
FOR THE Pacific Cement Co.
• • •
AND ANDY lives.
• • •
IN BEAUTIFUL Westwood Park.
• • •
WHERE SANDY Pratt is "mayor."
• • •
AND WHERE Sandy lives.
• • •
IN ONE of the 650 homes.
• • •
OF PRETTY bungalow type.
• • •
ANDY BOUGHT a dog.
• • •
SUPPOSED TO be pedigreed.
• • •
BUT ANDY named him "Sandy."
• • •
AFTER SANDY Pratt, President.
• • •
OF THE Pratt Building Material Co.
• • •
PRODUCER OF clean, sharp sand.
• • •
AND CLEAN, hard crushed rock.
• • •
SANDY PRATT does not know.
• • •
WHETHER IT is a slam.
• • •
OR A compliment.
• • •
TO HAVE a dog.
• • •
NAMED FOR him.
• • •
WHO FROM his looks.
• • •
WAS NOT very particular.
• • •
ABOUT HIS parents.
• • •
ANDY CANVIN was born.
• • •
IN SUTTER Creek.
• • •
WHERE ANDY'S folks now live.
• • •
AND SOMETIMES.
• • •
THEY CLIP this near-literature.
• • •
CALLED "PRATT'S Concrete Mix."

FROM THE Sacramento Bee.
• • •
AND SEND it to Andy.
• • •
IN BEAUTIFUL Westwood Park.
• • •
IN SAN Francisco.
• • •
AND SANDY Pratt's hope is.
• • •
THAT ANDY will read this.
• • •
AND FILL up with remorse.
• • •
FOR NAMING an ordinary dog.
• • •
AFTER SANDY Pratt.
• • •
WHO SELLS the best rock.
• • •
AND CLEANEST sand.
• • •
IN THE world.
• • •
"I THANK you."

Andy Canvin's famous food consumer, named "Sandy" after Sandy Pratt, producer of good rock, gravel and sand at Sacramento, Prattrock (near Folsom), Marysville and Prattco (Monterey County), had "falling of the hair" from his back. The neighbors entered a complaint and when the pound man came out Sandy (the dog—not the sand and rock producer) chased the dog catcher to the city limits of Los Angeles and beautiful Westwood Park still has two "Sandys."

Contracts Awarded.
SCHOOL Cost, $60,000
ALVARADO, Alameda Co., Cay.
One-story hollow tile school (16 rooms and an auditorium).
Owner — Alvarado Grammar School District.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.
General contract awarded to E. T. Leiter & Son., Oakland, $49,292.
Plumbing to L. A. Gile of San Leandro, $2355
Heating to Allen C. Douglas, 2726 Humboldt, Oakland, $4116.25.
Electrical work bids reected; new bids being taken.

Plans Being Figured.
DEPARTMENT STORE Cost, $30,000
RICHMOND, Contra Costa Co., Cal., Cor Macdonald Ave. and Ninth St.
One-story and mezzanine reinforced concrete and brick department store.
Owner—J. Albert.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
Figures are being taken for a general contract except heating (direct steam system).

MERCED, Merced Co., Cal.—Until March 17, 8 P. M., bids will be rec. by J. W. Spagnoli, clerk, Merced School District, to fur. and del. machinery and equipment for manual training departments. Materials desired fully described in **call for bids under official proposal section in this issue.**

OJAI, Ventura Co., Cal.—Archt. Albert C. Martin, 227 Higgins Bldg., is preparing preliminary sketches for the first units of a group of school and college buildings to be erected at Ojai. Ventura county, for the Augustinian Fathers; Rev. Father Howard, in charge. The initial work will include three buildings of class A construction; they will be 2-story structures, covering approximately 30,000 sq. ft.

LOS ANGELES, Cal.—John B. Dawson, 501 Fay Bldg., was low bidder at $36,710 on the general contract for erecting a new school bldg. at the Murchison St. school site; Hudson & Munsell, Douglas Bldg., archts. Low bidders on the other contracts were: Ora King on plumbing at $3506; Thos. Haverty Co. on heating and ventilating at $4239 Paul B. Johnston on painting at $820; and American Electric Construction Co. on wiring at $783.90. The building will contain nine units; appropriation, $64,000.

SANTA MONICA, L. A. Co., Cal.—Architects Allison & Allison, 1405 Hibernian Bldg., have completed plans for new bldgs. to be erected at Lincoln junior high school site, Santa Monica, to complete the group as originally planned. The new bldgs. will include an auditorium and manual arts bldgs., cafeteria and domestic science bldgs., gymnasiums, shower and locker rooms, bleachers and grandstand. There will also be a running track, tennis and basketball courts. The gymnasiums will be of frame constr with metal lath and plas. exter. The other bldgs. will be of brick constr., rug. brick facing, clay tile rfg., $258,000. Bids will be advertised for this week.

ALVARADO, Alameda Co., Cal.—The following bids were received on March 1st, by the Board of Trustees of the Alvarado Grammar School District, for the construction of a one-story school building to contain sixteen class rooms and an auditorium. Plans were prepared by Architect Henry H. Meyers, Kohl BBuilding, San Francisco.

Bids were taken under advisement.

General Contract

(1) Concrete construction; alternate No. 10 deduct if auditorium interior is unfinished; alternate No. 11, frame construction:
E. T. Leiter & Son, Oakland, $54,387; (10) $3800 deduct; (11) $4820 ded.
M. E. Hopper & Son, Oakland, $63,990; (10) $4885 deduct; (11) $49,700.
J. F. Shepherd, Stockton, (1) $65,577; (10) $4000 deduct; (11) $6650 ded.
J. D. Branagh, Oakland, $67,858; (10) $3900 deduct; (11) $59,700.
F. W. Maurice, Oakland, $68,000; (10) $3800 deduct; (11) $52,000.
Barrett & Hilp, S. F., $68,500; (10) $4,400 deduct; (11) $55,000.
West Coast Constr. Co., S. F., $70,859; (10) $4300 deduct; (11) $52,612.
Alfred Vogt, S. F., $74,834; (10) $6800 deduct; (11) $8000 deduct.
Carl Peterson, $77,463; (10) $3000 ded.; (11) $7200 deduct.
Murch-Williams Constr. Co., Fox Bldg. Oakland, $78,465; (10) $4956 ded.; (11) $51,597.

Plumbing

L. A. Gile 2600
A. Felthammer, Alameda..... 3150
J. E. O'Mara, S. F..... 3175
Thos. R. Catton, Berkeley..... 3299
Carl T. Doell, Oakland..... 3327
Scott Co., Oakland 3379
W. Serpa, San Jose $3975
H. G. Newman, Oakland..... 3900
H. I. Kyle 4065
W. H. Picard, Oakland 4440

Electrical Work

R. M. Butcher $2100.00
Dowdsen Elec. Co..... 2484.00
Strom Elec. Co. 2746.10
Roberts Mfg. Co. 2950.00

Heating

F. Studer, San Jose 7100
(not made out on form)
Al. Douglas 7288.85
(1) $590; (2) $3088.85; (3) $33.75; (4) $18.75; (5) $20; (6) $50.
J. E. O'Mara, S. F. 7390
(1) $639; (2) $3000; (3) $34; (4) $4; (5) $5; (6) $38.
F. J. Edwards 7571
(1) $595; (2) $3260; (3) $39; (4) $105; (5) $20; (6) $95.
Scott Co., Oakland..... 7915
(1) $650; (2) $3080; (3) $42; (4) $178; (5) $23; (6) $32.
Carl T. Doell, Oakland..... 8232
(1) $597; (2) $3389; (3) $27; (4) $64; (5) $17; (6) $38.
W. K. Nottingham $8344
(1) $639; (2) $3328; (3) $34 (4) $33; (5) $2.20; (6) $63.80.
Geo. T. Bell 8500
(1) $600; (2) $2150; (3) $26; (4) $65; (5) $30; (6) $60.
W. H. Picard, Oakland..... 8516
(1) $581; (2) $2736; (3) $29; (4) $—; (5) $35; (6) $20.
H. G. Newman, Oakland 8785
(1) $560; (2) $3915; (3) $39; (4) $25; (5) $18; (6) $35.

New Bids To Be Called For.
SCHOOL, ETC. Cost, $—
SAN ANSELMO, Marin Co., Cal.
Two-story and basement reinforced concrete parochial school.
Owner—Roman Catholic Archbishop.
Architect—Leo J. Devlin, Pacific Bldg. San Francisco.
Specifications are now being re-written and will be ready for bids about March 7th. Bids recently received ran high and it was decided to omit the 2-story convent building for the present.

PIEDMONT, Alameda Co., Cal.—The Board of Education of the City of Piedmont opened bids for the construction of a one and two-story reinforced concrete Junior High School building on March 3rd. W. H. Weeks, 369 Pine St., San Francisco, is the architect. Bids were taken under advisement.

General Contract

John Branags, 184 Perry St., Oak. (all work except htg & ventilating) $149,965
Alternate (1) $2100 deduct (2) $2700 deduct.
Hannah Bros., 142 Sansome St., S. F. (except heating, ventilating, plumbing & electrical work) 159,817
Alternate (1) $500 deduct; (2) $3000 deduct.
all work except heating, ventilating, electric & plastering 145,317
Alternate (1) $500 deduct; (2) $2130 deduct.
Larsen & Siegrist, S. F. (except heating, ventilating and plumbing) 164,780
Alternate (1) $600 deduct; (2) $2640 deduct.
R. W. Littlefield, Oakland (except heating, ventilating & plumbing) 166,576
Alternate (1) $563 (2) $2376

Brick Work

White & Gloor, S. F.....$5800
Redmond Bros., Sacramento 6270
G. Garddiser 6895

Composition Roofing

Fibrestone Roofing Co., S. F.....$1500
Deduct $60.
Malott & Peterson, S. F..... 1684
deduct $90.
J. Bender Co. 2190
deduct $80.

Glass & Glazing

Cobbledick-Kibbe Co.....$2350

Plumbing

Scott Co., Oakland $6840
Carl T. Doell, Oakland..... 7737
W. H. Picard, Oakland 7860
W. D. Durant, Oakland 8000
J. E. O'Mara, S. F. 8500
T. R. Catton, Berkeley 8799
L. J. Kruse, Oakland 13,700

Hardware

E. M. Hundley, S. F.....$2400
Maxwell Hardware Co., Okd..... 3147

Sheet Metal Work

Oakland Machinery Co.....$2280
Deduct $75
Forderer Cornice Wks..... 2287
Deduct $30.

LUMBER

2 x 4 and 2 x 6 soft Pine, S4S, irregular ends, 6 to 10 feet lengths, some nail holes, nice clean stuff.

$15.00 per M. (Our Yards)

PAINTS

Flat White $1.60
Outside White 2.10
White Enamel 2.10
in 5's

THE REVADA CO.

251 STEUART STREET - SAN FRANCISCO

Garfield 6733

W. Heldt Co., S. F. 2834
Deduct $83.

Terrazzo & Tile Work

Oakland Concrete & Terrazzo Co...$780
Alternate deduct $370.

Plastering

Thos. Carroll, 180 Jessie St., San Francisco $15,300
Chas. Terranova, S. F..... 17,500
Geo. Dixon, Oakland 18,500
J. Smith, S. F. 18,575
Perry Bros., Stockton..... 22,114

Painting

C. J. Doehring, 2232 Peralta, Oakland $5968
Add $46, deduct $32.
A. A. Zelinsky, San Francisco....$7885
Add $250, deduct $35.
R. Zelinsky, San Francisco..... 7928
Add $500, deduct $200.

Blackboards

Stewart School Supply Co, Stockton $1453
C. F. Weber Co., S .F. 1460.26
Rucker-Fuller Desk Co., S. F..... 1468
Western States Seating Co., S. F. 1474

Tile Roofing

United Material Co., S. F.....$1940
Gladding, McBean Co., S. F. 2065

Shades

D. N. & E. Walter Co., 562 Mission St., S. F. $964
W. & J. Sloane, S. F. 1151

Cork Carpets

D. N. & E. Walter Co., 562 Mission St., S. F. $2388
W. & J. Sloane, S. F. 2285.60

Electrical Work

M. E. Ryan, 180 Jessie St., S. F. and Redwood City $4250
Omit speaking tube $620 ded.
Roberts Mfg. Co., S. F..... 5400
$560 deduct.
F. E. Newbery, S. F. 6618
$460 deduct.
Watts Elec. Co., S. F. 5750
$435 deduct.
Radlefinger, S. F. 5835
$1100 deduct.
Berkeley Elec. Co. 7000
$918 deduct.

Heating

W. H. Picard, 5656 College,, Oakland, (1) cast iron boiler, $9844; (2) oil B. add $1094; (3) add $654; (4) gas water heaters, $1959; (5) deduct from No. 1, $300.
J. E. O'Mara, S. F., (1) $10,277; (2) $1090; (3) $778; (4) $1647; (5) $430.
W. K. Nottingham, Oakland, (1) $10,649; (3) $1010; (3) $760; (4) $1860; (5) $850.
Scott Co., Oakland, (1) $10,950; (2) $1,050; (3) $815; (4) $2200; (5) $600.
D. W. Durant (1) $10,996; (2) $1180; (3) 846; (4) $1963; (5) $865.
Geo. Schuster, Oakland, (1) $11,364; (2) $1000; (3) $778; (4) $1776; (5) $486.
Carl T. Doell, Oakland, (1) $11,558; (2) $983; (3) $892; (4) $1855; (5) $314.
P. J. Enright, S. F., (1) $12,400; (2) $1085; (3) $815; (4) $2200; (5) $600.

MONTEBELLO, L. A. Co., Cal. — Until 8 p. m., March 22, bids will be received by trustees of Montebello school district for erecting a grammar school bldg. at Wintergarden school site; Jeffrey & Schaefer, 1106 Kerckhoff Bldg. archts. It will contain 10 classrooms and an auditorium to seat 300; brick construction, 1-story, press. brick and terra cotta exterior, clay tile rfg., pine trim, maple flrs., gas htg.; $80,000. Bids will be taken separately on the general contract, plumbing, wiring, heating and painting.

Phone Mission 2607
Res. Phone Mission 5228

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FIRE DOOR EXPERTS

Kalametn, Copper and Bronze Doors and Trim

Ornamental Entrances

Sheet Metal Work of Every Description

CHAS. SCHULTHEIS, Mgr.

3117-3119 TWENTIETH STREET near Harrison St.

SAN FRANCISCO, CALIF.

MODESTO, Stanislaus Co., Cal. — Scheeline Mfg. Co., 76 Tehama St., San Francisco, at $3082.32 awarded contract by Board of Education to install 17 electric steam radiators in Capitol school.

PASO ROBLES, San Luis Obispo Co., Calif.—Until April 3, 7.30 p. m., bids will be rec. by Lillian B. Henry, clerk, Paso Robles Union High School District, to erect two-story masonry and frame high school. Croville L. Clark, architect, 518 Charles C. Chapman Bldg. Los Angeles. Estimated cost $200,000. Segregated bids are wanted for (a) complete structure excluding plumbing, heating, electric work and finish hardware; (b) for plumbing; (c) for heating; (d) for electrical work; (e) finish hardware. Reinf. conc. constr., brick filler walls, basement, 2 story, maple and conc. fls., steel sash, terra cotta or art stone trim. steam htg. sys., pine trim.

See call for bids under official proposal section in this issue.

LONG BEACH, Cal.—See "Churches" this issue.

STOCKTON, San Joaquin Co., Cal.—Until March 13, 7:30 p. m., bids will be rec. by Ansel S. Williams, clerk Board of Education, for electric work at high school. Cert. check 10% req. with each bid. Specifications obtainable from clerk or from the architect, Louis S. Stone, 357 12th St., Oakland.

LOS ANGELES, Cal.—Archt. F. J. Catton, formerly archt. for the L. A. board of education, with an office now at 933 S Park View Ave., L. A., is preparing plans and will be ready for figures about March 10th for the erection of the first section of an Italian Romanesque grammar school group to be erected on the Beverly Vista school site bounded by Rexford Dr., Elm Dr, Gregory Way and Charleville Blvd., Beverly Hills, for the Beverly Hills school dist. Bonds in the sum of $200,000 have been voted and sold. Three 12-classrm. units connected by arcades. Class C constr., found., 300x150 ft., conc. slab fls., corridor walls and stairs, tile rfs., hardwood classroom fls., face brick exters., art stone trim, gas-steam heat, blackboards.

SACRAMENTO, Cal.—Until March 17 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education, to fur., erect and install approx. 1040 lin. ft. property protection wire fence, 6-ft. high with 2 gates, one a 10-ft. double drive and one 4-ft. walk gate. Cert. check 10% payable to Board of Education req. Specifications obtainable from Business Manager of Bd. of Educ., School Administration Bldg., 21st and L Streets.

HUNTINGTON PARK, L. A. Co., Cal. —Archts. Rea & Garstang, 905 Trust & Savings Bldg., have been commissioned to prepare plans for new bldgs. to be erected at Huntington Park union high school site. They will include the practical arts bldg., classrm. and science bldg., and altering and remodeling the administration bldg. Bonds in the sum of $750,000 have been voted.

SITUATION WANTED

Young aggressive salesman located in Los Angeles desires permanent position with manufacturer or company handling building materials, to sell in Southern California. Wide acquaintance among architects, contractors, building material dealers, cement and plastering contractors. Eastern university graduate. Several years' successful selling through Southern California. Capable to assume responsibility and a real producer. Position must offer a real future to a hard worker. Will consider salary or salary and commission plus expenses. Have own car. Will come to San Francisco for an interview.

Address Box 18 % Bldg. & Eng. News, 818 Mission St., S. F.

STOCKTON, San Joaquin Co., Cal. — An Advisory committee of businessmen will recommend to Board of Education the erection of new buildings and installation of equipment for vocational training work at the Stockton high school.

SAWTELLE, L. A. Co., Cal.—Salih Bros., Detwiler Bldg., were awarded the general contract at $237,751 for erecting new high school bldgs. at Sawtelle; Russell & Alpaugh, 1106 Story Bldg., archts. The contract was awarded on the original bid of $245,451 with a deduction of $6000 for selected common brick facing and a deduction of $1700 for omitting art stone. Other contracts were awarded as follows: Plumbing to Dauch Heating & Engineering Co. at $23,500; plumbing to Emerson & Keeler at $28,497; painting to R. Rasmussen at $6640; and wiring to American Electric Construction Co. at $12,300.

LONG BEACH, L. A. Co., Cal.—Archt. H. L. Gogerty, 239½ E Broadway, Long Beach, and archts. Noerenberg & Johnson, 401 L. A. Ry. Bldg., assoc., are preparing plans for an elementary school bldg., to be erected at the Edison elementary school site, Long Beach for the Long Beach Board of Education; it will contain 14 large classrms, auditorium to seat about 300, open air play room and kindergarten. Brick walls, 2-story, tile rfg., maple and conc fls., steam htg. sys., pine and hardwd. trim; $180,000.

SAN FRANCISCO — Rucker-Fuller Desk Co., 677 Mission St., at $947.54 submits low bid to Bd. Pub. Wks. to fur. and install chairs in Horace Mann school, 23rd and Valencia Sts. C. F. Weber & Co. only other bidder at $984.12.

BANKS, STORES & OFFICES

Plans Being Figured.

STORES Cost, $12,000
SAN FRANCISCO, Jones St., near Golden Gate Ave.
One-story and basement reinforced concrete (2) stores.
Owner—Louis R. Lurie.
Architect—O'Brien Bros. 315 Montgomery St., San Francisco.

Sub-Contracts Awarded.

MARKET BLDG. Cost, $30,000
SAN FRANCISCO, 22nd & Bartlett Sts.
One-story and basement class B market building.
wner—Kiernan & O'Brien, Alexander Bldg., San Francisco.
Engineer—Felix H. Spitzer, 26 Montgomery St., San Francisco.
Grading awarded to San Francisco Motor & Drayage Co., 34 McDougal Court.
Concrete work to Mission Concrete Co., Call Bldg.
Structural steel to Schrader Iron Wks. 1247 Harrison St.

L. A., are revising plans for a part 3 and part 5-story class A store and office bldg. to be erected at s.w. cor. Pine Ave. and Ocean Blvd., Long Beach, for W. L. Porterfield. The bldg. will also contain a theater. Figures will be taken from contractors about Mar. 15.

JOOST BROTHERS

Builders' Hardware Tools, Etc.

(Members Builders' Exchange)

1053 MARKET ST.

Phone Market 891 San Francisco

tract Awarded.
RE & WHSE. Cost, $15,690
RKELEY, Center St. near Shattuck Avenue.
-story reinforced concrete store & warehouse.
er—F. L. Naylor.
hitect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
tractor — Conner & Conner, 1726 Grove St., Berkeley.

OS ANGELES, Cal.—Burnett Manuuring Co., 731 E 1st St., has been rded a contract at about $58,000 for lishing and installing three electric senger elevators and sidewalk elevor in the 12-story class A store and ce building being erected at s.e. cor and Spring Sts. for the Financial ter Building Co. S. Tilden Norton Frederick H. Wallis, 716 S Spring archts.

el Contract To Be Awarded.
FICE BLDG. $2,500,000 approx.
N FRANCISCO, New Montgomery and Minna Streets.
enty-six story Class A steel and reinforced concrete office building with terra cotta exterior.
ner—Pacific Telephone & Telegraph Company.
hitect — Miller & Pflueger, Associated with A. A. Cantin, Foxcroft Bldg., San Francisco.
ntractor — Lindgren-Swinerton Co., Inc., Standard Oil Bldg., S. F.
The structural steel contract will be arded to The Pacific Rolling Mills 17th and Mississippi Sts. and the ison Mfg. Co., 817 Folsom St., who ntly submitted the lowest bid.

OS ANGELES, Cal.—The Milwaukee ilding Co., Wright & Callender Bldg.

OS ANGELES, Cal.—The Southern lifornia Gas Co. is reported having ns made in its engineering dept. for erection of a $50,000 100x152 ft. ck office bldg. to be erected at the cor. Brighton Way and Bedford Beverly Hills, E. E. Sweeney, nager.

MONTEREY, Monterey Co., Cal. — ed McCray, Monterey, at approx. 3,000 has contract to erect one-story ick store building in Alvarado St. Titus Bros. A refrigerating plant ll be installed. Contract for brick rk has been sub-let to John Tafuner d electric work to Wm. McConnell.

LOS ANGELES, Cal.—Jacobs Constr. ., 736 H. W. Hellman Bldg., is takg bids on the following sub-contracts asonry, carpentry, elec. wiring, paint g, plate glass and mill work, for a 3ory class C loft bldg., to be erected Hollywood Blvd. near Vine St. for mes H. Jacobs; there will be 3 stores first fl. with lofts above. Brick alls, dimensions 70x200 ft., basement, g. brick facing, terra cotta trim, 3ory, comp. rfg. hardw. and cement s., steel sash, metal skylights, plate ass, etc.

LONG BEACH, L. A. Co., Cal.—Archt. Horace Austin, 521 Pac. S.W. Bldg., ong Beach, is preparing plans for a 75,000 2-story business bldg. to be ected on n.e. alley on Pine Ave. bet. h and 7th Sts., Long Beach, for Geo. and Thos. E. Winstead and Roland and Phil M. Swaffield. Found. and ll basement 50x150 ft., found. for 7 tores, press. brick and glass front, cement and hardwood fls.

LOS ANGELES, Cal.—Archts. Walker Eisen, 330 Pac. Finance Bldg., are reparing working drawings for a 13tory and basement class A loft bldg. be erected at n.e. cor. of 7th and Los ngeles Sts., for S. Goodman. Dimenions 50x90 ft., reinf. conc. constr., ress. brick and terra cotta facing, late glass, steel sash, comp. rfg, two levators.

PACIFIC WAX-DYE CO.
Manufacturers of Specialties
Paints, Waxes, Dyes, Polishes
2886 16th St. San Francisco

LONG BEACH, L. A. Co., Cal.—J. D. Sherer, 1865 E Anaheim Rd., Long Beach, has the contract to erect a $40,000 2-story class C brick store and studio bldg. on Pine Ave. bet. 5th and 6th Sts., Long Beach, for E. J. Wightman, C. C. Lewis and Edgar Davis. W. Horace Austin, 521 Pac. S.W. Bldg., Long Beach, archt. Found. 50x150 ft., 2 stores 2 dance studios, 15 music studios; face brick and plate glass front, terra cotta trim, copper sash, comp. rf., cement store fls., hardwood studio fls.

CLAREMONT, L. A. Co., Cal.—Archt. C. E. Wolfe, Box 1156, Los Angeles, has completed preliminary plans for a new fire hall, to be erected at Second and Harvard Sts., Claremont, for the city of Claremont. It will be of brick constr. 2-story, comp. rfg.; it will contain engine room, apts. for firemen, and assembly room for public meetings. Bonds will be voted on at a spring election.

LOS ANGELES, Cal.—The Owl Realty Co. has secured a 99-year lease on the n.e. cor. of 8th St. and Grand Ave. and contemplates the erection of a limit height class A store and loft bldg. at the expiration of the present short term leases. The site is 55x164 ft. The Owl Realty Co. has also taken a 99-year lease on a lot, 45x157 ft., at s.w. cor. of 8th and Flower Sts. and will commence the erection of a 6-story class A store and loft bldg. before Dec. 1, 1926.

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The Steel Cutting Wheel on the end perforates and forces a red acid proof ink into the fibre of the paper, protecting the amount, payee's name date, number of check, and all kinds of negotiable papers.
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SECURITY SALES CO.
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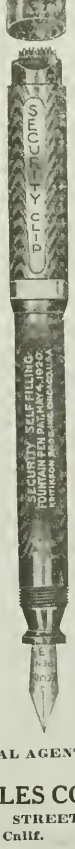

LOS ANGELES, Cal.—Archts. Morgan, Walls Clements, 1124 Van Nuys Bldg., have completed plans and are taking bids for erecting a 2-story class C store bldg. on 7th St. west of Hoover St., for Mrs. Olive J. Cobb. Dimensions, 120x50 ft., with awning 50x60 ft.; brick walls, stucio and cast stone exter., Spanish style, plate glass, steel beams, comp. and tile rfg., pine trim, cem. and wood fls.; $40,000.

LOS ANGELES, Cal.—Archts. George B. Post & Sons, 101 Park Ave., New York, are preparing plans for a new class A bldg. to be erected on the east side of Spring St. near 6th St., for the Childs Restaurant Co. of New York. The present plans provide for a 2-story and basement bldg., 75x160 ft., with limestone facing. It is possible that the owners will decide to erect a 12-story class A office bldg.

THEATRES

BEVERLY HILLS, L. A. Co., Cal. — Arthur Bard & Co., Union Oil Bldg., L. A., have the contract to erect a 2-story class C store, theater and apt. bldg. on Beverly Dr., adjoining Beverly Inn, Beverly Hills for the West Coast Theaters, Inc. Four stores, 4 apts. and 1500-seat theater, 25-ft. deep stage, found. 100x150 ft. Cost, including equipment, $200,000. L. A. Smith, Lilly-Fletcher Bldg., 3rd St. and Western Ave., L. A., prepared the plans.

INGLEWOOD, L. A. Co., Cal.—Archt. Leonard L. Jones, 603 Grosse Bldg., has completed plans and is taking bids on general and segregated contracts for a class C theatre bldg. to be erected at Inglewood for Arthur Bennett; it will have a seating capacity of about 1200 people and there will be 3 stores. Brick walls, 75x150 ft., press. brick facing, cement and hardwd fls., comp. rfg., plate glass, ornam. iron work, steam htg. sys., basement, struc. steel.

LOS ANGELES, L. A. Co., Cal.—Lloyd & Casler, 409 Jr. Orpheum Bldg., contemplate erecting a 6-story class A loft bldg., at Pico Blvd. and Wall St., for themselves. Dimensions 78x137 ft., and will probably be reinf. conc. constr., comp. rfg., steel sash, elevators, etc. Plans will be made by L. A. Smith, Lilly-Fletcher Bldg.

MAYWOOD, L. A. Co., Cal.—Mann Walker Bldg. Co., 412 I .W. Hellman Bldg., L. A., have the contract to erect a two-story theatre bldg. at Maywood for M. Needer. Plans drawn by Evan Jones, 5810 S Pacific Blvd., Huntington Park. The building has been leased by the West Coast Theaters, Ins. Two story, 77x115 ft., brick walls, comp. rfg., wood fls., seating capacity 600; $50,000.

LOS ANGELES, Cal. — West Coast Theaters. Inc., Knickerbocker Bldg., has obtained a 99-year lease on n.e. cor of Ave. 56 and Pasadena Ave. and plans the immediate erection of a class A store and theater bldg., to cost $150,000

WHARVES AND DOCKS

OAKLAND, Cal. — City council will call election shortly to vote bonds of $5,000,000 for harbor improvements. Eugene K. Sturgis is city clerk and W. W. Harmon, city eng.

Res. Phone Piedmont 482
M. J. MacDonald
STUMPS PULLED
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EXPERT POWDER WORK
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3212 Baker St., Berkeley, Calif.

Plans Being Figured—Bids Close Mar. 13, 1924, 2 p. m.
REBUILD WHARF Cost, $--
SAN FRANCISCO, Islais Creek.
Rebuild wharf creosoted piles and timber).
Owner—State Board of Harbor Commissioners.
Engineer—Frank White, Ferry Bldg., San Francisco.
Plans may be obtained from Mr. White.

Piling Contract Awarded.
WHARVES ETC. Cost, $1,000,000
ALAMEDA, Alameda Co., Cal., Foot of Grand St.
Wharves, piers, warehouses etc. for terminal (creosoted and concrete piling, timber and corrugated iron bldgs.)
Owner—Alaska Packers Assn.
Engineer for Wharves—Frank White. Ferry Bldg., San Francisco.
Engr. for Bldgs.—Phillip L. Bush, California St., San Francisco.
The piling contract has been awarded to St. Helens Creosoting Co., Matson Bldg., San Francisco.
Bids for construction of a wharf from 500 to 1000 feet long will be called for in about two weeks.

LONG BEACH, Cal.—Group of Long Beach men are organizing corporation to erect $1,000,000 pleasure pier at foot of American Ave.; will be 1500 ft. long, 300 ft. wide, constr. on creosoted piling with asph. fireproofing. Application has been made to the city council for a 35-year franchise.

SAN DIEGO, Cal.—April 29 is date set by council to vote bonds of $250,000 to finance completion of Municipal Pier No. 2.

SAN DIEGO, Cal.—The $250,000 bond issue to complete municipal pier No. 2 will be voted at election April 29.

MISCELLANEOUS BUILDING CONSTRUCTION

SAN BERNARDINO, San Bernardino Co., Cal.—Citizens and officials of the San Bernardino Orange Show are discussing the construction of a $500,000 permanent structure for the yearly orange and other expositions. Recent damage to the tent amounted to $130,000, caused by the high wind a week ago.

CALISTOGA, Napa Co., Cal.—Basalt Rock Co., Napa, awarded contract to construct swimming tank at site of new geyser for Mrs. G. Pachetau; est. cost $11,000. Will have capacity of 230,000 gals water to be cooled through 75,000-gal. concrete cooling tank.

Plans To Be Prepared.
DEPOT & STORE Cost, $100,000
OAKLAND, Alameda Co., Cal., W San Pablo Ave., bet. 21st and 22nd Sts.
Auto stage passenger and express depot and store bldg.
Owner—California Transit Co. (W. E. Travis, pres.) 366 14th St., Oakland
Architect — Miller & Pflueger, Lick Bldg., San Francisco.

OAKLAND, Cal.—East Bay Estates Co. has purchased 11000 acres of choice land in the Moraga valley, just beyond the tunnel dividing Alameda and Contra Costa counties and will establish a townsite operating under the name of the "Moraga Valley Empire." Interested in the East Bay Estates Co., are: W. H. Mercer, I. Brock, C. J. Ramsey and C. E. Gilman. The first three have operated subdivisions and realty deals on a large scale in Los Angeles. Gilman is an Oakland engineer. Approximately $500,000 is to be expended in the improvements which will include a country club, golf course, etc.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from the Domestic and Foreign Trade Bureau, Chamber of Commerce Merchants' Exchange Bldg., San Francisco:

D-1103—Grand Rapids, Mich. Concern desires to communicate with manufacturers of automatic oil burner for domestic heating, regarding agency.

D-1104—Chicago, Ill. Patent bureau desirous of securing representative who has other source of income, as this is a commission proposition.

D-1196—Philadelphia, Pa. Concern has granulated cork for sale

D-1108—Oxnard, Calif. Attractive business opening for man with $15,000 to $20,000 to become interested in manufacturing concern whose products are well known in the California market.

D-1109—Troy, N. Y. Firm wishes to maket connection with party who can take an active interest in branch office, manufacturing fire extinguishers, sprayers, grease guns, etc.; only individual with good credit rating need apply.

D-1110—New Orleans, La. Importers desirous communicating with broker to represent them in imported goods. Also interested in getting in touch with jobbers in crockery and hardware.

D-1111—Hollywood, Calif. Concern in market for shellac, copal and other gums and also for various non-metallics, such as silica, rotten stone and China clay.

D-1116—Modesto, Calif. Gentleman desirous of handling lines of merchandise on salary or commission basis in territory of Modesto, San Joaquin, Stanislaus and Merced counties.

7952—Guayaquil, Ecuador. Importer, with excellent references, desires to act as representative in Eucador for San Francisco producers of iron and steel, cement Full information is obtainable locally.

7954—Matchuala, San Luis Potosi, Mexico. Producers of turpentine desire to quote prices to large scale consumers in San Francisco.

7955—Mulheim, Germany. Manufacturer of iron drums, produced in ten sizes, varying from 16 gallons to 137 gallons, from 25 inches to 44 inches in length, states ability to make delivery in four weeks ex works after order and desires to quote prices to San Francisco users of iron containers.

7956—Tokio, Japan. Business man desires to buy soda fountain fixtures and supplies from San Francisco firm. He requests syrup catalogs and price lists.

7959—Edmonton, Alberta, Canada. Capitalists desire to buy brewing machinery on a large scale in California.

7962—Habana, Cuba. Manufacturers' agents desire to buy hardware specialties, kitchen utensils, builders' hardware and kindred lines, in San Francisco.

7966—Toronto, Canada. Manufacturer of electric lamps and automobile lamps with main offices in Canada and factory in Tokio, Japan, desires to appoint a representative in San Francisco to market these imports from Japan in the California markets.

7968—Charleroi, Belgium Producers of metallurgical products, steel bars, steel sheets, beams, wire rods, wire nails, etc., desire to communicate with San Francisco firms for the purpose of establishing business connections. This information obtained from local firm which has particulars.

7974—Shanghai, China. Salesman desires to represent San Francisco firm in Far East handling petroleum products.

7975—Melbourne, Australia. Manufacturers' agent, who states he is well established in that market, desires the agency of office equipment from San Francisco exporters and manufacturers.

7979—San Francisco, Calif. Gentleman with wide sales and executive experience, is leaving for China and desires to act as resident agent for a limited number of specialties. He is financing himself, but would expect liberal commission on articles handled.

7980—San Francisco, Calif. Representative with several years' experience in India Bruma, Ceylon and Egypt desires to make new connection with large San Francisco import and export firms as traveling or resident representative in above countries.

7981—San Francisco, Calif. Gentleman with wide sales and executive experience in China, desires to associate himself with San Francisco export house. Best references.

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SAN FRANCISCO
PUBLIC LIBRARY

Leads for Business

LEASES—Mar. 1, 1924—L. C. Mendel and Kathryn T. Mendel to Kat Day and May M. Carter—415 Jones St. Mendel Apartments, 10 years, $216,000.
Feb. 14, 1923—Edward A. Nolan and Henry B. Jones to F. Mazzella and Joseph Guifre—SW 18th and Castro, 2 years with an option of 5 years more, $125 per month.
Feb. 26, 1924—Helene Mueller to Wallace and Frances B. Haworth—1960 10th Ave., 2 years, $1200.
Mar. 1, 1924—Frank and Sarah Blumenthal, B. and Fanny Herzberg and B. and Helen Friedlander to Fay Thomas—N Bush St. Josephine Apts, 1241 Bush St., 5 years, $36,000.
Jan. 11, 1924—Finck Investment Co. to Ettaro Zito—NE Cor. Gough and Market Sts., 14 Gough St., 5 years, $1200.
Jan. 31, 1924—Joseph N. Kowalsky to Helen M. Slattery—E Mason 85 N Eddy No. 124 Mason St, Arrow Apts. 5 years, $52,440.
RELEASE OF LEASE—Mar. 1, 1924—Joseph and Cora S. Marymont and Maurice and Martha Van Vliet to Lee Rose, Louis Grialou and Mathias Thill—632 or 460 Manchaster Hotel, 76 3rd St.
ARTISTS—Emerson Beers (photographic retouching, commercial blocking, color work), 363 Pacific Bldg.
ATTORNEYS — O. G. Kuklinski, 785 Market.
J. T. Carey, 485 to 260 California.
T. A. Perkins, Mills Bldg. to 681 Market.
AUTOMOTIVE — Stein & Cattermole (shop), 1225 Mission.
Gascon & Bosic (shop), 889 Pacific.
You Drive Auto Rental Co., 242 Van Ness Ave.
BAKERIES — Standard Bakery, 3045 24th.
Phillipp's Bakery (3111 Geary), 2890 Bryant.
BANKS—Union Building & Loan Assn. (E. A. Ricks), 41 Montgomery.
BEAUTY PARLORS—G. R. Rempp, 1119 Market.
BOOKS AND STATIONERY — Harry Cutler, 872 Mission.
BROKERS — Gray & Rosenthel, 760 Market.
CANDY — West Candy Kitchen ,2521 24th), branch 1596 Church.
Comet Candy Co., 1603 Vallejo.
Noe Sweet Shop, 4001 24th.
Done E. Crutcher Co., 2254 Polk.
Orange Blossom Co., 47 Kearny and 411 Sansome to 144 2nd.
Aug. Schmidt buying Sears' Candy Store and French Candy Shop, 2099 Sutter—March 19.
CARPETS—Chas. P. Cochrane Co., Furniture Exchange.
CIGARS—Benj. Berman, 1559 Ellis.
Hamilton Cigar Store, 3254 22nd.
CLEANING AND DYEING — Meyers Cleaning & Dyeing Co., 190 7th Ave.
Virtus Cleaning Co., 1500 to 1511 Grant Ave.
CLOAKS AND SUITS — Maisel, 153 Kearny.
COFFEE—Mannings Inc., 1175 Market.
COLLECTION AGENCIES — The Torrington Co., 337 Phelan Bldg.
CONTRACTORS—Antioch Dredging Co. (Fred C. Frank Contracting Co.), 485 to 260 California.
CORSETS—M. S Stutch, 233 Post.
DECORATORS — F. W. Lipps, 1334 O'Farrell.
Thomas & Co., 1404 9th Ave.
DENTISTS—Dr. A. M. Jonck, 3696 17th.
ELECTRICAL — H. S. Stine Electric Store (1344 Fillmore), 1283 Market.
Apex Electric Dist. Co. (681 Market), Hansford Blk.
Henry Schrick (shop), 900 Bosworth to 681 Chenery.
ENGINEERS — Henry F. Adams Co. (consulting), 682 Market to 465 California.
FINANCE — American Commerce & Finance Co., Chancery Bldg.
San Francisco Building & Loan Assn. (D. A. Steinbaugh), 4749 3rd to 1438 Quesada.
FRUIT—L. Tomezak, 4399 24th.
FURNITURE—O L. Gravem and W. H. O'Neill (factory), 935 Howard.
M. I. Dow (Brown Disappearing Bed Co.), 746 Phelan Bldg., soon.
Hub Furniture & Transfer Co., 548 Castro.
Leon Beck (Co-operative Furniture Co.), 2142 15th.
GROCERS—Courtney & Podesta, 1306 Castro.
Sanchez Grocery Store, 2 Sanchez.
C. H Norton succeeding Oscar Insua, 410 Cortland Ave., March 8.
Mabel Cronin succeeding J. M. Meyer, 598 3rd Ave.—March 10.
HATS AND CAPS—California Cap Mfg. Co., 1961 Mission to 16th and Market.
Fit-Rite Cap Co., 252 Hyde.
IMPORTERS — Herbert Rasmussen (with Henry P. Adams Co.), 465 California.
Jos. Garneau Co., Inc., 320 Market.
Alex Logie (jute), 465 to 260 California.
H. J. Darling, 475 Stevenson.
INSURANCE—Minnesota Mutual Life Ins. Co. (Doctuer Fourner), 401 Phelan Bldg soon.
INVESTMENT COUNSELLOR—Reginald W. Everett, 785 to 681 Market.
INVESTMENTS—H. Jackson, 933 Geary to 433 California.
Roy Van Vliet and Alfred F. Meyer, 155 Montgomery.
JEWELERS — Ralston Wilbur, 574 Grant Ave. to Fitzhugh Bldg. soon.
Moses Kaplan, 1308 to 1618 Fillmore.
JOBBERS—Wm. Brauer, 518 Market.
LEATHER GOODS — Keystone Bros., 461 Mission to move soon
LIME & CEMENT—Tacoma & Roach Harbor Lime Co., 216 Pine to 681 Market.
MACHINERY—J. E. Knapp Co. (Mr. Knapp), 507 Underwood Bldg.
Climax Engineering Co.; Northwest Engineering Co. (681 Market), new plant 17th and Folsom.
MFRS. AGENTS—Camp & Sands, 34 Natoma.
MARKETS—Vireno's Market, 6198 Mission.
MILLINERY—Jos. English (supplies), 1616 Fillmore.
MINING—Nevada Hills Mining Co., 321 Grant Ave.
OLIVE OIL—G. B. Schiaffing & Co., 443 to 517 Washington.
OSTEOPATHS — Dr. Maude Peterson, Gillete Bldg., to 323 Geary.
PAINTING — W. J. Lemar, 1334 O'Farrell.
A. Morris & Co. (auto), 900 Gough to 1323 Van Ness Ave.
PHYSICIANS—Dr. W. L. Bender, 240 Stockton.
PICTURE FRAMES—Parmelee Art Co., Inc., (29 Stockton), factory 909 Golden Gate Ave.
PLUMBING—Boysen Schwarz Co., 1249 Divisadero.
Moses Cohen, 776 to 829 Sacramento
Balboa Plumbing & Heating Co., 332 Balboa .
POULTRY—Egg Box, 502 Clement.
PRINTING—Miller Litho Co., opening plant 458 Brannan.
Reported C. B. Macaul, Room 205, 444 California to establish plant for A. S. Gilman Printing Co. of Cleveland.
Artcraft Press Printing Co, 2230 Market.
The North Star and Hoku Shin Press, 1529 Post to 1542 Webster.
REAL ESTATE—Porter & Marchisio, 105 Montgomery.
A. M. Samuelson, 724 Chenery to 2808 Diamond.
Steele Bros., 235 Montgomery.
RESTAURANTS—New grill 18 7th—March 8th.
Budd's, 502 Ellis.
Princess Lunch, 1611 Ellis.
Boos Bros. to open $100,000 cafeteria, 1950 Market.
SHIPPING — Trans-Marine Corp (Mr. Benson), 311 California
STUDIOS—Vivienne Wall, 795 Pine.
TAILORS—Chas. Fisher, 97 6th.
H. Hackman (Polk Street Tailoring Co.), 1710 to 1643 Polk.
Kay Chong Co., 621 Kearny.

TOYS—W. H. Stanton, Mfrs. Agent Bldg., 200 Davis.
TRUNKS AND LUGGAGE—Anna Silverstein succeeding H. Edelstein, 2339 Mission—March 11.
WELFARE ORGANIZATIONS — California Society for the Blind (W. J. French), 842 Phelan Bldg. soon.
WOODWORKING — Henry Schulte & Son (cabinetmakers), 475 Bryant to 49 Rodgers.
E. D. Philbrick Co. (stairwork), 41 Sheridan.
MISCELLANEOUS—W. P. Charlton, Marvin Bldg. to Exchange Blk.
Strauss & Euegeleisen, 253 Minna
Gaffney Vincent Co., French Bank Bldg.
Hygrade Products Co., 460 Turk.
C. E. Robertson Co., 760 Market.
Selfridge Holding Co. (E. A. Selfridge Jr.), 255 California to Clunie Bldg.
Tenkon Distributing Co., 969 Mission to move to new bldg. soon.
W. W. Benchley, 307 Marine Bldg.
Credit Bureau, 569 Pine to 821 Market.
ART NEEDLE WORK—H. E. Verran Co., Inc., 278 Post to 554 Mission.
ART STORE—Java Art Studio (5409 Geary), 777 Clayton.
ARTISTS—Emerson Beers (photographic retouching, commercial blocking, color work), 363 Pacific Bldg.
AUTOMOTIVE — Stone & Giuntini (bodies), 1150 to 1182 Folsom.
Albert Enderlin (shop), 3444 San Bruno Ave. to 2008 Folsom.
BROKERS—D. H. Ward (insurance), 1 Montgomery to 235 Montgomery.
CLEANING COMPOUNDS—Oso Products Co., 1053 Mission to Delger Bldg.
CLOAKS AND SUITS—Maisel, 163 Kearny.
DENTAL LABORATORIES — H. F. Miller, 870 Market.
ELECTRICAL—Coney & Kuchel, 432 5th to 468 5th.
ENGRAVERS—Engraver Co., 157 7th to 1128 Howard.
FURNITURE — Koplan & Cantrowith, branch 872 Mission.
GLASS & GLAZING—National Glass & Glazing Co., 1743 Sacramento.
IMPORTERS—Tong Kong Mercantile Co., Exchange Blk. to 319 Grant Ave.
INVESTMENTS — R. M. Clarke, 155 Montgomery to 785 Market.
IRON AND STEEL—Swedish Steel & Importing Co. (A. E. Bundsen), 507 Howard to 116 New Montgomery.
JEWELERS—A. F. Bohle & Co., 86 3rd to 595 Mission.
LUBRICANTS AND GREASES—Pennzoil Co., 681 Market to 739 Bryant.
OPTICIANS—Standard Optical Co., 43 Geary to 278 Post.
PAINTING—J. A. Mohr, 2216 Fillmore to 432 11th.
PHYSICIANS—Dr. Hilaric Marquez (48 Pearl), 870 Market.
PRINTING—Buckley & Curtin, 739 Market to 109 Stevenson
REAL ESTATE — Desiderius David, Mills Bldg. to 82 Sutter.
W. K. Davis & Co., branch 902 Irving
Eastside Canal & Irrigation Co., 1 Montgomery to Chancery Bldg.
RESTAURANTS—Boos Bros. to open $100,000 cafeteria, 1950 Market.
E. H. Goodwin and P. A. Garcia bought Mexico City Grill, 1619 Ocean Ave.
SHIPPING — Trans-Marine Corp. (Mr. Benson), 311 California.
TRANSPORTATION—California Central Railroad Co., Mills Bldg. to S. O. Bldg.
MISCELLANEOUS — Schubert - Kirby Co., Williams Bldg.
Army & Navy Club, 451 Taylor.
Deluxe Shop, 1334 Ocean Ave.
Cowles Detergent Co., 625 3rd.
H. O. Lanza, 703 Market.
C. W. Parker, 1256 Howard.
Fifth Avenue Specialty Shop, 256 5th Ave.
Raffael Borg, 5149 Railroad Ave.
Craft Sales Co., 220 Post to 143 2nd.
Duroxe Mfg. Co., Inc. (J. E. Rudgers) 1670 Market.
Bureau of Psychological Examination, 505 Pacific Bldg.
A. J. Cantner, 820 Chronicle Bldg.
LEASES—Feb. 27, 1924—Martin O'Dea to A. G. Spalding & Bros.—N Geary 137-6 E Stockton E 22-11xN 120 to S Maiden Lane, 10 years, $180,000.
Feb. —, 1924—Maggie Doyle to I. Orack—S Sutter bet. Scott & Divisadero No. 2311 Sutter St., 5 years, $750.
RESTAURANTS — Kounz Coffee and Bakery, 101 Taylor soon.
Allan Lunch, change of ownership 405 Eddy.
Allen Rodway, 2385 Folsom.
Kay's Oyster House, 1059 Clement.
SHIPPING—Robert Dollar Co., Chinatown office 825 Clay.
SPRAYING EQUIPMENT—F. A. Frazier, 283 Minna to 200 Davis.
TAILORS — H. Kramer (ladies), 117 Grant Ave. to new Fitzhugh Bldg. soon.
Gardenia Tailors, 849 Leavenworth.
A. Marcus (Imperial Tailoring Co.), 3314 Mission to 315 8th Ave.
French Tailors, 925 Kearny.
Jones Street Tailors, 431 Jones.
TRANSPORTATION—Mexican Navigation Co. (with Mexican Products Exhibit), 507 Montgomery.
MISCELLANEOUS—New business 301 Pacific Bldg.
Visayan General Supply Co., 1 Montgomery.
LEASES—Feb. 19, 1924—Giacomo Moxcome to William J. McNevin-S Geary—about 52 W 22nd Ave. No. 5813 Geary St., 5 years, $5700.
Feb. 1, 1924—Fitel Phillips Company to Frank J. Pomponio—215 Ellis St. SW Cor. Mason, 2 years, $2160.
ATTORNEYS—J. A. Logan, 58 Sutter.
C. D. Dudley, 58 Sutter.
AUTOMOTIVE—Key Garage about 2155 Market.
Yosemite Auto Repair Shop, 5500 3rd.
Commercial Auto Wrecking Co., 320 Gough.
Marvel Carburetor Co., 1765 California.
BEAUTY PARLORS—Madlyn Marinello Shop, 838 Geary.
BEVERAGES — City Soda Water Co., 1705 Church
BRASS WORKS—Mission Brass Works, 123 Erie.
CANDY—Sweeterie Shop, 5927 California.
CHIROPRACTORS—Edith Hickey, 66 Geary.
DRUGS—John Michieli (1372 Mission), to open Star Pharmacy, 494 Castro soon.
Johnston & Jordan, 1100 Clement.
Jorgersen Bros., 2300 Fillmore.
FLOORING—Western Hardwood Floor Co., 21 Capistrano.
GROCERS—P. Joyce, 3315 Balboa.
HAIR DRESSING—Carrese Shop, 1663 Market.
HEMSTITCHING—Barren & Muller, 4 30th.
JEWELERS—A. Goldberg, 750 Clement
KNIT GOODS—Pearl Knitting Mill, 378 Hill.
LADIES APPAREL—Babbett Shop, 233 Post.
MAH JONGG FACTORIES—M. S. Cowan (racks), 220 Commercial to 200 Davis
MFRS. AGENTS—C. J. Warner, Kamm Bldg.
MARKETS—Tunnel Market about 2307 Market, April 1st. Concessions by E. Angeli, 127 Landers.
NEW Golden West Market, 1913 Ocean.
NOTIONS — Hans Von Sydow, 1881 Howard.
OIL—Elk Hills Oil Co., 2085 Mission.
PAINTS—Lehman Bros. (asphalt), 821 Market.
RADIO—Lawrence Radio Co., 68 Post.

CLAWSON PATENT CHIMNEY CO.

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CLAWSON'S FURNACE GRATE for Gas, Coal or Wood

CLAWSON'S HOODS and DAMPERS for Open Fireplaces

Experts in Curing Smoky Flues and in Ventilating

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149 GOUGH STREET
Phone Park 6092 San Francisco

REAL ESTATE—S. B. Goldberg, 105 Montgomery.
RESTAURANTS — M. L. Serpa, 220 Church.
New Lyceum Grill, 3378 Mission
Liberty Restaurant, 200 Embarcadero
P. Donovan, 501 29th.
SHIPPING — Oriental Pacific Navigation Co., 140 California.
SPORTING GOODS—Curley-Bates Co., 45 2nd.
SYRUPS—Edw. Tiller, 3111 24th.
TAILORS — Bush Street Tailors, 794 Bush.
UPHOLSTERING—Geary Upholstering Co., 5025 Geary.
LEASES—Feb. —, 24—May Forbes to Herbert O Raether and H. B. Smith, copartners under firm name of Wearite Enamel Company—NW Harrison & Langton No 1124 Harrison St 5 yrs $13,500.
Feb 1, 24—S A Giusti to De Natei Transfer & Drayage Company—494 Pacific St 5 yrs $70 per mo.
APARTMENTS — O. A. Elle bought Hyde-Sutter Apts., 838 Hyde.
ARTISTS—Leonard S. Leavy, city purchasing agent, 270 City Hall to purchase artists' materials for school, March 10.
AUTOMOTIVE—Martin Reichlin buying Gough St Repair Shop, 539 Gough
Geo. F. Merwin buying Divisadero St. Garage, 717 Divisadero.
Erick Wilson and C. W. Johnson succeeding J. E. Sackett Jt., garage, 20th and Shotwell.
BAKERIES—H. Mueller buying Castro Bakery, 531 Castro.
John Ghione and Angelo Lavanere buying Princess Bakery, 2848 Mission.
BEAUTY PARLORS—I. W. Reeves succeeding Miss L. Valdez, 1411 Larkin.
CONCERT AND THEATRE BOOKINGS —Mrs. Jessica Colbert, 616 Phelan Bldg.
DRAYAGE — De Natei Transfer & Drayage Co., 494 Pacific.
DRUGS—Elias Zahlout succeeding W. S. Brownlee, 1262 Mason.
ELECTRICAL—Valley Electric Co. (Mr Veit), Rialto Bldg.
FURRIERS—F. Hindshaw (broker) 461 Phelan Bldg.
GROCERS—E. Gray succeeding Mrs. W. J. Knight, 2903 Baker.
Mrs. H. R. Leatham succeeding R. C. Warren, 1296 49th Ave.
Gladys Wynter succeeding H. J. Bigubl, 5027 California.
HOTELS — Albert Lestrade buying Manchester Hotel, 76 3rd.
LADIES' APPAREL—Jos. Toomer succeeding Quong Hing & Co., 1644 Polk
LEASES—A. Mastoras, 699 O'Farrell; A. Luba, 1901 Clement; John Grennon, 1772 Haight; Russelss E. Hughes, S. W. Central Ave. and Fulton.
MARKETS—Frank R. Nelson and S. A. Strutner buying Redwite Market, 599 19th Ave.
ORIENTAL ART GOODS—Tantay Shop 1945 Polk.
RADIO—Warner Bros. (supplies), 976 Market.
SHIPPING—S. Rogoff (steamship agt), 51 McAllister.
MISCELLANEOUS — Wearite Enamel Co. (H. B. Smith, H. O. Raether), 1124 Harrison.
Annie Carroll buying rooming house 827 Turk.
New tenant, store 301 Turk.
H. A. Goudea, 461 Market.
Dr. A. S. Morton, 870 Market.
E. D. Goldman, 39 Battery.
LEASES — Feb. 21, 24—D aN Roumbanis to Alcibiades Mastoras—SE O'Farrell and Hyde No 699 OFa'rrell St 9 yrs 11 mos 27 days $18,900.
Feb. 26, 24 — Johanna C Moser to John Grennon — 1772 Haight 3 yrs $2940.
Feb 27, 24—Charles Leter and George Zimmerman to A Luba—SW cor 20th Ave and Clement No 1901 Clement St 4 yrs $2580.
Feb 25, 24—R O and Matilda M Bonness to Russess E Hughes—SW cor Central ave and Fulton St 10 years $60 per mo.
LEASES — Feb. 24, 1924—Benjamin Heskins to Marie Guislin—SE Kearny and Merchant Sts., No. 712 Kearny St., 57 months, $8025.
Jan. 26, 1924—Peter Bradley, P. W. Meherin and J. E. Connell to A. P. and Edythe I. Stratikis—NE Sutter and Larkin Sts., 10 years, $214,020.

Official Proposals

NOTICE INVITING BIDS

(Merced, Calif.—Machinery)

Notice is hereby given that at **8 P. M. on March 17, 1924,** sealed bids will be received and opened at the John Muir School Building on 25th Street, Merced, California, for the furnishing f. o. b. Merced, of the following supplies:

1 Tannewitz Type F Variety Saw Bench with ripping gauge adjustable by rack and pinon and arranged to swivel and core box work, two miter cutoff gauges with stop rod, table tilting by rack and pinion, T strip cutoff gauges, with 2 saws, saw guard and splitter. Hollow chisel mortising and boring attachment with almond chuck but without chisels or bits.

1 Huther Dado Head No. 3 set 8" dia. to cut of sixteenths.

1 Tannewitz 30" Band Saw with tilting table screen guards, roller guides above and below table, and 2 H P. Semi Enclosed Induction motor 220 V-60 cycle 2 phase 1200 R. P. M with pulley, base, and belt, but without switch.

1 L Power & Co 12" improved jointer with 7' steel lipped tables, round safety head. 1 pr. high speed steel knives, guard, patented rabbitting table, 2 H. P. Semi Enclosed Induction motor with pulley, base and belt.

1 Wells No. 211 Manual Training Lathe 12" swing. 5' bed to turn 36" between senters with cup and spin centers, 6" screw chuck, outside face plate and floor stand with ¾ H. P. Semi Enclosed induction motor, mounted in motor bracket in base of machine with snap switch, motor cover and belt

All belts are included. Motors equipped with special motor pulleys to drive machines at correct speeds.

All bids should be addressed to J. W. Spagnoli, Clerk of the Board of Trustees, Merced, California.

The Board reserves the right to rtject any and all bids.

J. W. SPAGNOLI,
Clerk of the Board of Trustees.

NOTICE TO CONTRACTORS

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on April 7, 1924,** at which time they will be publicly opened and read, for the construction, in accordance with the specifications therefor, to which special reference is made of portions of State Highway, as follows:

Humboldt County, a bridge across Van Duzen River, near Alton (I-Hum-1-F), consisting of three 163 foot reinforced concrete arch spans and eight 30-feet reinforced concrete girder spans.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quanity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: March 3, 1924.

> A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.
>
> **Rate:** 10 cents per line, per insertion.
>
> All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section

BIDS WANTED FOR HIGH SCHOOL BUILDING

NOTICE TO CONTRACTORS

A notice is hereby given that sealed bids will be received by the Board of Education of the Paso Robles Union High School District, County of San Luis Obispo, State of California, **up to 7:30 o'clock P. M. on the third day of April, 1924,** at which hour they will be opened in the office of Lillian B. Henry, Clerk of said Board of Education, said office is located in the High School Building at Paso Robles, California, for the following:

To furnish all materials and labor required to build and complete a two-story masonry and frame high school building in accordance with the drawings and specifications prepared by and under the supervision of Orville L. Clark, Architect, with offices at 518 Charles C. Chapman Building, Los Angeles, California.

Said high school building to be located on a parcel of land known as Block 215 situated in the City of Paso Robles.

Bids are to be submitted in accordance with the plans and specifications now on file in the office of said Board of Education at Paso Robles, or may be had upon application at the Architect's office.

Bids are called for in the following manner:

Proposal No. 1: For the furnishing of all materials and labor required to complete the building according to the plans and specifications excluding plumbing, heating, electrical work and finish hardware.

Proposal No. 2: For the furnishing of all materials and labor resuired to complete all plumbing according to the plans and specifications.

Proposal No. 3: For the furnishing of all materials and labor required to complete all heating according to the plans and specifications.

Proposal No. 4: For the furnishing of all materials and labor required to complete all electrical work according to the plans and specifications.

Pronosal No. 5: For the furnishing of all Finish Hardware required to complete the building in accordance with the plans and specifications delivered at Paso Robles, freight charges prepaid

Each bid shall be made out on a form to be obtained at the Architect's office, and must be accompanied by a certified or cashier's check in the amount of 10 per cent of bid, made payable to the order of Lillian B. Henry, Clerk of the Board of Education of the Paso Robles Union High School District. Bids shall be sealed and filed with the Clerk of the said Board of Education of Paso Robles Union High School District at the above specified time and place.

The above mentioned check is given as evidence that the bidder will enter into a contract if awarded the work, and will be declared forfeited if the successful bidder refuses to enter into said contract after being requested to do so by the Board of Education of the Paso Robles Union High School District.

Each successful bidder will be required to furnish two bonds of a surety company satisfactory to the Board of Education of the Paso Robles Union High School District, one covering an amount equal to 50 per cent of the contract price and one equal to 25 per cent of the contract price.

A deposit of $10.00 is required for all drawings, which will be returned when the drawings are returned.

The Board reserve the right to accept or reject any or all bids.

By order of the Board of Education of the Paso Robles Union High School District.

Dated this 29th day of February, 1924.

RAY B. LYON, Chairman.
LILLIAN B. HENRY, Clerk.

NOTICE TO CONTRACTORS

(Steamboat Slough Bridge — Sacramento County)

Sealed bids will be received by the clerk of the board of supervisors of Sacramento County, California, at the office of the said clerk of the board, in the courthouse, Sacramento, California, **up to ten o'clock A. M., April 7, 1924,** for the construction of a highway bridge across Steamboat Slough, at the upper end of Grand Island, Sacramento County, California.

Each bidder must submit a proposal to the clerk of the board of supervisors on standard forms, which may be obtained from the county engineer, said proposal to be accompanied by a certified check of ten per cent of the amount bid, check to be made payable to the chairman of the board of supervisors of Sacramento County, California.

Plans and specifications are on file in the office of the county engineer and the clerk of the board, to which bidders are hereto referred.

The board of supervisors reserves the right to reject any and all bids received, and waive any informality in the bids received, as the public good may require.

Dated February 20, 1924.

HARRY W. HALL,
Clerk.

By William Hickey, Deputy.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

Engineering News Section

BRIDGES

WILLITS, Mendocino Co., Cal.—Election will be called shortly to vote bonds of $30,000 to finance construction of bridge in S-Main street and sewers in certain streets.

NEVADA STATE—See "Streets," this issue. Award of contracts for overhead crossings—state highway projects.

NEVADA STATE—As previously reported, contracts were awarded by State Highway Commission to const. three concrete and steel overgrade crossings on Central Pacific lines, as portions of state highway system, Following is complete list of bids received

To Bishop and Brooks, Sacramento, $32,869.90, crossing in Elko county, near Deeth. Other bids:
Chas. H. Mull, Twin Falls, Idaho, $34,-672.
T. M. Olney, Oakland, Cal., $34,992.
Mullins and Palm, Salt Lake City, Utah, $36,159.
Nelson and Reupke, Fresno, $36,545.
King and Malone, Reno, Nev. $41,479.

To J. N. Tedford, Fallon, Nevada, $25,895.80, crossing in Humboldt county, near Rose Creek. Other bids:
Anderson and McShee, (Winnemucca, Nevada, $27,960.
King and Malone, Reno, Nev., $29,057.
Strange and Vallandingham, Salt Lake City, Utah., $29,901.
Floyd S. Whiting, Mammoth, Utah, $30,066.
Chas. H. Mull, Twin Falls, Idaho $32,-514.

NEVADA STATE—Nelson & Reupke, Fresno, Calif., at $36,939.05 submit low bid to State Highway Commission to const. steel and concrete overgrade crossing in Eureka county, near Dunphy, on Western Pacific R.R. Other bids, taken under advisement, were:
T. M. Olney, Oakland, $30,577.
Hoffman and Kapus, Ely, Nev., $43,081.
Mullins and Palm, Salt Lake City, Utah, $44,822.
Chas. H. Mull, Twin Falls, Idaho, $58,-428. Geo. W. Borden, state highway engineer.

STOCKTON, San Joaquin Co., Cal. — R. C. Tumelty, Stockton, at $2337 awarded cont. by supervisors to refloor drawbridge over Mokelumne river on Galt-New Hope and Benson Ferry rds. Other bids: M. B. White, $2446; C. W. Wood, $2800; and Jenkins & Elton, $2567.

HUMBOLDT COUNTY, Cal.—Until April 7, 2 P. M., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. bridge across Van Duzen river in Humboldt County, near Alton, consisting of three 163 ft rein. conc. arch spans and eight 30 ft. rein. conc. girder spans. R. M. Morton, State Highway Eng. **See call for bids under official proposal section in this issue.**

SAN JOSE, Santa Clara Co., Cal.—Supervisors, Henry A. Pfister, clerk, in petition containing 297 signatures, asked to const. new bridge over San Francisquito creek at University Ave., crossing in Palo Alto. One half of the cost would be paid by the petitioners. Robt. Chandler, county surv.

VISALIA, Tulare Co., Cal. — L. C. Clark, Visalia, at $888.50 awarded cont. by supervisors to const. conc. bridge over Tulare Irrigation Dist. canal near Swall siding south of Visalia.

HOLLISTER, San Benito Co., Cal. — Wm. Radke, Gilroy, at $3653 awarded cont. by supervisors to const. 2 rein. conc. culverts in Hollister-Cienega rd. Lloyd McReynolds bid $4285.

MARTINEZ, Contra Costa Co., Cal.—James T. Sayles, Martinex, at $12,773 awarded cont. by city trustees to const. 2 rein. conc. bridges over Alhambra creek in Howard and Escobar Sts. Frank Bryant, San Jose, next low bidder was about $500 higher than successful bidder.

EUREKA, Humboldt Co., Cal.—County supervisors advise State Highway Commission they will contribute $50,-000 towards cost of constructing bridge over Van Duzen river at Alton, Fred M. Kay is county clerk and A. J. Logan, county surveyor.

STOCKTON, San Joaquin Co., Cal.—Until April 8, 10 A. M., bids will be rec by Eugene D. Graham, county clerk, to const. conc. bridge over Calaveras river on Eight Mile Rd. and another over unnamed stream on Eight Mile Rd.; total cost, $8,600. F. E. Quail, county surveyor.

DREDGING, HARBOR WORKS AND EXCAVATIONS

LONG BEACH, Cal.—The Los Angeles Dredging Co. low bidder to dredge Long Beach harbor as follows: (a) connecting channel, 15¼c cu. yd., excavating; (b) channel No. 2, 13.25c cu. yd excav.; (c) channel No. 3, 12.90c cu. yd. excav.; (d) turning basin, 12.90c cu. yd. excav. Other bids were: United Dredging Co. (a) 15.94c; (b) 13.29c; (c) 13.87c; (d) 12.49c. San Francisco Bridge Co. (a) 14¾c; (b) 15c; (c) 14.5c; (d) 13.3c. Fred C. Frank, (b) 11.7c: Shattuck Constr. Co. (a) 15.7c; (b) 12.86c; (c) 14.5c; (d) 14.5c. The Shattuck Co.'s bids were contingent upon the company being awarded the entire dredging operations The tentative estimate of the low bid approximates a total of $890,746.

LOS ANGELES, Cal.—Application has been made to U. S. Engineer Office by Garbutt & Walsh, Los Angeles, for permit to extend channelward a distance of 60 feet from the approved U. S Pierhead Line, a portion of their marine ways in the East Basin channel, Los Angeles harbor, at Berth 221, lying northeast of Ferry St., Terminal Island.

LONG BEACH, Cal.—City Mgr. C. H. Windham instructed by the council to proceed with const. of groins along the beach front at Alamitos Bay, and const. of a bulkhead s of Ocean Blvd., bet. 52nd Pl. and Ave. S, provided property owners will guarantee 75% of cost of materials.

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BUCKEYE, Ariz.—See "Reservoirs & Dams" this issue. Bond election.

OAKLAND, Cal. — Election will be called shortly to vote bonds of $5,000,-000 to finance harbor improvements. W. W. Harmon, city eng. and Eugene K. Sturgis, city clerk.

SANTA ANA, Cal.—County Supervisor Talbert proposes $1,500,000 bond issue to develop Orange county harbor at Newport.

LONG BEACH, Cal.—Application has been made to U. S. Engineer Office,, city of Long Beach to dredge to depth of 32 ft. at mean lower low water, in Cerritos Channel within city of Long Beach, and to depths of 32 to 40 feet in Channels 2 and 3, and the Turning Basin, Long Beach Harbor.

IRRIGATION PROJECTS

FALLBROOK, Cal.—The Fallbrook Irrigation Co. has applied for permit to use unappropriated waters of the Santa Margarita river, west of Fallbrook townsite. The Irrigation project of the district calls for the construction of a storage reservoir of 40,-000 acre ft. per annum. The proposed dam is to be of arch concrete, 800 ft. long and 150 ft. high. The water will be pumped through 8000 ft. of 24-in. pipe line. The point of diversion will be about opposite the mouth of the Sandia canyon. The estimated cost of the reservoir and pipe line is $750,000.

BAKERSFIELD, Kern Vo., Cal.—A. L. Trowbridge, consulting engineer, has been engaged by the directors of the Kern County Water Storage District to make a survey of the proposed project. It is estimated the survey will take at least two years time. Approx. $125,000 is available for the survey.

LOS ANGELES, Cal.—Until 10 a. m., March 17, bids will be rec. by Bd. Pub. Wks. to const. lighting system under 1911 act in:

Brooklyn Ave., bet. Evergreen Ave. and Kearny St., 120 conc. posts; 1911 act.

Hoover St., bet. Washington and Adams Sts., 57 pressed steel posts.

Arden Blvd., bet. Third St. and Wilshire Blvd., 28 conc. posts.

Shatto Pl., bet. Wilshire Blvd. and 7th St., 9 conc. posts.

MEDFORD, Ore. — Talent Irrigation District has sold $440,000 bond issue to finance improvements in district work consisting of dam on Emigrant creek, 6-mi. southeast of Ashland to provide water for 4500 additional acres.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—Paulson Constr. Co., 514 Detwiler Bldg., awarded contr. by Bd. Pub. Wks. at $11,334, to const. ornam. lighting system in Cahuenga Ave., bet. Hollywood Blvd. and Sunset Blvd.

A. C Rice, 1963 Santee St., awarded contr at $17,910 to const. ornam. lighting system in 6th St, bet. Grand Ave. and Figueroa St.

SAN DIEGO, Cal.—Southern Electrical Co., 866 3rd St., awarded contr. by council at $38,647 to const. ornam. lighting system an 7th, 8th, 9th, 10th and other streets.

PALO ALTO, Santa Clara Co., Cal.—Property owners in Emerson St., bet. University and Hamilton Aves., have signed petitions to have electrolier system installed J. F. Bxybee Jr., city engineer.

FRESNO, Fresno Co., Cal.—Until March 13, 10 A. M., bids will be rec. by H. S. Foster, City Clerk, to install 258 electroliers with conduits and appurtenances in various Sts. Standards will be comb. of c. i. and steel, single lamp globe and lamp 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, City Engr.

LOS ANGELES, Cal.—Walker & Martin, Fullerton, awarded contr. by Bd. Pub. Wks. at $7,000 to const. ornam. lighting system in Canal Ave. bet. J St. and Anaheim St.

R. A. Wattson, 4907 Melrose Ave., awarded contr. at $5,948 to const. ornam. lighting system in Browning Blvd, bet. Western Ave. and Van Ness Ave.

REDONDO, Cal.—City Engr. Victor Staheli estimates cost of proposed lighting systems at $100,000. The various items are: Pacific Ave. bet. Diamond and Opal, $8927; Esplanade, bet. Opal and Clifton, $14,581; Clifton to Avenue 1, $13,536; S Catalina St. to Pearl St., $15,926; bet. Pearl and Clifton, $14,000; bet. Clifton and Avenue I, $14,645; Opal St. bet. Catalina and the city limits, $17,297.

MODESTO, Stanislaus Co., Cal.—See "Streets and Sewers," this issue. Res. of Inten. to install electroliers.

HAWTHORNE, Cal. — Electric Service Co., Redondo, submitted low bid to city trustees at $29,700 to const. ornam. lighting system on West Raymond Ave., bet. west city limits and Hawthorne Ave., and on portions of Hawthorne Ave., Ballona Ave. and East Raymond Ave. Other bids were. R. H. Walker, $31,235; C. W. Sparks, $31,389; H. H. Walker, $34,013.20.

LONG BEACH, Cal.—Until 9:30 a. m., March 11, bids will be rec. by council to const. ornam. lighting system in Magnolia Ave., betw. Broadway and Anaheim St.

Bids, same date, to const. ornam. lighting system in 4th St., bet. Pine Ave. and s.w. line of lot 33, blk. 124, Townsite of Long Beach. H. C. Waughop, city clerk.

MACHINERY & EQUIPMENT

PORTLAND, Ore. — Until March 22 (new date) 11 a. m., bids will be rec. by James H. Polhemus, chief engineer, Port of Portland Commission, 916 Spalding Bldg., to const. steel hull, trusses and house for 30-in. Diesel electric dredge. Plans obtainable from above office on deposit of certified check of $50, returnable. Bids for this work were to have been opened March 15.

LOS ANGELES, Cal.—Bids rec. by Bd Pub. Wks. to fur. 2 revolving steam shovels for Mulholland highway work, were:

Bucyrus Co.—$15,420 each, f. o. b. Van Nuys; same with 1¼ yd. dipper, $15,475 each, f. o. b. Van Nuys.

Marion Steam Shovel Co. (Ricker Mchy. Co., agents)—$34,580, f .o .b. Van Nuys.

Norman B. Livermore & Co., Inc., $34,975.76.

Pawling & Harnischfeger Co.—$35,728 ($1600 disc. payment in full within 30 days after delivery).

MERCED, Merced Co., Cal. — Until March 17, 8 p. m., bids will be rec. by J. W. Spagnoli, clerk, Merced School District, to fur. and del. machinery and equipment for manual training departments. Materials desired fully described in **call for bids under official proposal section in this issue.**

SACRAMENTO, Cal.—Palm Iron Wks 1814 15th St., Sacramento, at (a) $2296 to fur. labor and materials and at (b) $1921 to furnish material and prepare same for assembling, submitted low bid to city commission for 14 steel garbage wagon bodies. Other bids: Edward R. Bacon, San Francisco, (a) $5146; (b) no bid; S. S. Allbright, (a) $5572; (b) $4592. Taken under advisement

RAILROADS

RENO, Nevada. — Verdi Lumber Co. will construct extensions to its logging railroad. Surveys are being completed.

FRESNO, Fresno Co., Cal.—Surveys are being made by Fresno Traction Co. to determine if population warrants the extension of its lines in the southwest section of the city. E. A. Deveereaux is supt. of company.

FIRE ALARM SYSTEMS

WOODLAND, Yolo Co., Cal. — City will enter into contract with Gamewell Co. to rebuild fire alarm system at cost of $4000; nine non-interfering alarm boxes will also be installed.

FIRE EQUIPMENT

MERCED, Merced Co., Cal. — City trustees contemplate purchase of motor fire apparatus. It is probable a bond election will be held to secure funds to finance purchase. W. W. Cornwell is city clerk.

LODI, San Joaquin Co., Cal. — City Clerk, J. F. Blakely instructed to advertise for bids to fur. triple comb. 750-gal. fire engine.

MISCELLANEOUS SUPPLIES

VALLEJO, Solano Co, Cal—G. Weissbaum Co., San Francisco, at $1180 awarded cont. by city council to fur. 60 street signs. E. L. Johnston, 814 Montgomery St., Vallejo, bid $1570.

RESERVOIRS AND DAMS

MERCED, Merced Co., Cal.—Merced Irrigation Dist. rejects plan proposed by Engr. Fred Emerson Hoar, of San Francisco, to develop Dry Creek reservoir site, and to develop storage and power dams on the north and south forks of the Merced river. The directors ordered that proceedings for a bond issue to complete the Exchequer dam and power house be started as soon as possible.

BUCKEYE, Ariz.—State board of certification authorizes Buckeye Water Conservation and Drainage Dist. to proceed with proposed $1,000,000 bond election, funds to const. a dam on the Gila river and additional canals, costing $442,107.90, and new drainage facilities costing $225,289.01.

SMARTSVILLE, Yuba Co., Cal.—Engineers for the Yuba River Power Co., are completing surveys for preliminary work in connection with proposed $3,000,000 dam to be built on The Narrows of the Yuba river near Smartsville. Surveys for a road to the dam site over which materials for construction will be hauled are being completed. The dam will be one of six units on the program of the power company, which concern proposes to open the way for the resumption of hydraulic mining and, at the same time, provide a vast water and hydro-electric development. Of the $3,000,000 which it is figured the dam at The Narrows will cost, the sum of $5,000,000, or one-sixth of the total cost, will be used in providing the base of the dam which will have its foundation 75 ft. below the present level of the stream. It is expected this work will be started April 1. The dam will tower at first to a point 150 ft. above the present level of the river. Later, another 60 ft. will be constructed following which another 100 ft. will be added making the dam 380 ft. above bedrock foundation and 310 ft. above present level of stream. At its final height the dam will store 120,000 ac. ft. of water above the tailings to be impounded. Lars Jorgenson, Hobart Bldg., San Francisco, is chief eng. for the Yuba River Power Co.

POMONA, Calif. — See "Streets and Sewers," this issue.

MEDFORD, Ore. — See "Irrigation Projects," this issue. Bonds sold.

PIPE LINES, WELLS, ETC.

SAN FRANCISCO — Constructing Quartermaster, Fort Mason, will shortly commence preparation of plans for a 40-ft. rein. conc. well at Lobos Creek and West Clay streets.

SAN JOSE, Santa Clara Co., Cal. — J. Fred Holthouse, San Jose, at $2445 awarded cont. by supervisors to drill well and install pump at county almshouse. Only other bidder was Wallace E. Bland, at $2803.85; County Surveyor's estimate, $2600.

MISCELLANEOUS CONSTRUCTION

LONG BEACH, Cal.—City Eng. preparing plans for gas holders and compressors for the first unit of the municipal gas system. Each holder will be of 1,000,000 or more cu. ft. capacity. Site not determined.

SAN DIEGO, Cal.—Until 3 P. M., Mar. 12, bids will be rec. by City Purchasing Agent W. H Cameron to const. foundations, pavements, railroad tracks and miscellaneous deck construction for Municipal Pier No. 2, to be known as Contract D. The work to be done consists in the construction of the following units: Concrete and pile foundations for the shed; grading and concrete walls for center track depression; railroad tracks on pier and approaches; drainage system, including inlets, catch basins and drain pipes; concrete pavement on south half of pier, and a portion of the center track depression. Cert. chk. 5%. Frank G. White, consulting engr.; H. E. Squire and G. A. Wood, associate engrs. Plans and spec. No. 158,249 on file at the office of the city clerk, Allen H. Wright.

SAN FRANCISCO—The Pacific Gas & Elec. Co. has purchased 12 acres of land adacent to the Potrero plant and plan to double its present size. Plans have not been prepared.

REDWOOD CITY, San Mateo Co., Cal.—City trustees at last meeting took under advisement request to const. tunnel beneath State Highway for use of Sequoia Union High School students

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KLAMATH FALLS, Ore—Nine Brothers' Lumber Co., of Siskiyou County, will erect a sawmill at Klamath Falls with a daily capacity of from 60,000 to 70,000 board feet; will be located on 42-acre tract near outskirts of city on Strahorn r.r.; will be band mill type with a resaw, shotgun feet and modern appliance. A log pond will be excavated

OAKLAND, Cal. — Pacific Gas and Electric Co., 445 Sutter St., San Francisco, will construct additional compressor of 250,000 cu. ft. per hr. to provide sufficient capacity in compressors for high pressure gas distributing system. L. H. Newbert is division manager for the company.

SAN JOSE, Santa Clara Co., Cal. — Sunset Lumber Co., at $725 submits only bid to supervisors to const. Monro silo at county almshouse. Bid rejected and new bids ordered received to be opened March 17, 11 a. m. Spec. obtainable from County Clerk Henry A. Pfister.

WATER WORKS

YREKA, Siskiyou Co., Cal.—Chamber of Commerce backs movement to call election to vote bonds to finance improvements to water system. Chas. Noel heads committee to submit report on proposal.

GLENDALE, Cal.—Until 10 A. M., Mar. 13, bids will be rec. by council for del. f. o b. cars Glendale, class "B" water pipe as follows: 18,000 ft. 4-in. 18,000 ft. 6-in., 12,000 ft. 8-in., 7000 ft. 12-in., and 60 tons class "D" C. I. fittings. Cert. chk, 10%. A. J. Van Wie, City Clerk.

CORCORAN, Kings Co., Cal.—Johnston Pump Co., Los Angeles, at $1,602 awarded cont. by city trustees to fur. and install pump at muny water works. Other bids: Western Well Works, $1645; Layne-Bowler Pump Co., $1790; Sterling Pump Works, $1824.

SAN DIEGO, Cal.—April 29 is date set by council to vote bonds of $3,500,000 to finance developments to water system.

SAN FRANCISCO—Until March 19, 3 p. m., bids will be rec. by Board of Public Works to fur., del and install centrifugal pumps and connections for Bay-Pulgas pumping plant under Contract No. 94, Hetch Hetchy Project. The plant is located near the Ravenswood plant of the Spring Valley Water Company in San Mateo County about ½ mile west of the west shore of the San Francisco Bay at Dumbarton Strait. Bond of 50% of the contract price will be required of successful bidder. Cert. check 10% payable to clerk of Board of Supervisors required. Spec. obtainable from Bureau of Engineering, 3rd floor, City Hall.

BEVERLY HILLS, Cal.—Byron-Jackson Pump Mfg. Co., 303 E Third St., Los Angeles, submitted only bid to city trustees at $3179.60 to fur. 2 direct connected motor driven centrifugal booster pumping units, for new water works system.

BEVERLY HILLS, Cal.—Pittsburgh-Des Moines Steel Co., Rialto Bldg., San Francisco, submitted low bid to city trustees at $15,900 to const. 250,000-gal. steel water tank in connection with the new water works system. Other bids were. Minneapolis Steel & Machinery Co., $16,870; Chicago Bridge & Iron Co., $19,000; Llewellyn Iron Works, $25,275.

DINUBA, Tulare Co., Cal.—Byer and Lighty Co., Dinuba, at $812 awarded cont. by city trustees to fur. and install 40-h.p. engine and 40-in. pump at muny water works.

BEVERLY HILLS, Cal.—Union Construction Co., San Francisco (care R. E. Burgund, Clark Hotel, Los Angeles), submitted low bid to city trustees at $6940 to const. conc. aerating tanks for the new water works system under the $150,000 bond issue. Other bids were: Clarence P. Day Corp., $8120; R. A. Garrett, $8433; John S. E. Hooik, $8444; J. H. Ackland, $8938.

BEVERLY HILLS, Cal.—The $150,000 bond issue to complete water system carried at the recent election.

OAKLAND, Cal.—On Feb. 28, bids were received as follows by E. K. Sturgis, city clerk, to erect one-story brick fire engine house at corner of Foothill Blvd. and Trenor St.

F. W. Maurice, 1326 E-25th St., Sacramento $9,978
John M. Bartlett.....10,573
M. E. Hopper & Sons.....10,980
Barr & Son 11,698

ALAMEDA COUNTY, Calif.—Representatives of the seven East Bay cities appearing before the State Railroad Commission, report that more than $1,000,000 is needed to permit East Bay cities to provide additional fire protection through the laying of larger water mains. The railroad commission called the hearing after negotiations between Oakland, Berkeley and the East Bay Water Company had failed because of legal difficulties encountered. Representatives of Oakland, Berkeley, Alameda, Richmond, Emeryville, Piedmont and San Leandro declared that additional pipe lines for fire protection were imperative, and the water company expressed willingness to proceed with the work of installation. The object of the hearing was to work out some plan satisfactory to the cities, the water company and the commission wherehy the company could immediately proceed with the installation of the mains. The matter will come before the Commission March 7 for consideration.

SAN BRUNO, San Mateo Co., Cal.—John Schyf, San Bruno, at $4370 awarded cont. by city trustees for water works improvements. Bids follow:

(a) Const. deep-well pump-house foundations.
(b) Const. foundation for booster pump house.
(c) Const. 3 deep-well pump foundations.
(d) Const. foundation for booster-pumps.
(e) Const. 3 deep-well motor foundations.
(f) Const. 2 booster-pump motor foundations.
(g) Const. 2 settling tanks.
(h) Const. 25-foot diameter tank or suction reservoir.

C. B. Cowden (a) $720 ea; (b) $595, (c) (d) (e) and (f) included in (a) and (b) (g) $2120 ea; (h) $4240—$11,235.
T. Matson (a) $120 ea; (b) $125; (c) $170 ea; (d) $261; (e) $39 ea; (f) $55 ea; (g) $1320 ea; (h) $2380. Total $6503.
John Schyf (a) $66 ea; (b) $47 ea; (c) $215 ea; (d) $240 ea; (e) $23 ea; (f) $45 ea; (g) $784 ea; (h) $1513—$4370.
C. J. Lindgren (a) $247.50 ea; (b) $141.50; (c) $528 ea; (d) $312; (e) $117.50 et; (f) $137 ea; (g) $2393 ea; (h) $2750. Total $10,492.50.

LOS ANGELES, Cal.—Until 3 p. m., March 14, bids will be rec. by public service comm., 207 S Bdwy, for 300 2½-in. single nozzle fire hydrants under spec. 769. Jas. P. Vroman, secy.

SAN DIEGO, Cal.—Council sets April 29 as date for $3,500,000 water bond election. This issue is for the purpose of developing the San Diego river for a water supply.

REDONDO BEACH, Cal. — Election will be held in April to vote on a $10,000 bond issue for fire hydrants.

VALLEJO, Solano Co., Cal. — Until March 12, 11 a. m., bids will be rec. by Alf. E. Edgecumbe, city clerk, to fur. 840 lin. ft. 10-in. class B bell and spigot c.i. pipe with necessary fittings. Cert. check 10% payable to city req. Spec. on file in office of clerk. T. D. Kilkenny, city engineer.

GILROY, Santa Clara Co., Cal.—Michael Murphy, 1321 Milvia St., Berkeley at approx $62,500 awarded cont. by city trustees to const. extensions to water system.

SALINAS, Monterey Co., Cal.—Coast Valleys Gas and Electric Co. granted permit by city council to erect steel water tower and 2 tanks at Lincoln Ave. and Clay St. Tower 100 ft. high; tanks, 100,000-gals, capacity each. James F. Pollard is general manager for company.

GLENDALE, Cal.—Until 10 a. m., Mar 13, bids will be rec. by council to del. f. o. b. cars Glendale, class B water pipe as follows: 18,000 ft. 4-in., 18,000 ft. 6-in., 12,000 ft. 8-in., 7000 ft. 12-in., and 60 tons class D c. i. fittings. Cert. check, 10%. A. J. Van Wie, city clerk.

NAPA, Napa Co., Cal.—City Clerk H. H. Thompson instructed to advertise for bids to furnish quantity of 6-in. pipe for water system. H. A. Harriod, City engineer.

SAN FRANCISCO — Union Machine Co., 934 Brannan St., at $18,335 awarded cont. by Bd. Pub. Wks. to fur. two 42-in., one 36-in. and four 20-in. gate valves for Hetch Hetchy project.

SAN FRANCISCO—Until March 18, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5181, to fur. one Duplex double-acting pump to furnish water for fire apparatus on sunction dredge. To be on a single frame and base, not over 6 ft. long by 3 ft. wide; capable of del. 500 gals. per min. under pressure of 75 lbs. when steam is delivered to pump at 125 lbs. pressure; completely brass fitted throughout. Further information on request to above office.

PLAYGROUNDS AND PARKS

SACRAMENTO, Cal.—City Manager H. C. Bottorff announces plans will be started at once to lay out grounds in I St., bet. 3rd and 5th Sts., facing proposed new S. P. depot for a public park. Drinking fountains, comfort stations, etc., are included in the project. Albert Givan is city engineer.

SAN FRANCISCO — Constructing Quartermaster, Fort Mason, is preparing plans for a boundary line fence at the San Francisco Presidio extending from 15th to 22nd Sts. Will he No. 9 gauge link fence constructed of 6x6x8x 8-in. r.w. posts 10-ft. on centers with 3 rows of barbed wire on top. Three feet under the ground will be placed 2-12-in. planks to prevent digging under fence to secure admittance to Presidio grounds.

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RICHMOND, Contra Costa Co., Cal.—Preliminary sketches have been submitted to city council by War Mothers for memorial in Memorial Park, Bissell Ave. bet. 12th and 13th Sts. Will rest on granite floor with granite pedestal topped with a life-sized bronze statue of a soldier; est. cost $4000 to $5000.

WATSONVILLE, Santa Cruz Co., Cal.—Watsonville Woman's Club will campaign for funds to finance construction of a civic swimming pool at the junction of Main and Sudden Sts. The club has already banked $1000 as part of the fund.

SACRAMENTO, Cal.—Until March 17, 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education, to fur., erect and install approx. 1040 lin. ft. property protection wire fence, 6-ft. high with 2 gates, one a 10-ft. double drive and one 4-ft. walk gate. Cert. chk 10% payable to Board of Education req. Specifications obtainable from Business Manager of Bd. of Educ., School Administration Bldg., 21st and L Sts.

REDWOOD CITY, San Mateo Co., Cal—County supervisors authorize purchase of plants and trees for county from following firms. MacRorie McLaren Co., $242.35; Western Nursery Co., $587.50; Stewart Nelson, $198.55.

MERCED, Merced Co., Cal. — Crow Nursery Co. awarded cont. by city trustees to fur. and plant 425 maple trees north of the Santa Fe R.R.

REDWOOD CITY, San Mateo Co., Cal—Voters reject proposal to issue bonds of $30,000 to finance purchase and improvements of lands for playground purposes.

LODI, San Joaquin Co., Cal. — City Planning Commission has selected types of trees which property owners may select for street planting. The types include Oriental Plane, Acacias, Albrizzia, Magnolias, Tulip tree, True Date Palm, Crape Myrtle.

SEWERS & STREET WORK

SANTA ANA, Cal.—City trustees declare inten to imp. 15th St., bet. N Edwy. and French St., grade; pave with cem. conc., const. curb; 1911 and 1915 bond acts.

Inten declared to imp. W Highland St.; bet. Flower and Bristol Sts., grade; pave with cem. conc., const. curbs, hse sewers, etc.; 1911 and 1915 bond acts. E. L. Vegely, city clerk.

WHITTIER, Cal.—City trustees declare inten. to imp. first alley n of Hadley St., bet. Pierce Ave. and Citrus Ave., grade and pave with 5-in. cem. conc.; 1911 act. C. O. Trueblood, city clerk.

AZUSA, Cal.—Bonds of $50,000 voted at recent election to finance paving of streets.

BERKELEY, Alameda Co., Cal—Hutchinson Co., Hutchinson Bldg., Oakland awarded cont. by council to const. conc curbs and gutters and return curbs in portions of Addison St.; relay branch culverts; pave with 6-in. asph.

SAN FRANCISCO—Board of Public Works awards contracts for street and sewer improvements as follows:

E. C. Moran, 241 19th Ave., at $330 sewer Jarboe St., bet. Moultrie and Anderson Sts., involv. 120 lin. ft. 8-in. sewer $1.95 lin. ft.; 6 8-in. wye branches $1 each; 1 br. manhole $90.

City Const. Co., Call Bldg., at $3975 to imp. Moscow St., bet. Persia and Brazil Aves; involv. 450 lin. ft. conc. curb. $1 lin. ft.; 4350 sq. ft. art. stone walks $.20 sq. ft; 9000 sq. ft. asph. conc pavement, $.29½ sq. ft.

J. M. Smith, 715 Tara St., at $4409 to imp. Newhall St., bet. Hudson and 3rd Sts., involv. 400 cu. yds. $1 cu. yd; 530 lin. ft. concrete curb $1.10 lin. ft.; 390 sq. ft. art. stone walks, $.18 sq. ft.; 2 br. catchbasins, $130 each; 50 lin. ft. 10-in. culvert $2.50 lin. ft; 10,610 sq. ft. asph. conc. pavement $.28 sq. ft.

M. J. Lynch at $.15 sq. ft. to const. 14,744 sq. ft. art. stone walks in San Leandro Ave., bet. Sweeney and Olmstead Sts.

M. J. Lynch at $.15 sq. ft. to const. 20,610 sq. ft. art. stone walks in portions of Lee and Granada Aves., etc.

SAN JOSE, Santa Clara Co., Cal.—Until March 17, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. 15th St., bet. Jackson and Taylor, involv. grading and paving with 1-in. Warrenite-Bit. surface on 3-in. bit. conc. base; hyd. cem. conc. curbs, gutters and walks; 1911 Act Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city engineer.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Until March 17, 7 P. M. bids will be rec. by Daniel McSweeney, city clerk, to imp. various alleys, involv. 6,300 cu. yds. grading; 238,000 sq. ft. conc. pavement; 22,500 sq. ft. 4-in. conc. base with 1½-in. Topeka surface; 2,600 sq. ft. conc. walks; 560 lin. ft. conc. curb and gutter, etc., 1911 Act & Bond Act 1915. Geo. A. Kneese, city eng.

SAN JOSE, Santa Clara Co., Cal.—Until March 17, 8 P. M. bids will be rec. by John J. Lynch, city clerk, to imp. 12th St., bet. Julian and Empire Sts., involv. grading and paving with 1½-in. Durite asph. concrete surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs, gutters and walks; 1 br. catchbasin; 8-in. vit. pipe drains, 1911 Act & Bond Act 1915 Cert. Check 10% payable to city req. Wm. Popp, city eng.

SAN DIEGO, Cal.—Cal. Constr Co., Union Bldg., submitted low bid to council at $50,565 to imp. Woolman Ave. and N St., involv. 19120 cu. yds. earth excav., $1 yd; 184.6 cu yds earth embank, 50c yd.; 206,196.1 sq. ft. 1½-in. Warrenite on 3-in. asph. concr. base, 20c ft.; 7816.98 sq. ft. concr walk, 25c ft.; 1571.02 ft. curb, 75c ft.; 3 culverts complete, $5710; miscellaneous, $200. Warren Constr. Co., 3790 Hortensia St., bid $54,965.96.

MODESTO, Stanislaus Co., Cal. — Council, H. E. Gragg, clerk, declares inten. to imp. Grant St., bet. Henry and Johnson, involv. grade; pave with 2½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; const. cem. conc. curbs and gutters; fur. and install concrete "Marbelite, Type 700, electroliers with G. E. Novaux Unit Form 12 complete with globe, wire, lamps, conduits, ets. 1911 Act & Bond Act 1915. Protests March 24. F. W. McCarton, city eng.

SAN MATEO CO., Cal.—Following bids rec. by State Highway Commission March 3, to grade and surface with crushed gravel or broken stone, 6.4 mi. of San Mateo county, bet. Half Moon Bay Road and Kings Mountain Road involving 177,000 cu. yds. roadway excavation without classification; 662,500 sq. yds. overhaul; 57 cu. yds. structure excavation without classification; 13,610 cu. yds. crushed gravel or broken stone surface; 28 cu. yds. Class A Portland cem. conc. (culverts and monuments), 3.5 hundredweights reinf. steel in place; 2088 lin. ft. 18" corrugated metal pipe; 400 lin. fa. 6" and 200 lin. ft. 8" drain tile; 10 acres clearing and grubbing; 5 mi. moving and resetting property fences; 121 monuments. Commission will furnish corrugated metal pipe.

J. P. Holland, 540 Brannan St., San Francisco	$181,386
C. B. Crowley, Los Angeles	194,900
John Phillips, Sacramento	202,691
Williams & Singletary, Colton	205,471
E. McDonald, Sacramento	211,432
Isbell Constr. Co., Fresno	216,845
Guerin Bros. Co., S. F.	219,680
A. J. & J. J. Fairbanks, S. F.	231,618
C. R. Adams, Merced	237,586
Palmer & McBryde, S. F.	252,232
Kaiser Paving Co., Oakland	313,192
Engineer's Estimate	178,647

HAWTHORNE, Cal. — City trustees petitioned to pave and widen Inglewood Ave. to 80 ft. through Lennox, Hawthorne and Lawndale.

SAN JOSE, Santa Clara Co., Cal. — Supervisors, Henry A. Pfister, clerk, take under advisement petition seeking paving of Pershing and Hoover Aves., with 5-in. Port. cem. conc. Robt. Chandler, county surv.

LOS ANGELES, Cal.—Until 10 a. m., March 17, bids will be rec. by Bd. Pub. Wks. to imp:

20th St., bet. Oak and Toberman Sts., involv. 20,463 sq. ft. asph. paving; 1420 sq. ft. bitum base paving; 55 ft. curb; 3147 sq. ft. walk; 1313 sq. ft. gutter; 30 ft. hse. sewers; 1911 act.

Hoover St., bet. Fountain Ave. and Santa Monica Blvd., involv 50,285 sq. ft. Warrenite-bitul. paving; 847 ft. curb; 4332 sq. ft. walk; 2309 sq. ft. gutter; 210 ft. hse. sewers; 1911 act.

Alley w of Pacific Ave., bet. 17th and 18th Sts., involv. 15,000 sq. ft. conc paving.

Sentinel Ave., bet. Ganahl St. and Wabash Ave., involv. 19,970 sf. ft. oil and roll; 1431 ft. curb; 7227 sq. ft. walk 2893 sq. ft. gutter; culvert; san. sewer; 1911 act.

Oxnard St., bet. Woodman Ave. and sherman Way, involv. 108,902 sq. ft. 6-in. conc. paving; 196 ft. curb; Vrooman act.

Waverly Ave., bet. Auburn St. and Hyperion Ave., involv. 52,816 sq. ft. conc. paving; 7879 sq. ft. walk; san. sewer; 1911 act.

HAWTHORNE, Cal. — Oswald Bros., 366 E 58th St., Los Angeles, submitted the low bid to city trustees at $46,935 to pave Raymond Ave., bet. west and east city limits, involv. 1½-in. Willite surface on 2½-in. asph. conc., over 2-in. sand cushion, const. curbs, walks and gutters. H. G. Feraud of the Willite Road Constr. Co. bid $48,438.79.

SAN JOSE, Santa Clara Co., Cal.—County Surveyor Robert Chandler instructed to prepare spec. for following road improvements:

Branchett Ave. with 5-in. Port. cem. conc. pavement in Supervisor District No. 4.

Yosemite Ave. in Supervisor Dist. No. 4, pave with 5-in. Port. cem. conc.

Sierra Ave. in Supervisor Dist. No. 4, pave with 5-in. Port. cem. conc. (County will pay cost of 12-ft. strip through center of street).

Spec. also ordered to imp. El Monte Ave. in Supervxisor Dist. No. 5 and Randol and Singletary Aves. in Supervisor Dist. No. 4.

LOS ANGELES, Cal.—Nick Leko, 747 N. Hill St., awarded contr. by Bd. Pub. Wks. at $20,069 to imp Chadwick Dr., bet. Templeton St. and 1553.76 ft. s. of Edna St., involv. grading at $1000 (lump sum); 51,272 sq ft. concr. paving, 22.5c ft; 820 sq. ft. bitum. base paving, 20c ft:; 749 ft. light curb, 60c ft.; 271 sq. ft. walk, 30c ft.; 22 sq. ft. gutter, 40c ft.; san. sewer, $5900; hse. sewers, $1.40 ft.

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POMONA, Cal. — City Engr. F. C. Froehde preparing prel. plans for proposed $100,000 sewer system. Elrod Engineering Co., 209 Mills-Fraser Bldg. Santa Monica, will install sewage disposal plant, after designs by H. E. Elrod, inventor of the Elrod system.

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, clerk, declares inten. to imp. Locust St., bet. Willow St. and south city limits, involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curb, gutter and walks; 2 br. catchbasins; 8-in. vit. pipe drains; 4 cem. conc. inlets. 1911 Act & Bond Act 1915. Protests March 24. Wm. Popp, city eng.

POMONA, Cal.—Until Marsh 11, 12 M., bids will be rec. by council to imp. Garey Ave., bet. Willow St. and Lordsburg Rd., grade and pave with 5-in. cem. concr., const curbs, corr. iron culvert, concr. catchbasin and wrought iron grating; 1911 act. F. C. Froehde, city engineer.

HAWTHORNE, Cal. — Until March 24, bids will be rec. by city trustees to pave Acacia and Birch Sts., bet. Ballona and Wallace Aves., involving Willite pavement and other incidental paving. W. B. Shaw, city clerk.

FULLERTON, Cal.—City trustees declare inten. to imp. E Santa Fe Ave., bet. N Spadra Rd. and S Lawrence Ave. grade; pave with 1½-in. Warrenite-bitul. surface on 3½-in. asph. conc. base, const. corru. galv. culverts, curbs, etc. F. C. Hezmalhalch, city clerk.

NEVADA STATE—See "Bridges" this issue. Overgrade crossing bids. State Highway Commission.

REDONDO BEACH, Cal. — Election will be held in April to vote $20,000 bond issue to extend sewer system.

INYO COUNTY, Cal.—State highway comm. decides to grade and gravel 8 mi. of highway north from Independence to the present paved road which starts at Division Creek, 12 mi. n. of Independence, Inyo county. Gravel used will be volcanic cinder material found along the route and laid 7-in. deep. F. G. Sommer, engr. in charge of this division.

SANTA BARBARA, Cal.—City Engr. George D. Morrison completes spec. to imp. Garcia Rd., ½ mi., by grading, paving, constr. curbs and gutters.

NEW MEXICO—Until 9 a. m., April 2, bids will be rec. by Dist. Engr. E. S. Wheeler, bureau of public roads, U. S. Dept. of Agriculture, 242 W Washington St., Phoenix, Ariz., to const. Canoncito-Pecos highway, in Santa Fe National forest, New Mexico, counties of Santa Fe and San Miguel, involv. 28,110 cu. yds. two-course crushed stone surfacing, or alternate 23,425 cu. yds. one-course crushed stone surfacing with oil mat. Government has on hand various equipment for loan on a rental basis. Plans upon deposit of $10. Proposal guaranty, 5%.

LOS ANGELES, Cal.—County supervisors agree to provide funds to const. new road through Cahuenga pass on w side of Pac. Elec. tracks. Approx. $100,000 per year will be provided for three years. The new road will be 4500 ft. long, 80 ft. wide, with 10 ft. walk on one side, and curbed on each side. Paving will be 8-in. reinf. conc. Grade will be a steady 5½% rise.

SAN DIEGO, Cal—David H. Ryan, 1615 Fern St., awarded contr. by council at $40,950 to imp. San Marcos and other streets.

SANTA ANA, Cal.—City Council petitioned to pave Valencia St. bet. 7th and 20th Sts., and 20th St., bet. Spurgeon and Sanaiago Sts. with 5-in. asph. conc.; also pave Bishop St., bet. Oak St. and the P. E. tracks with cem. concr. Resolution adopted to pave 15th St. bet. French St. and Broadway, and Highland Ave. bet. Flower and Bristol Sts. E. L. Vegely, City Clerk. W. G. Knox, City Engr.

SAN FRANCISCO—Until March 8, 11 A. M., bids will be rec. by Constructing Quartermaster. Fort Mason, to construct concrete road at Crissy Field. **See call for bids under official proposal section in this issue.**

BURBANK, Cal.—Until 7:30 P. M., Mar. 18, bids will be rec. by city trustees to imp. 5th St., bet. Magnolia and Verdugo Aves., grade and pave with 3-in. macad.; constr. curbs, walks; 1911 act. F. S. Webster, city clerk.

HANFORD, Kings Co., Cal.—Council D. C. Williams, Clerk, declares inten. to imp. portions of Keith and Bush Sts., involv grade and paving with 3-in. bituminous base with 1½-in. Warrenite-Bit. surface; cem. curbs. 1911 Act and Bond Act 1915. Protests March 17. Ben Duffield, City Eng.

SAN BERNARDINO, Cal.—Until 7:30 P. M., Mar. 10, bids will be rec by council to imp. Walnut St., bet. Crandall St. and Mt. Vernon Ave., grade, pave with 4-in. macad.; const. walks, curbs, gutters; 1911 act. J. H. Osborn, city clerk.

SAN DIEGO, Cal.—Council approves spec. to pave Normal St., Centre St., Lincoln Campus, Richmond and other Sts., involv. 858,808 sq. ft. paving, of which 505,508 sq ft. will be 1½-in. Warrenite on 2½-in. bitul. base, and the balance 1½-in. asph. concr. on 4-in. concr. base. F. A. Rhodes, city Manager.

SAN DIEGO, Cal.—Griffith Co., 25 14th St., submitted low bid to council at 32,927 to imp. Union, Brant and Curley Sts., involv. 175,649.39 sq. ft. 1½-in. sheet asph. paving on 2½-in. bitum. base 16.2c ft.; 5809.59 sq. ft. walk, 22c ft.; 1190.38 ft. curb, 66c ft.; 13 4-in. cem. sewer laterals, $33 ea.; 15 6-in. cem. sewer laterals, $38.50 each; 266.3 cu. yds. earth excav., 90c yd.; 265.9 cu. yds. earth embank. 10c yd.; cem sewer main, 511 ft. long, $1045; miscellaneous, $90. Other bids were:

David H. Ryan, 1615 Fern St., $36,096.94.

California Constr. Co., Union Bldg., $36,215.73.

G. R. Daley, 4450 Boundary St., $37,456.29.

NEVADA STATE — Following contracts awarded by State Highway Commission, George W. Borden, chief engineer, for overhead crossings:

J. H. Tedford, Fallon, Nevada, $28,000 approx. Humboldt county, on Central Pacific R. R. near Rose Creek, 130 ft. in length, involv. 22,500 cu. yds. unclassified excavation; 230 cu. yds. Class "A" concrete; 1986 lin. ft. wooden guard rail; 266 lin. ft. iron pipe railing; 52,620 lbs. structural steel, complete in place.

Bishop & Brooks, Sacramento, $33,000 approx. Elko county, on Central Pacific R. R. near Deth, 135 ft. long, involv, 28,644 cu. yds. unclassified excavation; 230 cu. yds. Class "A" concrete; 1520 lin. ft. wooden guard rail; 266 lin. ft. iron pipe railing; 54,185 lbs. structural steel, complete inplace

Nelson & Repuke, Fresno, Cal, $37,000, approx. Eureka county, on Central Pacific R. R. near Dunphy, 137 ft. long, involv. 31,276 cu. yds. unclassified excavation; 300 cu. yds. Class "A" concrete; 1248 lin. ft. iron pipe railing; 55,050 lbs. structural steel, complete in place.

BAKERSFIELD, Kern Co., Cal.—Until March 17, 10 A. M., bids will be rec. by F. E. Smith, County Clerk, to const. sanitary sewer at Kern county hospital grounds. Cert. check 10% payable to county req Plans on file in office of clerk.

PASADENA, Cal.—Until 10 A. M., Mar. 11, bids will be rec. by city directors to const. sewer in Fair Oaks Ave., bet. Montana St. and n. city limits, together with flush tank and Y branches; 1911 act. W. C. Earle, city engineer.

NATIONAL CITY, Cal.—City trustees declare inten. to imp. 2nd St., bet. 1st and F Sts., grade; const. curbs and walks; 10-in. corr. iron pipe culvert 80 ft. in length; Third St. bet. First Ave. and National Ave; grade; const. walks, curbs, gutter, etc., and imp. portions of A and other avenues and streets; O. A. Mullen, City Clerk.

WILLITS, Mendocino Col., Cal.—Election will be called shortly to vote bonds of $30,000 to finance construction of bridge in S-Main St. and sewers in certain streets.

SANTA ANA, Cal.—County Road Commissioner J. L. McBride presents to supervisors recommendation that assessment dist. be created to pave Fairview Ave. bet. end of paving at Fairview to Newport Ave, Costa Mesa, 2 mi. Proposed pavement will be 18 ft. wide, 7 in. thick in the center and 9 in. thick at the edge; est. cost, $55,000.

HILLSBOROUGH, San Mateo Co., Cal.—Election will be called at once to vote bonds of $24,000 to finance street improvements.

Barber Greene Model 42 Loader

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California Highway Commission

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SAN DIEGO, Cal.—Griffith Co., 25 14th St., submitted low bid to council at $119,927.37 to imp A. B, Ash, Granada, Fern and other streets, invol. 369.4 cu. yds. earth excav., 90c yd.; 2.95 cu. yds earth embank., 10c yd.; 144,384.69 sq. ft. 1½-in. sheet asph. paving on 4-in. conc. base, 20c ft.; 496,587.94 sq. ft. 1½-in. sheet asph paving on 2½-in. bitum. base, 15.9c ft.; 21,610.24 sq. ft. concr. walk, 22c ft.; 4564.31 ft. curb, 66c ft.; 22 4-in. cem. sewer laterals, $33 ea.; 19 6-in cem. sewer laterals, $38.50; 6 culverts complete, $1770; miscellaneous, $153 Other bids were:

David H. Ryan, 1615 Fern St., $120,-167.26.

California Constr Co., Union Bldg, $121,761.05.

G. R. Daley, 4430 Boundary St., $134,-570.81.

BURBANK, Cal.—City trustees declare inten. to imp. Elmwood Ave., bet. 4th St. and Kenneth Rd.; grade and pave with 3-in. macad., const. curb, walks, etc.; 1911 act. F. S. Webster, city clerk.

CLAREMONT, Cal.—City trustees decide to pave various streets in proposed paving program with asph. conc. The streets to be paved are: Indian Hill from north city limits to Harrison; Harvard from Indian Hill to Alexander; Alexander from Fifth to Cucamonga; Cucamonga from Alexander west to Pomona city limits; Fifth St. from Indian Hill Blvd. to Harvard; Yale from First to Fifth, and Harvard from First to Sixth; Second from Harvard to Alexander, and the south side of First from Alexander to Berkeley.

CARSON CITY, Nevada—The following statement has been issued from the offices of the Department of Highways, State of Nevada:

The State Board of Examiners at a meeting held on February 9th, 1924 adopted a resolution to the effect that no payments would be approved to any contractor on contracts hereafter let by the State Highway Department unless the surety bond given with such contract bears the signature and approval of a resident agent in the State of Nevada.

In the future, therefore, in connection with any work of this Department on which you may bid, please bear in mind that this requirement of the resident agent's approval of the surety bond must be met.

The ruling of the Board of Examiners will not affect any contracts let and approved prior to February 9th, 1924.

(Signed) GEO. W. BORDEN, State Highway Engineer; by H. M. Toy, Assistant State Highway Engineer.

NEVADA STATE—Until March 26, 1:30 p. m., bids will be rec'd by State Highway Commission, Geo. W. Borden, chief engineer, to const. 1.27-mi. of highway in White Pine county, from First and Aultman Sts. to Ely east city limits, involv. 4035 cu. yds unclass. excavation; 4850 cu. yds. selected material for fills; 8620 yd. sta. overhaul; 1.27 mi. prepare subgrade and shoulders; 13,430 sq. yds. cem. conc. pavement; 40 cu. yds. class A, and 10 cu. yds class B conc.; 210 lin. ft. 15-in., 44 lin. ft. 18-in., 34 lin. ft. 24-in., and 140 lin. ft. 30-in. corru. metal pipe, in place; 250 cu. yds. cem. rubble masonry; 512 lin. ft. wood guard rail, complete in place; 14 monuments in place; 2 sign posts, in place. Cement will be furnished by the state f. o. b. at Ely. Sand and coarse aggregate are to be secured and furnished by the contractor.

SAN FRANCISCO — Fay Imp. Co., Phelan Bldg., at $12,671.51 submits low bid to Bd. Pub. Wks. to imp. Campbell Ave., bet. Delta and Rutland Sts., involving (a) 1875 cu. yds. cut, $1.32 cu. yd.; (b) 860 cu. yds. fill $.22 cu. yd; (c) 1340 lin. ft. conc. curb, $.98 lin. ft; (d) 720 sq. ft. art. stone walks, $.194 sq. ft.; (e) 2 br. catchbasins, $138 ea; (f) 26,812 sq. ft. asph. conc. pave, $.273 sq. ft.; (g) 125 lin. ft. 10-in. culverts, $2.15 lin. ft. Other bids were:

Municipal Const. Co., (a) $1.40; (b) $.35; (c) $1; (d) $.20; (e) $130; (f) $.275; (g) $2; total $12,943.30.

Eaton & Smith (a) $1.25; (b) $.60; (c) $1; (d) $.20; (e) $140; (f) $.27; (g) $2.25; total $12,844.24.

SAN FRANCISCO—Jas. McElroy, 180 Jessie St., at $981.25 submits only bid to Bd. Pub. Wks. to imp. 24th Ave., bet. Lincoln Way and Irving, involv. 125 lin. ft. conc. curb, $1.25 lin. ft.; 2500 sq. ft. asph. conc. pave, $.33 sq. ft.

REDWOOD CITY, San Mateo Co., Cal. —Pacific States Const. Co., Call Bldg., San Francisco, only bidder, at $5281 awarded cont. by supervisors to repair and resurface El Camino Real through Redwood City, in 3rd Rd. Dist.

PASADENA, Cal.—Until 10 a. m., Mar 11, bids will be rec. by city directors to imp. Charlevoix St., bet. Sierra Bonita Ave. and Bonnie Ave., grade; pave with oil macad., const. curbs, gutters and walks; 1914 act.

Separate bids to const. walks on Chestnut St., bet. Fair Oaks Ave. and Raymond Ave.; 1911 act. W. C. Earle, city engineer.

LOS ANGELES, Cal. — Griffith Co., 502 L. A. Ry. Bldg, Los Angeles, awarded contr. by Bd. Pub. Wks. at $38,307 to imp. Griffin Ave., bet. Montecito Park Ave. 35, involv. grading $4595 (lump sum); 81,810 sq. ft. asph. paving 22.8c ft.; 51,768 sq. ft. conc. paving 22c ft., curb 70c; bitum. paving 12c ft.; 631.5 ft. curb 70c ft.; 3119 sq. ft. walk 21c ft; 5413 sq. ft. gutter 25c ft.; storm drain, $700; reinf. conc. culvert, $360.

E. Schelling, 218 Higgins Bldg., awarded cont. at $21,530.52, for imp. Vestal Ave., bet. Cerro Gordo and Baxter Sts., involving grading $7500(Vestal Ave. grading); grading on Champlain Terrace, $1000; 17,714 sq. ft. conc. paving 25c ft.; 7981 sq. ft. oil and roll 8c ft.; 2714 ft. curb 75c ft.; 7142 sq. ft. walk 22c ft.; 2448 sq. ft. gutter 35c ft.; san. sewer $3500.

Griffith Co., 502 L. A. Ry. Bldg., awarded cont. at $32,986.64 for imp. Wilton Pl. bet. Wilshire Blvd. and San Marino St., involving grading at $4484; 110,323 sq. ft. asph. paving 22.8c ft; 208 sq. ft. conc. paving 25c ft.; 1034 sq. ft. bitum. paving 12c ft.; 170 ft. curb 70c ft.; 361 sq. ft. walk 22c ft.; 2241 sq. ft. gutter 25c ft.; storm drain $1450; 551 ft. hse. sewers $1.75 ft.

LOS GATOS, Santa Clara Co., Cal.—Until April 7, bids will be rec. by town trustees to const sewer in Le Montague Ave. Further information obtainable from town clerk.

NEVADA STATE — Until March 26, 2:30 p. m., bids will be rec. by State Highway Commission, Geo. W. Borden, chief engineer, to const. 8.03-mi. of highway in Washoe and Lyon counties, bet. Derby and Fernley, involv. 21,000 cu. yds. unclass. excavation (sta. 5 plus 00 to sta. 288 plus 50); 13,750 cu. yds. unclass. excavation (sta. "B" 40 plus 00 to sta. ,"A" 109 plus 00); 8173 yd. sta. overhaul; 2.46 mi. prepare subgrade and shoulders; 3950 cu. yds. load and screen gravel; 11,160 yd. mi. haul gravel; 3950 cu. yds. spread gravel; 100 cu. yds. class A, and 30 cu. yds. class B conc.; 122 lin. ft. 15-in., 506 lin. ft. 18-in. and 74 lin. ft. 24-in. corru. metal pipe; 395 cu. yds. dry rubble masonry; 1960 lin. ft. stand wood guard rail; 86 monuments; 11 sign posts; 1184 lin. ft. special wooden guard rail. State will furnish sand and gravel for concrete in stock piles at Wadsworth.

SALINAS, Monterey Co., Cal.—Council, M. R. Keef, clerk, declares inten. to imp. San Luis St., bet. E-Main and E-West Sts., includ. intersections, involving grade; const. hyd. conc. curb and gutter; pave with 3-in. asph. cem. base with 1½-in. Warrenite-Bit surface; const. 2 hyd. cem. conc. catchbasins; 10-in. corru. iron culverts; part circle corru. iron culverts with 12-in. base and 5¾-in, rise on hyd. cem. conc. base; 3 8-in. corru. iron culverts. 1911 and 1915 Bond Acts. Protests March 24. Howard F. Cozzens, city eng.

CALIFORNIA—House Committee on Public Lands has reported favorably on bill appropriating $7,500,000 to build roads and trails on a 3-yr. program of construction in all National Parks, according to word from Washington. Of the total sum allotted, $2,597,000 will be available for the Yosemite, Sequoia, General Grant and Lassen parks, all in California.

BERKELEY, Alameda Co., Cal. — Council, E. M. Hann, clerk, declares inten. to imp. portion of Claremont Ave., involv. grade; const. conc. curb and gutter; pave with oil macadam. 1911 Act & Bond Act 1915. Protests March 18.

REDLANDS, Cal.—City trustees declare inten. to imp. E Citrus St., bet. 6th and Church Sts., by const. conc. gutters, 8-in. vit. sewer, 2 manholes, 30 8x4-in. vit. hse. sewers; 1911 act. C. P. Hook, city clerk.

STOCKTON, San Joaquin Co., Cal. — Following contracts awarded by county supervisors for road improvements:

F. C. McIntyre, Stockton, $11,596 gravel Atherton rd. in Bishop tract. Other bids: Irey & Holden, $11,805; and Cy Moreing, $12,385.

Irey and Holden, Lodi, at $9810 gravel Boussell or Tokay School rd., from Waterloo to Jack Tone rd. Other bids Cy Moreing, $10,102.60; Frank C. McIntire, $10,556; C. W. Wood, $10,532.

Irey and Holden, Lodi, $6326 gravel Wolfinger rd., from ¾-mile from Roberts Island rd. to Stein's brickyards. Other bids: Frank C. McIntire, $6379.20; Cy Moreing, $6902; C. W. Wood, $6,-606.40.

C. W. Wood, Manteca, $5395 gravel Grant Line Canal rd. Other bids, Frank C. McIntire $5395; Irey & Holden, $5746

BURBANK, Cal.—Until 7:30 p. m., March 18, bids will be rec. by city trustees to pave Lincoln St., bet. San Fernando Blvd. and Central Ave.; grade and pave with 1½-in. National wearing surface on 3½-in. asph. conc. base, const. 6-in. water pipe with connections, valves, etc.; 1911 act. F. S. Webster, city clerk.

LOS ANGELES, Cal.—Until 11 a. m., March 17, bids will be rec. by supervisors to imp. streets in Tract 4224 (west of Fort MacArthur), includ. Hanford Ave., bet. Pacific and Hamilton Aves., Barbour and other sts., 24,978 lin. ft. (County Imp. No. 99), involv. 69,422 cu. yds. excav; 25,791 ft. curb; 104,066 sq. ft. walk; 452,000 sq. ft. oil and screenings wearing surface. Est. contract price $95,912.55. Average haul 4 miles.

MODESTO, Stanislaus Co., Cal. — Council, H. E. Gragg, clerk, declares inten. to imp. Linden St., bet. Franklin and Washington and M St., bet Center and Washington, involv. grade; pave with 2½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; cem. conc. curbs and gutters; installation of "Union Metal" electroliers No. 874 with globes, cables, conduits, etc. 1911 Act & Bond Act 1915. Protests March 26. F. W. McCarton, city engineer.

SAN DIEGO, Cal.—Until 10:30 a. m., March 17, bids will be rec. by city clerk to imp. Cedar and Date Sts., involving 246,112.14 sq. ft. paving with 1½-in. sheet asph. on 3-in. bitum. base; 8636.51 sq. ft. cem. conc. sidewalk; 2216.43 lin. ft. cem. conc. curb; 1095 cu. yds. earth excav. F. A. Rhodes, city engineer.

COMPTON, Cal—Until 8 p. m., March 11, bids will be rec. by city trustees to imp. Tereblnth, School, Magnolia and about 12 other streets, involv. 288 ft. curb, 730,800 sq. ft. grading, $730,-800 sq. ft. 5-in. conc., 6 culverts. Edw. M. Lynch, Central Bldg., Los Angeles, engr. 1911 Act and the 1915 Bond Imp. Act.

RICHMOND, Contra Costa Co., Cal.—Hutchinson Co., Hutchinson Bldg, Oakland, at $72,594 awarded cont. by council to imp. 34th, 35th and 36th Sts., bet. Macdonald Ave. and Richmond Pullman Home Tract; Nevin & Roosevelt Aves., bet. Richmond Pullman Home Tract and 37th St., and 37th St., at intersection of Roosevelt Aves., incl. grade and pave with 8-in. Richmond Standard macadam; cem. conc. curbs, gutters, walks, wing walls and portals, catchbasins; corru. iron pipe; corru. iron and conc. culverts; vit. sewers; br. and concrete manholes. Other bids were: L. L. Page, $86,030.19, Downer & Mero, $81,623.04 and Geo. W. Cushing $75,877.51.

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
867	Hexberg	Owner	8000
868	Westerman	Backman	4000
869	Aytwater	Coburn	3000
870	Little	Same	10000
871	Monson	Owner	20000
872	Towne	Owner	2500
873	Anderson	Owner	3000
874	Sullivan	Wagner	12500
875	Robson	Malloch	45000
876	Gilmore	Owner	4850
877	Kiefer	Frasier	6000
878	Brickley	Meyer	4000
879	Mattus	Mann	1000
880	Hollett	Johnson	4000
881	Nagy	Erickson	3850
882	Terranova	Owner	16000
883	Meinberger	Owner	8000
884	Johnson	Owner	12000
885	Canepa	Owner	30002
886	Linderian	Owner	4500
887	Nelson	Owner	4000
888	R. C. Archbishop	Scott	2480
889	Dairy	Wilhelm	6897
890	Aldus	Leonard	6980
891	Kiefer	Frasier	6309
892	Henderson	Owner	2800
893	Nelson	Jensen	34370
894	Finegan	Owner	5600
895	Landsberg	Jones	5000
896	Meinberger	Owner	8000
897	Healy	Knabenshuh	1000
898	Masarie	DelFavero	8500
899	Galli	Owner	8500
900	Holden	Terry	9000
901	Hinman	Isaacson	3500
902	Hansen	Owner	15000
903	Samuels	Rintaul	4000
904	Feerick	Feerick	5000
905	Breitman	Same	7000
906	Same	Goldstein	3000
907	Healy	Knabenshub	1000
908	Davies	Todhunter	3000
909	Goodman	Sullivan	5700
910	Dayton	Hardy	10600
911	Dayton	Hardy	10275
912	Singer	Christensen	3250
913	Sethman	Thorinson	5300
914	Gumbinger	Brockhage	18680
915	Janssen	Owner	21000
916	O'Connell	Owner	3900
917	Saroff	Schell	35000
918	Hart	Johnson	12000
919	Fendall	Owner	3000
920	Lang	Owner	3500
921	R C Archbishop	Brown	1619
922	Rosinski	Pisboro	3000
923	Purcell	Owner	3000
924	Ahearn	Owner	3000
925	Bjorkman	Owner	3000
926	Holt	Owner	8000
927	Smith	Thomas	7000
928	McHugh	Hamill	2000
929	Cranow	Watson	6000
930	Kate	Owner	2000
931	Meyerstein	Fisher	4000
932	Jacobson	Owner	5000
933	Rice	O'Connor	2000
934	Purcell	Owner	3000
935	Same	Same	3500
936	Sethman	Morrison	7000
937	Sethman	Thorinsen	4000
938	Senner	Hamill	6000
939	Christiansen	Christiansen	8000
940	Plummer	Little	100000
941	Morris	Owner	4000
942	Morris	Owner	4000
943	Morris	Owner	15000
944	Schirmer	Nordstrom	1000
945	Eismer	Meyer	10000
946	Harder	Johnson	18000
947	Varney	Owner	12000
948	Sullivan	Wagner	21000
949	McCullough	Owner	10000
950	Greenbaum	Fisher	10000
951	Strand	Owner	10000
952	Vonder Weltern	Gallagher	13000
953	Sommer	Fink	5800
954	Same	Atlas	2165
955	Goodman	Sullivan	5700
956	Kung	Stevens	59830
957	SoRelle	Owner	2000
958	Gianaro	Carraro	2000
959	Hoelscher	Buschke	12000
960	Schell	Owner	8000
961	Olse	Owner	15000
962	Sivers	Meinberger	4500
963	Galli	Owner	9875
964	Costello	Owner	20000
965	Carlson	Buschke	4000
966	Saari	Owner	4000
967	Holland	Buhman	4750
968	Froment	Little	11800
969	Smith	Owner	8000
970	Shell Co.	Owner	1400
971	Hohvet	Owner	3000
972	Collins	Cook	1350
973	Gensler	Kulchar	2000
974	Schmidt	Kragen	1000
975	Cohen	Levi	6000
976	Pats	Becker	3000
977	O'Neill	Owner	14000
978	Hollinbery	Hardy	4000
979	Eskilson	Owner	9000
980	Carlson	Buschke	6011
981	Nelson	Jenson	34370
982	Sivers	Weinberger	9000
983	Montgomery	Owner	20000
984	Raqusa	Harder	10000
985	Murray	Meyer	16000
986	Johnson	Owner	20000
987	Smith	Owner	3000
988	Conway	Sullivan	3500
989	Cassidy	Stevenson	3800
990	Courtney	Fontanelli	6000
991	Halsen	Owner	3000
992	Edmonds	Meyer	6000
993	Boehm	Meyer	8000
994	Sontoloen	Meyer	4000
996	Milton	Owner	6100
997	Schubert	King	18000
998	Daneby	Mullane	2300
999	Holland	Protu	9200
1000	Rosenthal's	Schmid	2245
1001	Sethmann	Morrison	10200
1002	Van der Wettern	Galliher	14654

FLATS

(867) N ANZA 85 W 14th Ave. 2-story and basement frame (2) flats.
Owner—C. Hexberg, 286 Liberty St., San Francisco.
Architect—None. $8000

DWELLING

(868) W BANKS 50 S Jarboe. 1-story and basement frame dwelling.
Owner—August Westerman 228 Athens St., San Francisco.
Architect—None.
Contractor—Backman Bros., 124 Foerster St., San Francisco. $4000

ALTERATIONS

(869) W CAPP 200 N 22nd. Rebuild roof with 5-ply tar and gravel; glazing; whitewashing, etc., for garage.
Owner—W. F. Altvater, 2565 Mission St San Francisco.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. $3000

APARTMENTS

(870) E FIFTH AVE. 50 S Irving. 2-story and basement frame (4) apts.
Owner—John Little, 1035 Lincoln Way, San Francisco.
Architect—None.
Contractor — John Little & Son, 1035 Lincoln Way, S. F. $10,000

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

APARTMENTS
(871) N FILBERT 180-8 E Pierce. 3-story and basement frame (9) apts.
Owner—F. Monson, 1757 9th Ave., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco. $20,000

ALTERATIONS
(872) NO. 127 GRANT AVENUE. Reconstruct store front and mezzanine floor; construct stairways.
Owner—Town & Country Shoppe, care architect.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $2500

DWELLING
(873) NW GRAFTON AND CAPITOL Aves. 1-story and basement frame dwelling.
Owner—A. Anderson, 1031 Capitol Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3000

FACTORY
(874) SW HARRISON & TWENTY-second streets. 1-story & mezzanine floor concrete factory.
Owner—Walter H. Sullivan, Inc., Alexander Bldg., San Francisco.
Architect—None.
Contractor—George Wagner, Inc., 181 South Park St., S. F. $12,500

LAUNDRY
(875) W HARRISON, 220 S 20th. 2-sto. brick laundry.
Owner—K. Robson, Nevada Bank Bldg. San Francisco.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—J. S. Malloch, 180 Jessie St., San Francisco. $45,000

DWELLING
(876) SE RICHLAND AVENUE AND Murray St. 1-story and basement frame dwelling.
Owner—J. Gilmore, 83 College Ave., San Francisco.
Architect—None. $4850

DWELLING
(877) E SIXTEENTH AVE. 150 S Judah. 1-story and basement frame dwelling.
Owner—Harry N. Kiefer, 1766 Hayes St., San Francisco.
Architect—None.
Contractor—Frasier & Frasier, 180 Jessie St., San Francisco. $6000

DWELLING
(878) W TWENTY-THIRD AVE. 134 N Kirkham. 1-story and basement frame dwelling.
Owner—M. Brickley, 603 First Natl. Bank Bldg., S. F.
Architect—None.
Contractor—Meyer Bros., 603 First National Bank Bldg., S. F. $4000

DWELLING
(879) S Van Dyke Ave. 225 W Keith. 1-story and basement frame dwlg.
Owner—Andrew Mattus, 1885-A Howard St., San Francisco.
Architect—None.
Contractor—L. Mann, 549 Green St, San Francisco. $1000

DWELLING
(880) W CUVIER 100 N Bosworth. 1-story and basement frame dwelling
Owner—Leigh Hollett and May Hollett 20 Granada Ave., S. F.
Architect—None.
Contractor — Johnson & Erlendson, 1565 Jackson St., S. F. $4000

DWELLING
(881) EXCELSIOR 100 S MISSION. 1-story and basement frame dwelling
Owner—Dr. A. Nagy, —.
Architect—None.
Contractor — Henry Erickson, 1825 Church St., S F. $3850

APARTMENTS
(882) SE FREDERICK AND WILLard. Three-story and basement frame (7) apartments.
Owner—Charles Terranova, 431 London St., S. F.
Architect—None. $16,000

FLATS
(883) W FIFTEENTH AVE. 269 N Cabrillo. 2-story and basement frame (2) flats.
Owner—H. S. Meinberger, 5720 California St., S. F.
Architect—None. $8000

DWELLINGS
(884) W MIRAMAR 100 S Holloway. Three 1-story and basement frame dwellings.
Owner—Johnson & Erlendson, 1565 Jackson St., S. F.
Architect—None. $4000 each.

GARAGE
(885) STOCKTON AND PACIFIC STS. Two - story reinforced concrete public garage.
Owner—Vi Canepa, 1104 Nevada Bank Bldg., S. F.
Architect — Matthew O'Brien, Nevada Bank Bldg., S. F. $30,000

DWELLING
(886) W THIRTY-FOURTH AVE 100 N Balboa. 1-story and basement frame dwelling.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None. $4500

DWELLING
(887) E WAWONA 233 N Fourteenth Ave. 1-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, Inc., San Francisco.
Architect—None. $4000

STEAM HEATING
(888) N GEARY 82-6 E NINETH AVE. All work for steam heating system for Star of the Sea Rectory.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St, San Francisco.
Architect—John O. Lofquist, 1399 Tamalpais, Berkeley.
Contractor—Scott Co., 243 Minna St., San Francisco.
Filed Feb. 28, 1924. Dated Feb. 27, 1924
First of each month.....75%
Usual 35 days 25%
TOTAL COST, $2480.
Bond, Sureties, Forfeit, none. Limit, with all possible dispatch. Plans and Specifications filed.

BUILDING
(889) W LAPIDGE 150 N Nineteenth N 25xW 80. All work for two-story frame building.
Owner—Dairy Delivery Co, Inc., 3550 19th St., San Francisco.
Architect—Will H Toepke, 72 New Call Bldg., San Francisco.
Contractor—A. H. Wilhelm, 180 Jessie St., San Francisco.
Filed Feb. 28, '24. Dated Feb. 18, '24.
Building sheathed $2500
Completed and accepted..... 2672
Usual 35 days..... 1725
TOTAL COST, $6897
Bond, $3450. Sureties, D. J. Sullivan and N Andersen. Limit, 50 days. Forfeit, $10. Plans and specifications filed.
NOTE—Permit reported Feb. 18, 1924 No. 690.

BUILDING
(890) W NINETH 104 S Mission W 113 xS 25. All work except heating for reinforced concerte building.
Owner—Aldus Press Co., 95 9th St., San Francisco
Architect—John J. Foley, 770 5th Ave., aSn Francisco.
Contractor — John J. Leonard, 1158 Dolores St., San Francisco.
Filed Feb. 28, '24. Dated Feb. 18, '24.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $16,980
Bond, $8490. Sureties, Jos. McDermott and Jas. T. Conway. Limit, 120 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported Feb. 9, 1924 No. 539.

COTTAGE
(891) E SIXTEENTH AVE. 150 S Judah S 25 x E 127-6. All work for 1-story and basement frame cottage.
Owner—Harry L. & Nellie Kiefer, 1766 Hayes St., San Francisco.
Architect—None.
Contractor—Frasier & Frasier, 180 Jessie St., San Francisco.
Filed Feb. 28, 1924. Dated Feb. 27, 1924.
Frame up $1731.75
Brown coated 1000.00
Standing trim on 1000.00
Completed and accepted 1000.00
Usual 35 days 1577.25
TOTAL COST, $6309
Bond, Forfeit, none; Limit, 120 days after March 3; Plans and specifications filed.
NOTE—Permit applied for today.

RESIDENCE
S SANTA ANA AVE 324 E Portola Dr. Two-story and basement framt residence.
Owner—Dr. Lloyd Bryan, 60 Santa Monica Blvd., S. F.
Architect—Jos. Stewart. Claus Spreckels Bldg., San Francisco.
Contractor—M. C. Ingraham, 165 Fell St., San Francisco. $24,000
NOTE—Recorded contract rtporttd Feb. 26, 1924.

DWELLING
(892) W BLAKE 275 S Geary. One-story and basement frame dwlg.
Owner—J. Henderson, 161 Blake St., San Francisco.
Architect—None. $2800

APARTMENTS
(893) SE BUCHANAN AND HICKORY Three-story and basement frame (18) apartments.
Owner—A. L. Nelson, 500 Oak St., S. F.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—G. F. W. Jensen, 320 Market St., San Francisco. $34,370

DWELLINGS
(894) N COTTER 100 and 300 N Mission. Two one-story and basement frame dwellings.
Owner—J Finegan and Burney, 3344 Army St., San Francisco.
Architect—None. $2800 each

RESIDENCE
(895) E COLE 109 S 17th. Two-story and basement frame residence.
Owner—Mary Landsberg, 2901 Webster St., San Francisco.
Designer—A. J. Rushton, N. C.
Contractor—Thos. M. Jones, 3767 Army St., San Francisco. $5000

FRAME FLATS
(896) W FIFTEENTH AVE 269 N Cabrillo. Two-story and basement frame (2) flats.
Owner—H. S. Meinberger, 5720 California St, San Francisco.
Architect—None. $8000

DWELLING
(897) W FORTY-FIRST AVE 200 S Lincoln Way. One-story and basement frame dwelling.
Owner—Nolan & Quigley, 1599 8th Ave., San Francisco.
Architect—None. $3500

FRAME FLATS
(898) S FILBERT 87-6 E Leavenworth. Two-story and basement frame (2) flats.
Owner—V. Masarie, 1121 Wisconsin St., San Francisco.
Architect—None.
Contractor—J. Del Favero, 1361 Mason St., San Francisco. $8500

FRAME FLATS
(899) SW FILBERT AND FRANKLIN Two-story and basement frame (3) flats.
Owner—Angelo Galli, 1450 Polk St., San Francisco.
Architect—A. Fraschina, 1666 Lombard St., S. F. $8500

DWELLINGS
(900) N GRANVILLE WAY 470 and 500 E Claremont Blvd. Two one-story and basement frame dwlgs.
Owner—St. George Holden, 308 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Wm. L. Terry, 82 Allston Way, San Francisco. $4500 each

DWELLING
(901) E HOWARD 250 N 25th. One-story and basement frame dwlg.
Owner—O. E. Hinman, 412 Bartlett St., San Francisco.
Architect—None.
Contractor — Isaacson & Nylund, 412 Bartlett St., S. F. $3500

DWELLINGS
(902) E SAN JOSE AVE 115, 140, 165, 190 and 215 N Santa Rosa Ave. Five one-story and basement frame dwellings.
Owner—Walter E. Hansen. 1919 San Jose Ave., San Francisco.
Architect—None. $3000 each

DWELLING
(903) E TWENTY-SIXTH AVE 150 N Cabrillo. One-story and basement frame dwelling.
Owner—Louis G. Samuels, 3003 Fillmore St., San Francisco.
Architect—None.
Contractor—Ben D. Rintaul, 522 Connecticut St., San Francisco. $4000

DWELLING
(904) NE TWENTY-FIFTH AVE AND Fulton. Two-story and basement frame dwelling.
Owner—B. Feerick, 253 Downey St., San Francisco
Designer—B. Peerick, 253 Downey St., San Francisco.
Contractor—Bryan Feerick, 253 Downey St., San Francisco. $5000

FLATS
(905) E BAKER 67-6 W 16TH AVE. 2-story and basement frame (2) flats.
Owner—Max and Mildred Breitman, 2735 Clay St., S. F.
Architect—M. A. Breitman, 2735 Clay St., S. F. $7000
Contractor—Max Breitman, 2735 Clay St., S. F. $7000

DWELLING
(906) W EIGHTEENTH AVE. 75 S Noriega. 1-story and basement frame dwelling.
Owner—Max and Mildred Breitman, 2735 Clay St., S F.
Architect—M. A. Breitman, 2735 Clay St., S. F.
Contractor—Louis Goldstein, 41 Sutter St., S. F. $3600

ALTERATIONS
(907) 1574 DOLORES ST. Enlarge 2 front rooms; construct new vestibule and remodel front.
Owner—W. F. Healy, 1574 Dolores St., San Francisco.
Architect—Plans by Contractor.
Contractor — George Knabenshuh, 97 Holloway Ave, S. F. $1000

DWELLING
(908) 197 LOWER TERRACE. 1-sto. and basement frame dwelling.
Owner—Mrs. Kate S. Davies, 197 Lower Terrace, S. F.
Architect—None.
Contractor — Geo. C. Todhunter, 1088 Ashbury St., S. F. $3000

ALTERATIONS
(909) N POST 136-6 W Powell. Shoring and underpinning with brick west wall of six story hotel.
Owner—Daniel Goodman, Pacific Bldg., San Francisco.
Architect—George A. Applegarth, 1800 Claus Spreckels Bldg., S F.
Contractor—D. J. & T. Sullivan, Inc., 1940 Folsom St., S. F. $5700

BUILDING
(910) E TWENTY-SEVENTH AVE 50 N California E 70xN 25. Two-story and basement frame building
Owner—Lillie L. Dayton, Premises.
Architect—None.
Contractor—A. M. Hardy, 518 25th St., San Francisco.
Filed Feb. 29, '24. Dated Jan. 21, '24
Frame up $2650
Brown coated 2650
Completed 2650
Usual 35 days..... 2650
TOTAL COST, $10,600
Bond, $5300. Surety, Fidelity & Deposit Co. of Maryland. Limit, 120 days after Jan. 30, 1924. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported Feb. 2, 1924, No. 426

BUILDING
(911) E TWENTY-SEVENTH AVE 75 N California E 70xN 25. All work for two-story and basement frame building.
Owner—Lillie L. Dayton, Premises.
Architect—None.
Contractor—A. M. Hardy, 518 25th St., San Francisco.
Filed Feb. 29, '24. Dated Jan. 28, '24.
Frame up $2568.75
Brown coated 2568.75
Completed and accepted..... 2568.75
Usual 35 days..... 2568.75
TOTAL COST, $10,275.00
Bond, $5137.50. Surety, Fidelity & Deposit Co of Maryland. Limit, 120 days after Jan. 30, 1924. Forfeit, none. Plans and specifications filed.
NOTE:—Permit reported Feb. 2, 1924

BUILDING
(912) NW POST AND PIERCE. All work for painting building.
Owner—E. Singer.
Architect—E A. Neumarkel, 544 Market St., San Francisco.
Contractor — Metzner & Christensen, 440 Grove St., San Francisco.
Filed Feb. 29, '24. Dated Feb. 28, '24.
2 coats of paint on.....$1000
Completed and accepted..... 1430
Usual 35 days..... 820
TOTAL COST, $3250
Bond, none. Limit, 25 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported Jan. 2, 1924, No. 279.

FRAME BLDG.
(913) S TWENTIETH 122-6 E Mission E 65 S 55 E 22-6 S 10 W 47-6. All work for 1-sto. and basement frame bldg.
Owner—Catherine Sethman, 55 Sycamore, S. F.
Architect—Chas. F. Strothoff, 2274 15th St., S. F.
Contractor — Thorinson & Stoneson Bros
Filed Feb. 29, 1924. Dated Feb. 28, 1924.
Roof on $1325
White coated 1325
Completed and accepted 1325
Usual 35 days 1325
TOTAL COST, $5300
Bond, Suretics, Forfeit, none Limit 90 days after March 1, 1924. Plans and Specifications filed.

FLATS
(914) NW FIFTEENTH AND Guerrero N 30 x 70. All work for 3-sto. frame bldg (3 flats).
Owner—John Sumbinger, 147A Stillman St., S. F.
Architect—None.
Contractor—Brockage & Foley, 1326 Natoma St, S. F.
Filed Feb. 29, 1924. Dated Feb. 27, 1924
2nd floor joists in place.....$3500
Enclosed 3500
1st coat plaster on 3500
Completed 3500
Usual 35 days 4680
TOTAL COST, $18,680
Bond, $9340. Sureties, F. La Torres, D. O. Gruffel. Forfeit, none. Limit 90 days. Plans and Specification filed.

FRAME FLATS
(915) N CALIFORNIA 25, 50 and 75 W Locust. Three two-story and basement frame flats (2 flats in each building.)
Owner—E. A. Janssen, Hearst Bldg., San Francisco.
Architect—None. $7000 each

DWELLING
(916) NW HOLLOWAY & PLYMOUTH One-story and basement frame dwelling.
Owner—D A. O'Connell, 1115 Plymouth Ave., San Francisco.
Plans by Owner. $3900

MFG. PLANT.
(917) E HOWARD 22-5½ S Thirteenth Two-story brick and steel manufacturing plant.
Owner—M. Saroff, % Contractor.
Architect—None.
Contractor—Samuel Schell, 180 Jessie St., San Francisco. $35,000

DWELLING
(918) NW LAKE AND TWENTY-second Ave. Two-story and basement frame dwelling.
Owner—Mrs. Nettie H Hart.
Architect—Louis M. Upton, 454 Montgomery St., San Francisco.
Contractor—Louis Johnson, 2260 19th Ave., San Francisco. $12,000

DWELLING
(919) E THIRTY-FIFTH AVE 125 S Clement. One-story and basement frame dwelling.
Owner—E. L. Fendall, 492 28th Ave., San Francisco.
Plans by Owner. $3000

OFFICE
(920) N ULLOA 25 W Claremont Blvd. Two-story frame office.
Owntr—Lang Realty Co., 219 First National Bank Bldg., S. F.
Architect—H. Stoner, 219 First Nat'l. Bank Bldg., S. F. $3500

RECTORY
(921) N GEARY 82-6 E Ninth. Electric wiring for Star of the Sea Rectory.
Owner — The Roman Catholic Archbishop, 1100 Franklin St., S. F.
Architect—John Ohofquist.
Contractor — Brown Langlais Electrical Constr. Co
Filed Mar. 1, '24. Dated Feb. 28, '24.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $1619
Bond, $809.50 Surety, New Amsterdam Casualty Co. Limit, forfeit, none. Plans and specifications filed.

BUILDING
(922) W GATES 200 N Cortland Ave. 25x70. All work for building.
Owner—Julius Kosinski, 122 Gates St., San Francisco.
Architect—None.
Contractor—Frank Pisbora.
Filed Mar. 1, '24. Dated Oct. 2, '23.
Building started .....$ 500
Basement floor done..... 500
Roof on 500
Plaster on 500
Completed 1000
TOTAL COST, $3000
Bond, limit, forfeit, plans and specifications, none.

DWELLING
(923) N ANZA 75 E 37th Ave. One-story and basement frame dwelling
Owner—J. S. Purcell, 850 Presidio Ave., San Francisco.
Architect—None. $3000

DWELLING
(924) NE ALLISON 200 SE Cross. One-story and basement frame dwelling.
Owner—Esther Ahearn, 1385 Pine St., San Francisco.
Architect—Chas. Gust, 41 Shakespear St., San Francisco. $3000

DWELLING
(925) N BRUNSWICK 78 SE Guttenberg. One-story and basement frame dwelling.
Owner—Victor Bjorkman, 4539 Mission St., San Francisco.
Architect—None. $3000

DWELLINGS
(926) S BALBOA 68, and 94 W 25th Ave. Two one-story and basement frame dwellings
Owner—O. C. Holt, 543 21st Ave., S. F.
Architect—None. $4000 each

FRAME FLATS
(927) N BALBOA 75 W 27th Ave. Two-story and basement frame (2) flats.
Owner—Bert J. Smith, 844 Dolores St., San Francisco.
Architect—None.
Contractor—J. C. Thomas, 1421 Balboa St., San Francisco. $7000

STORE
(928) NW BALBOA AND THIRTY-fourth Ave. One-story frame store
Owner—Frank McHugh, 474 17th Ave., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $2000

FRAME FLATS
(929) S CALIFORNIA 105 W 17th Ave Two-story and basement frame (2) flats.
Owner—M. Cranow.
Architect—None
Contractor—G. E. Watson, 581 45thAv., San Francisco. $6000

DWELLING
(930) N FARALLONES 250 E Capitol. One-story and basement frame dwelling.
Owner—Mrs. Ruth Kate, 216 Minerva St., San Francisco.
Architect—W. F. Harris, 187 Farallones St., San Francisco. $2000

DWELLING
(931) SW GARCIA AND EDGEHILL Way. One-story and basement frame dwelling.
Owner—A. L. Meyerstein, 311 California St., San Francisco.
Architect—None.
Contractor—M. Fisher, 711 Mission St., San Francisco. $4000

DWELLINGS
(932) W LEE AVE 125 and 150 S Grafton Two one-story and basement frame dwellings
Owner—Alfred Jacobson, 767 Minna St., San Francisco.
Architect—Carl O. Lindberg 478 32nd Ave., San Francisco. $2500 each

DWELLING
(933) E SOMERSET bet. Felton and Silliman. One-story and basement frame dwelling.
Owner—Fred Rice, 657 Natoma St., San Francisco.
Designer — Edward J. O'Connor, 346 Woolsey St., San Francisco
Contractor—Edward J. O'Connor, 346 Woolsey St., San Francisco. $2000

DWELLING
(934) E THIRTY-SEVENTH AVE 25 N Anza One-story and basement frame dwelling.
Owner—J. S. Purcell, 850 Presidio Ave San Francisco.
Architect—None. $3000

(935) NE THIRTY-SEVENTH AVE. & Anza One-story and basement frame dwelling.
Owner—J. S. Purcell, 850 Presidio Ave San Francisco.
Architect—None. $3500

FRAME FLATS
(936) S TWENTIETH 180 E Church. Two-story and basement frame (2) flats.
Owner—Mr. and Mrs. C. J. Sethman, 55 Sycamore St., San Francisco.
Architect—Chas F. Strothoff, 2274 15th St., San Francisco.
Contractor—J. Morrison, 2332 21st St., San Francisco. $7000

(937) S TWENTIETH 122-6 E Mission One-story and basement frame dwelling.
Owner—Catherine Sethman, 55 Sycamore St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor — Thorinson & Stoneson Bros, 2329 Sacramento St., San Francisco. $4000

FRAME FLATS
(938) S LINCOLN WAY 82-6 E 13th Ave. Two-story and basement frame (2) flats.
Owner—Wm. Senner, 755 25th Ave., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $6000

APARTMENTS
(939) S TURK 165 E Scott. Two-story and a basement frame (4) apartments.
Owner—H. C. Christiansen, 518 25th Ave, San Francisco.
Architect—None.
Contractor—Christiansen Bros., 518 25th Ave., S. F. $8000

(940) NW TURK AND JONES. Six-story and basement Class C (48) apartments.
Owner—W. A. Plummer, % Contractor.
Architect—Edward E. Young, 2002 California St., San Francisco.
Contractor—M. A. Little, 535 Geary St., San Francisco. $100,000

DWELLING
(941) W HEARST AVE 153 N Holloway. One-story and basement frame dwelling.
Owner—G. W. Morris, 152 Judson Ave., San Francisco.
Architect — G. W. Morris, 152 Judson Ave., San Francisco. $4000

DWELLING
(942) W HEAD 38 N Holloway. One-story and basement frame dwlg.
Owner—G. W Morris, 152 Judson Ave., San Francisco.
Architect — G. W. Morris, 152 Judson Ave., San Francisco. $4000

DWELLINGS
(943) NE URBANO DRIVE AND DE Soto.
SW URBANO DR. & DE SOTO.
NW URBANO DR. & DE SOTO
Three one-story and basement frame dwellings.
Owner—G. W Morris, 152 Judson Ave., San Francisco.
Architect — G. W. Morris, 152 Judson Ave., S. F. $5000 each

ADDITION
(944) NO. 7949 GEARY. Add sun porch to residence.
Owner—Capt. Schirmer, Premises.
Architect—Wm. Schirmer, 1079 Excelsior Ave., Berkeley.
Contractor—D Nordstrom, 4126 Emerald Ave., Berkeley. $1000

RESIDENCE
(945) LOT 17 BLK 1326 Sea Cliff Tct. (Camino Del Mar). Two-story and basement frame residence.
Owner—Norman Eismer, % Architect.
Architect—Baumann & Jose ,251 Kearny St., San Francisco.
Contractor—Meyer Bros., 1st National Bank Bldg., S. F $10,000

APARTMENTS
(946) W STANYAN 160 E Parnassus. Two-story and basement frame (10) apartments.
Owner—John C. Harder, Cadillac Hotel San Francisco.
Architect—None.
Contractor—Joel Johnson & Son, 180 Jessie St., San Francisco. $18,000

DWELLINGS
(947) LOT 28 BLK 2920 West Portal Park (Forestside Ave.)
LOT 29 BLK 2920 West Portal Park (Forestside Ave.) Two one-story and basement frame dwlgs.
Owner—F W. Varney, 860 Bush St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $6000 each

STORE
(948) S HOWARD 158-4 W Fifth, Two-story concrete store.
Owner—Walter H. Sullivan, Inc., Alexander Bldg., San Francisco.
Architect—None.
Contractor—Geo. Wagner, Inc, 181 South Park St., S. F. $21,000

APARTMENTS
(949) E FIFTH AVE 212-6 S Parnassus. Two-story and basement frame (4) apartments.
Owner—W. R. McCullugh, 4011 18th St., San Francisco.

RESIDENCE
(950) W SAN BENITO 65 S San Anselmo Ave. Two-story and basement frame residence.
Owner—Elsie Greenbaum, 1359 Ellis St, San Francisco.
Architect—None.
Contractor—M. Fisher, 711 Mission St., San Francisco. $10,000

APARTMENTS
(951) N FRANCISCO 95 W Octavia. Two-story and basement frame (4) apartments.
Owner—Strand & Strand, % Architect.
Architect — Baumann & Jose, 251 Kearny St., S. F. $10,000

APARTMENTS
(952) SW TARAVAL AND TWENTY-fourth Ave. Two-story and basement frame (1) apartments.
Owner—Henry von der Wettern, 410 Jersey St., San Francisco.
Architect — C. E. Gottschalk, Phelan Bldg., San Francisco.
Contractor—Roy Gallagher, 1327 Taraval St., San Francisco. $13,000

CLASS C BLDG.
(953) SW MAIDEN LANE and GRAND Ave. All work for concrete, carpentering, lathing, plastering, mill work, glazing, painting, plumbing, sewering, electric wiring, stairs, roofing, for alterations to class C bldg.
Owner—Sommer & Kaufman Inc., 119 Grant Ave., S. F.
Architect—Will H. Toepke, New Call Bldg., S. F.
Contractor—Fink & Schindler, Inc., 218 13th St., S. F.
Filed March 3, 1924. Dated Feb. 27, 1924
1st & 15th each month 75%
Usual 35 days 25%
TOTAL COST, $5800
Bond, Sureties, none. Forfeit, $25.00. Limit, April 1, 1924. Plans and Specifications filed.
NOTE—Permit reported Feb. 28, 1924, No. 851.

(954) FOR RELOCATING ELEVATOR etc., on above.
Contractor—Atlas Elevator Co., Call Bldg., S. F.
Filed March 3, 1924 Dated Feb. 27, 1924
Completed and accepted $2165
TOTAL COST, $2165
Bond, Sureties, none. Forfeit, $25 00. Limit, April 1, 1924. Plans and Specifications filed.

SHORING, ETC.
(955) N POST 136-6 W Powell N 137-6 x W 24.4½. All work for shoring and underpinning of westerly wall of building.
Owner—Carrie, Daniel and Leon Goodman, 2195 Sacramento St., S. F.
Architect — G. A Applegarth, Claus Spreckels Bldg., S. F.
Contractor—D. J. & T. Sullivan Inc., 1942 Folsom St., S. F.
Filed March 3, 1924. Dated, ——.
1st of each month 75%
Usual 35 days 25%
TOTAL COST, $5700
Bond, $2850. Sureties, National Surety Co. Forfeit, Limit, none. Plans and Specifications filed.

ELECTRIC SIGN, ETC.
(956) SW GRANT AVE. and Commercial St. S 120 x E 89. All work except elevator, electric sign on corner and electric light fixtures for alterations and addition to 3 4-story and basement brick bldgs.
Owner — Kung Wo Ins., 708 Grant Ave., S. F.
Architect—Sidney B. and Noble Newsom, Nevada Bank Bldg., S. F.
Contractor—W. J. Stevens, 180 Jessie St., S. F.
Filed March 3, 1924. Dated Feb. 18, 1924
1st of each month 75%
Usual 35 days 25%
TOTAL COST, $59830
Bond, $29,915. Sureties, Chas. H. Hock and L. B. Sibley. Forfeit, $20. Limit 120 days. Plans and Specifications filed.

DWELLING
(957) E ALLISON 225 N Cross, 1-story and basement frame dwelling.
Owner—Lee E. SoRelle, 115 Allison St. San Francisco.
Architect—None. $2000

DWELLING
(958) SW BACON AND SOMERSET Sts. 1-story and basement frame dwelling.
Owner—Adolfo Gianaro, 405 Holyoke St., San Francisco.
Archt. & Contr.—G. Garraro, 750 Fulton St., S. F. $2000

BUILDING
(959) SW BRYANT AND SEVENTH Streets. 1-story & mezzanine floor class C building.
Owner—Victor F. Hoelscher, care Daniel Rosenblum, 604 Mission St., S. F.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco.
Contractor—Buschke and Brown, 604 Mission St., S. F. $12,000

LIGHT MFG. PLANT
(960) N BRYANT 181 E 9th. 1-story and mezzanine floor brick light manufacturing plant.
Owner—Samuel Schell, 180 Jessie St., San Francisco.
Architect—None. $8000

APARTMENTS
(961) E DOLORES 57-6 S Hildago Terrace. 3-story & basement frame (5) apartments.
Owner—Captain G. Olsen, 110 Sutter St San Francisco.
Architect—A. J. Horstmann, 110 Sutter St., San Francisco. $15,000

DWELLING
(962) E FIFTEENTH AV. 216 S Anza. 1-story and basement frame dwlg.
Owner—Emma West Sivers, 5212 California St., San Francisco.
Architect—None.
Contractor — H. S. Meinberger, 5720 California St., S. F. $4500

APARTMENTS
(963) N FILBERT 165 W Octavia. 2-story and basement frame (4) apartments.
Owner — Joe & William Galli and V. Maffei. 1230 Chestnut St., S. F.
Architecet—None. $9875

APARTMENTS
(964) NE GEARY AND TWENTY-ninth Avenue. 3-story and basement (12) apartments.
Owner—Costello Bros., 821 34th Ave., San Francisco.
Architect—None. $20,000

BUILDING
(965) N HOWARD 75 W 7th. 1-story & mezzanine floor reinforced concrete building.
Owner—Mrs. Evelyn Carlson, 604 Mission St., San Francisco.
Architect—None.
Contractor—Buschke and Brown, 604 Mission St., S. F. $4000

DWELLING
(966) E SAN BRUNO AV. 100 N Wayland. 1-story and basement frame dwelling.
Owner—S. Saari, 155 Brussels St., S. F.
Architect—None. $4000

DWELLING
(967) W TWENTIETH AVE. 150 N Taraval. 1-story & basement frame dwelling.
Owner—J. L. Holland, Mills Bldg., San Francisco.
Architect—None.
Contractor—Buhman and Riveis, 222 Phelan Bldg., S. F. $4750

FLATS
(968) W TWENTY-THIRD AVE. 195 S California. 2-story and basement frame (2) flats.
Owner—Mr. Fremont, 235 23rd Ave., San Francisco.
Architect—None.
Contractor—John Little & Son, 1035 Lincoln Way, S. F. $11,800

DWELLINGS
(969) E THIRTY-FOURTH AVE. 75 S Lincoln Way. 1-story and basement frame dwellings.
Owner—Byrd O. Smith, 247 Montgomery St., San Francisco.
Architect—None. $4000 each

SERVICE STATION
(970) NE VALENCIA AND FOURteenth Streets. 1-story steel service station.
Owner—Shell Co. of Calif., 343 Sansome St., San Francisco.
Plans by owner. $1400

DWELLING
(971) 513 GATES STREET. 1-story and basement frame dwelling.
Owner—Seraphin Hohvet, 178 Putnam St., S. F.
Architect—None. $3000

ALTERATIONS
(972) 2518 FILLMORE ST. Remodel residence for apartments
Owner—Fred Collins, 2518 Fillmore St., S. F.
Architect—T. W. Jose, 1010 Fell St., San Francisco.
Contractor—Cook & Casselman, 2038 Sutter St., S. F. $1350

ALTERATIONS
(973) 818 MARKET ST. Construct new store front; marble work, etc.
Owner—Gensler-Lee, 818 Market St., San Francisco.
Architect—None.
Contractor—S. Kulchar & Co., 8th Ave. and E-10 St., Oakland. $2000

ALTERATIONS
(974) 959 MARKET ST. Extend show windows, construct stairs to mezzanine floor.
Owner—Theo. Schmidt, 959 Market St., San Francisco.
Architect—C. S. McNally, 661 Golden Gate Ave., S. F.
Contractor—Louis Kragen, 661 Golden Gate Ave., S. F. $1000

ALTERATIONS
(975) 2045 MISSION ST. Remodel store front.
Owner—A. Cohen Furniture Co., 2045 Mission St., S. F.
Architect—None.
Contractor—S. Levi, 243 7th Ave., S. F. $6000

ALTERATIONS
(976) 2845 MISSION ST. Alterations and additions for store.
Owner—J. Pate, —.
Architect—None.
Contractor—H. A. Becker & Son, 3444 22nd St., S. F. $3000

MACHINE SHOP
(977) SE NATOMA 275 SW Third St. 2-story and basement reinforced concrete class C machine shop.
Owner—Daniel O'Neill, 273 Minna St., San Francisco.
Architect—J. E. Krafft & Sons, Phelan Bldg., S. F. $14000

DWELLINGS
(978) W THIRTY-SIXTH AVE., 50, 75, 325, 350 N Fulton. Four 1-story and basement frame dwellings.
Owner—W. V. Hollingbery, Jr., prem.
Architect—A. M. Hardy, 518 24th Ave., San Francisco.
Contractor—A. M. Hardy, 518 24th Ave. San Francisco. $4000 each.

(979) S UNION 112-6 E Pierce. Two-story and basement frame (4) apartments.
Owner—F. A. Eskilson, 1540 Baker St., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $9000

CONCRETE BLDG.
(980) N HOWARD 75 W 7TH 25 x 90. All work except electrical work for 1-story and mezzanine class C reinforced concrete bldg.
Owner—Mrs. Evelyn Carlson.
Architect—None.
Contractor — Buschke & Brown, 604 Mission St., S. F.
Filed March 4, 1924. Dated Feb. 29, 1924
Concrete wall poured $2254.25
Completed and accepted .... 2254.
Usual 35 days 1502.75
TOTAL COST, $6011
Bond, Sureties, Forfeit, none. Limit 40 days. Plans and Specifications filed.

APARTMENTS
(981) SE BUCHANAN AND HICKORY, Ave. S 55 E 43 N 4 E 11.1⅝ N 2 E 11-3 N 15-11 E 17-1⅝ N 33 W 82-6. All work except plumbing, heating, painting, electric, wall beds, light fixtures and finish hardware for 3-story and basement apartment bldg.
Owner—A. L. Nelson, 500 Oak St., S. F.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—G. P. W. Jensen, 320 Market St., S. F.
Filed March 4, 1924. Dated Feb. 28, 1924
Frame up $8592
Brown coated 8592
Completed and accepted 8592
Usual 35 days 8592
TOTAL COST, $34370
Bond, Sureties, none. Forfeit, $10. Limit, 120 days. Plans and Specifications filed.

RESIDENCE
(982) E FIFTEENTH AVE. 216 S Anza S 48 x E 127-6. All work for 1-story and garage frame residence.
Owner—Emma W. Sivers.
Architect—None.
Contractor—H. S. Meinberger, 5720 California St., S. F.
Filed March 4, 1924. Dated March 3, '24
Rough frame up $2250
Brown coated 2250
Completed and accepted 2250
Usual 35 days 2250
TOTAL COST, $9000
Bond, Sureties, Forfeit, none. Limit, 105 days. Plans and Specifications filed.

APARTMENTS
(983) N BROADWAY 92 W Hyde. Three-story and basement frame (12) apartments
Owner—E. J. Montgomery, 1320 Broadway, San Francisco.
Architect—None. $20,000

FRAME FLATS
(984) N CHESTNUT 164 W Van Ness Ave. Two-story and basement frame (2) flats.
Owner—M. Raqusa, 431 Broadway, San Francisco.
Architect—Paul De Martini, 946 Broadway, San Francisco.
Contractor—John Harder, 870 39th Ave. San Francisco. $10,000

(985) E LARKIN 87-8½ S Greenwich. Three-story and basement frame (3) flats.
Owner—J. A. Murray, 278 Post St, San Francisco.
Architect—Masten & Hurd, 278 Post St. San Francisco.
Contractor—Meyer Bros., 603 1st Nat'l. Bank Bldg., San Francisco. $1600

APARTMENTS
(986) S WASHINGTON 68-9 and 123-9 E Jones. Two three-story and basement frame apartments (12 apartments in each building).
Owner—Axel A Johnson, % Architect.
Architect—Baumann & Jose, 251 Kearny St, San Francisco. $20,000 ea

DWELLING
(987) W LISBON 100 S Italy. One-story and basement frame dwlg.
Owner—Ernest J. Smith, 673 London St. San Francisco.
Plans by Owner. $3000

STORE
(988) E MISSION 25 S Twenty-fifth. One-story frame store.
Owner—James F. Conway, 842 Dolores St., S. F., and Thos. F. Syne, 2856 Mission St., San Francisco.
Architect—None.
Contractor—C. G. Sullivan, 318 2nd Ave., San Francisco. $3500

DWELLING
(989) W MISSISSIPPI 100 S 19th St. One-story and basement frame dwelling.
Owner—R. F. Cassidy, 420 Iowa St., San Francisco.
Architect—E. Williams, 1039 Broadway San Francisco.
Contractor—L. H. Stevenson, 45 Worth St., San Francisco. $3800

FRAME FLATS
(990) W SANCHEZ 30 N Fourteenth. Two-story and basement frame (2) flats.
Owner—D. C. Courtney, 1014 Treat Ave. San Francisco.
Architect — A. W. Richardson, 941 Church St., San Francisco.
Contractor—Fontanella & Teza, 41 Sheridan St., S. F. $6000

DWELLING
(991) W TWENTY-THIRD AVE 175 S Taraval. One-story and basement frame dwelling.
Owner — Halsen & Sioblom, 37 Fair Ave., San Francisco.
Architect—None. $3000

DWELLINGS
(992) E THIRTY-EIGHTH AVE 25 and 50 S Anza. Two one-story and basement frame dwellings.
Owner—J. W. Edmonds, 603 1st Nat'l. Bank Bldg., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 1st Nat'l. Bank Bldg., S. F. $3000 each

DWELLINGS
(993) E FORTY-FIRST AVE 125 and 150 S Geary. Two one-story and basement frame dwellings.
Owner—M. Boehm, 603 1st Nat'l. Bank Bldg., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 1st Nat'l. Bank Bldg., S. F. $4000 each

DWELLING
(994) W FORTY-SIXTH AVE 210 S Balboa. One-story and basement frame dwelling.
Owner—N. Santoloen, 603 1st National Bank Bldg., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 1st Nat'l. Bank Bldg., S. F. $4000

DWELLING
(995) W 29TH AVE 275 S Balboa. 1-story and basement, frame dwlg.
Owner—Wm. A. Miller, 671 27th Ave., San Francisco.
Architect None. $3000

DWELLING
(996) E THIRTY-EIGHTH AVE. 125 N Cabrillo. 1-story and basement frame dwelling.
Owner—C. J. Milton, 375 22nd Ave., San Francisco.
Architect—Philip Schwerdt, 2920 Jackson St., S. F.
Contractor—C. J. Milton, 375 22nd St., San Francisco. $6100

APARTMENTS
(997) W FILLMORE 120-3 N Haight. 3-story and basement frame (9) apartments.
Owner—O. E. Schubert and W. S. King, 215 Hearst Bldg., S. F.
Architect—J. C. Hladik, Monadnock Bldg., S. F.
Contractor—W. S. King, Hearst Bldg., San Francisco. $18000

BUNGALOW
(998) E ANDOVER AVE. All work for frame bungalow.
Owner—John S. and Elizabeth A. Denahy.
Architect—None.

Contractor—J. J. Mullane, 3226 Mission St., S. F.
Filed March 5, 1924. Dated Feb. 10, 1924
Payments not given.
TOTAL COST, $2300
Bond, Forfeit, Sureties, Limit, none. Plans and Specifications not filed.

RESIDENCE
(999) LOT 27 BLK 4 FOREST HILL 2-story and basement frame residence.
Owner—Jennie A. & Charles J. Holland.
Architect—Charles F. Strothoff, 2274 15th St, San Francisco.
Contractor—J. Prout, 515 Magellan, San Francisco.
Filed Mar. 5, '24. Dated Feb. 18, '24.
Rf. sheathing on $2300
Brown coated 2300
Com. and accepted 2300
Usual 35 days 2300
TOTAL COST, $9200
Bond, $4600. Sureties, F. H. Martell & Geo. H. Jovick. Forfeit, none. Limit, 90 days. Plans and Specifications filed

STORE
(1000) NO. 241 GEARY. Plumbing and steam heating for store
Owner—Rosenthal's Inc., 151 Post St., San Francisco.
Architect—Alfred H. Jacobs, 110 Sutter St., San Francisco.
Contractor—Gilley Schmid Co., 198 Otis St., San Francisco.
Filed Mar. 5, '24. Dated Mar. 3, '24
Completed and accepted.....$1683.75
Usual 35 days 561.25
TOTAL COST, $2245.00
Bond, $1122.50. Surety, Harry Mank & Wm. Sperry Limit, forfeit, none. Plans and specifications filed.
NOTE—Permit reported Feb. 19, 1924 No. 675.

FLAT BLDG.
(1001) S TWENTIETH 180 E Church E 25 xS 114 MB 88. All work for 2-story and basement frame flat bldg.
Owner—Charles J. and Nellie F. Sethmann, 55 Sycamore St, S. F.
Architect—Chas. F. Strothoff, 2274 15th St., S. F.
Contractor — John R. Morrison, 2332 21st St., S. F.
Filed March 5, 1924. Dated Mar. 1, 1924
Payments for cost of labor and material as work progresses.
TOTAL COST—Not to exceed $10,200 including $400 to contractor.
Bond, Sureties, Forfeit, Limit, none. Plans and Specifications filed.

APARTMENTS
(1002) SW TWENTY-FOURTH AVE. and Taraval S 100 x W 32-6. All work for 2-story and basement frame bldg. (4) apartments
Owner—Henry Von der Wettern, 410 Jersey St., S. F.
Architect—Charles E. Gottschalk, Phelan Bldg., S. F.
Contractor—Roy Galliher, 3650 Mission St., S. F.
Filed March 5, 1924. Dated Feb 21, 1924
Frame up $3663.50
Completed 3663.50
Completed and accepted 3663.50
Usual 35 days 3663.50
TOTAL COST, $14,654
Bond, $7329. Sureties, Daniel McSweeney, H. S. Thompson. Forfeit, none. Limit, 120 days. Plans and Specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Feb. 28, '24—S HARRINGTON 400 W Mission 25 x 100. Jos. Covelle to whom it may concern...Feb. 28, 1924

Feb. 28, 1924—W SANCHEZ 30 N Jersey N 26 x W 101-9. Andrew V. Johanson to whom it may concern .....Feb. 28, 1924

Feb. 28, '24—N JACKSON 35 W Laurel N 127-8¼ W 37-6 S 127-8¼ E 37-6. Mrs Harold L Zellerbach to Conlan Bros., Baldacci & Caddini, California Electric Construction Co. .....Feb. 27, 1924

Feb. 28, 1924—N LOMBARD 100 W Van Ness Ave 25 x 137-6. Peder P. Johnson to whom it may concern.. .....Feb. 28, 1924

Feb. 28, 1924—W ELEVENTH AVE 200 S Cabrillo S 25 x W 120. H. O. Lindeman to W. R. Lindeman.... .....Feb. 28, 1924

Feb. 28, 1924—W GOUGH 87-6 S Francisco S 25 x W 112-6. W. B. & Allen Larkins to Meyer Bros..... .....Feb. 27, 1924

Feb. 28, 1924—NE SUTTER & LARKIN N 87-6 x E 57-6. Peter Bradley & J. E. Connell to Fennel & Chisholm .....Feb. 25, 1924

Feb. 28, 1924—LOT 26 BLK 6468-A Harder & Daniels Mission Tr. Victor Holmgren to whom it may concern ....Feb. 14, 1924

Feb. 28, 1924—S EIGHTEENTH 75 W Valencia 55x70. A. H. Beetham to whom it may concern..Feb. 21, 1924

Feb. 28, 1924—W MOSCOW 95.114 S Amazon W 100xN 25 Ptn Lots 24 to 27 Blk 19, Crocker Amazon Tract. Crocker Estate Co to whom it may concern. .....Feb. 19, 1924

Feb 28, 1924—SE 3 FT. LOT 13 and NW 22 ft. Lot 14 Blk 6449, Crocker Amazon Tract Sub No. 2. Crocker Estate Co to whom it may concern .....Feb. 19, 1924

Feb. 28, 1924—LOT 10 BLK 6417; Lots 22 and 23 Blk 6442; Lot 20 Blk "M" Additions to Castro St. Addition & Glen Park Terrace. Crocker Est Co to whom it may concern.... .....Feb. 19, 1924

Feb. 28, 1924—E VAN NESS AVE 163-3 N Broadway 30x110. Dr F C Keck to whom it may concern... .....Feb. 26, 1924

Feb. 28, 1924—SE 9 FT. LOT 15 and NW 16 ft. Lot 16 Blk 6449, Crocker Amazon Tract Sub. 2. Crocker Est Co to whom it may concern.... .....Feb. 19, 1924

Feb. 28, 1924—NE FRANKLIN AND Washington N 60-8¼x96. Grace Perego to whom it may concern... .....Feb 25, 1924

Feb. 28, 1924—LOT 11 BLK 6416 Crocker Amazon Tract Sub. 2. Crocker Estate Co to whom it may concern.....Feb. 19, 1924

Feb. 28, 1924—NE FOURTH 55 NW Stillman NW 25xNE 75. Dorothy Frankenan to Charles Schwarz... .....Feb. 26, 1924

Feb. 28, 1924—NO. 121 HAIGHT ST. Young Men's Hebrew Ass'n to Michael & Bomer.....Feb. 22, 1924

Feb. 28, 1924—LOT 39 BLK 41, Sunnyside. Antony Krulikomsky to whom it may concern. Feb. 27, 1924

Feb. 28, 1924—S HARRISON 30 N Tenth. Merton J Price to Wm Martin ..... Feb. 19, 1924

Mar. 1, 1924—E MARKET & BEALE NE 137-6xSE 138-7. Pacific Gas & Electric Co to Healy-Tibbitts Construction Co.....Feb. 23, 1924

Mar. 1, 1924—W TWENTY-FIRST Ave 100 N Balboa N 25xW 120 John D Bulwinkel to Klaus Adler..... .....Mar. 1, 1924

Mar. 1, 1924—LOT 371 Gift Map No. 1 Julius Kosinski to whom it may concern.....Feb. 28, 1924

Mar. 1, 1924—W CLEVELAND AND Sherman NW 50xSW 75. Oscar and Andy Tyroler to John Botman.... .....Feb. 23, 1924

Feb. 24, 1924—NW POLSOM 75 NE Ninth NE 50xNW 90. Jennie Perry to The Helbing Co.....Feb. 28, 1924

Feb. 29, 1924—N OAK 243-3 W Van Ness Ave W 62-9xN 120 Young Men's Institute Hall Ass'n to Lowry & Daly.....

Feb. 29, 1924—SW THIRTY-SECOND Ave and Ulloa 30x75; N 18th Ave 25 S Noriega. M A Breitman to whom it may concern..Feb. 29, 1924

Feb. 29, 1924—E LARKIN 110 S Chestnut E 110xS 27-6. Hazel P or Mrs. W H Tuggle to Geo C Todhunter.....Feb. 29, 1924

Feb. 29, 1924—E FILLMORE — S of Hayes 150. A Tuccinelli to Andrew Girlich.....Feb. 23, 1924

Feb. 29, 1924—BDED ON N BY JESsie E by Ecker and on S by Mission Lucy H and Edith W Allynn to Joseph Musto Sons-Keenan Co and J E O'Mara Co and The Turner Co .....Feb. 26, 1924

Feb. 29, 1924—SE MARKET 250 SW Church SW 75 SE 110-10¼ S 55-9½ E 50 N 100 E 4-3⅝ NW 12.56 SE 5 NW 100. Joseph Pasqualetti to whom it may concern..Feb. 29, 1924

Feb. 29, 1924—COM. 200 W THIRTY-first Ave and Ulloa W 120xN 125. Sarah Dolan to R S K McMillin .....Feb. 4, 1924

Feb. 29, 1924—W FOERSTER 50 N Hearst N 75xW 90 Ptn Lots 44, 45 and 46 Blk 11, Sunnyside. Moneta Invst Co to James Arnott & Son .....Feb. 28, 1924

Feb. 29, 1924—E FOLSOM AND FALmouth NE 90xSE 160 SW 90 NW to beg. Henri Fourcade, J Capdeville and E Barbe (as Hotel Owners Laundry Ass'n) to E Sugarman Co .....Feb 14, 1924

Mar. 3, 1924—E FORTY-FIFTH AV 180 S Anza S 25xE 90 m or l. Grace Kafka to Thos Hamill.. .....March 3, 1924

March 3, 1924—S MAGELLAN AVE. 100 E Cortez Ave. E 33-4 x S 100. Thomas Hamill to whom it may concern .....March 3, 1924

March 3, 1924—W SIXTEENTH AVE. 100 S Judah S 25 x W 120. Walter H. Yates and Edmund A. Cooke to whom it may concern ....Not given

March 3, 1924—N POST 137-6 W Stockton W 37-6 x N 137-6. Wm. M. and Mary E. Fitzhugh to Butte Electrical Equipment Co. and Federal Ornamental Iron & Bronze Co. .....Feb 23, 1924

March 3, 1924—S PAGE 156 E Schrader E 25 x 137-6. J. Robertson to whom it may concern.... .....Feb. 11, 1924

March 3, 1924—NW FULTON and 33rd Ave. W 85 x N 29. S. F. Johnson to whom it may concern .....Feb. 25, 1924

March 3, 1924—BOUNDED BY JESsie, Ecker and Mission Sts. Lucy H. and Edith W. Allyne to John Spargo ..... Feb. 26, 1924

March 3, 1924 — E MARKET AND Beale NE 137-6 SE 138-2 SW 137-6 NW 138-2. Pacific Gas & Electric Co to A. Paulson .....Feb. 22, 1924

March 3, 1924—E FOURTH N Harrison N 50 x E 80. Emma H. Hilp to Barrett & Hilp .....Feb. 27, 1924

March 3, 1924—S GREENWICH 175 Divisadero W 25 x S 137-6. John A. Tennyson to W. W. Rednall.. .....Feb 29, 1924

March 3, 1924—NE NIAGARA AVE 78-6 SE Howth SE 50 x NE 60 H. B. Murphy to James Arnott & Son .....Feb. 29, 1924

March 3, 1924—SW HARRISON and Harriet. Merton J. Price to Adam Arras Co. .....March 3, 1924

March 4, 1924—E CORDOVA 55 N Athens. John Bjorkman to whom it may concern.....March 1, 1924

March 4, 1924—W TWENTY-FIRST Ave 175 N Irving N 25xW 120. Mary E and Ralph W Wiley to whom it may concern....Dec. 2, 1923

March 4, 1924—S NINETEENTH 105 E Valencia E 25xS 85. Bessie M Hoit to J W Gilligley....Mar. 3, 1924

Mar. 4, 1924—W MASON 82-6 S Bush 25x87-6. Nellie E Reilly to Frank J Reilly.....Mar. 3, 1924

Mar. 4, 1924—LOTS 1 AND 2 BLK 18, Lakeview. Oscar W Lind to whom it may concern...Mar. 4, 1924

Mar. 4, 1924—N LOMBARD 87-6 E Franklin E 27-3xN 112-6. Arthur S Bugbee to whom it may concern .....Mar. 3, 1924

Mar. 4, 1924—W MASON 82-6 S Bush 25x87-6. Nellie E Reilly to Frank J Reilly.....Mar. 3, 1924

Mar. 4, 1924—W HYDE 87-6 N Ellis N 50xW 137-6. M A Hunt to The Helbing Co.....Feb. 27, 1924

Mar. 4, 1924—LOT 19 BLK M Add'ns to Castro St. Addn and Glen Park Terrace. Crocker Estate Co to whom it may concern...Feb. 26, 1924

Mar. 4, 1924—E RAILROAD AVE 292 N Bay Shore Ave N 32xE 100 Ptn Blk 11, Crocker Bay Shore Tract. Crocker Estate Co to whom it may concern.....Feb. 26, 1924

Mar. 4, 1924—W TWENTY-SECOND Ave 250 N Anza. Evelyn Hincks to M B Sternheim.....Jan. 2, 1924

Mar. 4, 1924—W POTRERO AVE 150 S Twenty-second 175 S 22nd St. W A Newsom Jr to O E Carlson.... .....March 4, 1924

Mar. 4, 1924—LOT 21 BLK 6441, Crocker Amazon Tract Sub. 2. Crocker Estate Co to whom it may concern .....Feb. 26, 1924

Mar. 5, 1924—NE POWELL & POST N 137-6xE 162-9. Wm M and Mary E Fitzhugh to Western Iron Wks .....Feb. 26, 1924

Mar. 5, 1924—NW CALIFORNIA AND Stockton 60x77-6. L B Ham to whom it may concern....Mar. 4, 1924

Mar. 5, 1924—W POST 110 E Steiner E 27-6xN 137-6. Charles J W Koenig to whom it may concern.. .....Mar. 4, 1924
Mar. 5, 1924—E HAROLD AVE 200 S Bruce Ave S 25xE 112-6. The McCarthy Co to James Arnott & Son .....Mar. 3, 1924
Mar. 5, 1924—LOT 19 BLK 23 St. Francis Wood Extn No. 2. Jas J Irvin to whom it may concern..... .....March 4, 1924
Mar. 5, 1924—N BAY 120 E Buchanan N 100xE 100. Pacific Gas & Electric Co to Truscon Steel Co..Feb. 25, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
Mar. 1, 1924—E THIRTY-EIGHTH Ave 25 S Cabrillo S 25xE 82-6. Joost Bros vs Charles Haggans... .....$239.42
Mar. 1, 1924—S HAIGHT 104-11 W Broderick S 120 W 105 m or l NW 10 m or l E 32 m or l N to S line Haight E 75. Benunie Berris vs Geo Balliet and V Imschenetsky $58.80
Mar. 1, 1924—S HAIGHT 104-11 W Broderick S 120 W 105 m or l NW 10 m or l E 32 m or l N to S line Haight E 75. Guy L Wayne vs Geo Balliet, V M Imschenetsky, N P Vogulkin and M F Vogulkin... .....$1244.52
Mar. 1, 1924—S HAIGHT 103-11 W Broderick S 120 W 140-9¾ m or l NW 11 m or l E 32 m or l W 110 E 75.1. Pacific Electric Constr Co vs Geo Balliet, V M Imshenetsky, N P and M F Vogulkin $690.63
Feb. 29, 1924—W LYELL 147-6 m or l S Bosworth S 25xE 120. Greater City Lumber Co vs Ralph Merritt and L Traver.....$196
Feb. 29, 1924—N OAK 247-3 W Van Ness Ave W 63-9xN 120. J E Higgins Lumber Co vs Young Men's Institute Hall Ass'n and Ruegg Bros $1315.36
Feb. 29, 1924—S HAIGHT 106 W Broderick W 75xS 120. Michael Foley vs Geo Balliet and V M Imshenetsky $49.59
Feb. 29, 1924—W BRODERICK 127-6 N Green N 30xW 112-6. I R Kissel vs W H B Fowler.....$157.50
Feb. 29, 1924—S HAIGHT 105 W Broderick W 75xS 120. Malott & Peterson vs V Imshenetsky, Valdimere Vogulkin, Margaurette Vogulkin and John Doe Ballie.....t$87
Feb. 28, 1924—SE TWENTY-FIRST & Dolores S 26xE 90. White Brothers vs John Burnes and James M and Mary McDermitt.....$72.13
Feb. 28, 1924—W DIAMOND 134 S Sussex S 85x W 109 Lot 16 Blk 14, Castro St. Addn. Loop Lumber Co vs John A and Katherine Driscoll $680.77
Mar. 4, 1924—S HAIGHT 106 W Broderick W 75xS 120. Jas E Lennon Lime & Cement Co vs V M Imshenetsky N P and M F Vogulkin $361.95
Mar. 4, 1924—225 SWW EXCELSIOR Ave SW 37-6xSE 100 No. 339 Madrid St. Joseph Byrnes vs Chas Bell ..... $222.

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
Feb. 29, 1924—S TURK 137-6 W Taylor W 50 S 137-6. J. H. Kruse to Drury Physical Culture Institute.. ..... $597.46
S F RELEASE of lien .....
Feb. 28, 1924—E GUERRERO 90 S 17-6 S 35-8 E 90 N 25 W 32 N 10-8 W 58. Simon Fraser to Jerry Lynch
March 3, 1924—N HEARST AVE. 175 E Foerster E 25 x N 112-6. Sudden & Heitman Lumber Co. vs. John Brymner and Sunset Bldg. & Realty Co. $535.98
March 3, 1924—N HEARST AVE. 150 E Foerster E 25 x N 112-6 Sudden & Heitman Lumber Co. vs. John Brymner and Sunset Bldg. & Realty Co. $562.07
March 3, 1924—N HEARST AVE. 125 E Foerster E 25 x N 112-6. Sudden & Heitman Lumber Co. vs. John Brymner and Sunset Bldg. & Realty Co. $562.08
March 3, 1924—N HEARST AVE. 100 E Foerster E 25 x N 112-6 Sudden & Heitman Lumber Co. vs. John Brymner and Sunset Bldg. & Realty Co. $747.14
March 3, 1924—E FOERSTER 25 N Hearst Ave. N 25 x E 100. Sudden & Heitman Lumber Co. vs. John Byrmner, Jos. A. Plume, Alma A. Plume and Sunset Bldg. & Realty Co. $569.17
Mar. 4, 1924—S STAPLES 25 E Genesee E 25xS 75 Blk 14, Sunnyside. Spring Valley Lumber Yard to A Clement and Mae Glaubert....$200

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Feb. 28, 1924—W SECOND 25 S Jessie S 25xW 75 No. 78 2nd St. K M Clark as to improvements on property .....
March 3, 1924—610 GEARY N Geary 62-6 W Jones W 50 x N 137-6. R. X. Ryan as to improvements on property. .....
Mar. 4, 1924—SW GRANT AVE AND Manila S 69-4 W 40 N 9-4 W 45 N 60 E 85. MacDonough Estate Co as to improvements on property..
Mar. 5, 1924—E VAN NESS AVE bet. Sutter and Hemlock. Paul Bancroft et al as to improvements on property .....

AMENDED LIEN

SAN FRANCISCO COUNTY

Feb. 29, 1924—LOT 5 & S ½ Lot 4 Blk. 3196 Westwood Park. Charles Sartorio to Mercantile Trust Co. of Cal., John Martin $1239.10

RELEASE OF BLDG. CONTRACT

SAN FRANCISCO COUNTY

Feb 29, 1924—NW TWENTY-SECOND and Valencia. Hibernian Savings & Loan Society with N Clark & Sons .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
1063	Brazier	Owner	4000
1064	Schiessler	Schiessler	6000
1065	Fairfield	Dennis	3500
1066	Roseberg	Owner	3600
1067	Boehmer	Flittner	5000
1068	Mahan	Pedersen	3500
1069	Walton	Mallett	5000
1070	Beck	Griffith	2800
1071	Chambers	Peters	2200
1072	Loose	Owner	5000
1073	Harrison	Peters	2700
1074	Lyon	Natl.	4000
1075	Peterson	Same	2250
1076	Caskey	Owner	5000
1077	Davis	Owner	2900
1078	Stahl	Owner	6000
1079	Nittler	Owner	4000
1080	McCarthy	Dolan	5385
1081	Kingsley	Owner	12000
1082	S. P. Co.	Stevens	——
1083	Roth	McKean	7863
1084	Robinson	Allen	3850
1085	Schuessler	Owner	4000
1086	Cal Ink	Owner	7500
1087	Alderson	Weston	3750
1088	King	Owner	3000
1089	Jacobus	Knight	2000
1090	Westdorf	Rose	3500
1091	Ness	Same	3500
1092	Heinson	Constable	4500
1093	Nortin	Owner	3000
1094	Schoning	Boeddeker	2250
1095	Sorano	Caretto	1800
1096	Mangalin	Owner	12000
1097	Viena	Lambrecht	4000
1098	Malmgren	Sommarstrom	1500
1099	Waldmann	Owner	3000
1100	James	Owner	4000
1101	Wilson	Owner	6500
1102	Rugg	Owner	3000
1103	Jury	Owner	2500
1104	Burgh	Petersen	4500
1105	Hommediew	Person	6847
1106	Green	Owner	2500
1107	Rompeilman	Owner	3000
1108	Cropaerts	McCord	5800
1109	Gardner	Dunn	1400
1110	St. Markus	Lawrence	13860
1111	Schultz	Anderson	12288
1112	Wester	Owner	2000
1113	R C Archb.	Owner	35000
1114	Martins	Sandusky	3000
1115	Howard	Attermatt	5000
1116	Moyle	Squires	5000
1117	Wittschen	McGregor	11110
1119	Wendering	Fox Bros.	3200
1120	Salo	Matkala	4500
1121	Ferrier	Martin	13000
1122	Burris	McWethey	14000
1123	Peters	Owner	15000
1124	McCracken	Strang	16000
1125	Ough	Owner	6500
1126	Dufton	Owner	6000
1127	Carlson	Erickson	6900
1128	Hommedew	Person	6840
1129	Hufschmidt	Owner	13500
1130	Spaggian	Couch	3000
1131	Fonzo	Owner	1400
1132	Damlos	MacGregor	4500
1133	Beach	Same	6000
1134	Mullin	Same	2500
1135	Cabelleira	Owner	5000
1136	Evergreen	McCarthy	2500
1137	Carlson	Marshall	3000
1138	Toners	Owner	2000
1139	Peterson	Owner	3500
1140	Connelley	Furlong	4800
1141	Whalen	Owner	4950
1142	Larson	Owner	5000
1143	——	Schneider	1296
1144	Boyce	Boyce	5150
1145	Warford	Peacock	1200
1146	Noble	Owner	5000
1147	Meinecke	McKater	4000
1148	Holly & Co.	Ventri	4000
1149	Ester	Cowart	7500
1150	Dubosky	Wesseld	1900
1151	Taylor	Owner	1000
1152	Fish	Owner	4000
1153	Rash	Bulcher	4725
1154	Perata	Weirk	3471
1155	Marks	Wieben	5000
1156	Di Fiore	Carreira	3600
1157	Van Arden	Stalte	3350
1158	West	Owner	4000
1159	Swain	Watson	4000
1160	Stalaphsulos	Coovy	3300
1161	Jackson	Stalte	3950
1162	Peppin	Owner	4000
1163	Gordon	Natl.	4800
1164	Richie	Natl.	5000
1165	Hammond	Barr	4600
1166	Peppin	Owner	8000
1168	Booth	Owner	2500
1169	Spencer	Owner	3000
1170	Schulz	Owner	4500
1171	Harrison	Morris	5600
1172	Hogshead	Morris	3000
1173	Naylor	Conner	15690
1174	Vogtsberger	Knight	16000
1175	Rash	Blucher	5075
1176	Deming	Smith	5000
1177	Johnson	Johnson	8400
1178	Osborn	Owner	8500
1179	Merrill	Conner	1500
1180	Hopkins	Owner	3900
1181	Blanchard	Hauri	11800
1182	Stevens	Allen	50000
1183	Goodspeed	Riddell	6000
1184	Vannucci	Massagh	2500
1185	Bank of Italy	Owner	20000
1186	Smith	Owner	4800
1187	Wilson	Owner	2800
1188	Cisero	Owner	3000
1189	Oak. Title Ins.	Kulchar	5000
1190	Stewart	Owner	11000
1191	Pike	Owner	1800
1192	Koski	Owner	5000
1193	Reid	Field	5500
1194	Parks	Owner	2800
1195	Wallis	Owner	3000
1196	Nixon	Ahenfeld	7400
1197	Patterson	Owner	3000
1198	Art	Sommarstrom	50000

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DWELLING
(1063) NO. 19 CLAREMONT CRESCENT, Berkeley. One and one-half-story 6-room dwelling.
Owner—Jas. W. Brazier, 1912 Blake St., Berkeley.
Architect—None. $4000

DWELLING
(1064) N. 1814 YOSEMITE ST., Berkeley. One-story 7-room dwlg.
Owner—Jane H. Schussler, 919 Ensenada St., Berkeley.
Architect—M. F. Jarnette
Contractor—H. H. Schuessler, 2436 Telegraph Ave., Berkeley. $6000

DWELLING
(1065) NO. 1744 SAN LORENZO ST., Berkeley. One-story 6-room dwlg. and garage.
Owner—M. W. Fairfield, 1734 10th St., Oakland.
Architect—Hutchinson & Mills.
Contractor—J. Derden and Mr. Dennis. $3500

DWELLING
(1066) S ASH ST. 205 E 78th Ave., Oakland. 1-story 4-room dwelling.
Owner—Aug. Roseberg, 1712 48th Ave., Oakland.
Architect—None. $3600

DWELLING
(1067) 2834 BELLAIRE PL., Oakland. 1-story 5-room dwelling.
Owner—H. M. Boehmer, 210 E-11th St., Oakland.
Architect—None.
Contractor — Jos Flittner, 1700 35th Ave., Oakland. $5000

DWELLING
(1068) W DOVER ST. 100 S 56th St., Oakland. 1-story 6-room dwelling.
Owner—F. W. Mahan, 5519 Dover St., Oakland.
Architect—None.
Contractor—E. Pedersen, 827 Athens Ave., Oakland. $3500

DWELLING
(1069) N Calmar Ave. 640 Paloma, Oakland. 1-story 6-room dwelling.
Owner—Mrs. G. N. Walton, 1540 Oxford St., Berkeley.
Architect—None.
Contractor—Fowler Mallett, 403 Acheson Bldg., Oakland. $5000

DWELLINGS
(1070) 1641 & 1647 THIRTY-THIRD St., Oakland. Two 1-story 3-room dwellings.
Owner—E. F. Beck, 1115 Warfield Ave Oakland.
Architect—None.
Contractor—C. W. Griffith, 1323 96th Ave., Oakland. $1400 each

DWELLING
(1071) 1906 EIGHTY-FOURTH AVE., Oakland. 1-story 4-room dwelling.
Owner—J. F. Chambers, Plaza Bldg., Oakland.
Architect—None.
Contractor—L. A. Peters, 3485 Davis St. Oakland. $2200

ADDITION
(1072) N EIGHTH ST. 50 E Alice St., Oakland. 1-story brick addition.
Owner—Chas. W. Loose, 816 Alice St., Oakland.
Architect—None. $5000

DWELLING
(1073) 923 FIFTY-SECOND ST., Oakland. 1-story 5-room dwelling.
Owner—E. W. Harrison, 919 53rd St., Oakland.
Architect—None.
Contractor—L. A. Peters, 3485 Davis St., Oakland. $2700

ROOF SIGNS
(1074) NW COR. NINETEENTH AND Broadway, Oakland. 2 roof signs.
Owner—E. L. Lyon, 19th and Broadway, Oakland.
Architect—None.
Contractor—Natl. El. Sign Co., 510 18th St., Oakland. $2000 each

DWELLING
(1075) S RUDSDALE ST. 170 E 75th Ave., Oakland. 1-story 4-roo mdwlg
Owner — Mrs. A. M. Peterson, 7515 Rudsdale, Oakland.
Architect—None.
Contractor—L. W. Peterson. $2250

DWELLING
(1076) NW COR. SEMINARY AVE. & Brann St., Oakland. 1-story 5-room dwelling.
Owner—H. T. Caskey, Martinez.
Architect—None. $5000

DWELLING
(1077) 2407 SIXTY-EIGHTH AVE., Oakland. 1-story 6-room dwelling.
Owner—Geo. B. Davis, 2283 Hyde St., Oakland.
Architect—None. $3900

DWELLING
(1078) S TRESTLE GLEN RD. 163 E Stratford Rd., Oakland. 2-story 7-room dwelling.
Owner—Stahl Bros., 503 Central Bank Bldg., Oakland.
Architect—None. $6000

DWELLING
(1079) E THIRTY-THIRD AVE. 70 S E-17th St., Oakland. 1-story 5-rm. dwelling.
Owner—N. Nittler, 3300 17th St., Oakland.
Architect—None. $4000

DWELLING
(1080) 512 WELDON ST., Oakland. 1-story 6-room dwelling.
Owner—T. McCarthy.
Architect—None.
Contractor—L. J. Dolan, 400 Syndicate Bldg., Oakland. $5385

APARTMENTS
(1081) N WALNUT AVE 436 W Seminary Ave., Oakland. 2-story frame (4) apartments.
Owner—C. A. Kingsley, 3046 Seminary Ave., Oakland.
Architect—None. $12,000

CLEANING ETC.
(1082) CITY OF OAKLAND. Cleaning and painting 2 tension towers on Oakland Estauary and 1 in West Oakland Yards.
Owner—S. P. Co., Oakland.
Architect—None.
Contractor—Stevens & Hopkins, 5693 Keith, Oakland.
Filed Feb. 27, 1924. Dated Jan. 22, 1924. Contract originally dated Nov. 10, 1923, extended to the limit of completion, Feb. 29, 1924.
TOTAL COST, $—
Bond, none; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 60 days; Plans and specifications, none.

PLUMBING
(1083) LOTS 11 & 12 & PORTION lots 50 & 51, Map College Tract, Berkeley. Plumbing work in 3-sto. and part basement class B rein. concrete hotel building.
Owner—Rebecca F Roth, San Francisco
Architect—Aug. G. Headman, Call Bldg San Francisco.
Contractor—F. P. McKeon, 233 Post St. San Francisco.
Filed Feb. 28, 1924. Dated Feb. 18, 1924.
Roughed in & inspected.....$3097
Completed and accepted..... 2800
Usual 35 days 1966
TOTAL COST, $7863
Bond, $2000; Sureties, Check Dept. Anglo Calif. Trust Co.; Forfeit, 25 day; Limit, 70 days; Plans and specifications filed.

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DWELLING
(1084) POR. BLK. 145 Higley's map of Clinton, Oakland. Labor on 5-room dwelling.
Owner—Dr. O. V. Robinson, S-12th St., Oakland.
Architect—None.
Contractor — John W. Allen & Orson Benge, 9235 Peach St., Oakland.
Filed Feb. 28, 1924. Date l Feb. 28, 1924.
Frame up $875
Plastered 875
Completed 875
Usual 35 days—Balance in cash and one $200. note, int. 7%, payable Sept. 1, 1924.
TOTAL COST, $3850
Bond, Sureties, none. Forfeit, $5 per day. Limit 60 days after Feb. 1, 1924. Plans and Specifications not filed.
NOTE—Permit reported Feb. 5, 1924, No. 575.

DWELLING
(1085) NO. 1623 CAPISTRANO ST., Berkeley. One-story 5-room dwlg.
Owner—H. H. Schuessler, 2436 Telegraph Ave., Berkeley.
Architect—None. $4000

TANKS
(1086) FOURTH AND CAMELIA STS., Berkeley. Two steel oil tanks.
Owner—California Ink Co., 3rd and Camelia Sts., Berkeley.
Architect—None. $7500

DWELLING
(1087) NO. 2507 GRANT ST., Berkeley One-story 5-room dwelling.
Owner — Aug. E. Anderson, 2020½ Blake St., Berkeley.
Architect—None.
Contractor—John O. Weston, 1731 Dwight Way, Berkeley. $3750

DWELLING
(1088) NO. 1822 LINCOLN ST., Berkeley. One-story 5-room dwelling and garage.
Owner—E. King, 1412 66th St., Berkeley.
Architect—None. $3000

DWELLING
(1089) NO. 2826 WARRING ST. near Derby, Berkeley. Two-story 8-room dwelling.
Owner—Mrs. L. H. Jacobus, Premises.
Architect—None.
Contractor—Harry C. Knight, 1426 Franklin St., Oakland. $2000

DWELLING
(1090) W BDWY TER. 125 S Uranus Ave., Oakland. 1-story 4-rm. dwlg.
Owner—A. Westdorf.
Architect—None.
Contractor—Mirwin P. Rose, 940 Oxford St., Berkeley. $3500

DWELLING
(1091) 3937 EVERETT AVE., Oakland. 1-story 5-room dwelling.
Owner—Ness Bros., 3810 Canon Ave., Oakland.
Architect—None.
Contractor—Peter Ness, 3912 Linwood Ave., Oakland. $3500

(1092) 2428 E-TWENTY-FOURTH ST. Oakland. 1-story 6-room dwelling.
Owner—Mrs. J. Heinson, 2226 25th Ave Oakland.
Architect—None.
Contractor — W. C. Constable, 3306 School St., Oakland. $4500

DWELLING
(1093) E EIGHTY-FOURTH AVE. 60 N Olive St., Oakland. 1-story 5-rm. dwelling.
Owner—R. Nortin, 2016 89th Ave., Oakland.
Architect—None. $3000

DWELLING
(1094) SE COR. FORTY-FIFTH AND Thompson St., Oakland. 1-story 4-room dwelling.
Owner—A. Schoning, 1268 47th Ave., Oakland.
Architect—None.
Contractor—Joe Boeddeker, 1814 34th Ave., Oakland. $2250

DWELLING
(1095) N FORTY-FOURTH ST. 190 W Market St., Oakland. 1-story 4-rm dwelling.
Owner—S. Sorano, Oakland.
Architect—None.
Contractor—C. Caretto, 2221 8th St., Berkeley. $1800

APARTMENTS
(1096) W FIFTH AVE. 75 N E-15th St Oakland. 2-story 12-room apte.
Owner — Martin Mangalin, 2029 14th Ave, Oakland.
Architect—None. $12,000

DWLG. & STORE
(1097) NE COR. FOOTHILL BLVD & Taylor Ave., Oakland. 1-story 5-room dwelling and store.
Owner—M. F. Vierra.
Architect—None.
Contractor—V. Lambrecht, 9401 Scott St., Oakland. $4000

STORE
(1098) E FOURTEENTH AVE. 50 S E-16th St., Oakland. 1-story brick and tile store.
Owner—H. E. Malmgren.
Architect—None.
Contractor—M. F. Sommarstrom, 738 E 17th St., Oakland. $1500

DWELLING
(1099) E ONE HUNDRED SECOND Ave 99 N E-14th St., Oakland. 1-story 5-room dwelling.
Owner—A. E. Waldmann, 817 53rd St., Oakland.
Architect—None. $3000

DWELLING
(1100) 1210 ONE HUNDRED SIXTH Ave., Oakland. 1-story 5-room dwlg
Owner—Chas. E. James, 106th Ave., Oakland.
Architect—None. $4000

(1101) S SUNNYHILL RD. 240 Hubert Rd., Oakland. 2-story 7-room dwlg.
Owner — W. P. Wilson, 527 Kenmore Ave., Oakland.
Architect—None. $6500

DWELLING
(1102) 2451 SIXTY-FIFTH AVE, Oakland. 1-story 5-room dwelling.
Owner—R. R. Rugg, 6047 Harwood Ave Oakland.
Architect—None. $3000

(1103) W TRUMAN 120 S Stanley Ave. Oakland. 1-story 4-room dwelling.
Owner—G. W. Jury, 10726 Myers St., Oakland.
Oakland.

DWELLING
(1104) E THIRTY-EIGHTH AVE 500 N E-14th St., Oakland. 1-story 5-room dwelling and garage.
Owner—G. Vaudew Burgh.
Architect—None.
Contractor—J. B. Petersen, 2053 38th Ave., Oakland. $4500

ALTERATIONS
(1105) LO 13, BLK. 193 Kellersberger's Map of City of Oakland, Oakland. Alteration and completion of 2-sto. class C-2 con. bldg.
Owner De Lavaga & L'Hommedieu, Oakland
Architect—Chas. W. McCall & Chas. T. Davis, Central Bank Bldg., Oakland.
Contractor—Emil Person, 351 12th St., Oakland.
Filed Feb. 1, 1924. Dated Feb. 28, 1924
75% of value of work in place on 1st and 15th of each month until 70% of entire contract has been paid. Acceptance payment 5% when com. & accepted. Final 25% after 35 days.
TOTAL COST, $6847.
Bond, $3424. Sureties, Union Indemnity Co. Forfeit, none. Limit, 30 days after recording. Plans and Specifications filed.

DWELLING
(1106) N ALIDA 45 W Linnett, Oakland. 1-story 4-room dwelling.
Owner—H. F. Green, R.F.D. 1, Box 2255 Oakland.
Architect—None. $2500

DWELLING
(1107) E LAUREL 50 N Dakota, Oakland. 1-story 4-room dwelling.
Owner—J. J. Rompeilman, 2900 Santos Rita Ave., Oakland.
Architect—None. $3000

DWELLING
(1108) E EIGHTY-SEVENTH AVE. 110 N E-14th St., Oakland. 1-sto. 8-room dwelling.
Owner—B. Crokaerts, Oakland.
Architect—None.
Contractor—E. J. McCord, San Leandro. $5300

DWELLING
(1109) S HILLCREST AVE. 200 W 90th Ave., Oakland. 1-story 4-room dwelling.
Owner — R. W. Gardner, 9821 E St., Oakland.
Architect—None.
Contractor—Wm. Dunn, 2575 98th Ave Oakland. $1400

CHURCH
(1110) NW RACINE AND FIFTY-eighth Sts., Oakland. All work except heating and furnishing for one-story frame church building with gallery.
Owner German Evangelical St. Markus Congregation, Oakland.
Architect—Wythe, Blaine & Olsen, Central Bank Bldg., Oakland.
Contractor—C. H. Lawrence, 532 Lawton St., Oakland.
Filed Mar 1, '24. Dated Feb. 26, '24.
Frame up $3465
Brown coated inc roof sheathing 3465
Completed and accepted..... 3465
Usual 35 days..... 3465
TOTAL COST, $13,860.00
Bond, $6930. Sureties, C. H. Lawrence Martha A. Clancy and Matilda Lawrence. Limit, 100 days after filing. Forfeit, none. Plans and specifications filed.

APARTMENTS, ETC.
(1111) NO. 2709 FRUITVALE AVE., Oakland. All work for two-story frame apartment and store blg.
Owner—F. J. Schultz, Premises.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.
Contractor — A. Frederick Anderson, 2800 Delaware St., Oakland.
Filed Mar. 1, '24. Dated Mar. 1, '24
Frame up $3072
Brown coated 3072
Completed and accepted..... 3072
Usual 35 days..... 3072
TOTAL COST, $12,288
Bond, $6144. Surety, Globe Indemnity Co. Limit, 100 days. Forfeit, none. Plans and specifications filed.

DWELLING
(1112) 1735½ BLAKE ST., Berkeley. 1-story and basement 4-room dwlg.
Owner—E. O. Wester, 1737 Balke St., Berkeley.
Architect—None. $2000

DWLG. & CHURCH
(1113) BERRYMAN & MILVIA, Berkeley. 2-story 9-room dwelling and church.
Owner—R. C. Archbishop of S. F., 1100 Franklin St., S. F.
Architect—Beezer Bros., 1915 Steiner St., San Francisco. $35,000

DWELLING
(1114) 1114 COWPER ST., Berkeley. 1-story 5-room dwelling.
Owner—Mrs. Maria Martins, premises.
Architect—None.
Contractor—Sandusky & Mason, 1116 Seminary, Berkeley. $3000

DWELLING
(1115) 1117 GLEN AVE, Berkeley. 1-story 5-room dwelling.
Owner—C. N. Conrad, 1118 Laurel, Berkeley.
Architect—None.
Contractor—J. Attermatt, 1911 Walnut St., Berkeley. $5000

DWELLING
(1116) 1538 HAWTHORNE, Berkeley. 2-story 5-room dwelling.
Owner—Gilbert Moyle, 901 Hilldale Av. Berkeley.
Architect—None.
Contractor—E. J. Squires, 2262 Summer St., Berkeley. $5000

FLATS
(1117) 2317-29-21-23 HILGARD, Berkeley. 2-story 16-room flats.
Owner—A. Wittschen, 3209 Grove St., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $11,900

DWELLING
(1118) 1439 LE ROY, Berkeley 2-story 7-room dwelling and garage.
Owner—E. S. Miller, Key Route Inn.
Architect—A. W. Anderson.
Contractor—Rowland & Rowland, 2117 Rose St., Berkeley. $11,110

DWELLING
(1119) 1923 NAPA AVE., Berkeley. 1-story 5-room dwelling.
Owner — A. A. Wendering, McKinley Apts., Berkeley.
Architect—None.
Contractor—Fox Bros., 1926 University Ave., Berkeley. $3200

DWELLING
(1120) 2408 SPAULDING, Berkeley. 1-story 5-room dwelling.
Owner—Matt Salo, 2405 McKinley Ave. Berkeley.
Architect—None.
Contractor—Vaino Matkala, 2405 McKinley Ave., Berkeley. $4500

APARTMENT (4)
(1121) 528-34 GLENVIEW AVE., Oakland. 2-story 16-rm. apts. (4).
Owner—E. E. Ferrier, 5213 E 14th St., Oakland.
Architect—None.
Contractor—Thos. P. Martin. $13000

DWELLING
(1122) 806 NORTHWALE, Oakland. 2-story 8-rm. dwlg.
Owner—J. D. Burris, 2910 Telegraph, Oakland.
Architect—None.
Contractor — McWethy & Greenleaf, same address. $14000

APARTMENTS
(1123) E YORK ST 100 N Mandana Blvd. 2-story 14-rm. apts.
Owner—E. G. Peters, 239 Bacon Bldg., Oakland.
Architect—None. $15000

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY
(THE SAN FRANCISCO BANK)
SAVINGS COMMERCIAL
INCORPORATED FEBRUARY 10th, 1868.
One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.
Member Associated Savings Banks of San Francisco
526 California Street, San Francisco, Cal.
DECEMBER 31st, 1923
Assets..... $39,174,468.57
Capital, Reserve and Contingent Funds..... 3,850,000.00
Employees' Pension Fund..... 430,275.37
MISSION BRANCH.....Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....Haight and Belvedere Streets
WEST PORTAL BRANCH.....West Portal Ave. and Ulloa St.
Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

STORES (BRICK)
(1124) SW COR 10TH & MADISON, Oakland. 1-story brick stores.
Owner—Dr. W. J. McCracken, 1377 Bdwy., Oakland.
Architect—None.
Contractor—V. W. Strang, 1528 9th St., Alameda. $16000

LAUNDRY (TILE)
(1125) SE 12TH ST 100 W 12th St., Oakland. 1-story tile laundry.
Owner—J. M. Ough, 1201 E 12th St., Oakland.
Architect—None. $6500

DWELLING
(1126) SW COR 8TH AVE & E 20th St., Oakland. 1-story 8-rm. dwlg.
Owner—J. S. Dufton, 701 E 20th St., Oakland.
Architect—None. $6000

DWELLING
(1127) 1078 EXCELSIOR AVE., Oakland. 2-story 7-rm. dwlg.
Owner—John Carlson, 2801 Park Blvd., Oakland.
Architect—None.
Contractor—Jas. Erickson, 1120 E 33rd St. $6900

ALTERATIONS
(1128) 315 14TH ST., Oakland. Alt.
Owner—L'Hommedieu & De Lascaga, Syndicate Bldg., Oakland.
Architect—None.
Contractor—Emil Person, 2224 Rose St., Berkeley. $6840

DWELLING (3)
(1129) 100-112-118 FAIRMOUNT AVE. Oakland. Three 1-story 5-rm. dwlgs.
Owner—Hufschmidt & Whalen, 407 Federal Bldg., Oakland.
Architect—None. $4500 each

DWELLING
(1130) N 44TH ST 90 W Market St., Oakland. 1-story 5-rm. dwlg.
Owner—Louis Spraggian, 715 43rd St., Oakland.
Architect—None.
Contractor—J. Cowdi. $3000

DWELLING
(1131) S 44TH ST 90 W Linden St., Oakland. 1-story 3-rm. dwlg.
Owner—John Ponzo, 820 42nd St., Oakland.
Architect—None. $1400

DWELLING
(1132) 1456 HAMPEL ST., Oakland. 1-story 6-rm. dwlg.
Owner—Paul Damlos, 470 13th St., Oakland.
Architect—None.
Contractor—C. M. MacGregor, same address. $4500

DWELLING
(1133) 393 JAYNE AVE., Oakland. 2-story 7-rm. dwlg.
Owner—M. C. Beach, 902 Washington St., Oakland.
Architect—None.
Contractor—Beach & Hughes, prem. $6000

DWELLING
(1134) S MIAMI CRT 100 E Woodruff, Oakland. 1-story 4-rm. dwlg.
Owner—Mrs. M. Mullin, 2506 11th Ave., Oakland.
Architect—None.
Contractor—M. A. Mullin. $2500

DWELLING
(1135) E PARK BLVD 227 N Hampel, Oakland. 1-story 6-rm. dwlg.
Owner—K. E. Cabelleira, 4158 Park Blvd., Oakland.
Architect—None. $5000

OFFICE
(1136) E 64TH AVE 600 N Foothill Blvd., Oakland. 1-story ocice.
Owner—Evergreen Cemetery, 3106 64th Ave., Oakland.
Architect—None.
Contractor—D. McCarthy, 3100 64th Ave., Oakland. $2500

DWELLING
(1137) 1614 69TH AVE., Oakland. 1-story 5-rm. dwlg.
Owner—A. Carlson, 1606 69th Ave., Oakland.
Architect—None.
Contractor—J. S. Marshall, 1618 69th Ave., Oakland. $3000

DWELLING
(1138) NW COR STEELE & MADISON, Oakland. 1-story 4-rm. dwlg.
Owner—J. W. Toners, 3820 High St., Oakland.
Architect—None. $2000

DWELLING
(1139) NW COR 68TH AVE & FLORA ST., Oakland. 1-story 6-rm. dwlg.
Owner—A. O. Peterson, 68th & Flora, Oakland.
Architect—None. $3500

DWELLING
(1140) N TRASK ST 80 E Rawson, Oakland. 1-story 6-rm. dwlg.
Owner—Mary Connelley, 1531 50th Ave.
Architect—None.
Contractor—Thos. F. L. Furlong, 557 Eldorado Ave., Oakland. $4800

DWELLING
(1141) 290 VERNON ST., Oakland. 1-story 5-rm. dwlg.
Owner—J. F. Whalen, 407 Federal Bldg., Oakland.
Architect—None. $4900

DWELLING
(1142) W WESLEY 140 S Merritt, Oakland. 1-story 6-rm. dwlg.
Owner—B. G. Larson, 2503 12th Ave., Oakland.
Architect—None. $5000

CLUB HOUSE
NO. 2242 CEDAR ST., Berkeley. One-story 5-room club house.
Owner—Hillside Club, 1345 Arch St., Berkeley.
Architect—J. White, Lick Bldg., S. F.
Contractor — Walter Sorensen, 3221 Ellis St., Berkeley. $18,738
NOTE:—Recorded contract reported Feb. 28, 1924, No. 1059.

ALTERATIONS
(1143) 638 FAIRMOUNT AVE., Oakland. Alteration of building.
Owner— —.
Architect—None.
Contractor—F. J. Schneider, 810 60th St., Oakland.
Filed March 3, 1924. Dated ——.
Paid on acct. Feb. 23, 1924.....$300
TOTAL COST, $1296.
Bond, Sureties, Forfeit, Limit, none.
Specifications filed. Plans not filed.

DWELLINGS
(1144) 1594 & 1598 BUENA VISTA, Alameda. Two 1-story 4-rm dwlgs. and garages.
Owner—Jessie I. Boyce, 1547 Versailles Ave., Alameda.
Architect—None.
Contractor — W. T. Boyce, 1547 Versailles Ave., Alameda. $2575 each

ADDITION
(1145) 2121 BUENA VISTA, Alameda. Addition.
Owner—Jas. W. D. Warford, premises.
Architect—None.
Contractor—John Peacock, 2512 Chester St., Alameda. $1200

DWELLING
(1146) 2700 WASHINGTON, Alameda. 1-story 7-room dwelyling.
Owner—G. H. Noble.
Architect—None. $5000

DWELLING
(1147) 2066 SAN JOSE AVE., Alameda 1-story 5-room dwelling.
Owner—Edith Meinecke, Box 41, Sunnyvale, Alameda.
Architect—None.
Contractor—McKaler, 2061 San Jose Ave., Alameda. $4000

DWELLING
(1148) 311 CENTRAL AVE., Alameda. 1-story 6-room dwelling.
Owner—Hally & Co., 2315 Santa Clara, Alameda.
Architect—None.
Contractor — Jose Ventri, 9507 A St., Oakland. $4000

DWELLING
(1149) 2915 CENTRAL AVE., Alameda 2-story 8-room dwelling.
Owner—A. H. Ester, cor. Walnut and San Jose.
Architect—None.
Contractor—Z. T. Cowart, 3257 Central Ave., Alameda. $7500

ALTERATIONS
(1150) S BROADWAY TER. 99 E Duncan Way, Oakland. Alterations.
Owner—C. Dubovsky.
Architect—None.
Contractor—Harry Wessell, 1533 Market St., Oakland. $1900

GARAGE
(1151) 3536 DOUGLAS ST., Oakland. 2 story garage.
Owner—F. A. Taylor, premises.
Architect—None. $1000

DWELLING
(1152) 1512 EXCELSIOR AVE., Oakland. 1-story 5-room dwelling.
Owner—L. C. Fish, 2453 Park Blvd., Oakland.
Architect—None. $4000

DWELLING
(1153) E GROSVENOR PL. 164 S Hubbert Rd., Oakland. 2-story 6-room dwelling.
Owner—Emilie E. Rash, Berkeley.
Architect—None.
Contractor — Blucher Bros., 451 Van Dyke Ave., Oakland. $4725

ALTERATIONS
(1154) 3034 GROVE ST., Oakland. Alterations.
Owner—A. Perata, 40th St., Oakland.
Architect—None.
Contractor—Nick Weirk, 404 45th St., Oakland. $3471

DWELLING
(1155) W HOLMAN RD 200 S Bates Rd., Oakland. 1-story 6-room dwlg.
Owner—Maud A. Marks, Oakland.
Architect—None.
Contractor—A. C. Wieben, 839 Rosemont Rd., Oakland. $5000

DWLG. & STORE
(1156) S HILLSIDE 50 W 78th Ave., Oakland. 1-story 5-room dwelling and store.
Owner—F. & M. Di Flore, E-8th St. & 28th Ave., Oakland.
Architect—None.
Contractor—Carreira & Chappell, 3121 E-27th St., Oakland. $3600

DWELLING
(1157) W LAGUNA AVE. 60 S Montana, Oakland. 1-sto. 5-room dwlg.
Owner—Mrs. Van Arden.
Architect—None.
Contractor—F. C. Stalte, 3455 Laguna Ave., Oakland. $3350

DWELLING
(1158) 3751 RANDOLPH AVE., Oakland. 1-story 5-room dwelling.
Owner—Elmer W. West, 4026 Brighton Ave., Oakland.
Architect—None. $4000

DWELLING
(1159) W SEMINARY AVE. 152 S Camden, Oakland. 1-story 6-room dwelling.
Owner—C. F. Swain, 3600 E-14th St., Oakland.
Architect—None.
Contractor—W. J. Watson, 1542 3rd St., Alameda. $4000

ADDITION
(1160) S SEVENTH ST 140 E Pine St. Oakland. 2-story addition.
Owner—Stalaphoulos.
Architect—None.
Contractor — Coovy & Saunders, 575 62nd St., Oakland. $3300

DWELLING
(1161) N SYLVAN AVE. 500 E Maple Ave., Oakland. 1-story 5-rm. dwlg.
Owner—G. S. Jackson.
Architect—None.
Contractor—F. C. Stolte, 3455 Laguna Ave., Oakland. $3950

DWELLING
(1162) 5227 TRUMBULL ST., Oakland. 1-story 5-room dwelling.
Owner—J. B. Peppin, 851 Trestle Glen Rd., Oakland.
Architect—None. $4000

SIGNS
(1163) SW COR. TWELFTH & OAK Sts., Oakland. 2 roof signs.
Owner—W. & G. Gordon, 12th & Oak, Oakland.
Architect—None.
Contractor—Natl. Elec. Sign Co., 510 18th St., Oakland. $2400 each

SIGNS
(1164) SW COR. TWELFTH & OAK Sts., Oakland. 2 roof signs.
Owner—Merguire Richie & Co., 12th and Oak, Oakland.
Architect—None.
Contractor—Natl. Elec. Sign Co., 510 18th St., Oakland. $2500 each

ALT. & REPAIR
(1165) N E-THIRTY-FIRST ST. 150 E Stuart, Oakland. Alterations and repairs.
Owner—Mrs. Hammond, Oakland.
Architect—None.
Contractor—Barr & Sons, 306 26th St., Oakland. $2300

DWELLING
(1166) 5312 5318 5324 WALNUT ST., Oakland. 3 1-sto. 5-room dwellings.
Owner—J. B. Peppin, 851 Trestle Glen Rd., Oakland.
Architect—None. $4000 each

APARTMENTS
(1167) 2708 SIXTY-SEVENTH AVE., Oakland: 2-story 32-room apts.
Owner—Sullivan & Robinson, 20 6th St., San Francisco.
Architect—None.
Contractor — John Erlund, 67th Ave., Oakland. $24,000

DWELLING
(1168) E SIXTY-NINTH AVE. 570 S Weed, Oakland. 1-story 4-room dwelling.
Owner — D. S. Booth, 91 Nova Drive, Oakland.
Architect—None. $2500

DWELLING
(1169) W SEVENTY-SECOND AVE. 200 S Spencer, Oakland. 1-story 4-room dwelling.
Owner—Manuel Costa, 716 Market St., Oakland.
Architect—None. $3000

DWELLING
(1170) W WARFIELD 44 S Fairbanks Oakland. 1-story 5-room dwelling.
Owner—W. J. Schulz, 1601 Francisco St., Oakland.
Architect—None. $4500

DWELLINGS
(1171) 4045 4049 QUIGLEY ST., Oakland. 2 1-storly 4-room dwellings.
Owner—Mrs. D. Harrison.
Architect—None.
Contractor — S. Morris & Son, 4062 Quigley St., Oakland. $2800 each

DWELLING
(1172) 4053 QUIGLEY ST., Oakland. 1-story 5-room dwelling.
Owner—Mrs. G. Hogshead, 4062 Quigley St., Oakland.
Architect—None.
Contractor—S. Morris Son, 4062 Quigley St., Oakland. $3000

DWELLING
NO. 1512 SCENIC AVE, Berkeley. 2-story 9-room dwelling.
Owner—M. R. Dempster.
Architect—W. H. Ratcliff, Mercantile Trust Bldg., Berkeley.
Contractor—S. J. Bertilsen, 1st Natl. Bank Bldg., Berkeley. $14,380
NOTE — Recorded contract reported Feb. 28, 1924, No. 1061.

COMPLETE BLDG.
(1173) POR. LOT 31 BLK. 1, Shattuck Tract No. 1, Berkeley. Complete building. One-story concrete store and wholesale bldg.
Owner—F. L. Naylor, 2200 Durant, Berkeley.
Architect — Jas. W. Placheck, 2014 Shattuck Ave., Berkeley.
Contractor — Conner & Conner, 1726 Grove St., Berkeley.
Filed March 3, 1924. Dated March 3, '24
1st and 15th of ea. month.....75%
Usual 35 days 25%
TOTAL COST, $15,690
Bond, Sureties, Forfeit, none. Limit 90 days. Plans and Specifications filed.

APARTMENTS
(1174) NE COR. NINETH AVE. and E 19th St., Oakland. Building apartment bldg. containing four 4-room apartments.
Owner—Jacob & Elizabeth Vogtsberger 1426 Franklin St., Oakland.
Architect—None.
Contractor — Harry C. Knight, 1426 Franklin St., Oakland.
Filed March 4, 1924. Dated Mar. 4, 1924
Payments not given.
TOTAL COST, $16,000
Bond, Sureties, Forfeit, none. Limit, 90 days after laying mud sills. Plans and Specifications filed.
NOTE—Permit reported Feb. 28, 1924, No. 1050.

FRAME BLDG.
(1175) LOT 56 BLK. 8, Lakeshore Highlands, Oakland. Carpentry, electric work, plumbing, painting, plastering, cement work, grading and sewer works for 2-story frame building.
Owner—Emilie E. Rash, 2223 Derby, Berkeley.
Architect—None.
Contractor — Blucher Bros., 451 Van Dyke Ave., Oakland.
Filed Mar. 3, 1924. Dated Mar. 1, 1924.
Frame up 25%
Plaster on 25%
Com. & notice filed 25%
Usual 35 days 25%
TOTAL COST, $5075
Bond, Sureties, Forfeit, Limit, none. Plans and Specifications not filed.
Building contract only.

DWELLING
(1176) 717 CONTRA COSTA, Berkeley. 1-sto. 6-room dwelling.
Owner—W. M. Deming, 721 Contra Costa, Berkeley.
Architect—None.
Contractor—J. Harry Smith, 508 Lexington, Berkeley. $5000

DWELLINGS
(1177) 1410, 1412 AND 1414 DERBY St. Three 1-story 5-room dwellings and garages.
Owner—Mrs. Olga Johnson, 2145 Lincoln Ave., Alameda; Mrs. Hirsher, 2657 60th Ave., Oakland.
Architect—None.
Contractor—G. A. Johnson, 2145 Lincoln Ave., Alameda. $2800 each

DWELLING
(1178) 1126 EUCLID AVE., Berkeley. 2-story 9-room dwelling.
Owner—W. W. Osborn, 2405 Bowditch St., Berkeley.
Architect—None. $8500

ADDITION
(1179) 1740 GRANT ST., Berkeley. 2-story 4-room dwelling, addition.
Owner—Frank Merrill, prem.
Architect—None.
Contractor — Conner & Conner, 1733 Francisco, Berkeley. $1500

DWELLING
(1180) 1978 HOPKINS, Berkeley. 1-story 5-room dwelling.
Owner—A. H. Pallen, 686 61st St., Oakland.
Architect—None. $3900

DWELLING
(1181) 1701-3-5-7 HARMON ST., Berkeley. 2-story 14-room dwelling.
Owner—Mrs. Anna B. Blanchard, 1309 Harmon St., Berkeley.
Architect—None.
Contractor—J. J. Hauri, 822 56th St., Oakland. $11800

APARTMENTS
(1182) 2322 HASTE, Berkeley. 2-story 5 1-room apartments.
Owner—Mrs. Mary W. Stevens, Dunsmuir Apts., Oakland.
Architect—P. V. Tittle.
Contractor—Allen & Conrad, 357 12th St., Oakland. $50,000

DWELLING
(1183) 517 SANTA ROSA, Berkeley. 2-story 6-room dwelling.
Owner—P. H. Goodspeed, Botany Bldg., U. of C., Berkeley.
Architect—None.
Contractor—E. S. Riddell, 2327 Cragmont, Berkeley. $6000

DWELLING
(1184) S B ST. 100 W Elmhurst Ave, Oakland. 1-story 6-room dwlg.
Owner—D. Vannucci, 1915 Stockton St., San Francisco.
Architect—None.
Contractor — G. Massagh & Co., 147 Parker Ave., S. F. $2500

BANK
(1185) E BROADWAY 50 N 11TH ST., Oakland 2-story bank.
Owner—Bank of Italy, S. F.
Architect — H. A. Minton, 550 Montgomery St., S. F. $20,000

ALTERATIONS
(1186) 1017 COTTAGE AVE., Oakland. Alterations.
Owner—Mary R. Smith's Trusts, 1125 Cottage Ave., Oakland.
Architect—None. $4800.

DWELLING & STORE
(1187) N E-14TH ST. 50 W 80TH AVE. Oakland. 1-story dwelling and store.
Owner—C. H. Wilson, 1610 41st Ave., Oakland.
Architect—None. $2800

DWELLING
(1188) 698 FORTY-THIRD ST., Oakland. 1-story 5-room dwlg.
Owner—J. Cisero, 458 42nd St., Oakland.
Architect—None. $3000

ALTERATIONS
(1189) SW COR. FRANKLIN AND 15th Sts., Oakland. Alterations.
Owner—Oakland Title Ins. Co., Oakland.
Architect—None.
Contractor—S. Kulchar Co., 8th Ave. and E 10th St., Oakland. $5000

DWELLINGS
(1190) N MANDANA BLVD., 30, 70, 110, 140 E Portal, Oakland. 4 1-sto. 6-room dwellings.
Owner—B. A. Stewart, 102 Magnolia Ave., Piedmont.
Architect—None. $5500 each.

DWELLING
(1191) SW COR. PIERSON AND Marconi Ave., Oakland. 1-story 4-rm. dwlg.
Owner—Jas. H. Pike, 3811 Clarke St., Oakland.
Architect—None. $1800

DWELLING
(1192) N WARFIELD AVE. 127 W Fairbanks, Oakland. 1-story 6-room dwlg.
Owner—Matt L Koski, 47 Ramona Ave Oakland.
Architect—None. $5000

DWELLING
(1193) E YORK 80 N PRINCE ST., Oakland. 1-story 5-room dwlg.
Owner—Wm. Reid, Y. M. C. A.
Architect—None.
Contractor—E. Field. $5500

DWELLING
(1194) 2532 SIXTY-THIRD AVE, Oakland. 1-story 5-room dwelling.
Owner—D. W. Parks, 476 Crescent St., Oakland.
Architect—None. $2800

DWELLING
(1195) E SIXTY-FOURTH AVE. 25 S Outlook Ave., Oakland. 1-story 5-room dwelling.
Owner—Thos. Wallis, 3576 64th Ave., Oakland.
Architect—None. $3000

FLATS
(1196) N SIXTY-FIFTH ST. 170 E Telegraph Ave., Oakland. 2-story 10-room flats.
Owner—A. L. Nixon, Berkeley.
Architect—None.
Contractor—Harry Ahnefeld, 1969 Marin Ave., Berkeley. $7400

DWELLING
(1197) 1969 EIGHTY-SECOND AVE., Oakland. 1-story 5-room dwlg
Owner—J. F. Patterson, 2001 68th Ave., Oakland.
Architect—None. $3000

APARTMENTS
(1198) W MADISON ST. 70 S Lake St., Oakland. 3-story 54 rooms brick and tile apartments.
Owner—Art Tailoring Co., 1111 Broadway, Oakland.
Architect—None.
Contractor—Sommarstrom Bros, 1536 Franklin St., Oakland. $50,000

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Amount

Feb. 28, 1924—1504 HAVENSCOURT Blvd., Oakland. John Porter to whom it may concern..Feb. 28, 1924

Feb. 28, 1924—1335 NINETIETH AVE Oakland. D C Watkins to whom it may concern.....Feb. 18, 1924

Feb. 28, 1924—1108 UNION ST., Alameda. Edna B Hardy to J W Silva.....Feb. 8, 1924

Feb 28, 1924—2110 TERRACE WALK Berkeley. Grace D Sturges to Ben Pearson.....Feb. 28, 1924

Feb. 28, 1924—LOT 3 BLK "G" Map Flint Tract No. 1 Ptn Oakland Heights, Oakland. Mrs. Emma H Cox to S G Johnson...Feb. 28, 1924

Feb. 28, 1924—PTN LOT 24 BLK "C" Amended Map Fair View Tct, Oakland Tp., Piedmont. Geo P Clapp to whom it may concern..Feb 21, '24

Feb. 27, 1924—LOT 10 Map Resbdvn Hillside Terrace, Oakland Tp. H H Gastman to whom it may concern.....Feb. 25, 1924

Feb. 27, 1924—LOT 11 Map Resbdvn Hillside Terrace, Oakland Tp. H H Gastman to whom it may concern .....Feb. 25, 1924

Feb. 27, 1924—THREE TENSION towers; 2 in Oakland and 1 in Alameda. S P Co. to Stevens & Hopkins.....Feb. 18, 1924

Feb. 27, 1924—LOT 108 BLK 3364, Bowling Homestead Tract, Alameda. Ida F Hill to R F Waddell .....Feb. 26, 1924

Feb. 28, 1924—VIC OF 105TH AVE & Sunnyside St., Oakland. S. P. Co. to Hutchinson Co. .....Feb. 25, 1924

Feb. 28, 1924—VIC OF 105TH AVE & Sunnyside St, Oakland. S. P. Co. to Hutchinson Co. .....Feb. 25, 1924

Feb. 28, 1924—2426 ORANGE AVE., Oakland. Campaw-Hall Bldg. Corp. to whom it may concern.....Feb. 25, 1924

Feb. 28, 1924—LOTS 5 & 6 BLK 16 Map Re-Sub Broadmoor, San Leandro. J. P. Cummins & L. J. White to The Oak. Home Bldrs..Feb. 27, '24

Feb. 28, 1924—5863 BIRCH COURT, Oakland. Otillie Tonjes to F. W. Thaxter .....Feb. 28, 1924

Feb. 28, 1924—319 FOURTEENTH ST Oakland. R. M. Fitzgerald to M. E. Hopper & Sons.....Feb. 20, 1924

Feb. 28, 1924—SE 30 LOT 16 BLK 6 Map Allendale Tract, Oakland. Susie Betts to E. C. Kramer.....Feb. 21, 1924

Feb. 29, 1924—E LINE STANLEY RD bet Hollywood Ave. & Hollister St San Leandro. Justus Norris to whom it may concern..Feb. 28, 1924

Feb. 29, 1924—LOT 18 & NW 5 LOT 17 Blk 6 Map Allendale Tract, Oakland. Susie Betts to E. C. Cramer .....Feb. 21, 1924

March 1, 1924—1241 SIXTIETH AVE, Oakland. Hughes & Hozack to whom it may concern..Feb. 29, 1924

March 1, 1924—855 THE ALAMEDA, Berkeley. J Harry Smith to whom it may concern.....March 1, 1924

Feb. 29, 1924—LOT 2 Unit 1, Lakeshore Oaks, Oakland. Kenneth C Martin to Samuel Moe..Feb. 28, 1924

Feb. 29, 1924—3430 SAN PABLO AVE Oakland. Geo C Nall to whom it may concern.....Feb. 28, 1924

Feb. 29, 1924—3868 WHITTLE AVE., Oakland. Alfred Erickson to whom it may concern.....Feb. 28, 1924

Feb. 29, 1924—LOT 17 BLK "L" Moss Tract, Oakland. H L Meline to whom it may concern...Feb. 1, 1924

Feb. 29, 1924—LOT 13 BLK 6, Thousand Oaks Tract, Berkeley. Walter N Hansen to P E Marquis.....Feb. 25, 1924

Feb. 29, 1924—LOT 93 Map Greater Oakland Co. Tract No. 1, Brooklyn Tp. Hallie H Haynes to whom it may concern.....Feb. 28, 1924

March 3, 1924—SW COR. 13TH and Franklin Sts, Oakland. Tribune Bldg. Co. to The Calif. Marble Co. .....Feb. 18, 1924

March 3, 1924—LOT 17 BLK. H, East Piedmont Heights, Oakland. Chas. E. Bardwell Jr. to whom it may concern .....March 3, 1924

March 3, 1924—W ½ LOT 20 BLK. 8 T. M Antisells, Map of Villa Lots, Berkeley. W. Gus Smith to F. W. Thaxter .....March 1, 1924

March 3, 1924—1533 78TH AVE., Oakland. Grace E. Hickok to Fred Mogk & T. Lydiksen ..March 1, 1924

March 3, 1921 — 2209 GLEN AVE., Berkeley. Mrs. Jessie E Nichols to whom it may concern..Mar. 3, 1924

March 5, 1924—POR. OF ENCUMbered por. map Lining Tract No. 2, Oakland. Clarence K. Nichols to Leo. L. Nichols .....Mar. 4, 1924

March 5, 1924—POR. BLK. 148 Higley's map of Clinton, Oakland. Clarence K. Nichols to Leo L. Nichols .....March 4, 1924

March 5, 1924—LOT 20 AND POR. Lot 21 Ardsley Hgts., a resub. of por. Blks. G & H Bella Vista Park, Oakland. Alfred Carlson to Alex F. Marshall Co. ..... March 5, 1924

March 5, 1924—LOT 9 and NOR. 10 ft. Lot 8, Blk. 23, map of Prop. of N Byrne in Berkeley Villa Tract, Berkeley. Jan Van Berkem to L. D. Denton.....Nov. 13, 1923

March 5, 1924—NW COR. SANTA Clara and Grand St., Alameda. Arthur Lehaney to F. J. Thelle.... ..... March 5, 1924

March 5, 1924—6421 AND 6427 Flora St., Oakland. W. D. Wilson to M. K. Owen .....March 4, 1924

March 5, 1924—LOT 4 BLOCK B Beavers Tract, Berkeley. Tracy E. Davis to McWethy & Greenleaf.. ..... March 2, 1924

March 4, 1924—NE COR. 2ND & B Sts., Hayward. F. C. Leach to Cal. Bldrs. Co. ..... Feb. 29, 1924

March 4, 1924—E SIDE TALBOT 130 N Washington, Albany. J E. Cofer to whom it may concern..Mar. 4, '24

March 4, 1924—LOTS 47, 48, 49, BLK. 15, Amended Map of Sunset Terrace, Albany. Narciso Lucchesi to Bigley & Walsh .....Mar. 3, 1924

March 4, 1924—LOTS 47, 48, 49, Blk. 15, Amended map of Sunset Terrace, Albany. Narciso Lucchesi to Bigley & Walsh .....Mar. 3, 1924

Mar. 4, 1924—5919 AND 5921 FOOTHill Blvd., Oakland. John J Devlin to W N Glasser.....Mer. 3, 1924

Mar. 4, 1924—LOTS 1 AND 2 BLK 10 Map Steinway Terrace, Oakland C M McElhinney to J B Petersen.... .....Feb. 15, 1924

Mar. 4, 1924—LOCATION NOT GIVEN E W Eckhardt to Harry C Knight .....Feb. 29, 1924

Mar. 3, 1924—1037 TRESTLE GLENN Road, Oakland. Mrs. Della Gebhardt to Jas L Rich.....Mar. 3, 1924

Mar. 3, 1924—1041 TRESTLE GLENN Road, aOkland. Mrs. Myrtle A Craw to Jas L Rich....Mar. 3, 1924

Mar 3, 1924—LOT 10 BLK 1, San Leandro. F M Nehee to whom it may concern.....Feb. 28, 1924

Mar. 3, 1924—W 109TH AVE 289 N Voltaire Ave being Lot 25 Blk 2, Map Ivywood Extension, Oakland. G E. Blasingame to whom it may concern.....Feb. 29, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

Feb. 29, 1924—LOT 46 Map of Searles Tract Brooklyn Tp., Oakland. Dunser-Matheny Sash & Door Co., vs. A. Jensen & H. J. Merrick $67.75

Feb. 28, 1924—NO. 1651 SEVENTYfourth Ave., Oakland. A Jensen vs H J Merrick $316.84

Feb. 28, 1924—NE 35 LOTS 3 AND 4 Blk 11, Map Fitchburg Homestead Lots, Oakland. Fred Buzzell vs Jos W & Myra E Vanderpool.$109.30

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville,
Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Feb. 28, 1924—LOT 38 Map Hirschfield Tract, Alameda. E K Wood Lumber Co vs Jas D Horton and Harvey and E Mabel Pennock...$912

March 1, 1924—COM. SW MADISON St. 120 NW Mound SW 80 NW 34 33 80 to SW Madison St. SE 34.33 to beg, Alameda. Hutchinson Co vs Elmer E and Edith M Eaton..$133.67

Mar. 1, 1924—NO. 1651 SEVENTYfourth Ave., Oakland. Neighbor's Lumber Yard vs H J Merrick..$257.40

Mar. 1, 1924—LOT 16 BLK 1, Berkeley Square, Berkeley. Henry Cowell Lime & Cement Co vs H H and Mary I Gastman.....$105.25

Mar. 1, 1924—LOTS 9, 10 AND 11, Re-sub Hillside Terrace, Oakland. Henry Cowell Lime & Cement Co vs H H and Mary I Gastman.$333.25

Mar. 1, 1924—LOT 9 BLK "F" Hopkins Ter No. 3, Berkeley. Henry Cowell Lime & Cement Co vs H H and Mary I Gastman.....$304.65

Mar. 1, 1924—PTN BLK 16, Map Prop. of Berkeley Villa Ass'n, Berkeley. Lannom Bros Mfg Co vs F Tanner, Robt S and Agnes C Leopold $391.30

Mar. 1, 1924—PTN UNNUMBERED Ptn Map Luning Tract No. 2, Oakland. Roberts Mfg Co vs Leo L and Clarence K Nichols.....$583.40

Mar. 1, 1924—PTN BLK 142 Higley's Map of Clinton, Oakland. Roberts Mfg Co vs Leo L Nichols, Eliza and Frank J Edwards.....$74.50

March 5, 1924—LOT 130 MAP OF Cherry Land, Eden Tp., Alameda Co. N. E. Nelson vs. Manual Feria Souza $465

March 3, 1924—NE LINE S. P. R. R. Co. and Ala. Co. line; S 30° 55' E 75 ch. S 54° 5' W 0.74 ch.; S 35° 55' E 4.13 ch.; S 36° 38' E 4.54 ch.; N 63° 30' E 2.96 ch; E 3 ch; N 80° 30' E 80° 30' E 2.65 ch; N 21° W 1 ch. N 59° W 1.85 ch.; N 16° E 690 ch; S 89° 30' E 0.50 ch.; N 44° E 1.70 ch; N 21° 30' E 2.40 ch; N 70 45' E 3.70 ch; N 50° 30' W 2.35 ch. N. 20° 30' W 4.70 ch; N 28° 15' W 5.50 ch; N 27° 30" W 12.92 ch; N 16° W 5.69 ch; N 14° W 3 ch; N 10° 30' W 3.21 ch; N 20° 15' W 26 ch. to Ala. Co. line; SW to beg., 189.60 acres, Pleasanton Tp. G. W. Bass vs. Louis Thomsen, R. J. Crandell, Fidell Meyer and Mutual Drilling Co. and M. G. Brady .....$132.

March 3, 1924—3819 DALE PLACE, Oakland. E. D. Dinton vs. E. C. Kramer ..... $44.

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

Feb. 29, 1924—LOT 19, BLK. 1, Map Huff Tract, San Leandro. W. F. Banks to Fred W. Borden, Jas. C. Knust $16.67

Feb. 29, 1924—LOT 4 and W 25 lot5 Blk. 1, Map Huff Tract, San Leandro. W. F. Banks to Fred W. Borden, Carrie E. Borden $13.72

Feb 29, 1924—LOT 18 BLK. 1, Map Huff Tract, San Leandro. W. F. Banks to Fred W. Borden, Jas. C. Knust $72.19

Feb. 26, 1924—LOT 2, BLK. E, Salinger Tract, Berkeley. Lee J. Immel to E. J. McCord $61.50

March 1, 1924—LOTS 6, 7 AND 8 BLK "E" Map Huntington Tract, Oakland. Hutchinson Co to L Ambrose and Mrs. Sarah Ambrose.....$868.34

March 1, 1924—LOTS 8 AND 9 BLK 1, Amended Map Butler Tract, Oakland. Hutchinson Co to Jennie Y Dieckmann $818.13

March 1, 1924—PTN LOTS 34 AND 35 Map Palo Vista Tract, Oakland. Hutchinson Co to John Placido also known as J P Placido.....$110

March 1, 1924—COM. SE THIRTYAve 616 48 NE from NE line E-14th St. SE 144.78 NE 35 NW 146.06 to SE line 36th Ave 35.16 from com. th SW 35.16 to com, Oakland. Hutchinson Co to E L Monsler.....$124.34

March 1, 1924—PTN LOTS 17, 18 AND 19 Blk "D" Knowles & Potter Sub of Kennedy Tract, Oakland. Hutchinson Co to Joe De Motto....$254.25

March 1, 1924—LOT 69 Map Henry & Phillips Tract, Oakland. Hutchinson Co to F A Silver and Mrs. Catherine Silver $132.50

March 1, 1924—N HOPKINS W line Boston Ave N 33° 35' 40" E 145.14 N 56° 24' 20" W 126.31 S 33° 01' 20" W 32.88 S 52° 43' E 82.26 S 119.05, Oakland, Hutchinson Co to Maggie M Taber.....$600
March 1, 1924—LOT 46 Map Oakland Prospect Homestead, Oakland. Hutchinson Co to Emily May Sammi $242.50
Feb. 29, 1924—LOT 12 BLK 2, Callan Ave, Hur Estate, San Leandro. F Lindsey Boyd to F W Borden, J C Knust (Contractors Exchange).... .....$174.25
Mar. 3, 1924—PTN PLOT "A" Map Undivided Mountain or Hill Land of the Vincenite & Domingo Peralta Rancho an Partitioned by Decree of 3rd District Court of March 2, 1875, Oakland. Tilden Lumber Co to Raymond E and Daisie P Ford.....
March 3, 1924—NOT GIVEN. Earl F. and Rush L. Brunner to Alonzo I. and Ida Markwell, C. J. and Annie L. White .....
Feb. 29, 1924—LOT 12 BLK. 2 Map Huff Tract, San Leandro. W. F. Banks to Fred W. Borden, Jas. C. Knust $22.55

Notice of Non-Responsibility

ALAMEDA COUNTY

Mar. 3, 1924—LOT 5 BLK 2105 Map of Alden Tract, Temescal, Emeryville. M K Jacobus as to improvements on property.....
Feb. 28, 1924—H. W. MEEK EST., as to improvements on property. Lot 31, Blk. P. Colonial Acres, Eden Tp., Alameda Co. .....
Feb. 29, 1924—ALAMEDA INV. CO. As to improvements on property. Lot 68, Key Route Acres, Oakland ..... Feb. 26, 1924
Feb. 29, 1924—ALAMEDA INV. CO., As to improvements on property, Lot 16, Blk. D. Oakland Highlands, Oakland. ..... Feb. 21, 1924

OAKLAND BUILDING TOTALS FOR FEBRUARY, 1924

Classification of Bldgs.	No. of Permits	C st
1-story dwellings.....	337	$ 575,463
1-st 2-ramily dwellings	30	48,560
1-st 4-family dwelling.	1	10,000
1-st dwelling & store..	4	15,950
1½-st dwellings.....	3	16,100
2-story dwellings.....	13	84,595
2-st dwellings & stores	2	16,000
2-story flats.....	10	77,740
2-story apartments...	18	244,950
3-story apartments....	1	28,000
1-story stores.....	8	23,763
1-story office.....	1	2,542
1-story stable.....	1	500
1-story library.....	1	5,000
1-story clubhouse.....	1	1,000
1-story greenhouse.....	3	2,650
1-story schools.....	2	2,300
1-story cabinet shop...	1	2,800
2-story factory.....	2	3,850
1-story tile stores.....	2	2,709
1-st tile service stn....	2	1,500
1-st tile garage.....	4	3,880
1-story tile shop.....	1	2,700
1-story tile addition...	2	2,300
2-st tile stores & loft..	1	28,000
1-st concrete stores....	3	153,000
1-st concrete garage...	1	800
4-st conc store & lofts.	1	70,000
2-st concrete factory...	1	26,500
1-st conc & tile garage	1	1,000
1-st brick dwelling....	1	2,500
1-st brick garage.....	2	8,300
1-st brick stores.....	2	22,975
2-st brick factory.....	1	38,000
Brick addition.....	3	22,737
1-st brick&conc wrhse.	1	7,500
1-s brick & tile garage	3	46,500
1-st steel tower.....	1	8,000
1-st steel service stn...	1	2,000
1-st garages & sheds..	278	60,272
Electric signs.....	33	13,686
Roof signs.....	3	6,500
Billboards	15	1,039
Additions	91	63,638
Alterations & repairs..	145	81,780
Total	1025	$2,250,570

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$5,000 and Over Reported

RESIDENCE, $16,000; 21 E Walnut St., Stockton; owner, Mrs. Gautier.
STORE ROOM, $1500; 1521 East Sonora St., Stockton; owner, Pacific Gas & Elec. Co.
RESIDENCE, $4950, 1225 West Willow, Stockton; owner, F. P. Dobson, 1045 Vernal Way, Stockton.
RESIDENCE, $3500; 125 E Cleveland, Stockton ;owner, G. Galigano.
REMODEL, $10,000; Main and Hunter St., Stockton; owner, Dr. McGee.
STORE BLDG., $2500; 147 South East St., Stockton; owner, Mike Hawjison, Stockton.
RESIDENCE, $3100; 2349 E Hazelton, Stockton; owner, B. Martin, Stockton.
RESIDENCE, $5000 1136 W Elm, Stockton; owner, C. Watson.
RESIDENCE, $4800; 1141 North San Jose, Stockton; owner, J. B. Wolf, 1244 Vernal Way, Stockton.
REMODEL FRONT, $3000; 409 East Main St. Stockton; owner, Gerlach & Morath, 409 E Main, Stockton.
RESIDENCE and garage, $7000; 611 Bristol Ave., Stockton; owner, W. P. Steinbeck, 1029 North Hunter, Stockton.
APARTMENT HOUSE, $11,000; 430 No. Stanislaus St., Stockton; owner, Robert L. Wilson and Lillian Wilson.
DWELLING and garage, $27,000; 1241 North Edison, Stockton; owner, Dr and Mrs. J. B. Dameron, Yosemite Bldg., Stockton.
RESIDENCE, $3500; No. 1710 West Poplar St., Stockton; owner, J. L. Simmons.
RESIDENCE and garage, $3500; No. 829 North Orange St., Stockton; owner, G. W. Donaldson.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
March 1, 1924—LOT 15 BLOCK 31, Victory Park Terrace, Stockton. Vincent Dave Vaio to whom it may concern .....Feb. 13, 1924
Feb. 29, 1924—LOT 17 BLOCK 21 survey 2999 Mch 28-1905 Stockton. Mabel E. Taylor to Fred E. Taylor .....Feb. 27, 1924
Feb. 29, 1924—LOT 5 BLK 11 Rosedale subdivision of Tracy. Mrs. W. B. Polansky to H. J. Erickson.... .....Jan. 28, 1924

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
Feb 28, 1924—N 67 FT. LOT 16 BLK 15, Lodi. John W Hieb vs C A Belli and Stockton Securities Co. a cptn $92.51

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

DWELLING, 1-story 6-room and garage, $6000; No. 1308 43rd St., Sacramento; owner, P. J. O'Brien, 3575 N St., Sacramento.
DWELLING, 1-story 6-room and garage, $3200, No. 1825 U St., Sacramento; owner, W. H. Cox, 2018 19th St., Sacramento.
DWELLING, 1-story 4-room and garage, $3100; No. 609 42nd St., Sacramento; owner, Geovanni Bertolis, 301 42nd St., Sacramento; contractor, P. Leoni, 1415 P St., Sacto.
DWELLING, one-story 4-room and garage, $3290; No. 3117 Freeport Blvd., Sacramento; owner, H. Mertens, 2915 19th St., Sacramento; contractor, Geo. Moore Co., 3452 3rd Ave., Sacramento.
DWELLING, one-story 5-room and garage, $3500; No. 2425 E St., Sacramento; owner, W. B. Phillips, 1406 44th St., Sacramento.
DWELLING, one-story 3-room and garage, $2800; No. 512 40th St., Sacramento; owner, C. F. Going, 1817 F St., Sacramento; contractor, E. V. Gilkey, 4059 Elliott Ave., Sacto.
DWELLING, one-story 5-room and garage, $3250; No. 1165 37th St., Sacramento; owner, H. A. Hendren, 3125 Donner Way, Sacramento.
DWELLING, one-story 5-room and garage, $3250; No. 1175 37th St., Sacramento; owner, H. A. Hendren.
DWELLING,one-story 5-room and garage, $3250; No. 1181 37th St., Sacramento; owner, H. A. Hendren.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Feb. 26, 1924—LOT 12 Burlingame Terrace, Sacramento. Vernon O Axtell and Vera (ux) to whom it may concern .....Feb. 21, 1924
Feb. 26, 1924—LOTS 26 AND 27 BLK B Suh B Oak Park, Sacramento. Concetta Plaia and Francisco Plaia .....Feb. 23, 1924
Feb. 27, 1924—LOT 816, Elmhurst. Annie F Beere to whom it may concern .....Feb 23, 1924
Feb. 27, 1924—LOT 68, Burlingame Terrace, Sacramento. Ray V and Vera F McCurdy to whom it may concern.....Jan. 21, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Feb. 28, 1924—LOT 10 BLK 3, Woodlake. Sacramento Hardwood Floor Co vs C M Mendenhall, C E Johnson, Fred W Kiesel, A B Carter and E Hendrickson $131

BUILDING CONTRACTS

FRESNO COUNTY

$2,500 and Over Reported

DWELLING and garage, $10,250; 555 Terrace Ave., Fresno; owner, Elmore Winkler, Mattei Bldg., Fresno contractor, Shorb & Neads, 1309 Linden, Fresno.
DWELLING $15,00; 913 Waterman St., Fresno; owner, F. C. Giles, Fresno.
DWELLING, $6500; 3538 Balch Ave., Fresno; owner, John Jukovich; contractor, C. E. Millhollen.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Amount
Feb. 28, 1924—LOT 8 BLK 5, Burlingame Park No. 2, Burlingame. John R McCallum et al to whom it may concern.....Feb. 15, 1924
Feb. 28, 1924—LOT 8 BLK 20, Western Addition, San Mateo. M A Pass to Charles Pederson.Feb. 21, '24
Feb. 29, 1924—LOTS 9 AND 10 West Brae. W H Esworthy to whom it may concern.....Feb. 27, 1924
Feb. 29, 1924—LOTS 17 AND 18 BLK 3, Homewood. Thos M Markel to W A Recon.....Feb. 21, 1924
Feb. 29, 1924—LOTS 8, 9 AND 10 BLK 295, Fresno. Joe Barbano to whom it may concern.....Feb. 28, 1924
March 1, 1924—LOTS 7, 8, BLK 10 High Addition, Fresno. Frank H. Walker to whom it may concern .....Feb. 29, 1924
March 1, 1924—LOTS 1, 2, BLK. 208 Fresno. J. M. Menend to whom it may concern .....Mar. 1, 1924
Mar. 1, 1924—PTN LOTS 12 AND 13 Blk 2, West End Homestead, Daly City. Homestead Realty Co to whom it may concern..Feb. 29, 1924
Mer. 1, 1924—LOT 14 PTN Lots 13 and 15 Blk 2 West End Homestead, Daly City. Homestead Realty Co to whom it may concern.....Feb. 27, 1924
Mer. 1, 1924—LOTS 3 AND 4 BLK 19, 5th Addition, San Bruno. Chas Block to B G Mills....Feb. 28, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
Feb. 28, 1924—LOTS 17, 18, BLK 1 Echo Tct, Fresno. Gingham Wenks Planing Mill vs Mary A. Waterman $287
Feb. 28, 1924—SAME. Harris & Pendergrass vs. Same $166
March 1, 1924—LOTS 17 TO 20, BLK 1, Echo Trace, Fresno. John Vierwinden vs F. J. Waterman.....$254
Feb 29, 1924—LOTS 5 AND 6 BLK 348, Fresno. Independent Electric Co vs Mary I Toms & Geo Ritchie.$20
March 1, 1924—SW ¼ SEC. 11, 14-20 Fresno. Fresno Builders Supply Co vs Anna Pearson $65
March 1, 1924—LOTS 56 TO 59, BLK 2, Recreation Park Tract, Fresno. Same vs D. E. Dewey $33
March 1, 1924—LOTS 17, 18, BLK 1, Echo Trace, Fresno. Fresno Roof & Paint Co. vs Mary A. Waterman & P. T. Loux $136

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Feb. 28, 1924—LOTS 3, 4 AND 5 BLK No. 2, Oak Park, Redwood City Wm Jamison vs H D Bagley and Antonio Lopez.....$327.95
Feb. 28, 1924—PTN LOT 7, Drexler Tract, San Mateo. Glenn Hayward vs Evasio Darsalo.....$38

BUILDING CONTRACTS

CONTRA COSTA COUNTY

CLUB HOUSE
E-THIRTEENTH ST., bet. Macdonald and Bissell, Richmond. Two-story brick club house and gymnasium. Owner—P. M. Sanford, Box 1061, Richmonr. Architect—one. $13,800

U. S. HOME OWNING CENTERS ARE SHOWN

Government figures show that Omaha leads all other American cities in the proportion of its citizens who own their own homes. The thirteen leading cities follow in the order of their standing as home-owning centers:

	Gain over 1900
Omaha	18.6%
Baltimore	18.4%
Philadelphia	17.4%
St. Paul	16.2%
Camden, N. J.	14.8%
Seattle	14.7%
Birmingham	14.3%
Kansas City, Kans.	13.9%
Portland, Ore.	13.2%
Des Moines	12.6%
Minneapolis	12.2%
Trenton, N. J.	11.9%
Wilmington	11.2%

EVIL EFFECT OF CLOSED SHOP

Charles W. Eliot, president emeritus of Harvard University, says. "The formidableness of this serious deterioration in the American mode of life is greatly increased by the persistent effort of the unions in the building trades to force their doctrines on the whole American people by means of nation-wide strikes or the threat of such strikes. If this effort should succeed so that the closed shop and small productiveness would become universal, the deplorable alteration in the common American mode of life already frequent would become more general. Moreover the degradation of the workmen which accompanies reduced productiveness would become universal instead of frequent, as now.

CLAY PRODUCTS COMPANY IS ORGANIZED

Articles of incorporation of the Gerlach-Richmond Clay Products Co, capitalized at $150,000, will be filed at Martinez within the next few days. Officers of the company are: John G Gerlach, president; Eliza E. Gerlach, vice-president; Alvin Gerlach, secretary-treasurer; Clyde L. Queen and P. B. Ellis, directors. The company will start plant construction within the next few weeks on the Timlow property in Stege, Contra Costa County. John Gerlach, president of the company, has had considerable experience in the clay industry. Thirty-six years ago he entered the employ of the Pacific Clay Manufacturing Co., now the Pacific Clay Products Co. Since that time he has been connected with the Los Angeles Stoneware & Sewer Pipe Co.; Garvanza Brick Co., Los Angeles Brick Co., and Douglas Clay Products Co. Gerlach was manager of the Richmond Pressed Brick Works from 1908 to 1920.

HAVE YOU SEEN HIM?

Thos. (Bud) Foley your mother wants you to come home. Your father is making every possible effort to reach you in the hope of saving your mother's life, which is slowly but surely ebbing away.

Every newspaper and every policeman in the U. S. has joined together in an effort to locate "Bud" who has been missing from his home, 84 Newtown avenue, Long Island, N. Y., since Jan. 2.

Probably you have seen him—he is described as follows: Age, 15 years, looks 17; height, 5 feet 6½ inches; weight, 140 pounds; eyes, grey; complexion, light; hair, light; nose, very slight break, has bad habit of picking his nose which has enlarged his nostrils; born, in New York; wore dark mixed suit, light tan overcoat, tan cap, tan shoes; student at De La Salle Institute; (expert chauffeur).

CONTRACTOR MISSING

According to newspaper reports from San Luis Obispo, J. E. McDougal, wealthy contractor of San Francisco, who recently paid several thousands down on the 12,000-acre Lynch ranch near here, has disappeared and all efforts by his wife and business associates to locate him have failed. Following the payment of a sum for an option on the ranch December 21, McDougal started south in an expensive make of automobile, on his way to Los Angeles. He has not been seen or heard of since, its is declared.

CALIFORNIA BANK CLEARINGS

Bank clearings, as reported to the California Development Association by the several clearing house cities for the five day week ending Thursday, February 28, 1924, showing amount of increase or decrease from the amount reported the corresponding six day week last year.

		Decrease
San Francisco..	$133,400,000	$28,300,000
Los Angeles....	133,704,000	5,377,000
Oakland	13,928,414	335,560
San Diego.....	10,257,830	493,867
Long Beach....	7,339,925	1,340,471
Sacramento	7,019,142	*1,162,989
Hollywood	6,212,062	.....
Pasadena	5,244,890	45,624
Fresno	2,770,923	1,127,701
Stockton	1,902,300	204,900
San Jose.....	1,676,425	116,547
San Bernardino.	1,389,187	331,600
Bakersfield	808,403	52,471
Riverside, not reported.		
Modesto	703,092	119,231
Santa Rosa.....	335,091	189,063
Whittier	475,396	73,778
Sta Monica Bay.	2,006,350	*729,242

*Increase.

Merced Irrigation District, Merced County, sets March 31 as date to vote bonds of $3,250,000 to finance completion of upper works in district including construction of Exchequer Dam, relocation of the Yosemite Valley Railroad and the erection of a power house.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
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Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
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Conqueror Paint and Varnish Remover
Pioneer White Lead

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FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

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SAN FRANCISCO, CALIF., MARCH 15, 1924

Published Every Saturday
Twenty-fourth Year No. 11

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The **Heavy Duty Mixer**

KOEHRING HEAVY DUTY

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

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Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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CLOSED SHOP RULES CHECK COAL OUTPUT

How open shop operation of coal mines makes for increased production appears in the recently issued annual report of the Federated Industries of Washington, whose investigations have disclosed the fact that the average of coal produced per man per day in that state for the past several years has been two tons under union conditions and three tons under open shop conditions.

Commenting on the progress of the open shop in the State of Washington, the report says:

"The successful change from years of closed shop domination of the commercial coal mines of Washington by the United Mine Workers' Union, to the open shop, continues to stand out as one of the greatest and most significant victories for the American plan of employment in the history of the West."

STREET TEST OF RUBBER FOR PAVING

The first test in the United States of rubber block for regular street purposes will be made in Racine, Wisconsin. A section of rubber pavement 20 feet in width and 75 feet in length will be placed on the city's principal street, where traffic is heaviest. The rubber block for the purpose will be made by the Goodrich Rubber Company and is of the type originally intended for grade crossing use.

BRICK, STEEL AND SAND INCREASING BUILDING COSTS

A comparison of current building materials prices with those of the corresponding period in 1923, shows higher levels for brick, steel, sand and several other factors affecting cost.

The prices of pine timbers and linseed oil, particularly in the New York market, are somewhat below those prevailing in the last week of February, 1923. Cement and gravel, however, seems to have remained approximately at the 1923 levels.

Steel, lumber, sand, gravel, linseed oil and common labor are all considerably below the 1920 peak, which occurred in June of that year. Cement, in a representative market such as that of Chicago, is 2 per cent higher than the 1920 peak, while common brick in New York are 17 per cent above.

Therefore, the immediate outlook of the building materials market is one of continually advancing prices commensurate with the increasing demand, but with the price level at least 12 per cent above a year ago and only 20 per cent under the prohibitive 1920 peak.

Adequate winter reserves will probably avert the usual spring brick shortage in New York. Pine lumber, however, is slightly scarcer owing to unusual winter demand and adverse cutting conditions.

Telegraphic reports to Engineering News-Record (New York) from the Seattle district, indicate that the fir lumber producers in that section of the country look to the Atlantic seaboard for a market, since the California district is reported over-stocked; railroad buying appears practically finished and production is still above normal.

STATE TO HOLD ENGINEER EXAMINATIONS

The State Civil Service Commission with headquarters in the Forum Bldg., Sacramento, announces an examination will be held in San Francisco next month for the position of associate bridge engineer, grade 5, paying from $285 to 350 a month.

Examinations will also be held in the immediate future by the commission for the following positions: Junior draftsman, grade 1; assistant civil engineering draftsman, grade 2; civil engineering draftsman, grade 3, and senior civil engineering draftsman, grade 4; junior engineering aid, grade 1; civil engineering aid, grade 2; junior civil engineer, grade 3 and assistant civil engineer, grade 4.

Further information regarding these examinations is obtainable from the Sacramento offices of the commission or from the State Free Employment Bureaus at San Francisco, Oakland, San Jose, Fresno, Stockton and Los Angeles.

The Pacific Gas & Electric Company has authorized an expenditure of $852,800 to enlarge the Vaca-Dixon substation at Vacaville. Improvements will include a third unit and equipment necessary to handle the 100,000 additional horsepower from Pit 3 development, Shasta County, which will be completed in 1925. Other additions will be built as other developments in the Pit district are completed.

INDUSTRIAL RELATIONS IN THE LUMBER INDUSTRY REVIEWED

"Industrial relations in the West Coast lumber industry" is the subject of a bulletin (No. 349) just issued by the U. S. Bureau of Labor Statistics. The problem of labor relations in the lumber industry has been especially difficult of solution because of the migratory nature both of the industry and of the workers. In this study an effort has been made to determine the underlying causes of the discontent of the workers in the industry and the conflicts between employers and employees which have prevailed in previous years.

A history of the lumber industry in the United States and its development on the West Coast (western Washington and Oregon) and an analysis of the internal financial organization of the industry are presented, in an endeavor to discover the ability of the employers to grant the reasonable demands of the workers. The hours of labor, rates of wages, and working and living conditions, and the actual demands of the industry upon the workers, as shown by an examination of the technology of the industry, are discussed, showing the actual situation back of the men's protests. The nativity and degree of skill of the workers are shown, and the social viewpoints of the workers are given spencial attention, as these attitudes toward life and society lie at the root of all labor problems.

There have been attempts by various agencies to reach a solution of the problems of labor relations in the industry, among these agencies being trade-unions affiliated with the American Federation of Labor, the I. W. W., the shop committee plan, co-operation, and the Loyal Legion of Loggers and Lumbermen. In this bulletin the history and influence of these various efforts are traced and their work and significance estimated.

LUMBER FIRMS SUES

The Sudden & Heitman Lumber Co. has filed suit against the Pacific Telephone & Telegraph Company to restrain the latter from interferring with its telephone service.

The lumber company states that it is the successor to the Christenson Lumber Company, and has retained the old telephone number. Now the Christenson Lumber Company has gone into business again, and the telephone company has instructed its employes to ask if every person calling Market 686 if they want the Christenson Company or Sudden & Heitman.

Sudden & Heitman alleges that this will seriously impair their business and work as a great inconvenience to callers.

American Society of Sanitary Engineers will be in Philadelphia Sept. 16, 17, 18 and 19. This will be the first meeting of the sanitary engineers in the East. The convention will bring together, from all parts of the United States and Canada, hundreds of sanitary, hydraulic and water work engineers, manufacturers of plumbing supplies, master plumbers and others in the allied lines.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Steps will be taken at once to eradicate dust on the Skyline Boulevard, it is announced by Harvey M. Toy, of the California Highway Commission. The commission has authorized the expenditure of $16,000 for the purchase of Calcium Chloride. This will be placed on the graded surface of the Skyline route as soon as possible. The compound absorbs moisture from the air and acts as a binder for the surface of the road, preventing dust and providing a smoother riding surface than is possible if the road were sprinkled. Division Engineer J. H. Skeggs expects to have the work underway in the immediate future.

As the result of a small fire in the attic of the East Bay Sanitarium Oakland, City Commissioner Frank Colburn of the Department of Public Health and Safety, has begun the draft of an ordinance to be submitted to the council providing, on adoption, for the removal of all hospitals now housed in frame buildings within a period of three years In his report to the council, Among frame hospital buildings are: East Bay Sanitarium, St. Anthony's, Oakland Central, Fabiola, Providence and Anderson's Sanitarium.

Opening to homestead entry of 350,000 acres in five western states—the largest area to be set aside for that purpose in a year—is announced by the Interior Department at Washington. Dates for filing will be announced later. The areas include 110,700 acres in Carbon and Phillips Counties, Montana; 69,000 acres in Landers and Pershing Counties, Nevada; 56,500 acres in Otero County, New Mexico; 55,000 acres in San Juan County, Utah; 39,959 acres in Lake County, Oregon, and 27,950 acres in Piute County, Utah.

February was the third consecutive month to show any increase in unfilled steel orders, making the highest monthly total since last September, when the books showed 5,035,750 tons. The weekly steel trade reviews recently declared that present conditions in the steel industry pointed to a period of sustained activity for the next few months. Railroads, automobile manufacturers and building contractors have been the largest purchasers of steel. February pig iron output was the largest since last August.

Sacramento Guarantee Building and Loan Association, capitalized at $1,000,000, with Sacramento as its principal place of business, has been incorporated. C. J. Mathews of the Mathews Construction Company of Sacramento is president of the association and Frank Hickman, secretary. Others interested in the new company are: Frank M. Newbert, D S. Watkins, L. T. Allee, Chauncey H. Dunn, Wilbur F. Brand, A. Teichert and Carleton M. Hickman.

A bond issue of $3,500,000 for the development of water supply on San Diego river will be submitted to the people of San Diego May 20. At the same time the people will vote on $225,000 additional bonds to complete Municipal Pier No. 2.

A program is now in preparation for the Tenth Annual meeting of the Building Officials' Conference, which will be held at the Brown hotel, Louisville, Kentucky, April 7-11. The tentative program calls for several papers by members of the organization on formulation and administration of building laws. The papers will be prepared with the special view of bringing out a general discussion. In addition, there will be reports from chairman of the several committees and from representatives of the various sections of the American Engineering Standards Committee. There will also be papers on new materials and methods of construction.

Minimum wage scales on the 8-hour basis as submitted at the recent convention of the Building Trades Department of the American Federation of Labor showed that bricklayers throughout the country were receiving from $1 to $1.50 per hour; carpenters, $0.85 to $1.25; plasters, $1 to $1.50; building laborers, $0.25 to $1.10; structural iron workers, $0.75 to $1.37½; plumbers, from $0.80 to $1.50; lathers, $0.70 to $1.62½; electricians, $0.70 to $1.25; stone cutters, $0.75 to $1.50. It was stated moreover that many workers are receiving bonus payments of from $1 to $4 daily in addition to the regular wage scales.

White traffic dividing lines are to be built into concrete roads instead of being painted upon them each season, according to Wm. M. Connell, engineering executive of the Pennsylvania Department of Highways. In the center of the road on grades and curves a four-inch strip of white cement will be built. Connell points out that the cost of building the line into the pavement will not equal the cost of a pointed white line with the necessary renewals.

Approximately 400 strikers out of 700 workers at the Coos Bay Lumber Company's mill at Marshfield, Ore., are demanding that the 5 per cent raise, authorized March 1 by the company be raised to equal the recent reduction given the workers. Pickets on the job are asking a minimum of $4 The lumber company claims that only 133 men are out on strike, while the strikers say the number will reach 400. Operators claim that both mills are running.

Surveys will be started at once under the auspices of the Sacramento Valley Development Association for a dam across San Pablo Bay from Point San Pablo to the Marine shore. The association has $40,000 available for the survey which will be made by Walker Young, who recently surveyed the Colorado river project. The proposed dam is to create a fresh water lake back of Richmond.

Tacoma's first "own your home" exposition will be held April 7-12 at the Gilde Rink, Tacoma, Washington, under the auspices of the Tacoma Own Your Home Association. The aim of this association is to encourage through a campaign of advertising to extend over a period of twelve months, more home owners among Tacoma citizens.

ALONG THE LINE

The Board of Examiners of the State of Nevada has adopted a resolution to the effect that no payment will be approved to any contractor on contracts hereafter awarded by the State Highway Department, unless the surety bond given with such contract bears the signature and approval of a resident agent in the State of Nevada.

Reports from various parts of California indicate that the convention of the California State League of Building & Loan Associations to be held in San Jose on May 23 and 24, will be one of the most largely attended in the history of the league.

James O. Wanzer, formerly city manager of Marysville, has been appointed general manager of the Marysville Brick Company and will assist the company in the proposed expansion of its plant in that city.

Chico city trustees have rejected a claim for $935.68 presented by Frank S. Robinson, former city engineer, for expenses incurred in preparing plans for a paving contract which was declared illegal by the Superior Court.

Geo. McLachlan, pioneer contractor of Palo Alto, died in that city March 5, after a lingering illness. McLachlan, a native of Scotland, arrived in Palo Alto 23 years ago.

W. J. Roberts of Tacoma, Wash., has been engaged by the commissioners of the port of Kelso, Wash., to lay out a comprehensive scheme of harbor improvements in the Kelso port district.

Frank I. Towle, president of the Log Cabin Syrup Co., on a recent visit to Seattle, announced his company plans early construction of a $300,000 plant in that city.

Of a $7,500,000 appropriation, California will receive $2,597,000 to construct roads and trails in its National Parks. The work will extend over a period of three years.

H. C. Bottorff, city manager of Sacramento, has been granted a $5000 a year increase in salary. The position now pays $15,000 a year.

Edgar McKee, president of the Los Angeles Harbor Commission, has been removed and C. J. Colden appointed to the place.

Town trustees of San Anselmo have started proceedings to improve a number of streets, under one contract, the improvements to cost $145,000.

The entire plant of the South Bend Lumber Company, South Bend, Wash., will be sold at receiver's sale. It is valued at $30,000.

The E. K Wood Lumber Company has increased its capital stock to $10,000,000.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

BRICK MANUFACTURERS FIND ADVERTISING PROFITABLE

The Common Brick Manufacturers' Association of America, speaking through its monthly digest, declares that as a result of the recent national convention of common brick manufacturers in Los Angeles the conclusion reached is that there will be a continuation of the high volume of building construction throughout the country.

It says:

"In those sections of the country where there were good building conditions in 1923 there is every indication that the present year's volume will be equal, if not greater. In some of the agricultural sections where construction has been adversely affected by local conditions, there also is little to indicate a change.

"The response of this old industry to co-operative advertising is one of the remarkable examples of this country of the value of organized advertising. Common brick showed a loss in consumption between the year 1909 and 1919 of 79 per cent. In the five years since 1919 national advertising has put the industry back to a point within 20 per cent of its highest consumption."

The report also shows that in California, Arizona and Nevada, there was a total of 76,692,000 burned brick on hand, 11,478,000 unburned brick on hand and orders on the books for 10,920,000 brick.

ALAMEDA BUILDERS' EXCHANGE ADDS NEW MEMBERS

Under the heading of progress, E. W. Shaw, secretary of the Builders' Exchange of Alameda County, with headquarters in Oakland, reports the following as new members of the organization: Harry E. Drake, Brick Contractor; Superior Tile & Products Co., Mantel and Tile Dealers; Sam Pedgrift, Plastering Contractor; P. M. Henning, Cement Contractor; United States Metal Products Co., Mfgrs of Metal Window Doors and Building Materials; W. C. Spaulding, General Contractor; N. Gaubert & Co., General Contractor; Robert J. Robertson, General Contractor; W. J. King & Sons, Blackboard Manufacturers; H. M. Lawrence, Ford, Fordson & Lincoln Dealers; John J. Donovan, Architect; Wm. Knowles, Architect; Lambert Cushion Tire Co., Tires for Commercial use; A. Guerriero, Plastering Contractor; G. Leone, Plastering Contractor; Pioneer Paper Co., Manufacturers of Roofing & Building Paper.

CONTRACTORS ELECT

G. J. Kieburtz of the Pacific States Construction Company has been elected president of the Seattle Branch of the Associated General Contractors of America. Kieburtz succeeds Arthur Gerbel of the Great Northern Construction Comuany. Other officers elected follow: J. S. Christie, Puget Sound Bridge & Dredging Co., vice president; George Teufel, Grant Smith & Co., secretary; Alfred Carlson, Scherer & Carlson, treasurer. President Kieburtz will appoint three members of the branch to serve with the officers on the board of directors.

General Contractors in South Stand Solidly For American Plan

Southern California Chapter, Associated General Contractors, will stand solidly in defense of the open shop, or "American Plan," in the building industry, according to a reply made by it to a notice from the Southwest Tile Contractors' Association that certain construction firms had been declared "unfair" by the tile setters' union and that the tile setters would not work on any job contracted by these firms after Feb 5. A draft of this reply was approved at the regular meeting of the Chapter Feb. 21 and a copy forwarded by Secretary Glass to J. W. Broxholm, secretary of the Southwest Tile Contractors' Association. The text of the letter follows:

"We have at hand your communication to some of our members regarding a blacklist of contractors sent out by the office of the Tile Layers and Marble Masons' Union. This matter was discussed by a large gathering of our members and the seriousness of the thing which the union officials are proposing to do was fully considered.

"In the face of this city's remarkable development as a growing industrial center with the great attraction of complete industrial freedom for employer and employes alike, it is now proposed to burden Los Angeles with the yoke that has killed enterprise and retarded the development of every community where it has been imposed.

"With the past and future development of our city based upon the maintenance of the open shop principle in the employment market, for the benefit of the independent and non-affiliated worker as well as the employer, the general contractors would be delinquent in their duty to the community in which they have their every interest if they did not take a determined stand against the sympathetic strike and all its attendant evils. It was therefore the unanimous vote of a majority of our building members at a special meeting that the following statement be forwarded to your association to make clear our attitude in the matter:

"The members of the Southern California Chapter, Associated General Contractors of America, are determined to continue to employ upon their work such mechanics as they may elect and will combat with the full strength of our association and other interested organizations any attempt to boycott or intimidate any member of the chapter for such action.

"We do not understand why they have selected a few construction firms, members of this organization, for the purpose of this attack, because it has been the practice of our entire membership and practically all other contractors of the city to operate their work on the 'American Plan.'

"From this it appears plainly evident to us that the threat is intended as an entering wedge, to be followed by a general disruption of the present open shop conditions, which have brought industrial prosperity to this city and in which your own organization has very greatly shared.

"But we believe a sympathetic strike which is threatened is being urged upon your union by either ill-advised or hot-heated members and that your majority will not care to accept the responsibility of attempting to close Los Angeles against freedom of opportunity for every workingman.

"If your union should unfortunately decide upon such a challenge we shall endeavor to meet it squarely and with the conviction that public opinion will support us."

S. F. BUILDERS TO ELECT ELEVEN DIRECTORS

The annual meeting of the members of the San Francisco Builders' Exchange will be held next Monday, March 17, at which time the election of the directors for the ensuing year will take place. Twenty nominees are on the ballot, these being:

C. S. Allred, Home Builders' Ass'n.
Geo. T. Bowen, Master Painters' & Decorators' Ass'n.
C. G. Berg, Brick Manufacturers' Association.
E. E. Brown, Electrical Contractors — Dealers Association.
W. M. Cashman, Roofing Contractors' Association.
R. J. H. Forbes, Concrete Contractors' Association.
W. H. George, Building Material Dealers' Association.
W. F. Garby, Lighting Fixture Ass'n.
Emil Hogberg, Mason & Builders' Association.
Ernest Held, Cabinet Manufacturers' Association.
Joseph B. Keenan, Marble Dealers' Association.
H. T. Lynch, Contracting Lathers' Association.
Alexander Mennie, Master Plasterers' Association
J. D. McGilvray, Cut Stone Contractors' Ass'n.
James H. Pinkerton, Master Plumbers' Ass'n.
D. J. Sullivan, Underp. & Housemovers' Ass'n.
F. S. Spencer, S. F. Plan. Mill Owners' Ass'n.
J. G. Williams, Steel Erectors' Ass'n.
Geo. A. Wieland, Sheet Metal Contractors' Ass'n.

A. A. E. CONVENTION PLANS ARE PROGRESSING

Elaborate plans are being made for the tenth annual convention of the American Association of Engineers, to be held in San Francisco June 11 to 14, inclusive.

W. H. Phelps, division engineer of the Southern Pacific East Bay Electric Line, past president of the San Francisco Chapter, has been selected as chairman of the transportation committee.

Damian L. Reynolds, engineer with the car department of the Pacific Fruit Express Company, will be in charge of the committee on public information.

Chairmen of other committees are as follows: Charles H. Lee, finance; W. W. Brier, accommodation; Thomas H. Means, entertainment.

ELECTS OFFICERS

Officers of the Electrical Supply Jobbers' Association, at the quarterly convention of the organization in Del Monte, were elected as follows: R. Holterman of San Francisco, chairman; Albert H. Elliot of San Francisco, secretary; Tracy Bibbins of San Francisco, executive committeeman. Bibbins will represent the Pacific division of the association at the national meeting.

S. F. FEBRUARY BUILDING TOTALS $3,912,166

Private building operations in San Francisco for the month of February, just closed, totaled approximately $3,912,166, according to figures compiled by John P. Horgan, chief inspector of buildings of the department of public works. During the month a total of 794 permits were issued, Horgan reports, 401 of these being for new structures aggregating an expenditure of $3,466,779.

The activities of the past month show an increase of $733,753 over those of January, 1924, and an increase of $633,490 of those of February, 1923. During January of this year 773 permits were issued and during February, 1923, a total of 782 permits were granted.

Home building leads all other activities with flats and apartment buildings following in order. The bulk of the construction activities undertaken in San Francisco during the past few months shows that the erection of homes and two-family buildings are in great demand. Those who build to sell, report the market crowded with prospective home buyers.

A notable feature of the activities of the past few months is the steady gain in the erection of industrial plants. Many of these structures, however, cannot be classified, due to the fact that they are erected before leases or purchase are completed.

The following is a complete report covering the February, 1924, activities, as compiled from records of the Bureau of Building Inspection of the Department of Public Works:

Class	No. of Permits	Est. Cost
"A"	1	$ 75,000
"B"	1	150,000
"C"	30	951,700
Frames	369	2,290,079
Alterations	393	445,387
Total	794	$3,912,166

PACIFIC MALLEABLE CASTING LOCATES IN OAKLAND

One of the largest malleable iron castings foundries in the United States west of the Mississippi will be constructed at once in Oakland by the Pacific Malleable Castings Company. A site of 15 acres for the plant was acquired several weeks ago at Eighty-fifth Avenue and the Southern Pacific tracks. A permit for the first unit of the factory has been obtained.

The property has a frontage of 1000 feet on the Southern Pacific and 1300 feet on the east side of Eighty-fifth Avenue A spur track of 1500 feet in length will be installed at once.

The first unit of the factory will cost approximately 57,000 square feet. The building will be 360 by 160 feet in size and will be equipped with all modern foundry machinery, including molding machines, traveling cranes, air compressors, annealing ovens and furnaces.

The company plans to produce all lines of malleable castings for railroads, automobile plants, street car lines, tractor plants, implement manufacturers, shipyards, canneries and oil and packing industries.

Pending the final organization of the company, H. H. Whiting has been elected president and John Tuohy vice president. These men hold similar offices with the Best Steel Casting Company of Oakland.

According to the Oakland Chamber of Commerce the principal stockholders in the new industry are eastern people, including W. A. Forbes and G. O. Forbes, president and secretary-treasurer respectively, of the Rockford Malleable Iron Works.

Building Gains With Opening Of Spring Season—Homes Needed

An Associated Press dispatch from New York carries the following message on the construction outlook as seen from that point:

Building construction is on the move upward. There is every prospect that as much building will be undertaken this month throughout the country as supplies of materials and labor will permit. The movement has been aided by the open winter, and construction for the first two months of the year was in the neighborhood of 20 per cent above the corresponding period of 1923.

In fact there seems little likelihood that the volume of construction work will fall off during 1924 unless building costs increase materially. This latter contingency is not by any means impossible. In most instances wage agreements have been arrived at for some time to come. But contractors, investors and speculators may offer bonuses if the pressure of work is severe. The volume of building may be estimated and this pressure measured by the fact that there is a housing deficiency which it will require expenditure of at least $5,000,000,000 to fill.

The greatest lack still is in residential building. Hotel, business and office construction appears ample in many sections, and there has been a falling off in demand for apartments at the present rates of rent charged in some cities. This has checked construction somewhat in Chicago and other mid-western centers of population.

The major part of the spring building activities are pretty sure to be absorbed by the larger cities. Building since January 1 shows that nearly 75 per cent of the construction in 280 communities was confined to twenty-five of the larger centers The volume of building in the larger centers is out of proportion to their population and would seem to indicate that in the smaller cities the building shortage is not being so successfully relieved.

There has been, of course, a tremendous drift of population city-ward and so far there is no evidence of a return flow country-ward. However, careful real estate men are refraining from counting all this influx as permanent urban populataion.

The greatest proportion of building gains so far this year has been in the South, where construction has been about 25 per cent ahead of the early part of last year. This, of course, is natural since weather conditions have favored construction in that section. In the colder sections, New York, Philadelphia, Boston, Newark, Providence and Jersey City showed greatest gains.

The steel and material men express extreme confidence in the continuation of building, at least for the next four months. The United States Steel Corporation is spending $6,000,000 in reconstruction and improvement of plants. Many bankers confidently predict construction this year will entail the spending of between four and five billion dollars.

Some industrial plants, however, are leaving the larger cities in order to find cheaper land. Localities which once were devoted to manufacturing and refining industries have been sought by other interests willing to pay more. The latter in consequence are being shoved into the country.

University of California Plans Course in Building Materials

"The course on Building Materials is interesting not only to contractors and builders, but to anyone, man or woman, who contemplates building," is the statement of C. T. Wiskocil of the Civil Engineering Department, University of California.

"We discuss the type of construction which goes into an ordinary frame dwelling. We go even back of that to the subject of how lumber is produced, often examining trees from the botanical standpoint In connection with such examination and analysis terms often arise which need explanation. The expression 'dry rot' is an example of this. Most people know very little about the nature of the term and are glad to have a careful explanation of it and its effect upon wood. They learn that Egyptian coffins which have been protected by the tombs in which they are placed are in excellent condition, being thoroughly dry, and that insects do not attack wood which has no moisture in it."

After the foundation to a building is laid in the class room and the superstructure rises, Professor Wiskocil discusses at length such subjects as floor coverings, grains of wood, adaptability of materials for certain types of architecture.

It is surprising according to Professor Wiskocil, to find how little people know about concrete, iron, steel, terra cotta, copper and other similar materials used in building. He therefore gives special attention to each of the subjects, dwelling on the wisdom of building cement houses, on the durability of wrought iron, on the costliness of terra cotta, on the uses of copper as roofs of all the big skyscrapers in New York, and countless other interesting points.

To add to the interest of the lectures Professor Wiskocil uses slides to illustrate various points. In addition to this he has at hand a variety of test specimens. For instance, if he is talking about roofing tile, he has an example of such tile. If he is explaining the way wrought iron is made he examplifies what he has to say by producing a piece of wrought iron If he is talking of steel he shows a piece of steel and the same way with blast furnace slag or lime stone.

Professor Wiskocil was graduated from the University of Wisconsin with the degree of Civil Engineer and is at present Assistant Professor of Engineering, University of California. The Extension Division is particularly fortunate in securing the services of Professor Wiskocil for this course on Building Materials which has its first meeting on Thursday, March 20th, 7 P. M. at Room 237 Merchants' Exchange Building, San Francisco. The first meeting of the course is open to the public.

TRADE NOTES

Fred Hayden, for many years a member of the San Francisco Builders' Exchange and the original General Contractors' Association, has entered the San Francisco building field with the sales organization of Malott & Peterson. Hr. Hayden established the branch of Malott & Peterson at 80 Vine street, San Jose, which has been taken over by Thos. H. Price, former vice-president of that concern. Mr. Hayden has assumed the duties of Mr. Price, maintaining headquarters at 2412 Harrison street, San Francisco.

Articles of incorporation have been filed at Sacramento by the Tahoe Sugar Pine Lumber Company. The principal place of business is Sacramento. The company is capitalized at $1,000,000 of which $500 has been subscribed by the organization directors. The officials are: William J. Conroy of San Francisco, J. W. S. Butler of Sacramento, R. T. Stone and L. M. Stone, both of Forest Hill, and J. N. Stone of Mulberry.

Effective April 1, the California Builders Co., will be located in new quarters at the southwest corner of Seventeenth and Franklin streets, Oakland, in the heart of realtors' and builders' row. The new quarters will provide adequate accommodations for a corps of draftsmen which prepare plans for the project handled by the company. M. G. Kendall is general manager of the company and Horace D. Jones, superintendent of construction.

The Valley Concrete Pipe Company, operating at Yuba City, will increase its capital stock to $100,000 and change its name to the Valley Concrete Pipe & Products Company. The plant of the company at Van Nuys, California, will be dismantled and moved to Chico. The company with a plant at Gridley, will have three plants in operation in the Sacramento Valley.

Pierce Lewis has been appointed advertising and sales promotion manager of the Truscon Steel Co., and will have complete charge of this department which is now located at the home office and plant in Youngstown, Ohio Mr. Lewis has been connected with Kawneer Manufacturing Co., Detroit Steel Products Co., and as assistant advertising manager of the Truscon Co.

Herbert J. Quinn, former manager of the Oakland office and for the past three years manager for the Pacific Manufacturing Company in Los Angeles, has gone into business for himself in Los Angeles operating under the firm name of the Herbert Quinn Millwork Company, Inc.

Kimball Bros. Company, one of the largest and oldest exclusive elevator construction companies in the country, has established headquarters for southern California in Los Angeles, with temporary office at 702 Grant Bldg. C. C. Griswold is district manager.

Nine Brothers' Lumber Co, operating in Siskiyou County, will erect a sawmill in a 42-acre site on the outskirts of Klamath Falls, Ore., with a daily capacity of from 60,000 to 70,000 board feet. Plant will be located on the Strahorn railroad.

Red River Lumber Company, operating at Westwood, Calif. contemplates extensive enlargements and improvements. A feature of the enlargement program will be the erection of a $500,000 veneer plant at Westwood.

Hayward Lumber & Investment Co. of Los Angeles will open a branch yard on the S. P. reservation in Merced, according to announcement of Sam T. Hayward, vice-president of the company.

Pacific Clay Products Company is expanding its principal plant at Los Nietos, Calif., at a cost of $150,000. Six new kilns for terra cotta and fireproof materials have been added. The main factory building will be 1000 by 200 feet when completed. Wm. Lacy is president and C. V. McClintock, superintendent of the company.

Foreign Construction Projects

(Further information pertaining to the following items may be obtained from the Bureau of Foreign and Domestic Commerce of its district and co-operative offices by referring to the reference numbers given. Where no reference number is given further information is not available.)

New Hotel in Shanghai

A hotel which will cost approximately $114,000 including equipment and furnishings will be built in Shanghai by a firm of Chinese in the near future. The new building will have 150 rooms, most of which will have private baths. The new hotel will be of the most modern type with a roof garden. Reference No. 120483. (Consul General Edwin S. Cunningham, Shanghai, China.)

Railway Projects for Colombia

A bill has passed the Colombian Congress and has been signed by the President, providing for the construction of a road between Cucuta and Pamplona; and of what is known as the Carare Railway. Four copies of a translation of the law providing for these two railway extensions are available, one at each of the following district offices: New York, Philadelphia, Chicago and New Orleans. Reference No. 115787. (Minister Samuel H. Piles, Bogota, Colombia.)

Equipment for Lloyd Barrage

According to a recent statement of the Chief Engineer of the Lloyd Barrage (formerly Sukkur Barrage) there will be an opportunity for the sale of considerable miscellaneous equipment such as dredges, tugs, pontoons and launches. According to him, there will be necessitated a model town for the housing of the staff during the work of construction. This will be of interest to American manufacturers of portable houses. (Original Report by Avra M. Warren, Karachi, India.)

Club Building at Shanghai

A club building costing in the neighborhood of $70,000 will be built on Myburgh Road, Shanghai to be completed next April. The building will be erected under the auspices of the Shanghai branch of the Navy League (British) and will have sleeping accommodations for 75 men and include an assembly hall, a billiard room, reading rooms, and a bowling alley. Reference No. 120482. (Consul General Edwin S. Cunningham, Shanghai, China.)

Casino at Santos, Brazil

Local interests are planning to erect at Gonzaga, on the Bay front, a combined hotel, casino, and bathing resort, which it is said will be the largest establishment of its kind in South America. The building permit has been granted by the Municipal Government. This project will be fully reported at a later date as it is believed that the undertaking will afford an excellent opportunity for the sale of American building materials and hotel equipment. Reference No. 120361. (Consul Herndon W. Goforth, Santos.)

Public Works in Australia

Nearly £2,000,000 have been set aside by the Australian Government for the construction of water works during the coming year. A list of projects and the sums of money allotted for each during the coming year, and also a statement regarding the possibility for Americans to participate in the work is available to accredited firms. Reference No. 120588. (Consul Norman L. Anderson, Melbourne.)

Linoleum Factory for Australia

A contract for the construction of a large linoleum factory has recently been let to a firm in Sydney. The site of the new factory covers 5½ acres and has both rail and water communications. The works are expected to be completed during 1924. Reference No. 118179. (Vice Consul P. H. Moseley, Sydney.)

Waterworks Extension

The extension of the waterworks system at Shoka, Formosa, Japan, is being considered. The total cost of the project will be in the neighborhood of 250,000 yen. (The current rate of the yen is $0.457.) The Taichu provincial government will carry on a survey section in the near future. (Consul H. T. Goodier, Taiwan, Formosa.)

Manchurian Railway

A railway company in North China plans to spend approximately 45,000,000 yen on important improvements at one of the principal points along its line. Plans include the installation of new machinery and machine shop equipment, the improvement of dock facilities, and the erection of a new hospital, which is already under construction. The extension work will commence about April 1 of this year. Reference No. China 35x—c. (Commercial Attaché Julean Arnold, Peking, China.)

Indo-China Port Improvements

A French company plans to make the Port of Saigon, French Indo-China, a modern port, constructing piers, warehouses, loading machinery, etc., involving an expenditure of several millions of dollars. The proposed developments are contingent upon the cession of this port to this company by the Government for a period of 65 years. This is stated as being favorably considered. Reference No. 119663. (Consul Leland L. Smith, Saigon, French Indo-China.)

Buildings in Australia

Two 10-story buildings are in process of construction in Melbourne. Other building work includes a 5-story reinforced concrete factory which will cost about £100,000, a handsome bank building, and an insurance office building. It is also reported that factory suburbs are experiencing building expansions. A feature of importance is that several of the larger projects are in the hands of a local firm of two architects, one of whom is an American. This firm as a rule specifies certain American building materials and appliances in its plans. Reference No. 14706. (Assistant Trade Commissioner Elmer G. Pauly.)

Building News Section

APARTMENTS

Contractor Taking Sub-Figures.
APT. BLDG. Cost, $45,000
SAN FRANCISCO, N Eddy St. 190 W Leavenworth.
Four-story reinforced concrete store & apartment building.
Owner—Francis O'Reilly, 734 14th Ave. San Francisco.
Architect — Mel. I. Schwartz, Nevada Bank Bldg., San Francisco.
Contractor—Vukicevich & Bagge, 815 Bryant St., San Francisco.

Bids In and Under Advisement.
APARTMENTS Cost, $40,000
SAN FRANCISCO, NW Larkin and Greenwich Sts.
Three-story frame and stucco apartment house.
Owner—Miss Annie Comvey.
Architect — Powers & Ahnden, 460 Montgomery St., San Francisco.

Bids Opened.
APT. BLDG. Cost, $21,000
BERKELEY, Euclid Ave. & Hilgard St.
Two-story and basement frame and stucco apt. bldg. (4 4-room apts.)
Owner—Mrs. Wright.
Architect—W. H. Ratcliff Jr., Mercantile Bank Bldg., Berkeley.

D. Norstrom, 4146 Emerald, Oakland	$21,980
Conner & Conner	22,300
W. Sorenson	22,395
Michelsen	22,418
S. Bertelsen	22,957

Plans Complete.
APARTMENTS Cost, $10,000
SAN FRANCISCO, W 8th Ave. 125 S Lincoln Way.
Two-story and basement frame (4) apartments.
Owner—John Stein, 223 Steiner St., San Francisco.
Architect—Frederick G. Mund Jr., 58 Francis St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $14,000
BERKELEY, Hilgard Ave.
Two-story frame and stucco apartment (4 apts.)
Owner—W. B. Kyle, 3021 Claremont, Berkeley.
Architect—Miller & Warnecke, Perry Bldg., Oakland.
Contractor — Davison and Nicolson, Box 1022 Stockton.

Plans Being Prepared.
STORE & APTS. Cost, $20,000
SAN FRANCISCO, SE PACIFIC & MASON Sts.
Two-story frame and stucco store and apts. bldg. (3 stores and 5 apts.)
Owner — Jacob Weissbein, Fairmont Hotel, San Francisco.
Architect—Baumann — Jose, 251 Kearny St., San Francisco.

Plans Being Prepared.
APT. BLDGS. Cost, $150,000
SAN FRANCISCO, SW Pierce & Union Streets.
Three 3-story frame and brick veneer apt. bldgs. (2 apts. to have 12 4 & 5-room apts. and the other 4 & 5-room apts.)
Owner—Emil Nelson, 78 Allston Way, San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Work will be done by days labor and sub-contracts.

Owner Taking Sub-Figures.
APARTMENTS Cost, $20,000
SAN FRANCISCO, N Page 156-3 E Pierce.
Three-story and basement frame (9 3 & 4-room) apartments.
Owner—Adolph Petry, 764 Page St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Segregated Figures Being Taken.
APARTMENTS Cost, $45,000
OAKLAND, Alameda Co., Cal. Ellita Ave. near Grand Ave.
Owner—C. S. Lockwood, 438 Perkins St., Oakland.
Architect—Leonard H. Ford, 306 14th St., Oakland

Owner Taking Sub-Figures.
APARTMENTS Cost, $20,000
SAN FRANCISCO, NW Fulton and 17th Avenue.
Three-story and basement frame (12) apartments.
Owner—I. Epp, 4747 Geary St., S. F.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Plans Being Prepared.
APARTMENTS Cost, $—
SAN FRANCISCO, S California W Jones 50 by 137-6.
Six-story and basement class C steel and brick apartment house (36 apartments).
Owner—John & David De Martini.
Architect—E. E. Young, 2002 California St., San Francisco.
Segregated figures will be taken in two weeks.

Permit Applied For.
APT. HOUSE Cost, $35,000
SAN FRANCISCO, E Taylor 62-6 N Clay.
Three-story and basement reinforced concrete apt. house.
Owner—Depaoli & Podesta, 1349 Grant Ave., San Francisco.
Architect — C. H. Barrett, 342 Grant Ave., San Francisco.

Completing Plans — Owner To Take Figures.
STORE & APTS. Cost, $20,000
OAKLAND, Alameda Co., Cal., San Pablo Ave., near 35th St.
Two-story frame store and apt. bldg.
Owner—M. Allen, 1214 Webster St., Oakland.
Architect — Hutchinson & Mills, 1214 Webster St., Oakland.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. **Fold-up-Dors,** Ti-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-slipping flooring. — Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET

Sutter 5907 San Francisco

Bids Being Taken For Painting, Lathing & Plastering — Sub-Contracts Awarded.
APT. HOUSE Cost, $150,000
SAN FRANCISCO, S California St 154-3 W Jones.
Six-story and basement class C apt. house (95 rooms, 2 & 3-room apts)
Owner — C. Petersen, 390 6th St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Grading awarded to Farrar & Carlin, 180 Jessie St.
Concrete work to Herman T. Ludwig, 636 Jessie St.
Reinforced steel to Gunn-Carle Co., 444 Market St.
Sheet iron work to Anderberg & McCaron, 1998 Polk St.
Electric work to Crescent Electric Co., 1167 Harrison St.
Mill work to S. H. Chase Lbr. Co., San Jose.
Elevators to Spencer Elevator Co., 166-180 Seventh St.
Plumbing & heating to C. Petersen Co. 390 6th St.
Mr. Petersen is now taking figures for the painting, lathing and plastering.

Contract Awarded.
APT. BLDG. Cost, $21,980
BERKELEY, Euclid Ave. & Hilgard St.
Two-story and basement frame and stucco apt. bldg. (4 4-room apts.)
Owner—Mrs. A. C. Wright.
Architect—W. H. Ratcliff Jr., Mercantile Bank Bldg., Berkeley.
Contractor—D. Norstrom, 4146 Emerald Oakland.

Segregated Figures To Be Taken Next Week.
STORES & APTS. Cost, $100,000
SACRAMENTO, Cal., SE 12th and L Sts.
Six-story reinforced concrete stores and apartments.
Owner—B. S. Berry, 110 Sutter St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Owner Taking Sub-Figures — Grading Started.
APT. BLDGS. Cost, $40,000
SAN FRANCISCO, S Washington 68-9 and 123-9 E Jones St.
Two 3-story and basement frame apt. bldgs. (12 apts. in each bldg.)
Owner—Axel A Johnson, 632 Belvedere St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $12,936
SAN FRANCISCO, S Green 80 W Steiner Street.
Two-story frame apartments.
Owner—Irida Cheda Roman and Emily C. Thomas, 746 22nd Ave., S. F.
Architect—Philip Schwerdt, 2920 Jackson, San Francisco.
Contractor—C. Olsen, 963 Sanchez, San Francisco.

Completing Plans.
APT. BLDG. Cost, $100,000
SAN FRANCISCO, S Pine St., bet. Powell and Mason Sts.
Five-story reinforced concrete apartment building.
Owner—Ernest Johnson, 581 Belvedere St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Sub-figures will be taken by the owner next week.

Completing Plans.
APT. BLDG. Cost, $50,000
SAN FRANCISCO, SW California St. & 16th Ave.
Three-story frame and stucco apt. bldg (12 3 & 4-room apts.)
Owner—Strand & Strand, 4 Steiner St., San Francisco.
Architect—Baumann & Jose, 251 Steiner St., San Francisco.
Sub-figures will be taken by the owners in about a week.

Figures To Be Taken In Ten Days.
APT. HOUSE Cost, $40,000
OAKLAND, 12th St., bet. Grove and Castro Sts., Oakland.
Three-story brick apt. house.
Owner—I. Mendelssole, 892 54th St., Oakland.
Architect — Miller & Warnecke, Perry Bldg., Oakland.

Completing Plans.
STORE & APT BLDGS. $20,000 each
SAN FRANCISCO, Fulton St. and Masonic Ave.
Two 2-story frame and stucco store & apt. bldgs.
Owner — Jacob Weisshein, Fairmont Hotel, San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Contractor To Take Sub-Figures.
APARTMENTS Cost, $100,000
SAN FRANCISCO, S California 103 W Jones 50 by 137-6.
Six-story and basement class C steel and brick apartment house (36 apartments).
Owner—John & David De Martini.
Architect—E. E. Young, 2002 California St., San Francisco.
Contractor—M. A. Little, 534 Geary St. San Francisco.

LOS ANGELES, L. A. Co., Cal.—W. I. Murray, 413 Western Mutual Life Bldg. is preparing plans for a 3-story apt. bldg. to be erected on S Alexander St. near Western Ave. for a local client. There will be 27 single and three double apts. Three story, 45x120 ft., frame and stucco constr., tile rfg., gas rads, aut. water htrs., tile baths and drainboards, hardwd fls., pine trim, wall beds, refrigerators, fire escapes, electric service elevator; $85,000.

ALHAMBRA, Los Angeles Co., Calif. —The Alhambra Tranfer & Storage Co. Alhambra, has begun work on the excavating for the hotel and apt. bldg. group to be erected on the S Garfield Ave. front of the old Clark estate in Alhambra for the Community Hotel Corp. Robert B. Stacy-Judd, archt., Los Angeles, has established an office on the site. G. Hausen will be superintendent of constr. All work will be by sub-contract. Bids for concrete basement constr. will be received at once.

ORANGE, Orange Co., Cal.—A syndicate headed by Fred Grote has purchased a site on W Chapman Ave., near Olive, for a 4-story modern hotel which the syndicate proposes to erect. The plans call for an expenditure of about $500,000.

LONG BEACH, L. A. Co., Cal.—Beekley Bros., 844 Main St., Long Beach, have had plans prepared and will erect a class C hotel and apartment bldg. at n.w. cor. of Union Ave. and Girard St. for themselves. Thirty-six apartments, 16 hotel rooms; dimensions, 48x134 ft., 4-story and basement, brick walls, press. brick facing, comp. rfg., metal skylights, fire escapes, pine trim, oak and pine flrs., elevator, steam htg., wall beds, tiled baths; $125,000.

BONDS

LONG BEACH, L. A. Co., Cal.—Until March 17, county supervisors will receive bids for $1,100,000 school bonds, a portion of the $4,900,000 school bond issue, voted at the last election. Austin C. Price, secy. of the school board. The present bonds are to be divided as follows: $600,000 elementary school bonds and $500,000 high school bonds.

SANTA ANA, Orange Co., Cal.—The $150,000 grammar school bond issue carried at the recent election, but the $100,000 high school bond issue was defeated.

LOS ANGELES, Los Angeles Co., Cal. —An election will be held March 28 in the Los Nictos school district to vote on a $100,000 bond issue for school purposes. Trustees are: E. B. Chambers, L. C. Safford and G. E. Miller.

SAN BERNARDINO, San Bernardino Co., Cal.—An election will be held Mar. 28 in the Fontana school dist., San Bernardino county, to vote on a $45,000 bond issue for school bldgs., equipment sites, etc. Trustees: H. S. Barbee, G. F. Calkins and Mrs. Georgia Stover.

WOODLAND, Yolo Co., Cal.—March 29 is date set in Woodland High School District to vote bonds of $250,000 to finance construction of high school to replace structure recently destroyed by fire. Preliminary plans have been prepared by Architect W. H. Weeks, 369 Pine St., San Francisco.

EUREKA, Humboldt Co., Cal—Bonds of $450,000 voted in Eureka Junior High School District to finance erection of new junior high school, preliminary plans for which have been prepared by Architect J. J. Donovan, Tapscott Bldg., Oakland. Vote was 2117 in favor and 842 against the issue.

OROVILLE, Butte Co., Cal.—Bonds of $52,000 voted to finance erection of $25,000 school for southern section of city and $7000 addition to east side school, the balance of issue to finance future improvements.

CHURCHES

Contract Awarded.
ALTERATIONS Cost, $10,025
SAN JOSE, SW Cor. St. John St and Second St.
Alterations and additions to Trinity Parish House.
Owner—Rector, Wardens & Vestrymen of Trinity Parish, San Jose.
Architect—Binder & Curtis, 255½ S 1st St., San Jose.
Contractor — Charles A. Thomas, 692 San Pedro St., San Jose.

General Contract Awarded.
CHURCH, ETC. Cost, $33,480
BERKELEY, Alameda Co., Cal., Berryman and Milvia Sts (St. Mary Magdeline Church).
Frame and stucco church and rectory with tile roof.
Owner—Roman Catholic Archbishop.
Architect — Beezer Bros., 1915 Steiner St., San Francisco.
Contractor — John P. Brennan, 1519 Hearst St., Berkeley.
The heating, electric and plumbing will be awarded next week.

EAST SAN DIEGO, San Diego Co., Cal.—Arthur G. Lindley, Chas. R. Selkirk, assoc., 800 American Bank Bldg., have completed plans for a 2-story Spanish church bldg., to be erected at East San Diego for the Fairmount Methodist Episcopal church. Two-sto., frame and stucco constr., tile and comp rfg., O. P. fls., metal lath, gas rads., aut. water htr., O. P. trim, indirect lighting system ,art glass, tile work Segregated bids will be taken by owners. Plans with the Rev. William M. Hartness, 405 Stockton Ave., East San Diego.

PASADENA, Los Angeles Co., Cal.—Architect G A Howard Jr., 820 Story Bldg., Los Angeles, has completed plans and bids are being received for erecting a church building at Claremont Dr. and Hudson Ave., Pasadena, for the Second Church of Christ, Scientist. Site, 210x100 ft., hollow tile walls, tile roof, stucco exterior, auditorium seating 500, Sunday school seating 460. The congregation now meets at N. Lake Ave. and Washington St.

OROVILLE, Butte Co., Cal.—Baptist Society has been organized and plans erection of new church building. Rev. Rowe Williams will be pastor.

FACTORIES AND WAREHOUSES

Permit Applied For—Sub-Figures Being Taken.
WAREHOUSE Cost, $—
SAN FRANCISCO, N Jessie St., between Ecker and St. Anthony Sts.
Five-story reinforced concrete flat slab warehouse 67x62 (1 elevator).
Owner—Dalziel Estate.
Architect—Willis C. Lowe, Monadnock Bldg., San Francisco.
Supt. of Constr.—Peter Petersen, 556 Mission St., San Francisco.

Preliminary Plans Prepared.
PUBLISHING PLANT Cost, $100,000
SAN JOSE, Santa Clara Co., Cal., San Fernando and Third Sts.
Three-story class C newspaper publishing plant 137x137.
Owner—San Jose Mercury Publishing Company.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Construction will not be started for about a year.

Contract Awarded.
EXTENSIONS Cost, $45,360
SACRAMENTO, 10th and R Sts.
Extensions to 2-story and basement reinforced concrete, brick & steel sash bldg. (glass storehouses and workshop).
Owner—W. P. Fuller & Co.
Architect — E. C. Hemmings and L. Starks, Oschner Bldg., Sacramento.
Contractor—Herndon & Finnigan, 1814 17th St., Sacramento.

Contract Awarded.
BUILDING Cost, $30,000
SAN FRANCISCO, S 9th St. 100 E Howard.
One-story and mez. class C reinforced concrete industrial bldg. 180,000 sq. ft.
Owner—S. F. Realty Syndicate.
Lessee — Gruss Air Springs Co., Inc.
Architect—A. J. Horstmann, 110 Sutter St., San Francisco.
Contractors—Barrett & Hilp, 918 Harrison St., San Francisco.

YUBA CITY, Sutter Co., Cal.—Earl Fruit Co., 85 2nd St., San Francisco, has purchased 800-ft. frontage on S.P. tracks and plans erection of a packing and distributing warehouse plant.

DURO
California Cedar Products Co.
All-Key Plaster Lath
(Patented)
100% Mechanical Key.
Plaster Wall Board
(Patent applied for)
The Last Word in Wall Board.
CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

Sub-Figures Being Taken.
WAREHOUSE Cost, $—
SAN FRANCISCO, N Jessie St. between Ecker and St. Anthony Sts.
Five-story reinforced concrete flat slab warehouse 67x62 (1 elevator).
Owner—Dalziel Estate.
Architect—Willis C. Lowe, Monadnock Bldg., San Francisco.

Plans Being Figured.
LAUNDRY BLDG. Cost, $85,000
SAN FRANCISCO, 18th & Alabama Sts.
Two-story and basement class C reinf. concrete laundry bldg 200x200.
Owner—Independent Laundry.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Bids are being taken for a general contract.

Completing Plans—Figures To Be Taken In A Week.
FACTORY BLDG. Cost, $75,000
SAN FRANCISCO, NW 10th & Howard Streets.
Two-story reinforced concrete flat slab factory bldg. 113x149 with 10x30 ft. freight elevator.
Owner—Fisher-McGaffney Body Co.
Architect — Willis Lowe, Monadnock Bldg., San Francisco.

Sub-Figures Being Taken—To Be Done By Day's Work.
PACKING BLDG. ETC. Cost: $50,000 & $20,000 resp.
SAN FRANCISCO, NW Townsend St., bet. 3rd and 4th Sts. through to Bluxome.
One-story reinforced concrete 83x240 packing plant and a 1-story reinf. concrete warehouse 42x240.
Owner—Frye & Co., Seattle.
Architect — Willis Lowe, Monadnock Bldg., San Francisco.
Bids will be taken by the owners for the mechanical equipment.

Plans Being Prepared.
FACTORY BLDGS. Cost, $250,000
OAKLAND, Alameda Co., 80th Ave.
Group of 6 concrete and brick factory buildings (1st unit to cost $40,000).
Owner—Illinois Wire & Cable Co Sycamore, Ill.
Architect — Washington J. Miller, 417 Market St., San Francisco.
Segregated figures will be taken in about two weeks for the first unit (office, factory and warehouse bldg.)

LOS ANGELES, Cal. — Architects Ashley and Evers, 58 Sutter Street, San Francisco and Los Angeles, have awarded a contract to Lange & Bergstrom of San Francisco and Los Angeles, for the excavation for a four-story and basement brick loft building to be erected on "C" and 7th streets in Los Angeles for the Doheman Commercial Co. The steel has been awarded to the Baker Iron Works of Los Angeles.

SEATTLE, Wash.—Frank I. Towle, president of Log Cabin Syrup Co., announces his company will erect a $300,000 plant in Seattle within ten months.

WESTWOOD, Lassen County, Calif.—Erection of a $500,000 veneer plant is contemplated by the Red River Lumber Company. J. B. Walker, president of the company, is now stopping at the St. Francis Hotel, San Francisco, conferring with other members of the company regarding other improvements to be undertaken at Westwood.

MANTECA, San Joaquin Co., Cal. — H. Bates, manager of San Joaquin Dairyman's Union, seeks co-operation of Chamber of Commerce in erection of dairy products plant in Manteca. Chamber is asked to donate site and partly finance plant construction. A committee will be appointed to further investigate the offer.

LOS ANGELES, Cal.—Hamm & Grant industrial engineers, 607 Ferguson Bldg., have prepared plans and commenced construction work for erecting ice factory bldgs. at 1737 W Albion St., for Lincoln Ice Co. There will be a 65-ton ice manufacturing bldg., 1-story, 102x150 ft., conc. walls, steel sash, reinforced conc. and comp. rf. over day storage, 2-in. wood sheathing on steel beams with trusses, corr. iron walls and roofing, steel sash, skylights, cem. fl.; boiler plant with two 100-h.p. boilers, and reinf. conc. salt storage bin for 130 tons, with elevator and conveying equipment.

LOS ANGELES, Los Angeles Co., Ca.—Hamm & Grant, Inc., 607 Ferguson Bldg., have prepared plans and have the contract to erect an ice cream factory on Albion St. near Ave. 17, for Lincoln Ice Co. Dimensions, 174x150 ft., frame constr., stucco and corr. iron exter., comp. and corr. iron rfg., steel sash, metal skylights, steel roof trusses $36,000.

PASADENA, L. A. Co., Cal.—Hamm & Grant, industrial engrs., 607 Ferguson Bldg., Los Angeles are preparing plans for a factory bldg. to be erected on S Raymond Ave., Pasadena, for the Wickercraft Furniture Co. The bldg. will be 4-story 101x124 ft., reinf. conc. walls, mill inter. constr., steel sash, comp. rfg., elevator, fire escapes, sprinkler system, reinf. conc. water tower with wooden tank.

MONROVIA, L. A. Co., Cal.—Hamm & Grant, industrial engineers, 607 Ferguson Bldg., L. A., are preparing plans for a factory bldg. to be erected on Foothill Blvd., Monrovia, for Day & Night Solar Heater Co. It will be 1-story, 150x200 ft., brick and stucco walls, steel roof trusses, wood sheathing and comp. rfg., steel sash, wire glass, cem. fl. There will also be an office bldg., part 1-story and part 2-story, 20x55 ft., brick and stucco walls, comp. rfg., steel sash, office partitions, vault.

SAN PEDRO, L. A. Co., Cal.—Anton Johnson Co., 1007 S Grand Ave., Los Angeles, has the contract to erect a group of factory and warehouse bldgs. at San Pedro for the California Thorne Cordage Co. There will be a main factory bldg. 90x260 ft., a raw material storage bldg. 50x100 ft., a finish product storage plant 50x100 ft., a general storage bldg. 50x100 ft., a general office bldg., 50x60 ft; they will be 1-sto. steel frame constr., sawtooth and monitor roof constr., brick walls, cement fls., steel sash, press. brick, metal skylights, comp. rfg., wire and plate glass.

FLATS

Contract Awarded.
FLATS Cost, $15,000
SAN FRANCISCO, N Francisco St 175-6 W Van Ness Ave.
Three-story and basement frame (2) flats.
Owner—Mrs. Ida Sutter Maas.
Architect—Lionel H. Pries, Mechanic's Institute Bldg., San Francisco.
Contractor — Buschke & Brown, 604 Mission St., San Francisco.

Contract Awarded.
FLATS Cost, $11,500
SAN FRANCISCO, S California 108-4 W 17th Ave. W 25 S 96.
Two-story and basement frame bldg. (flats).
Owner—M. Cranow, 1141 Lake St., San Francisco.
Architect—N. Bernstein, 809 Divisadero St., San Francisco.
Contractor—G. E. Watson 581 45th Ave San Francisco.

GARAGES

Plans Being Figured.
GARAGE Cost, $18,000
SAN FRANCISCO, 840 Powell St.
One-story reinforced concrete garage, (private).
Owner—A. W. Wilson.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., S. F.
Figures will be taken for a general contract.

Completing Plans — Figures To Be Taken Next Week.
GARAGE Cost, $50,000
SAN FRANCISCO, E Montgomery N of Pacific St.
Two-story and basement reinforced concrete commercial garage.
Owner—Louis R. Lurie.
Architect — O'Brien Bros., 315 Montgomery St., San Francisco.

LOS ANGELES, Cal.—Archts. Morgan, Walls & Clements, 1124 Van Nuys Bldg., are preparing plans for an automobile sales and garage bldg. to be erected on 9th St. near Central Ave., for Gotfredson Truck Corp. B. G. Gotfredson of Detroit, president. Dimensions, 75x230 ft., brick walls, cast stone and brick facing, plate glass windows, steel beams, comp. rfg., metal skylights, pine trim, tile flr. in salesroom, cem. flr. in garage.

INGLEWOOD, Los Angeles Co., Cal. —A. Godfrey Bailey, 410 Junior Orpheum Bldg, Los Angeles, has completed plans for a brick garage and auto sales building to be erected at Inglewood for the Ford Agency, Geo. M. Sutton, agent. Dimensions, 100x150 feet, 1-story, pressed brick facing, composition roofing, cement and tile floors, wood roof trusses, steel sash, metal skylights, wire and plate glass, showroom, locker room; owner will erect by day labor and sub-contract.

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2 x 4 and 2 x 6 soft Pine, S4S, irregular ends, 6 to 10 feet lengths, some nail holes, nice clean stuff.

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Outside White 2.10
White Enamel 2.10
in 5's

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GOVERNMENT WORK AND SUPPLIES

FORT MASON, Cal.—The following bids were opened on March 8, 1924 by the Construction Quartermaster, Fort Mason, Calif., for concrete floor in storehouse. Bids were referred to Washington.

J. A. Costello Jr., 1038 Shotwell Street	$3022
Fay Improvement Co.	3200
J. H. Frank	3611
Kohlwis & Stagon	3678
Geo. E. McHugh	3866
M. Bertolino	4009
J. Sartori	4081
A. Vogt	4630
Frank Moller	4830
West Coast Const. Co.	5814
C. B. Cowden	5970

SAN FRANCISCO—Until March 18, 11 A. M., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5181, to fur. one Duplex double-acting pump to furnish water for fire apparatus on suction dredge To be on a single frame and base, not over 6-ft. long by 3-ft. wide; capable of del. 500 gals. per min. under pressure of 75 lbs. when steam is delivered to pump at 125 lbs. pressure; completely brass fitted throughout. Further information on request to above office.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, to fur. and del. following materials to Navy Yards, date for opening bids as noted at close of each paragraph:

Schedule 1956, for Puget Sound, 10,000 sq. ft. white oak flooring, Mar. 18.

Schedule 1957, for eastern and western yards, miscellaneous brass, phosphor, bronze, copper, etc., March 25.

Schedule 1958, for Puget Sound, 40,840 sq. ft. metal lath, March 18.

Schedule 1959, for Mare Island, 1000 yds. linen insulating tape, April 1.

Schedule 1964, for Puget Sound, 1000 gallons spar varnish, April 1.

Schedule 1965, for Puget Sound, 54 sheets non-scatterable glass, March 25.

Schedule 1967, for eastern and western yards, miscellaneous electric wire and cable, March 25.

AMERICAN LAKE, Wash.—E. A. Francis Construction Co., Seattle, Wash., awarded contract by U. S. Veterans' Bureau to construct laundry building at American Lake, Veterans' Hospital No. 94.

CUSTER, Ariz.—Todden Lodge Co., Prescott, Ariz., at $31,995, awarded cont. by U. S. Veterans' Bureau to erect kitchen and mess hall, etc., at Veterans' Hospital No. 50, Whipple Barracks.

PORTLAND, Ore. — Following bids rec. by U. S. Engineer Office, Portland to fur. (1) 2 Diesel marine engines; (2) 2 winches:

Enterprise Engine Co., San Francisco, item 1, $11,000 each, f. o. b. San Francisco; 2, $500 each, f. o. b. Portland.

Atlas Imperial Engine Co., Oakland, Calif., item 1, $10,850; 2, $600; f. o. b. Oakland.

Fairbanks, Morse & Co., Portland, Ore., item 1, $14,100, f. o. b. Beloit; 2, $675, f. o. b. Portland.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal. Sealed proposals will be received here until 11 A. M., April 7, 1924, for wire gratings for guard house Fort Winfield Scott, Calif. Information upon application.

SAN FRANCISCO — The following bids were received by the Office of the Supervising Superintendent, U. S. Post Office Bldg., on March 12, 1924 for miscellaneous changes at the Post Office, Courthouse, etc., San Francisco, California.

Bids were forwarded to Washington recommending that the contract be awarded to the lowest bidder.

Alfred H. Vogt, 185 Stevenson	$2320
Barrett & Hilp	2491
H. Papenhausen	2894
Miller & Van Horn	2942.55
Finn Anderson	2965

MARE ISLAND, Cal.—The following bids were received by the District Public Works Officer, Navy Yard, Mare Island, Calif. on March 12, 1924 for furnishing and depositing approximately 9000 tons of hard stone rip rap to form an embankment along the longitudinal dike, Navy Yard, Mare Island, California. Specification 4941. Bids were referred to Washington.

Healy-Tibbitts Construction Co., Item (1) $1.92, 90 days; (2) $1.83, 150 days.

Daniel Contracting Co., (1) $1.94, 90 days; (2) $1.84 150 days.

HALLS AND SOCIETY BUILDINGS

Plans Completed.

DANCE PAVILION Cost, $16,000
DUNSMUIR, Siskiyou Co., Cal.
One-story and basement frame and galv. iron dance pavilion.
Owner—Withheld.
Architect — Hutchison & Mills, 1214 Webster St., Oakland.

Working Drawings Being Prepared.

LODGE BLDG. Cost, $100,000
ALAMEDA, Alameda Co., Cal. Alameda Avenue.
Three-story brick and steel lodge bldg.
Owner—Masonic Temple Ass'n
Architect—Carl Werner, Santa Fe Bldg., San Francisco.

Working Drawings to be Prepared.

LODGE BLDG. Cost, $80,000
ROSEVILLE, Placer Co., Cal. Vernon and Washington Sts., 100x85 feet.
Two-story and mezzanine floor concrete brick and terra cotta lodge and store building.
Owner—Masonic Temple Ass'n., Roseville.
Architect — Carl Werner, Santa Fe Bldg., San Francisco.

Contract Awarded.

STORE, ETC. Cost, $19,415
SAN JOSE, Third near Santa Clara.
Two-story concrete store, lodge and dance hall bldg.
Owner—T. Costa, Fleming, San Jose.
Architect — Chas. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—Megna & Newall, 866 17th St., San Jose.

LOS ANGELES, Cal.—The bldg. committee of Al Malaikah Temple has announced that plans are being revised for the new Shrine auditorium to be erected at Jefferson and Royal Sts. and that bids will shortly be taken for the auditorium portion, practically as originally planned, and omitting the banquet hall section for the present. This section will be built later and its omission at this time will permit the erection of the remainder of the bldg. for $1,500,000. John C. Austin, 1125 Detwiler Bldg., and A. M. Edelman, H. W. Hellman Bldg., assoc. archts; G. Albert Lansburgh, consulting archt.

YUBA CITY, Sutter Co., Cal.—Hulhert and Triplett, Yuba City, at approx. $10,000 awarded contract to erect community pavilion which will also serve as armory for National Guard.

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HANFORD, Kings Co., Cal.—Peter V. Vitelle, Hanford, at $7673 awarded contract by county supervisors to erect American Legion Hall at Corcoran, furnishing all labor and materials with composition roof. Other bids were:

For all labor and materials with tile roof: Carl Nelson, Hanford, $9950; John Betty, Corcoran, $9466; Thos. Day, $10,000; A. A. Tuggle, Tulare, $8989; J. F. Brown, Hanford, $10,140; Peter B. Vitelle, $8545.

For all labor and materials with composition roof. Carl Nelson, $8950; John Betty & Son, $8796; Thos. Day, $8000; A. A. Tuggle, $7886; J. F. Brown $9716. J. R. Henderson, architect, 109 E-Tulare St., Tulare.

SAN FRANCISCO—Board of Public Works completes spec. to imp. Niagara St., bet. Louisburg and Tara Aves., involving 414 lin. ft. conc. curb; 6210 sq. ft. asph. conc. pavement; est. cost $2500.

Spec. completed to const. 1900 sq. ft. art. stone walks in Bennington St., bet. Cortland and Highland Aves.

NEVADA CITY, Nevada Co., Cal.—The following is a complete list of the bids received by the Clerk of Nevada County, for the construction of a two-story, reinforced concrete men's dormitory and runway building for the County Hospital in Nevada City. Plans were prepared by architects William Mooser and William Mooser, Jr., Nevada Bank Building, San Francisco.

As reported yesterday the general contract was awarded to Al. Vezina and John Diestel, Russ Building, San Francisco on their bid for $61,000, and the mechanical equipment was awarded to O. Kurtz, 445 Stevenson Street, San Francisco at $14,700.

General Contract

Al Vezina & John Diestel, S. F.	$61,000
Lawton and Vezey, S. F.	63,917
H. H. Larsen, S. F.	64,780
Larsen and Larsen, S. F.	66,000
G. Peterson, S. F.	67,329
Fred Betz, Sacramento (bid withdrawn)	55,280

Heating, Plumbing, Electrical Work & Mechanical Equipment

O. Kurtz, San Francisco	$14,753
Brown & Langlais Elec. Constr. Co., San Francisco	17,252

SANTA BARBARA, Santa Barbara Co., Cal.—Architect Carl Werner, Santa Fe Bldg., San Francisco, has prepared preliminary plans for a new B. P. O. E. lodge building which local Elks are planning to erect as soon as the building committee completes its arrangements. The building will be a two-story Spanish structure with an open balcony overlooking a wide arched entrance; tile roof. The building committee members are: Alfred Edwards, J. B. Rickard, Jorn W. Heaney, Homer Duffey, E. P. Dunn, W. L. Logan, T. H. Sentell, E. G. Dodge and Sam Stanwood.

PASADENA, Los Angeles Co., Cal.—Architect Joseph J. Blick, Dodworth Bldg., Pasadena, has completed plans which have been adopted by the member organizations for erecting an elaborate Scottish Rite cathedral on a recently purchased site, 175x200 ft. on N. Madison Ave., between Herkimer and Walnut Sts., Pasadena. A contract will be let at once.

HOSPITALS

Contract Awarded.

HOSPITAL Cost, $350,000
ALAMEDA, Alameda Co., Cal., SW Clinton Ave. and Willow St.
Four-sto. reinforced concrete hospital.
Owner — Alameda Sanitarium (Miss Kate Creeden, Dr. W. B. Stephens, A. W. Hall).
Architect—Edw. T. Foulkes, Crocker Bldg., San Francisco and Central Bank Bldg., Oakland.
Contractor—Alfred H. Vogt, 185 Stevenson St., San Francisco.

MERCED, Merced Co., Cal.—Until March 24, 10 A. M., bids will be rec. by P. J. Thornton, County Clerk, for repairs at county hospital. Cert. check 10% payable to Chairman of Bd of Sups. req. Plans obtainable from County Surveyor W. E. Bedesen on deposit of $5, returnable.

Contract Awarded.
COTTAGE Cost, $16,500
AUBURN, Placer Co., Cal., County Hospital Grounds.
Owner—Placer County.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—W. B. Lardner, Auburn.

SACRAMENTO, Cal. — Bids will be received until March 31, 1924 at 12 noon by the State Architect Department of Public Works 615 Forum Bldg. Sacramento, for water tube boiler for the Norwalk State Hospital at Norwalk, Los Angeles County.

HOTELS

Segregated Bids in and Under Adivsement—Contracts to be Awarded Shortly.
HOTEL Cost, $500,000
OAKLAND, Alameda Co., Cal. Corner Fifteenth and Harrison Sts.
Six-story steel and brick Class A hotel and store building.
Owner—Coit Hotel Co., Inc. (Roger and Chas. B. Coit et al).
Architect—Leonard H. Ford, 306 14th St., Oakland

Sub-Figures Being Taken.
STORE & HOTEL Cost, $65,000
STOCKTON, San Joaquin Co., 325 E Weber Ave.
Three-story brick and concrete store and hotel.
Owner—Dr. Albert E. Hodgkins.
Lessee—Leon Levison Furniture Co.
Architect & Contractor—Davis-Heller-Pearce Co., Delta Bldg., Stockton.

LOS ANGELES, Cal.—Max Coverlacheck, 605 N Cummings St., has the contract to erect a 4-story class C hotel bldg. on Union Ave., bet. 7th and 8th Sts., for Eastern Realty Co. Plans by Harry Genser, Hibernian Bldg. It will contain 160 rms; dimensions 100x150 ft., 90 baths; brick walls, press. brick facing, fire escapes, comp. rfg., pine trim, oak and pine fls., tiled baths, steam htg., elevators; $175,000.

LOS ANGELES, Los Angeles Co., Cal. —S. E. McRae, 5927 Sixth Ave., has been awarded a contract at $117,000 for erecting a 4-sto. Class C brick store and hotel building at the southwest corner of 7th and Whittier Sts., for Mrs. Lillie M. MacGowan and Mrs. Mary A. Briggs. Ira H. Seehorn, 328 Clay St., archt. Dimensions, 60x131 ft., five stores, 78 hotel rooms, brick walls, press. brick facing, plate glass windows, steel beams, fire escapes, comp. rfg., metal skylights, metal windows, pine trim, oak and pine floors, tiled baths, heating.

LOS ANGELES, Los Angeles Co., Cal. —Architects Walker & Eisen, 330 Pacific Finance Bldg., have prepared plans for a four-story and basement brick store and hotel building to be erected at the northeast corner of Hollywood blvd. and Western Ave. for the United Stores Realty Corp. Dimensions, 65x160 feet, 10 stores, 72 rooms, 36 baths; stucco, cast stone and brick exterior, plate glass windows, steel beams, composition roofing, fire escapes, metal skylights, pine trim, tiled baths, steam heating. Cost, $150,000.

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ORANGE, Orange Co., Cal.—A group of local residents headed by F. A. Grote has purchased a site on W. Chapman Ave. at Olive St. for a new hotel building of 152 ft frontage. The lower floor will contain stores and hotel lobby with 3 story of rooms above. The building and equipment will cost approximately $500,000.

POWER PLANTS

SAN FRANCISCO — Until April 2, 3 p. m. bids will be rec. by Board of Public Works to fur. and del. electric transmission line hardware for Hetch Hetchy Mocassin Creek power plant. Bid will be considered on any one item or as a whole, the board reserving the right to increase the quantities on items Nos. 1, 3, 5 and 7 to any amount from 1500, 200 300 and 2000 respectively. Bids are desired on the following.

Item 1, 230 standard suspension clamps for copper cable.

Item 2, 2200 standard suspension clamps for aluminum cable.

Item 3, 50 heavy duty suspension clamps for copper cable.

Item 4, 350 heavy duty suspension clamps for aluminum cable.

Item 5, 80 dead end clamps for copper cable.

Item 6, 540 dead end clamps for aluminum cable.

Item 7, 3500 suspension hooks.

Specifications obtainable from Bureau of Engineering, 3rd floor, City Hall on deposit of $5.

MARYSVILLE, Yuba Co., Cal.—Pacific Gas & Electric Co., 445 Sutter street, San Francisco, appropriates $19,200 to finance reconstruction of Marysville and Yuba City electric distributing system.

SACRAMENTO, Cal.—Great Western Power Co. will start work at once constructing 10½-miles of power lines in Carmichael Public Utility District, the voters having refused to favor bond issue to finance construction of its own lines.

VACAVILLE, Solano Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, has authorized an expenditure of $852,800 to enlarge Vaca-Dixon sub-station. Improvements will include a third unit and equipment necessary to handle the 100,000 h.p. from Pit 3 development, Shasta county, which will be completed in 1925. Other additions will be built as other developments in the Pit district are completed.

LOS ANGELES, Cal.—Until 3 p. m., March 28, bids will be rec. by public service comm., 207 S Bdwy., for 12 oil circuit breakers. Spec. P-317-388.

Bids March 21 for lead covered cable and accessories. Spec. P-324. Jas. P. Vroman, secy.

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NEVADA COUNTY, Calif.—See "Irrigation Projects," this issue.

SAN FRANCISCO—Until March 24, 3 p. m., bids will be rec. by Leonard S Leavy, city purchasing agent, to fur. underground cable. Spec. obtainable from above, room 270 city hall.

TACOMA, Wash.—Until April 16, 2 P. M., bids will be rec. by City Commissioner of Light & Water, Room 402 City Hall, to fur. machinery and equipment for Cushman power project. Bids are wanted as follows:

SECTION C—HYDRAULIC TURBINES

This section comprises two hydraulic turbines of the vertical type 27,500 h. p. maximum capacity at 260 feet head, capable of operating efficiently over a range of head to 140 feet minimum head. The point of design to be at 200 feet net effective head at which point the turbines shall each pass 1,000 cubic feet of water per second at full gate and develop approximately 19,000 b. h. p. Auxiliaries consist of governors, oil pressure, systems, butterfly valves, draft tubes and spare parts.

SECTION D — ELECTRIC GENERATORS

This section comprises two electric generators of the vertical type, rated at 20,000 Kv-a. capacity, at 9. power factor, 3 phase, 60 cycles, 200 r. p. m., 12,000-12,000 volts. Auxiliaries consist of two direct connected exciters, one motor driven spare exciter, three exciter field rheostats, two filed discharge resistance, spare parts, and wire rope slings.

SECTION E—TRANSFORMERS

This section comprises transformers, oil purifiers, oil testing sets, auxiliaries and spares as listed under the following items:

Item 1. 7-6667 Kv-a., 12,600-63,510/110000 Y volt electric transformers.
1 set wire rope slings
250 gallons extra transformer oil.
Item 2. 4-14100 Kv-a., 60624/105,000 Y-28850/50000 Y-13200 volt electric transformers.
1 set wire rope slings.
250 gallons extra transformer oil.
Item 3. 3-3333 Kv-a., 52500-2665/1620-8000/13860 volt electric transformers.
1 set wire rope slings.
Item 4. 6-150 Kv-a., 13600-2300 volt electric transformers.
Item 5. 3-50 Kc-a., 2300-230/460 volt electric transformers.
1-37½ Kv-a., 2300-115/230 vcoit electric transformer.
Item 6 2 Oil Purifers.
Item 7. 2 Oil Testing Sets.

SECTION F—SYNCHRONOUS CONDENSER

This section comprises one electric synchronous condenser of load ratings, of 15000 Kv-a., 3 phase, 60 cycles and zero leading power factor; and 9000 Kv-a., 3 phase, 60 cycles and zero lagging power factor. Auxiliaries consist of one direct connected exciter, one motor driven spare exciter, two exciter field rheostats, one field discharge resistance, spare parts and wire rope slings.

J. L. Stannard is chief engineer for Cushman project.

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PUBLIC BUILDINGS

Plans Ready For Figures.
FIREHOUSE Cost, $2500
EL CERRITO, Alameda Co., Cal., Fairmont Ave.
One-story frame firehouse.
Owner—Town of El Cerrito.
Architect—Bigley & Walsh, El Cerrito.

LOS ANGELES, Cal.—Archt. Robert D. Farquhar, Security Bldg., has completed plans for a class A library bldg. to be erected on the grounds of the residence of W. A. Clark, Jr., at 2205 W Adams St. Two-story and basement, 77x69 ft., brick walls, reinf. conc. flrs. and roof construction, ruffled brick facing, Italian travertine trim, steel roof trusses, clay tile rag., marble flooring and wainscoting in vestibule, Italian walnut and English oak trim, cork and oak finish flrs., unit gas htg. system; Thos. C. Marlowe, Security Bldg., will have charge of the construction work.

HANFORD, Kings Co., Cal. — Peter Vitelle, Hanford, at $7673 awarded contract by county supervisors to erect American Legion clubhouse at Corcoran. Will be of residential type with Kellastone exterior finish.

FRESNO, Fresno Co., Cal. — Until April 8, bids will be rec. by D. M. Barnwell, county clerk, for elevator repairs in county courthouse; est. cost $3000. Plans obtainable from clerk.

BAKERSFIELD, Kern Co., Cal. — County Clerk F. E. Smith instructed to ask bids to erect branch library building at McKittrick; est. cost $7500. Plans are obtainable from clerk.

RESIDENCES

Plans Being Figured.
RESIDENCE Cost, $10,000
REDWOOD CITY, San Mateo Co., Cal.
Two-story frame and stucco residence.
Owner—Chas. Lightner.
Architect — N. W. Sexton, Chronicle Bldg., San Francisco.

Contract Awarded.
BUNGALOW Cost, $11,928
ATHERTON, San Mateo Co., Cal. — part Lot D Selby Tract.
One-story frame & stucco bungalow.
Owner—Mrs. Millie Bell Brandon.
Contractor—Louis N. Pollard, 55 Brewster St., Redwood City.

Bids To Be Taken Next Week.
RESIDENCE Cost, $12,000
OAKLAND, Calmar Ave.
Two-story frame and stucco residence
Owner—Capt. C. J. Bruguiere.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, $—
BERKELEY, Alameda Co., Cal., North Berkeley district.
Two-story and basement frame and stucco residence with slate roof (15 rooms).
Owner—Paul Phelan.
Architect — Miss Julia Morgan, Merchants Exchange Bldg., S .F.
Contractor — Conner & Conner, 1726 Grove St., Berkeley.

Owner To Take Bids.
DWELLING Cost, $9500
PIEDMONT.
Two-story frame colonial dwelling.
Owner—Mr. and Mrs. C. G. Smith.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, $17,406
SAN FRANCISCO, W 28th Ave. 81 N Lot 15 Sub 2 Sea Cliff.
Residence.
Owner—Jos. A. & Alice E. Burns, 750 Parnassus Ave., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Allen & Co., 168 Sutter St., San Francisco.

Contracts Awarded.
RESIDENCE Cost, $16,587
BERKELEY, Cal., 1529 Hawthorne.
Two-story frame and stucco 7-room residence with tile roof.
Owner—H. H. Whiting, 1529 Hawthorne Berkeley.
Architect — C. E .Gottschalk, Phelan Bldg., San Francisco.
Contractor—Barr & Son, 306 26th St., Oakland.

Plans Ready for Figures About Mar. 12
RESIDENCE Cost, $30,000
SAN FRANCISCO, Church and Liberty Streets.
Two-story frame and stucco residence with tile roof (10 rooms).
Owner—David Werner.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $18,628
LOS ALTOS, Santa Clara Co., Cal. Magdalena Ave. one-third mile from Springer Station near Los Altos.
Alterations to residence.
Owner—Robert Weinstock and Dorothy N. Weinstock, Springer Rd., Los Altos.
Architect—Charles K. Sumner, 57 Post St., San Francisco.
Contractor—Osborne & Knight.

Low Bidder.
PARISH HOUSE Cost, $18,000
BERKELEY, Cal., Cedar and Spruce Streets.
Two-story 6-room Parish house.
Owner—All Soul's Episcopal Church, Cedar and Spruce Sts., Berkeley.
Architect—W. H. Ratcliff, Mercantile Trust Bldg., Berkeley.
Low Bidder—John M. Bartlett, 357 12th St., Oakland.

Plans Being Figured.
RESIDENCE Cost, $15,000
PALO ALTO, Santa Clara Co., Cal.
Two-story frame and stucco residence.
Owner—W. Horabin.
Architect — Birge M. Clark, 600 Embarcadero Road, Palo Alto.

Contract Awarded.
RESIDENCE Cost, $10,000
PALO ALTO, Santa Clara Co., Cal.
Two-story frame and stucco residence with shingle roof.
Owner—A. J. Field.
Architect—Birge M. Clark, 600 Embarcadero, Palo Alto.
Contractor — W. P. Goodenough, 310 University Ave., Palo Alto.

Plans Complete.
RESIDENCE Cost, $14,000
REDWOOD CITY, SAN Mateo Co., Cal.
One-story reinforced concrete residence.
Owner—W. J. Dusel, 20 Finger St., Redwood City.
Architect—Edw. G. Bolles, 233 Post St. San Francisco.

Plans Being Figured.
RESIDENCE Cost, $14,000
SAN FRANCISCO, 8th Ave. and Linares Forest Hill.
Two-story frame and stucco residence.
Owner—C. Schubert.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Figures are being taken for a general contract.

Plans Being Prepared.
RESIDENCE Cost, $—
OAKLAND, Cupid Road, Lakeshore High Lakeshore Highlands.
Two-story frame an dstucco residence with tile roof (10 rooms)
Owner—Henry Kulhmeyer.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.

Low Bidder.
RESIDENCE Cost, $—
SAN FRANCISCO, Santa Clara Ave.
Two-story frame and plaster residence (10 rooms, shingle roof).
Owner—De Witt Taylor.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.
Low Bidders—Wilson & Benson.

Contract Awarded.
RESIDENCE Cost, $20,250
SAN MATEO, San Mateo Co., Cal., Sycamore St.
Two-story frame residence.
Owner — Mrs. Clara H. Wilhoit, care Anglo Cal. Trust Co., S. F.
Archt. & Contr.—Dowsett-Ruhl Co., 77 O'Farrell St., S. F.

Contract Awarded.
RESIDENCE Cost, $36,972.50
SACRAMENTO, Cal., 11th St., bet. — & K Sts. (Cathedral of the Blessed Sacrament).
Three-story and basement brick class C parochial residence.
Owner — Roman Catholic Archbishop (Rev. Thos. E. Horgan).
Architect—Dean & Dean, City Library Bldg., Sacramento.
Contractor—J. T. Gormley, 1152 Santa Barbara Court, Sacramento.

Contract Awarded.
RESIDENCE Cost, $17,500
BERKELEY, 828 Contra Costa.
Two-story 12-room frame residence.
Owner—Paul Thelan, 1936 Berryman St Berkeley.
Architect — Julia Morgan, Merchants Exchange Bldg., San Francisco.
Contractor — Conner & Conner, 1733 Francisco, Berkeley.

LOS ANGELES, Cal.—Archt. William H. Kraemer, rm. 105, Wright Bldg., 114 N Western Ave., is preparing plans for a 2-story frame Italian villa dwelling to be erected by sub-contract on Fairfax Ave. near Hollywood Blvd. for Walter Entz. Twelve rms., 3 baths, 2 laundries, stucco exter., tile rf., art stone entrances and terraces, hardwd flrs., Philippine mahogany and enamel trim, tile mantels, baths and drainbds., cellar, garage, unit heating.

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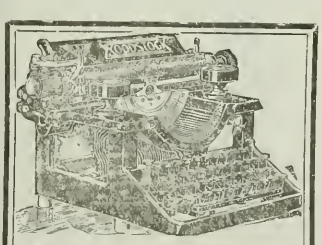

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SANTA MONICA, L. A. Co., Cal.—Archt. Elmer Grey, 622 Bank of Italy Bldg., L. A., has completed plans for a large reinf. conc. residence to be erected in the mountains of Santa Monica on a large tract of land, for a local client; it will contain 37 rooms, including 15 bed rooms, 12 baths, several diet kitchens, kitchen to serve 40 to 50 people, diningroom, billiard room, offices, gardner's cottage, garage and chauffeur's quarters. Reinf. conc. construction, plaster exter., tile and comp. rfg., hardwood flrs., tile baths, steam htg. sys., elec. lighting plant, ornam. iron work, hardw. trim, refrigerating sys.; bids to be taken soon.

LOS ANGELES, Cal—Royce H. Heath 4508 W 1st St., has the contract to erect a 16-room residence on Muirfield Road near 6th St., for Frank Ryan, 218 S Normandie Ave. Two-story, dimensions, 57x92 ft., frame and plas. constr. shingle rfg., hardwd. and pine inter. trim and flrs., tile mantels, tiled baths, unit gas heating system, water htr., garage; $30,000.

LOS ANGELES, Los Angeles Co., Cal. W. A. McCutcheon, 136 N. Rossmore Ave., has prepared plans and will erect a ten-room residence on Fremont Pl. near 9th St. for A. Merseiman, 8160 S Vermont Ave. Two-story, frame and plaster construction, shingle roofing, hardwood and pine trim, oak floors, tile mantel, tiled baths, water heater, unit gas heating system, garage. Cost, $30,000.

SAN GABRIEL, Cal.—Willard-Brent Co., 254 E 27th St., was low bidder on general contract at $33,851 for erecting two grammar school bldgs. near San Gabriel for the Garvey School District. J. A. Larralde, 1400 Stock Exchange Bldg., archt. Brick walls, 1-story, tile rfg., maple and pine fls., gas steam htg., pine trim.

SOUTH PASADENA, L. A. Co., Cal.—W. E. Chadwick, 723 Union League Bldg., L. A., has completed plans for a 2-story 12-room Spanish residence to be erected at South Pasadena for G. Ritchie. Two sto., 60x50 ft., frame and stucco constr., tile and comp. rfg., gas unit htg. system, two tile and 1 comp. bath, hardw. flrs., mahogany finish; $30,000. Segregated bids will be taken soon.

SCHOOLS

Contracts Awarded—General Contractor Taking Sub-Figures.

SCHOOL Cost, $150,000
PIEDMONT, Alameda Co., Cal.
One and 2-story reinforced concrete Junior High School.
Owner—Piedmont School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
General contract awarded to Hannah Bros., 142 Sansome St., S. F., (except heating, ventilating, plumbing and electrical work at $159,817.
Plumbing to Scott Co., Oakland, $6840.
Electrical work to M. E. Ryan, Tehama St., S. F., & Redwood City, $4250.
Heating to W. H. Picard, College Ave., Oakland at $9844 (c. i. boiler) with alternates (1) $1094 (add) oil burning eq.; (2) $654 add; (3) $1959 add, gas water heaters.

Plans Ready for Figures.

SCHOOL Cost, $200,000
SAN RAFAEL, Marin Co., Cal.
One-story reinforced concrete high school with flat roof (25 rooms and auditorium).
Owner—San Rafael School District.
Architect — Shea & Shea, Chronicle Bldg., San Francisco.
Plans may be obtained from the architects office. The date of opening bids will be decided at the board meeting on March 11th.

Contract Awarded.

CONVENT Cost, $35,000
SAN FRANCISCO, Green St., between Steiner and Pierce Sts.
Two-story and basement concrete convent (St. Vincent De Paul Parish)
Owner—Roman Catholic Archbishop.
Architect — Shea & Shea, Chronicle Bldg., San Francisco.
Contractor—T. B. Goodman, 1804 Ellis St., San Francisco.

Plans Being Prepared.

SCHOOL $15,000
GUERNEVILLE, Cal.
One-story frame School building.
Owner—Guerneville Grammar School District.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

FRESNO, Fresno Co., Cal.—A series of socials are planned by religious organizations in Fresno to assist in financing construction of proposed convent for the sisters of St. Alphonsus Academy.

HUNTINGTON PARK, L. A. Co., Cal.—Until 8 p. m., March 27, bidswill be received by trustees of Huntington Park Union high school district for erecting new practical arts bldg.; Alfred W. Rea and Chas. E. Garstang, 905 Trust & Savings Bldg., archts. Bids will be taken separately on the general contract, electric work, heating, painting, cabinet work and plumbing. The bldg. will be 2-story L-shaped, 268 by 180 ft., brick construction, stucco exter., comp. rfg., pine trim, maple fls., reinf. conc. corridor flrs. and stairways.

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I guess all his tires are flat,
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Now don't make fun of Sandy's stuff
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Where the rocks are piled up high,
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LIKE MOST of the truckmen.
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IN SACRAMENTO.
* * *
CALL AT Pratt's sand pit.
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FOR WASHED and screened sand.
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* * *
YOUNG SWASEY is a poet
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YOU WILL all agree.
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KING TUT wouldn't understand.
* * *
MR. SAND Seller Swasey's stuff.
* * *
BUT WHEN King Tut lived.
* * *
THEY DIDN'T sell sand.
* * *
THAT WAS washed and screened.
* * *
IT WAS just sand.
* * *
LEAVES, STICKS, clay and all.
* * *
AND DO you know.
* * *
THAT SACRAMENTO.
* * *
NEVER SAW American River sand.
* * *
THAT WAS washed and screened.

UNTIL CLARENCE Sand Pratt, President.
* * *
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* * *
AND OTHER places.
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* * *
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* * *
NOW YOU can't sell it.
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UNLESS YOU wash your sand.
* * *
"I THANK you."

Arthur Swasey, seller of Sandy Pratt's clean sand, rock and gravel, delivering the above beautiful gem of near literature on the banks of the American River, where the Pratt Building Material Co. serve the Swasey sand and rock trucks and most of the other trucks in Sacramento.

Contracts Awarded.

SCHOOL Cost, $—

LEMOORE, Kings Co., Cal.

Reinforced concrete school (30 rooms and an auditorium).

Owner — Lemoore Union High School District.

Architect—W. H. Weeks, 396 Pine St., San Francisco.

General contract awarded to W. J. Ochs 405 Clark St., Fresno at $151,-000; also alternates Nos. 2, 3, 4 & 5; change from wing to concrete $3042, change frame corridors to concrete $2500, substitute maple for pine floors, $2475, use patent screens $564.

Heating to Horlock-Clow Co., Hanford $14,344; install oil burning equipment, $616.

Blackboards to Western States Seating Co., 39 2nd St., San Francisco, $2302.25.

Electrical work to Electric Constr. Co. 616 Broadway, Fresno, $6390.

Shades to Radin-Kamp, Fresno, $2290.

Linoleum not decided (lowest bid submitted by Radin-Kamp, Fresno at $2102.64).

Painting not decided (lowest bid submitted by D. W .Atwater, Fresno, $6236).

LEMOORE, Kings Co., Cal. — The Board of Trustees of the Lemoore Union High School District, opened bids on March 7th, for the construction of a reinforced concrete high school building to contain thirty class rooms and an auditorium. Plans were prepared by Architect W. H. Weeks, 369 Pine St., San Francisco.

The two lowest bids were taken under advisement. Following is a list of the bids received:

General Contract

W. J. Ochs, 405 Clark St., Fresno	$151,660
Fredrickson & Shannon	158,689
J. F. Shepherd, Stockton	162,577
Larsen & Siegrist, S. F.	175,777
Anton Johnson, Kingsburg	179,185
Cobby & Owsley, S. F.	181,160
S. Brown	181,500
R. Peterson	196,350

Blackboards

Western States Seating Co., San Francisco, slate	$2302.25
Composition	.....
C. F. Weber Co., S. F., slate	2366.50
Composition	1256.00
Rucker Fuller Desk Co., S. F. Slate	2388.50
Composition	1272.50
Stewart School Supply Co. Slate	2412.24
Composition	1285.00

Electrical Work

Electric Constr. Co., 616 Broadway, Fresno	$6390
Geo. Foss, Sacramento	7100
M. E. Ryan, Redwood City	7965
F. E. Newbery, S. F.	8234
Ulmer Mchy. Co.	8240
Watts Elec. Co., S. F.	8400
Geo. F. Poley	12,883.20

Painting

D. W. Atwater, 346 Effie St. Fresno	$6236
J. E. Harrison	8800
J. Stretter	9000
R. Zelinsky, S. F.	9875
W. J. Burton, Richmond	10,500
E. F. Donahue	12,140
A. Zelinsky, S. F.	13,850

Heating

Horlock-Clow Co., 204 N Irwin St., Hanford	$14,344
Stockton Plumbing Co., Stockton	14,644
G. Schuster, Oakland	15,430
Carl T. Doell, Oakland	15,899
W. H. Picard, Oakland	15,950
Geo. A. Newman, Oakland	16,127
Barrett-Hicks Co., Fresno	16,822
Scott Co.	17,380
F. E. John	17,890

Linoleum

Radin-Kamp Co., Fresno	$2102.64
D N & E Walter Co., S. F.	2334.00
W & J Sloane Co., S. F.	2112.00
Large & McKenzie	2500.00
Berg Furniture Co.	3487.00
Hanford Furniture Co.	2897.00
Goldstein, Hanford	$2.10 per yd.

Shades

Radin-Kamp Co., Fresno	$2299.00
D N & E Walter Co., S. F.	1786.00
W & J Sloane Co., S. F.	2134.00
Large & McKenzie	1200.00
Berg Furniture Co	2054.90
Hanford Furniture Co.	1779.00

COMPTON, L. A. Co., Cal.—Archts. Alfred W. Rea and Chas. E. Garstang, 905 Trust & Savings Bldg., have been commissioned to prepare plans and specifications for new high school bldgs. to be erected at Compton union high school site. Bonds in the sum of $650,000 were voted at the election on Feb. 29. The work will include a new administration and class room bldg. with an auditorium to seat 1800 people; music bldg., auto shop and garage; grandstand and bleachers, and additions to manuel arts and science bldgs. There will also be a branch school at Watts to cost about $125,000.

SAN FRANCISCO — Rucker-Fuller Desk Co., 677 Mission St., S. F., at $947.54 awarded cont. by Bd. Pub. Wks to fur. chairs for Horace Mann school.

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OXNARD, Ventura Co., Cal.—Until 11 a. m., March 24, bids will be received by trustees of the Oxnard school district for erecting two grammar school bldgs.; John C. Austin and Frederic M. Ashley, 1116-25 Detwiler Bldg., archts. Bids will be taken separately on the general contract, plumbing, heating, wiring and painting. The Third St. school will be 1-story and will contain eight rooms and a kindergarten. The Palm Drive bldg. will be 2-story and will contain six class rooms and administrative offices. Both will be reinf. concrete construction, stucco exter., cast stone trim, clay tile rfg., pine trim, etc. Appropriation, $120,000 for both buildings.

COMPTON, L. A. Co., Cal.—The $675,-000 union high school bond issue carried at the recent election. Of this sum $400,000 will be used for new school bldgs. at Compton, and the balance will be used to build a branch school at Watts and to secure a bldg. site at Lynwood and Clearwater. The grammar school district also voted bonds for $119,000.

WATSONVILLE, Santa Cruz Co., Cal. —At joint meeting of high and grammar school trustees, City Supt. of Schools Thos. McQuiddy was instructed to secure estimates of cost for new plumbing in grammar school and for the erection of additional units to the shop quarters at the high school.

MARTINEZ, Contra Costa Co., Cal.—Trustees of Alhambra Union High School District contemplate erection of shop building, the present quarters being inadequate to accommodate the present attendance. The present structure would be remodeled for locker rooms and storage building.

SAN RAFAEL, Marin Co., Cal.—Until March 20, 8 p. m., bids will be rec. by Oliver R. Hartzell, secy. Board of Education, to fill and grade athletic field at new high school site. Cert. check 10% req. with each bid. Specifications obtainable from secretary.

RED BLUFF, Tehama Co., Cal.—Until March 18, bids will be rec. by Edith K. Gans, clerk, Red Bluff High School District, to furnish and lay brown Battleship linoleum or cork carpet in aisles of high school auditorium. Specifications and further information obtainable from clerk.

SANTA ROSA, Sonoma Co., Cal. — Hannah Bros., 142 Sansome St., San Francisco, have awarded a contract to Perry Bros. of Stockton for the plastering for the grammar and high school buildings in Santa Rosa. W. H. Weeks, 369 Pine St., S. F., is the architect.

LITTLE ROCK, Locs Angeles Co., Cal —Archt. A. C. Zimmerman and H. W. Michael, assoc., 836 H. W. Hellman Bldg., L. A., have been commissioned to prepare plans for a new grammar school bldg. to be erected at Little Rock, for the Keppel Union School Dist. It will be of reinf. conc. constr., 1-story and part basement, tile rfg., steam htg. system, pine and hardwood trim, plaster exter., bond issue for $50,000.

WHITTIER, Los Angeles Co., Cal.—An election will be held in the East Whittier school dist. to vote on a $30,-000 school bond issue. Trustees: A. M. Trueblood, L. W. Morgan and A. W. Allison.

WHEATLAND, Yuba Co., Cal—School trustees purchase McCurry property on which it is proposed to erect new $30,-000 school, plans for which are being prepared by Architect Geo. C. Sellon & Co., Mitau Bldg., Sacramento.

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PIEDMONT, Alameda Co., Cal.—The Board of Education of the City of Piedmont has awarded contracts as follows for the construction of a one and two-story reinforced concrete Junior High School building from plans prepared by Architect W. H. Weeks, 369 Pine street, San Francisco.

General contract to Hannah Bros., 142 Sansome St., San Francisco, (except reating, ventilating, plumbing and electrical work at $159,817.

Plumbing to Scott Co., Oakland, $6840.

Electrical work to M. E. Ryan, Tehama St., San Francisco and Redwood City, $4250.

Heating to W. H. Picard, College Ave., Oakland, $9844 (cast iron boiler) with alternates (1) $1094; (add) oil burner equipment; (2) $654 add; (3) $1959 add, gas water heaters.

Hannah Bros. are now taking subfigures.

BEVERLY HILLS, Los Angeles Co., Cal.—Until 7 P. M., Mar. 26, bids will be received by the secretary of the board of trustees of the Beverly Hills school district at the present school building on Rexford Dr., Beverly Hills, for erecting the new grammar school unit on the Beverly Vista school site bounded by Rexford Dr., Elm Dr., Gregory Way and Charlesville Blvd., Beverly Hills, for the Beverly Hills School District. Bonds in the sum of of $200,000 have been voted and sold Three 12-classroom units connected by arcades. Class C construction, foundation, 300x150 ft., concrete slab floors, corridor walls and stairs, tile roofs, hardwood classroom floors, face brick exteriors, art stone trim, gas-steam heat, blackboards. F. J. Catton, 933 S. Park View Ave., Los Angeles (Drexel 7969), is the architect.

MONTEBELLO, L. A. Co., Cal.—The following are the lowest bids received on sub-contracts by the trustees of the Montebello Union High School District for completing the Montebello high school bldg.: Sash and doors—A. C. Swoboda, $7536, deduct $113 if no bond is required; flooring, Roy Floor Co. (for maple) $6107, (1) for "Bejac flooring" $5984; painting — Arenz-Warren Co., $4106, (1) add $600 for painting equip., (2) deduct $69 if no bond required; clocks and bells—Standard El. Time Co., $3023; roofing—Robertson & Sons, $1594; (b) asphalt shingles, $1062 lath and plaster—A. C. Waite, $17,987, add $700 if Truscon Steel Co.'s "Home Lath" is used; cement work—E. N. Dunbar, $3448; carpenter work—walter Slater Co., $13,360, (a) add $8130 for cases and cabinets, (b) deduct $200 for furring; electrical work—Peerless Elec. Co., $2625; heating (b)—Hoagland-Lakin $3029; ventilating (b) — St. Louis Cornice Works, $2575, deduct $265 for omitting ventilating system and fan motor; steel partitions, L. C. Brintinal, $1045; J. E. Dwan, $912. Jefrerey & Schaefer, 1106 Kerckhoff Bldg. archts. Bids taken under advisement.

HANFORD, Kings Co., Cal. — Until March 24, 10 a. m., bids will be rec. by C. E. Denham, secy. Hanford Grammar School District, to wreck Central Grammar School bldg. Further information obtainable from secretary.

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SAN FRANCISCO, CALIF.

LOS ANGELES, Los Angeles Co., Cal.—Architect T. Beverley Keim Jr., Haas Bldg., has completed plans for a new school building to be erected at Angeles Mesa School site. It will contain 11 rooms, two story, dimensions 60x136 feet, brick construction, plastered exterior, composition roofing, pine trim. Cost, $95,000. The Board of Education will advertise for bids shortly.

CORDELIA, Solano Co., Cal.—Bids rec. March 8 by Green Valley School District to erect school building, rejected and new bids will be asked, probably from revised plans. W. A. Jones, architect, 403 Alameda St., Vallejo.

BANKS, STORES & OFFICES

Permit Applied For—Sub-Figures To Be Taken In About Ten Days.
STORE & OFFICE Cost, $300,000
SAN FRANCISCO, N Market bet. Kearny and Montgomery Sts.
Four-story class A store and office building with terra cotta exterior.
Owner — Crocker Estate Co., Crocker Bldg., San Francisco.
Architect — Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor — Dinwiddie Constr. Co., Crocker Bldg., San Francisco.
Engineer—T. Ronneberg, Crocker Bldg San Francisco.
The steel contract has been awarded to the California Steel Co.

Plans Being Prepared—To Be Done By Day's Work and Sub-Contracts.
STORES Cost, $40,000
SAN FRANCISCO, Geary St., bet. 21st and 22nd Aves.
Two-story frame store building with brick exterior (9 stores, 4 on first floor and 5 on second).
Owner—W. A. Savage, 5450 California St., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Contract Awarded.
SALESROOM Cost, $10,500
SAN FRANCISCO ,E Potrero Ave. 75 S 24th.
One-story reinforced concrete Ford Agency salesroom.
Owner — Doherty Bros., 1174 Potrero Ave., San Francisco.
Contractor—Jas. B. McSheehy, 1147 Dolores St., San Francisco.

Bids To Be Taken About March 15th On Structural Steel, Plumbing, heating and Electrical Work.
STORE & OFFICE BLDG. Cost, $—
SACRAMENTO, Cal., K St., bet. 11th and 12th Sts.
Three-story class A steel, brick and terra cotta store and office bldg. designed for a 12-story structure.
Architect—F. A. Foale, Ochsner Bldg., Sacramento.

Segregated Figures being Taken.
STORE BLDG. Cost, $15,000
OAKLAND, Alameda Co., Cal. Thirteenth Ave. and E-14th St.
One-story frame and stucco store bldg.
Owner—Withheld.
Architect—L. H. Ford, 306 14th St., Oakland.

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Completing Plans.
MARKET BLDG. Cost, $10,000
SAN FRANCISCO, Masonic Ave. and Fulton St.
One-story frame and stucco market building.
Owner — Jacob Weissbein, Fairmont Hotel, San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $15,000
OAKLAND, SW Cor. 13th & Bdwy.
Alterations.
Owner — The Owl Drug Co., 13th & Bdwy., Oakland.
Contractor — Oliver Duval & Son, 216 Dalziel Bldg., Oakland.

Contract Awarded.
ADDITION ETC Cost, $137,537
SACRAMENTO, Sacramento Co., Cal., 1413 J St.
Additions and alterations to office bldg
Owner—Pacific Telepbone & Tel. Co.
Contractor — Wm. Murcell, Ochsner Bldg., Sacramento.

LOS ANGELES, Cal.—L. A. Smith, Lilly-Fletcher Bldg., 3rd St. and Western Ave., is completing plans for a 3-story class A automobile sales bldg. to be erected at 22nd and Figueroa Sts., for the Paige Agency. Dimensions, 120 by 200 ft., with an extension 50x50 ft.; reinf. conc. constr., stucco and cast stone facing, plate glass windows, comp. rfg., steel sash, metal skylights, tile fl. in showroom, elevator, 2 dumb waiters, ramps. Bids will be taken shortly.

LOS ANGELES, Cal. — Milwaukee Bldg. Co., Wright-Callender Bldg., has completed preliminary plans for a 4-story class C store and office bldg. to be erected at n.w. cor. 6th and Bixel Sts. for Sig Marshultz and Mr. Bashtiam; it will have several stores on first fl. with bet. 50 and 60 offices on the upper fls. Brick walls, tile and comp. rfg., 50x122 ft., plaster or press. brick facing, plate glass, elevator, etc. The owner has not definitely decided whether he will build 4-sto. at this time, and may only erect a 2-sto bldg. Myrt T. Blum, 220 Chapman Bldg., will be the renting agent.

LOS ANGELES, Cal.—H. M. Baruch, 444 I. W. Hellman Bldg., has been awarded a contract to erect a 6-story and basement class A store and loft bldg. at s.e. cor. 8th and Wall Sts. for D. N. & E. Walter & Co. Plans by Russell & Ellison, 515 Jeweler's Bldg. Dimensions, 87x107 ft., reinforced concrete construction, brick filler walls, press. brick facing on both street fronts, plate glass windows, steel sash, metal skylights, freight and passenger elevators, sidewalk elevator; $160,000.

SANTA BARBARA, Santa Barbara Co., Cal.—Will Shedd and his associates will erect a 3-story or 4-story professional bldg. on Sola St., betw. Anacapa and Santa Barbara Sts., for physicians only. The bldg. will contain general reception room with some office suites, on the first floor, while the balance of the bldg., except the top floor, will contain offices. The top floor will contain a laboratory, operating room, and club room for tenants. The plan has been endorsed by local doctors.

JOOST BROTHERS

Builders' Hardware Tools, Etc.

(Members Builders' Exchange)

1053 MARKET ST.

Phone Market 891 San Francisco

EUGENE, Ore. — W. E. Minor, 1884 Adler St., Eugene, has purchased site. 60 by 160 ft. in 9th Ave., bet. Oak and Pearl Sts., and contemplates erection of six story reinforced concrete office and store building. It is proposed to start construction in June. No architect has been selected as yet.

SAN PEDRO, L. A. Co., Cal. — Pac. Telephone & Telegraph Co. is taking bids on a new telephone exchange bldg. to be erected on Fifth St., bet. Mesa and Pacific Aves., according to an announcement by Fred Smith, mgr. The structure will be of brick, 3 or 4 sto. in height, and cost about $200,000. The equipment will be designed to serve about 100,000.

BERKELEY, Alameda Co., Cal.—E. F. Louideck, president of the Berkeley Chamber of Commerce, reports plans are progressing on proposal of chamber to erect its own building which will probably be five or six stories in height, the first floor to be given over to stores while the second floor will be occupied by the Chamber and the upper floors by outside tenants for offices.

BEVERLY HILLS, L. A. Co., Cal. — K. R. Bradley Constr. Co., 1925 E 16th St., L. A., has the contract to erect a $107,000 2-story telephone exchange bldg. on Foothill Dr., Beverly Hills, for the Southern California Telephone Co. Found., 82x82 ft., brick and steel const., conc. slab roof, cement and hardwood fls., heating system.

THEATRES

Plans Complete.
THEATRE & STORES Cost, $45,000
OAKLAND, N E-14th St. 50 W 89th Avenue.
Reconstruct theatre and stores.
Owner—Junior Monarch Hay Press Co. San Leandro.
Architect—A. W. Cornelius, Merchants Natl. Bank Bldg., San Francisco.

FULLERTON, Orange Co., Cal. — Stanley Chapman has had plans prepared for a large theatre and office bldg. costing $250,000, which he plans to erect on e. side Spadra Rd., betw. Chapman Ave. and the bridge.

RIVERSIDE, Riverside Co., Cal.—Architect M. Eugene Durfee, 204 Samuel Kraemer Bldg., Anaheim, has completed plans for a two and three-story store and theatre building, 75x155 feet, on Main St at 5th. The theatre will contain seats for 2000, including 300 loges on the mezzanine floor. The street front will be divided into stores.

SEATTLE, Wash. — Architects B. Marcus Pretica and J. Lister Holmes, Pantages Bldg., Seattle, have general contract bids under advisement for 1-story 60x102 ft., concrete and mill construction theatre to be erected at 10th Ave. n.e. and E-59th St. Bids for the plumbing, heating and electric work are yet to be taken.

OXNARD, Ventura Co., Calif.—J. Roy Williams is having plans prepared for a modern theater bldg. to be erected on A St. adjoining the Pac. Southwest Trust and Savings Bank Bldg. The theater will seat 1000. The stage is intended for legitimate productions. Mr. Williams was formerly editor of the Anaheim Daily Herald.

WHARVES AND DOCKS

SAN FRANCISCO—The State Board of Harbor Commissioners have awarded a contract to the Pneumatic Spray Co. for whitewashing at Pier 42 at $1140 and Pier 44 $1620.

MISCELLANEOUS BUILDING CONSTRUCTION

Date of Opening Bids Set For March 12, 1924, at 10 A. M.
TERMINAL BLDG. Cost, $65,000
SACRAMENTO, 11th, 12th, H & I Sts.
Two-story brick class C R.R Terminal bldg. (brick exterior, marble and tile work).
Owner—Bisbee Inv. Co.
Architect — Woollett & Lamb, Hagelstein Bldg., Sacramento.

Plans Being Prepared.
BATH HOUSE ETC. Cost, $60,000
CAPITOLA, Santa Clara Co., Cal.
One-story reinforced concrete bath house & swimming tank (tile lining etc.)
Owner—Company now being formed.
Architect—Wolfe & Higgins, Auzerals Bldg., San Jose.
Plans will be ready for figures in about 30 days.

Bids Opened.
TERMINAL BLDG. Cost, $65,000
SACRAMENTO, 11th, 12th H & I Sts.
Two-story brick class C R.R. Terminal bldg. (bricw exterior, marble and tile work).
Owner—Bisbee Inv. Co.
Architect — Woollett & Lamb, Hagelstein Bldg., Sacramento.

General Contract

Geo. Hudnutt, California Fruit Bldg., Sacramento $66,233
Fred Betz, Sacramento 69,670
Wm. Murcell, Sacramento..... 73,110
Holdener Const. Co., Sacto..... 75,513

Plumbing

Latourrette-Fical Co., 907 Front St., Sacramento $2600
Hateley & Hateley, Sacramento.. 2710
Luppen & Hawley, Sacramento.. 2750
Scott Plumbing & Elec. Co., Sacramento 2760

Heating

Luppen & Hawley, 906 7th St. Sacramento $6623
Hateley & Hateley, Sacramento.. 6840
Latourrette-Fical Co., Sacramento 6995
Scott Plumbing & Elec. Co., Sacramento 7300

Electrical Work

Latourrette-Fical Co., 907 Front St., Sacramento $3044
Geo. Foss, Sacramento 3098
California Mech'l & Elec. Eng. Co., Sacramento 3122
J. C. Hobrecht Co., Sacramento... 3200

SAN JOSE, Santa Clara Co., Cal.—Until April 7, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, for the purchase of the following materials at county hospital, no longer required by the county: 1 70 h.p. Kiwanee, 1 80-h.p. Erie City tubular boilers complete with fittings and trimmings. One oil set complete with two pumps; two feed water pumps, valves, blow-offs, and piping connected with boilers in the boiler room where located. Boilers operated at 100 pounds allowed by insurance company and in good condition and may be seen in operation at County Hospital. Boilers and equipment must be removed within 20 days of confirmation of sale. County will also consider bid for sale of 1 De-Laitte automatic cold process gasoline gas machine, 200-light capacity.

BERKELEY, Alameda Co., Cal. — Chamber of Commerce backs movement for aquatic park on waterfront with swimming, rowing and yachting facilities, construction of swimming pools and the establishment of several community camps in the Berkeley Hills.

OAKLAND, Cal.—Pacific Film Co., Los Angeles, has purchased a 50-acre tract in the Moraga Valley and plans construction of a large motion picture studio. John H. Hayes is president of the company which features pictures of Henry B. Walthall.

SAN BERNARDINO, San Bernardino Co., Cal. — President Gentry of the Orange Show has announced that tentative plans have been prepared for a $55,000 bldg., to be erected as a permanent exhibit building.

SIERRA MADRE, L. A. Co., Cal. — An election will be held in April to vote on a question of allowing Ole Hansen of Los Angeles to purchase the cemetery and erect a mausoleum. He proposes to expend about $100,000.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities must be obtained from Domestic and Foreign Trade Bureau of the Chamber of Commerce, Merchants Exchange Bldg., San Francisco:

D-1117—Victoria, B. C. party interested in getting into communication with a reliable firm whose business includes the forming of public companies for industrial propositions, and to sell stock in same.

D-1119—Lincoln, Cal. Party desires to communicate with promoters interested in promoting factories and companies.

D-1120—New York, N. Y. Concern would like to communicate with steel jobbers handling quality steel.

D-1123—Seattle, Wash. Party wants to communicate with firms that handle Al alumninum for making sanitary milk caps—22 gage.

D-1126—New Rochelle, N. Y. Concern interested in communicating with house heating oil burner manufacturer.

D-1127—Modesto, Cal. Party desires to get in touch with firm manufacturing fire clay casts.

D-1128—Los Angeles, Cal. Manufacturers would like to communicate with jobbers of household tin ware.

D-1129—Philadelphia, Pa. Sales Engineers desire to communicate with liquid fuel burner manufacturers that are considering the appointment of an agency for their product in vicinity of Philadelphia.

7982 — Rochester, N. Y. Exporter wants to buy second hand passenger and motor trucks in San Francisco for the purpose of shipping them to New Zealand. He desires to purchase only from established firms of unquestioned integrity. He is interested in second-hand cars of following makes: Dodge, Star, Essex, Buick, Saxon and possibly Oakland, Chevrolet, Maxwell and Ford. Quotations are requested f.o.b. steamer.

7986—San Francisco, Cal. San Francisco business man desires to invest $25,000 in buying a whole or part interest in an established import and export business in San Francisco. Replies should be made by letter, care of foreign trade bureau.

7988—Hongkong, China. Large development company is in the market for paper which is used to manufacture plaster board. Samples, specifications and quotations are asked for. It is emphasized that paper for plaster board not wall board is desired.

7992—Brussels, Belgium. Manufacturer of Portland cement desires to quote prices to San Francisco users.

7994—Vancouver, B. C. manufacturers' agent and merchandise broker desires to represent San Francisco exporters or producers in the British Columbian territory. It is claimed that this is an export field which San Francisco traders are overlooking.

7998 — Havana, Cuva. Importer desires to obtain the agency from San Francisco hardware exporters for Cuban territory. He furnishes several references.

7999 — Habana, Cuba. Lumber commission merchant desires to obtain agency from San Francisco exporters of lumber and box shooks.

8002 — Germany. Firm desires to place an order in San Francisco for the manufacture of motorcycle gears.

8005 — Kanaal Apeldoorn, Holland. Manufacturers of chemical and mineral coloring substances such as steel blue, Paris blue, Prussian blue, chrome green, chrome yellow, lime green and colors for lithography, wall papers, sealing wax and industrial purposes, desire to appoint a special agent in San Francisco. They offer to send samples, quotations and full particulars upon receiving information from San Francisco as to the exact type of colors marketable here.

8007 — Bremen, Germany. Exporters of glass products, including window glass, glass tiles, glass letters, jars, perfume bottles, cold cream jars, laboratory tubes, thermometers, etc., desire to quote prices to San Francisco importers. Correspondence is invited.

8008—Dresden, Germany. Manufacturers of cardboard and packing paper, bristol boards, wrapping paper, desire to quote prices to San Francisco importers.

Leads for Business

ACCOUNTANTS—P. C. Jordy, 821 Market.
ADDING MACHINES—Wales Adding Machine Co., 503 Market to Williams Bldg.
ADVERTISING — R. S. Andrew, 637 Phelan Bldg.
ARTISTS—Helen Fressle (commercial) 637 Phelan Bldg.
ATTORNEYS—A. W. Jonas, 235 Montgomery to 785 Market.
B. F. Rabinowitz, 605 Market.
D. J. Chaplin, 485 California.
AUTOMOTIVE—Frank Burd and Jos. Tehany (used cars), 350 Golden Gate Avenue.
Bosch Parts Agency, 3600 Geary.
Jacob H. Harms (rental), 254 Randall.
Emil S. Neuschwander (used cars) 1369 Guerrero.
Phillips & Robb (tires), 501 Gough.
BAKERIES—Ida's Bakery, 2990 Mission.
BARBERS—Jos. Pinto, 427 Castro.
BEAUTY PARLORS — Crystal Palace Beauty Parlor, 1175 Market.
Blue Rose, 283 O'Farrell.
CANDY—Arthur Miller, 971 Bush.
CIGARS—New store 158 Leavenworth.
DELICATESSEN—De Luxe, 489 Ellis.
DENTISTS—Dr. L. C. Nuttman, 522 Valencia.
DRAYAGE—Jos. Robertson 74 Clementina.
DRY GOODS—Jos. Fleishman (1380 9th Ave.) 1109 Fillmore.
ELECTRICAL — Steinberg's Electric Co., 1344 Fillmore.
ENGINEERS — Lambert & Abrams (Radio), 214 Phelan Bldg.
FLORISTS — Leach & Harrigan, 471 Haight.
FRUIT—New store 407 Eddy soon.
FURNITURE——R. D. Bowers (shop), 1425 9th Ave.
GROCERS — Thos. Williams, 1523 to 1547 Guerrero.
HEATING SYSTEMS—Faultless Comort Furnace Co., 3200 Geary.
IMPORTERS — Swiss Importing Co., 821 Market.
J. F. Bouvier, 212 California.
INSECTICIDES—California Chemical Co. and Inter-Ocean Commercial Co. (Fred Lingohr) 696 4th to 593 Bryant
INSURANCE—Monarch Accident Ins. Co. (Saml Agnew), 745 Phelan Bldg.
Commercial Insurance Agency (H. N. Bakken, broker), 226 Sansome.
IVORY WARE—Karp Jewelry Company change offices to 232 Phelan Bldg.
MFRS. AGENTS—M. J. Newman, Mechanics Institute Bldg.
MARKETS—Lesser Bros. to open in old Valley Bldg., 373 Sutter.
MILLINERY — Pauline Sparrow 545 Sutter.
MINING—G. R. Neil 57 Post.
OIL—California-Coalinga Oil Co. (J. J. Hart) 307 26th Ave.
PAINTING—Gallian & Martinelli (formerly Gallian & Bonfilio 760 Union) 729 Union.
PAINTS—H. W. Sites 821 Market.
POLISHES — Universal Specialty Co., (metal). 564 Bosworth.
PUBLISHERS—Farm Bureau Monthly 582 Market toChancery Bldg.
RADIO — B. M. Sanders (equipment), 3345 24th.
Western Pacific Radia Corp., 214 Phelan Bldg.
REAL ESTATE — Jos. F. Kirschling, 3090 16th.
Thos. Scoble, L. G. Kilkeary and C. A. Griffin, 105 Montgomery, 321 Bush
Shanklin Land Co., 316 Bush.
STUDIOS — Boris Potroff (dance) 406 Stockton.
TAILORS — Metropolitan Tailors, 254 Taylor.
TEAS—Pacific Tea Bag Co., 1131 Folsom.
TOILET PREPARATION—Doriot Toilet Preparations, 38 Beale.
TRANSPORTATION—Richmond & San Francisco Transportation Co., 55 New Montgomery.
TYPEWRITERS—Pac-O-Way Co., 503 Market to Williams Bldg.
MISCELLANEOUS—Sperry Gyroscope Co., Inc., 141 2nd to Matson Bldg.
Western Mfg. & Supply Co., 442 Sansome.
Dr. J. B. Herring, 295 Miramar.
E. J. Berg, 1370 Mission.
ADDRESS WANTED — Local office Chas. E. Bedaux Co. (Cleveland).
LEASES—Mar 6, 24—Charles and Nellie Monson to I M Kaufman and Sada M McNutt—W Leavenworth 102-1½ N O'Farrell No 535 Leavenworth St 10 yrs $127,440.
Mar. 6, 24—Giovanni B and Annie Leane to R DA'ntonio and Jennie D'Antonio—6201 Geary St SW Cor. And 505 26th Av 1 yr $600.
Jan 16, 24 — Thomas Hourihan to Restovich—E Guerrero bet. 14th & 15th sts No 205 Guerrero st 3 yrs $25 per mo.
Jan 10, 23—Emile and Alfred Serveau—SE Cor Fillmore and Sacramento sts Nos 2140-2142 Fillmore st 3 years $3600.
Jan 1, 23—D E Anglum to E W Walker—1702 Market St 2 yrs $15 per mo.
Feb. 1, 24—George D Shadburne Jr to Leon Carrie and Mrs Adele Cassou—171 Fell st S line 50 E of Franklin fronting on Fell & Hickory sts 6 yrs $17,280.
Assigned Feb 28, 24 to Leon Carie.
May 25, 23—E J Kaleschke to Pearson Bros—SW cor Clement & 5th ave No 401 Clement st consisting of ½ of W ½ of said property 113 mos $25 per month.
ADVERTISING—Rice-Clum Co. (Shopping News) 921 Market.
ART STORE—Ross Gray & Co., 1047 Mission.
AUTOMOTIVE — Carleton Babcock (Auto Owners Service Club), 201 Sansome.
Hub Auto Painting Co., 320 Gough.
BEAUTY PARLORS — Vanity Beauty Shop. 5116 Geary.
Dolores Beauty Parlor, 3604 18th.
Primrose Beauty Parlor (Mrs. Frances Lohrman), 465 Geary.
CASTINGS—Grobler Ptg. Co (Chicago) L. A. Cendrier, mgr., 145 Bluxome soon.
CLEANING AND DYEING — Presidio Cleaning Works. 3939 Greenwich.
CLOAKS AND SUITS—M. E. Ulmer, 153 Kearny.
DAIRY PRODUCTS — Miller Bros. Creamery Co. and Blue and Gold Ice Cream, 820 Montgomery.
DRUGS—Geo. Broemel (2501 California) to open in new Fitzhugh Bldg.
GROCERS—C. C. Davis, 2500 30th Ave.
E. Kollmeyer, 2092 Sutter.
HARNESSMAKERS — J. W. McTigue, 3156 Mission to 1639 Valencia.
JEWELERS—Landews, 548 Geary.
MACHINE Works — Mission Repair Shop, 550 Valencia.
MEN'S FURNISHINGS—Engleson and Co., succeeding O'Neill & Co., 129 Montgomery.
MILLINERY — Mrs. Maud Booth, 420 Main St., Klamath Falls, Ore., opening millinery business. Wishes to buy from local wholesalers.
PHYSICIANS — Dr. L. E. Hardgrave, 330 to 380 Post.
PICTURE FRAMES—Parmelee Art Co., Inc., (29 Stockton), factory 909 Golden Gate Ave.
POLISHES—French Maid Auto Polish Co., 1602 Green.
PUBLISHERS — Guide Publishing Co. (W. C. Empey), 215 Leidsdorff to 619 California.
REAL ESTATE—C. T. Boykin 760 Market.
Mond Oil & Land Co., Hearst Bldg.
Fleming Tucker, 283 Turk.
RESTAURANT — Il'Trovatore Roof Cafe, 506 Broadway.
SHEET METAL WORK — Hege & Co., 1609 Powell to 1715 Union.
STOCKS AND BONDS—T. R. Jump, 155 Montgomery to 485 California.
TAILORS—R. Herman, 1807 Fulton.
Hyman Kino, 760 Market to 1140 Hyde.
TEXTILE—Blumberg & Co., (woolens) 74 New Montgomery to 330 Mission.

Official Proposals

NOTICE TO CONTRACTORS

(Vandalia Irrigation District)

Notice is hereby given that the Board of Directors of the Vandalia Irrigation District will receive bids for the furnishing of necessary labor required for the installation and construction of the particular portions of the system of irrigation works of said district hereinafter specified, all as shown and delineated on the plans and specifications therefor heretofore adopted by said Board, which said plans and specifications can be seen at the office of the Board at the residence of W. S. McClure, in the Vandalia Irrigation District, in the County of Tulare, State of California.

Bids will be received upon the following items namely:

1st: Furnishing 500 ft. of 18-inch well casing, and five starters, all in accordance with specification No. 1;

2nd: Drilling five wells to a depth of one hundred ft. or more, in accordance with specifications No. 1.

3rd: Furnishing and delivering F. O. B. Sunland, Tulare County, California.

One 125 h. p. motor.
One 75 h. p. motor.
One 40 h. p. motor.
Five 40 h. p. vertical motors.

According to specifications No. 2.

4th: Furnishing and delivering F. O. B. at Sunland, Tulare County, California three pumps, according to specifications No. 2.

5th: Furnishing and delivering and laying in trench approximately 55,000 ft. of riveted steel pipe wrapped with soil proof covering, and furnishing and erecting two stand pipes, in accordance with plans and specifications No. 3.

6th: Digging and back filling approximately 55,000 lineal ft. of trench for pipe lines 4 in. to 26 in. in diameter, according to specifications No. 4.

All of the items hereinabove referred to are particularly shown, described and delineated on the plans and specifications hereinabove referred to.

Bids will be received by said Board of Directors up to the hour of eleven o'clock A. M. on Monday the 31st day of March, 1924, and sealed proposals on form to be furnished by the district may be filed with the Secretary of said Board at the office thereof at any time prior to said hour, and that at the time and place named, said Board of Directors will publicly open said proposals, and the contract will be let to the lowest responsible bidder, provided, however, that the Board reserves the right to reject any and all bids.

All bids must be accompanied by a bond or certified check for ten per cent of the amount of the bid conditioned for the execution of a contract by the successful bidder.

The person or persons to whom a contract may be awarded shall be required to enter into a bond with good and sufficient sureties to be approved by the Board, payable to said district, for its use for twenty-five per cent of the amount of the contract price conditioned for the faithful performance of said contract, and said contract will require that said work shall be done under the direction and to the satisfaction of the Engineer of said district, and be approved by the Board of Directors of said district.

Dated: March 7th, 1924.

VANDALIA IRRIGATION DISTRICT
By W. S. McClure, Secretary.

NOTICE TO BIDDERS

(Thermalito Irrigation District — Lapweld Pipe)

Sealed proposals will be received by the Board of Directors of the Thermalito Irrigation District at the office of the board, Oroville, California, until **eight o'clock p. m., April 2nd, 1924,** for furnishing Stanley Lapweld Pipe as follows:

> A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.
>
> **Rate:** 10 cents per line, per insertion.
>
> All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section

500 feet 20 inches o. d. .272 in. thick, 900 feet 20 inch o. d. .375 in. thick, 800 feet 20 inch o. d. .409 in. thick, 18 inch blow off valve to operate under 730 feet head.

All pipe shall have plain ends beveled for welding and shall be coated with a satisfactory pipe dip.

Prices shall be f. o. b. cars Oroville.

Bidders shall furnish specifications covering processes and materials used in manufacture of pipe.

Contract will be let to the lowest re-

R. A. LEONARD,
Secretary.

NOTICE TO BIDDERS

(Thermalito Irrigation District—Riveted Slip Joint Pipe)

Sealed bids will be received by the Board of Directors of the Thermalito Irrigation District at the office of the Board, Oroville, California, until **eight o'clock p. m., April 2nd, 1924,** for furnishing 24,020 lineal feet of riveted slip joint pipe with all fittings such as tees, bends, wyes, branches, crosses and tapers.

Contract will be let to the lowest responsible bidder.

Plans and specifications can be seen at the office of the board, Oroville, California.

R. A. LEONARD,
Secretary Thermalito Irrigation District.

NOTICE TO CONTRACTORS

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 1111 Pacific Finance Building, Los Angeles, Cal., until 11 o'clock A. M. on April 7, 1924,** at which time they will be publicly opened and read, for the construction, in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Los Angeles County, between Pasadena Avenue and Montebello (VII-L. A.-2-D), about two and eight-tenths (2.8) miles in length, to be paved with Portland cement concrete and surfaced with asphalt concrete.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Wilhits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: March 10, 1924.

BIDS WANTED FOR WIRE GRATING

NOTICE TO CONTRACTORS

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal. Sealed proposals will be received here until 11 A. M., April 7, 1924, for wire gratings for guard house Fort Winfield Scott, Calif. Information upon application.

NOTICE TO CONTRACTORS

(Department of the Interior—National Park Service)

Bids will be opened by George E. Goodwin, Chief Civil Engineer, National Park Service, at the office of the Utah State Road Commission, State Capitol Building, Salt Lake City, Utah, at **two o'clock p. m., Thursday, April 3, 1924,** for the construction of road approaches, concrete abutments, etc., and for furnishing, hauling, and erecting, etc., a 220-ft. steel highway bridge, all near Rockville, Utah, all work to be included in one contract. Instruction to bidders, proposed blank forms, specifications and drawings for the work can be obtained from Mr. Goodwin's office, 811 Couch Building, Portland, Oregon, upon personal or written application and the deposit of $2, which sum will be refunded upon the return of the specifications complete in good condition not later than the date of opening of the bids. (Deposits shall be in the form of certified or cashier's checks made payable to George E. Goodwin, Chief Civil Engineer.) Specifications and drawings can also be seen at the National Park Service, Washington, D. C., at the office of the Superintendent of Zion National Park, at the office of the County Commissioners at St. George, Utah, at the office of the Forest Service at Cedar City, Utah, at the office of the Chief Engineer of the State Road Commission of Salt Lake City, and at the Chambers of Commerce of Ogden, Salt Lake City, Provo, Los Angeles, San Francisco and Denver.

STEPHEN T. MATHER, Director.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

Engineering News Section

BRIDGES

STOCKTON, San Joaquin Co., Cal.—County Surveyor F. E. Quail preparing spec. for drawbridge over a dredger cut along side of portion of Kings Island, about 2-mi. north of Disappointment slough; est. cost $35,000. Plans must receive the approval of the War Department before bids will be asked.

ARROYO GRANDE, San Luis Obispo Co.—Until 8 p. m., Mar. 19 bids will be rec. by city clerk to const. 110 ft. span reinf. conc. arch bridge. Plans obtainable from Engr. Burch & Beck, Comml Bank Bldg., San Luis Obispo, upon payment of $5.

SANTA ROSA, Sonoma Co., Cal.—City council, Vida McL. Doggett, clerk, approves spec. for New A street bridge over Santa Rosa Creek; est cost, $19,-$20. City Eng. Geo. Comstock instructed to proceed with construction of south abutment, other portions of work to be undertaken when funds are available.

MARYSVILLE, Yuba Co., Cal.—Due to failure of supervisors of Yuba and Sutter counties to agree on joint financing of bridge over Bear River at Rio Oso, plans have been advanced whereby both counties would construct separate bridges, Yuba county to build the lower, or west bridge and Sutter county the upper, or east bridge

MERCED, Merced Co., Cal.—Carlson Bros., Turlock, at $2,100 awarded cont. by supervisors to const. conc. bridge near Cressey.

AUBURN, Placer Co., Cal.—Skeels and Hudson, Auburn, at $1455 awarded cont. by city trustees to const. 2 rein. conc. bridges over canal of Pacific Gas and Electric Co., in Lincoln Way.

REDDING, Shasta Co., Cal.—Until April 9, 2 p. m., bids will be rec. by S. N. Witherow, county clerk, to const. 2 rein. conc. through girder bridges over Dry Creek on Anderson-Shingletown rd., one structure having 40-ft. span over east channel of creek. Cert. check 10% payable to county req. C. R. Weigel, county surv. Plans on file in office of clerk.

OAKLAND, Cal.—Renner Foundation Co., 628 Montgomery St., San Francisco, at $1290 awarded cont. by supervisors to const. fender dolphin at Webster Street bridge in Alameda. Other bids Healy-Tibbitts Const. Co., $1485; A. W. Kitchen, $1770; M. Elwell, $1575; S. F. Bridge Co., $2295.

ROCKVILLE, Utah.—Until April 3, 2 p. m., bids will be rec. by Geo. E. Goodwin, chief civil engineer, National Park Service, at office of Utah State Road Commission, Capitol Bldg., Salt Lake City, to const. road approaches, concrete abutments, etc., and to fur. haul and erect 220-ft. steel highway bridge, all near Rockville, Utah. Spec. obtainable from Room 811 Couch Bldg., Portland, Ore., on deposit of $2, returnable, and may be seen at offices of Chamber of Commerce, San Francisco and Los Angeles. **See call for bids under official proposal section in this issue.**

BREMERTON, Wash.—East Bremerton Bridge Committee of Chamber of Commerce preparing report on proposal to construct East Bremerton bridge; est. cost $250,000. Financial support has been pledged by those interested in project.

DREDGING, HARBOR WORKS AND EXCAVATIONS

OROVILLE, Butte Co., Cal.—Lord & Bishop, Oroville, at $6780 awarded contract by Thermalito Irrigation District to const. ditch involv. 600 cu. yds. earth excavation; 1200 cu. yds. loose or soft rock excavation and 4200 cu. yds. solid rock excavation. Other bids were: J. A. Huntington, Oroville, $8342; J. M. Tryde, Biggs, Calif., $8465.

PLACERVILLE, El Dorado Co., Cal.—Simpson Bros., Sacramento, at $.75 lin. ft. submits only bid to El Dorado Corp. to const. approx. 3-½mi. of earth canal bet. Webber Creek and reservoir and Texas Hill tunnel.

SAN DIEGO, Cal.—City council has added $250,000 to proposed bond issue for pier improvements. This is for a bulkhead below Market St. and for dredging.

MARYSVILLE, Yuba Co., Cal.—City Eng. W. M. Meek estimates cost of dredging Ellis Lake north of 14th St., at $7,353. Taken under advisement by council.

REDWOOD CITY, San Mateo Co., Cal.— Supervisors adopt resolution calling upon U. S. Gov't to order a survey of the Redwood channel to determine the feasibility of deepening and widening. Geo. A. Kneese, county surveyor.

TERRA BELLA, Tulare Co., Cal—See "Waterworks," this issue. Bids wanted for pipe lines, trenching, well drilling and casing, etc.

NAPA, Napa Co., Cal.—H. H. Thompson, city clerk, instructed to advertise for bids to excavate trench for municipal water system in hillside of Milliken canyon, involv. 7500 cu. yds. excavation. Bids will probably be opened March 24. A. Kempkey, consulting engineer, Hobart Bldg., San Francisco.

RICHMOND, Contra Costa Co., Cal.—See "Parks and Playgrounds," this issue. Dredge and fill.

IRRIGATION PROJECTS

MERCED, Merced Co., Cal.—Merced Irrigation District sets March 31 as date to vote bonds of $3,500,000 to finance completion of upper works in district, including construction of Exchequer dam, relocation of Yosemite Valley R. R., and construction of power house.

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NEVADA COUNTY, Calif. — A contract for a combined hydro-electric irrigation project in Nevada county, to cost approximately $8,000,000, has been signed between the Pacific Gas and Electric Company and the Nevada County Irrigation District and will be submitted to the State Railroad Commission for approval. Under the contract the parties will make available approx. 200,000 ac. ft. of water from the south and middle forks of the Yuba river for use first for development of hydro-electric power through diversion into the Lake Spalding supply of the power company, and then for the irrigation of the district's holdings through distributing canals and reservoirs in Jackson Meadows. It is planned at first to irrigate approximately 50,-000 acres, although a much greater area eventually will be covered. The project not only includes improvements in the Lake Spalding region but also the construction of reservoirs in Jackson Meadows and canals from Deer creek and Bear river to the distributing points.

TERRA BELLA, Tulare Co., Cal. — Until March 31, 10:30 a. m., bids will be rec. by W. S. McClure, secy., Vandalia Irrigation District, for purchase of $210,000 (or portion) bond issue of dist. Proceeds of sale are to finance improvements in district.

OROVILLE, Butte Co., Cal.—Election will be held April 8 in Drainage District No. 200 to vote bonds of $25,000 to finance completion of necessary conduits, drains, sluices, water-gates, embankments, etc. Directors of district are: G. A. Lattemore, Chas. Bloom and Cornelius Sullivan.

SUSANVILLE, Lassen Co., Cal. — Election will be called shortly by Red Rock Irrigation District to vote bonds to finance construction of irrigation works.

LIGHTING SYSTEMS

LOS ANGELES, Cal. — Council Declares inten. to const. ornam. lighting system in N. Broadway, bet. Lincoln Park Ave. and Pasadena Ave., involving 156 Conc. lighting posts.

HUNTINGTON BEACH, Cal. — See "Streets & Sewers," this issue.

MACHINERY & EQUIPMENT

YUBA CITY, Sutter Co., Cal.—Supervisors of Sutter and Colusa counties will ask bids at once to be opened probably April 7, to fur. ferryboat and equipment to be operated at Grimes. Each county will bear one-half the cost which is placed at $4000.

LOS ANGELES, Cal.—Harron, Rickard & McCone, 225 S. San Pedro St., awarded contr. by Bd. Pub. Wks. at $8235 for portable gas engine driven air compressor unit for use on Mulholland highway work

SALINAS, Monterey Co., Cal.—Harron-Rickard & McCone, 139 Townsend St., San Francisco, at $11,445.50 awarded cont. by supervisors to fur. one No. 1 Koehring gasoline shovel.

LOS ANGELES, Cal.—Marion Steam Shovel Co. (Ricker Mchy. Co., agents), $4,550, f. o. b. Van Nuys two revolving steam shovels for Mulholland highway.

RAILROADS

OROVILLE, Butte Co., Cal.—Western Pacific R.R. Co. awards contracts for furnishing ties delivered Oroville, Quincy and Berry Creek as follows: D. J. Morrison, Oroville, 20,000; W. D. Foster, Berry Creek, 10,000; L. R. Stokes, Oroville, 20,000; H. Lague, Woodleaf, R. F. D., 90,000; O. C. Ermatinger, Oroville, 10,000; J. Kasmark, Oroville 1500; F. G. Watterson, Chico, 10,000; Grubbs and Field, Enterprise, 14,000.

MERCED, Merced Co., Cal.—See "Irrigation Projects," this issue. To bond of r. .r relocation and dam project.

FRESNO, Fresno Co., Cal.—Atchison, Topeka and Santa Fe Railroad will spend approx. $300,000 in the Fresno district in track maintenance and improvements within the next few months, it is announced by J. W. Walker, supt. of the Fresno division of the company. The 75-lb rails on branch line from Calwa to Corcoran, by way of Dinuba, Visalia and Tulare will be replaced with 90-lb. rails and the road-bed will be reballasted. Wahtoke branch, extending 17-mi. from Reedley to Piedra will be improved with 85-lb. second hand rails which are being placed along the line.

FIRE ALARM SYSTEMS

SAN ANSELMO, Marin Co., Cal. — Election will be called shortly to vote bonds of $29,000 to finance installation of additional fire alarm boxes and purchase of pumper.

FIRE EQUIPMENT

SAN ANSELMO, Marin Co., Cal. — Town trustees, A. W. Studley, clerk, will call election shortly to vote bonds of $29,000 to finance purchase of pumper and installation of additional alarm boxes.

SAN JOSE, Santa Clara Co., Cal.—An election will be held in College Park district to decide on expenditure of funds to finance purchase of site and erection of fire station and purchase of necessary apparatus.

COLUSA, Colusa Co., Cal.—Messick & Kirkpatrick, Colusa, at $1 10 ft. (Victor brand) awarded cont. by city trustees to fur. 500 ft. 2½-in. fire hose.

RESERVOIRS AND DAMS

VERNON, Cal. — See "waterworks," this issue.

RICHMOND, Contra Costa Co., Cal. —Surveys will be started at once under the auspices of the Sacramento Valley Development Assn for a dam across San Pablo Bay from Point San Pablo to the Marin Shore. The association has $40,000 available for the survey which will be made by Walker Young, who recently made a survey of the Colorado river project. Proposed dam is to create a fresh water lake back of Richmond, providing water for the municipality, for irrigation and industry.

MERCED, Merced Co., Cal.—See "Irrigation Projects," this issue. To bond of r.r. relocation and dam project.

ORANGE, Cal.—Until 1 p. m., March 25, bids will be rec. by city trustees to const. rein. conc. reservoir with wooden roof. Spec. on file at the office of consulting engrs., J. B. Lippincott & Co., Central Bldg., Los Angeles. Cert. check of bond 10%. W. A. White, city clerk.

BEVERLY HILLS, Cal.—See "Waterworks," this issue. Awards of contract.

PIPE LINES, WELLS, ETC.

SANTA ANA, Cal.—Until 11 a. m., March 25, bids will be rec. by supervisors to drill and case 2 water wells for Dist. No. 2 at Grand Ave. and 9th St., in the town of Buena Park. Spec. on file at the office of the clerk. Cert check or bond 10%. J. M. Backs, clerk.

TERRA BELLA, Tulare Co., Cal.—See "Waterworks," this issue. Bids wanted for pipe lines, trenching, well drilling and casing, etc.

MONROVIA, Cal.—So. Cal. Well Co. submitted low bid to city trustees to drill wells as follows: San Gabriel well $6304.50; Chapman well, $4732.50; testing, $35 per hr.

S. F. Catey bid $8705 San Gabriel, $6750 Chapman; testing, $45 per hr.

SAN FRANCISCO—U. S. Cast Iron Pipe and Foundry Co., Monadnock Bldg., at $196,802 awarded cont. by Bd. Pub. Wks. to fur. and del. flexible joint c.i. pipe for submarine portions of Hetch Hetchy Aqueduct Bay Crossilng division.

SEWAGE DISPOSAL PLANTS

ARROYO GRANDE, San Luis Obispo Co., Cal.—Engrs. Burch & Beck, Commercial Bank Bldg., San Luis Obispo, commissioned by city trustees to prepare estimates of cost for a sewerage system and disposal works for the city of Arroyo Grande.

BURBANK, Cal.—F. Curt Miller, preparing plans for new sewer system including disposal system by the farm plan. Olmsted & Gillelen, Hollingsworth Bldg., Los Angeles, are consulting engineers.

MISCELLANEOUS CONSTRUCTION

HEALDSBURG, Sonoma Co., Cal. — City Board of Trustees order estimates prepared for construction of garbage incinerator.

RED BLUFF, Theama Co., Cal.—City Eng. W. F. Lunning instructed to prepare specifications for proposed municipal swimming pool; est. cost $15,000.

WATER WORKS

LOS ANGELES, Cal.—Grinnell Co. of the Pacific, 439 E 3rd St., submitted low bid to public service comm. at $81,654 (or $4.39 ft.) for 1550 pcs., 4-metre length, 20-in. class B c. i. water pipe; one-half shipment early in June, bal. first of July. Other bids were:

W. K. Thompson—$52.40 per ton or $85,281 (ex vessel's tackles) and $52.96 per ton, or $86,192.40 (f. o. b. cars on docks San Pedro); shipment April or May, arrive San Pedro 30 to 45 days; earlier shipment may possibly be arranged. Pipe in 4 or 5 metre lengths.

Thos. Haverty Co.—$53.94 per ton or $87,787.35, shipment 100 lengths per week beginning 6 wks after receipt of order—approx. time in transit 60 days; pipe in 12-ft. lengths.

Pac. Pipe & Supply Co.—$57.00 per ton or $92,769.50; deliv. to commence in 10 wks., complete in 20 wks. Pipe in 4-metre lengths.

U. S. Cast Iron Pipe & Fdy. Co. — $58.50 per ton of $95,208.75; commence manufacture immediately at rate of 50 lengths per day. Pipe in 12-ft. lengths.

VERNON, Cal.—Crane Co., 319 E 3rd St., submitted low bid to city trustees at $63 each for 125 hydrants for new water work system. Other bids were: Keystone Iron Wks, $65; Water Works Supply Co., $108; R. D. Wood & Co., $129. There were several alternates by each firm but it is probable they will not be considered.

Minneapolis Steel & Mchy Co., 1029 Chapman Bldg., low bidder at $9150 to const. 100,000 gal. steel tank with tower in connection with the new water works system. Howard McCurdy, 394 Pac. Elec. Bldg., engr. in charge. Other bids were Pittsburgh-Desmoines Steel Co., $9200; Chicago Bridge and Iron Works, $9715; Llewellyn Iron Works $10,844. Bids were referred to the engineer.

Water Works Supply Co., 705 Wright & Callender Bldg., only bidder at $1,497 to fur. one Ventura metre of 6000-gal. capacity per min. Howard McCurdy, 394 Pac. Elec. Bldg., Los Angeles, engineer.

VERNON, Cal. — Kinne & Westerhouse, 636 H. W. Hellman Bldg., submitted low bid to city trustees at $20,500 to const. 3,000,000 gal. reservoir 185x185 ft., for waterworks system. Howard McCurdy, 394 Pacific Electric Bldg., Los Angeles, engr. Reservoir will be lined with 4-in. conc., wire mesh reinf., and wood roof. Other bids Neal Woods, $24,750; Bent Bros., $26,000; Clarence P. Day Corp., $27,500; R. A. Wattson, $31,700.

Barber Greene Model 42 Loader

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Basalt Rock Co.

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LOS ANGELES, Cal.—Until 3 p. m., Mar. 14, bids will be rec. by Pub. Serv. Comm., or 1460 pcs. 24-in. class C (12-ft lengths), and 600 pcs. 10-in. class C (12 ft. lengths),cast iron ,B. & S. water pipe. Alternative bids will be rec. on De Lavaud or equal pipe. Adv. No. 710-B. Jas. P. Vroman, secy.

CULVER CITY, Cal.—Olmsted & Gillelen, consulting engrs., Hollingsworth Bldg., Los Angeles, preparing spec. for a waterworks system under a $300,000 bond issue.

TERRA BELLA, Tulare Co., Cal.—Until March 31, 11 a. m., bids will be rec. by W. S McClure, secy. Vandalia Irrigation District for works in district as follows:

1. Furnishing 500 ft. 18-in. well casing, and 5 starters.
2. Drill five wells to depth 100 ft. or more.
3. Furnish and del. f. o. b. Sunland Tulare County, California, one 125-h.p. one 75-h.p. and one 40-h.p. motors and five 40-h.p. vertical motors.
4. Furnish and del. f. o. b. Sunland, 3 pumps.
5. Fur., del. and lay in trench approx 55,000 ft. of riveted steel pipe wrapped with soil proof covering and fur. and erect 2 standpipes.
6. Dig and backfill approx. 55,000 lin. ft. trench for pipe lines 4-in. to 26-in. dia.

Cert. check 10% req. with each bid. Plans and specifications obtainable from secretary. **See call for bids under official proposal section in this issue.**

BEVERLY HILLS, Cal.—Byron Jackson Pump Mfg. Co., 303 E 3rd St., awarded cont. by city trustees at $1062.60 for 7 direct connected motor driven centrifugal booster pumping units for water works system.

LOS ANGELES, Cal.—American Steel Pipe and Tank Co., 354 P. E. Bldg. submitted low bid to public service comm. for well casing and starters as follows. Item (1) 600 joints No. 10 gauge double stove pipe well casing 12-in. dia., each length 3 ft., $2781; (2) six starters, $585; (3) 600 joints No. 10 gauge double stove pipe 16-in. casing, 3 ft. lengths, $3591; (4) 3 starters, $507

Union Tank and Pipe Co.—(1) $2937, $593; (3) $3800; (4) $538.

ORANGE, Cal.—Until 1 p. m., March 25, bids are rec. by city trustees for booster pump and increasing gear, f. o. b. water plant. Cert. check or bond 10%. W. A. White, city clerk.

REEDLEY, Fresno Co., Cal. — Until March 18, 8 p. m., bids will be rec. by Hazel Trembley, city clerk, to fur. and install deep well pump at city hall, to del. from 550 to 600 gals. per min. Cert. check 10% payable to City Treasurer req. Spec. obtainable from city clerk.

LOS ANGELES, Cal.—Grinnell Co. of the Pacific, 439 E 3rd St., awarded contract by public service comm. at $4.39 per ft. for 18,600 ft.20-in. cast iron pipe in 4 metre lengths.

SAN BERNARDINO, Cal. — Until 7 p. m., March 18, bids be rec. by board of water commissioners to fur. one deep well turbine pump having a min. capacity of 225 miners' inches and a medium capacity of 200 miners' inches. Spec. on file at the office of the city water supt. Cert. check 10%. R. W. McGillivray, pres. of the water board.

OROVILLE, Butte Co., Cal. — Until April 2, 8 p. m., bids will be rec. by R. A. Leonard, secy. Thermalito Irrigation District, to fur. 24,020 lin. ft. of riveted slip joint pipe with all fittings, such as tees, bends, wyes, branches, crosses and tapers. **See call for bids under official proposal section in this issue.**

POSITION WANTED

MAN 38, competent in waterworks and reservoir construction, desires employment with firm in that line of work. References. Address J. H., care Building & Engineering News.

ORANGE, Cal.—Until 1 p. m., March 25, bids will be rec. by city trustees for one natural gas engine, four cycle type, 120 brake h.p., to be installed at waterworks plant. Spec. on file at the office of the city clerk. Cert. check or bond 10%. W. A. White, city clerk.

BEVERLY HILLS, Cal.—Bids rec. by city trustees to fur. water works system were rejected and the engrs. instructed to purchase pipe in the open market. Salisbury, Bradshaw & Taylor 518 Mortgage Guarantee Bldg., Los Angeles, consulting engrs.

VENICE, Cal. — Venice Consumers Water Company, distributing water in the city of Venice, Los Angeles county applies to Railroad Commission for authority to issue first mortgage bonds of the face value of $350,000, and preferred stock of the par value of $55,000, and common stock of the par value of $153,000, and to use the proceeds from the sale thereof in payment of outstanding indebtedness, and for the acquisition of plants and properties

LOS ANGELES, Cal.—Until 3 p. m., March 14, bids will be rec. by public service comm., 207 S Bdwy. for reinf. bell and spigot conc. water pipe and fittings as follows: 400 ft. 36-in., 420 ft. 20-in., 420 ft. 24-in., 420 ft. 20-in., 420 ft. 18-in., 420 ft., 16-in., 420 ft. 14-in., 420 ft. 12-in., 650 ft. 20-in., 365 ft. 10-in., with 51 various sized tees. Prices to be (on first 8 pipe items) f. o. b. Hollywood, Weld Canyon reservoir site, and (on last 2 pipe items, f. o. b. pumping plant site, 62nd and Manhattan Sts. Spec. 710-C. Jas. P. Vroman, secretary.

ALHAMBRA, Cal.—Fairbanks-Morse & Co. awarded cont. by city trustees at $3350 to fur. booster pump for Emery Park.

SOUTH PASADENA, Cal.—Until 6 p. m., March 24, bids will be rec. by city trustees to fur. and install 4 water pumps. Cert. check 10%. R. V. Orbison, city manager.

SAN JUAN, San Benito Co., Cal.—G. Weissbaum & Co., 137 11th St., San Francisco, at $2200.25 awarded contr. by town trustees to excavate, lay and backfill for 1750-ft. 5½-in. o. d. pipe and 22,750-ft. 4½-in. pipe.

OROVILLE, Butte Co., Cal. — Until April 2, 8 p. m., bids will be rec. by R. A. Leonard, secy. Thermalito Irrigation District, to fur .Standard Lapweld pipe as follows:

500 ft. 20-in. o. d. .272-in. thick.
900 ft. 20-in. o. d. .375-in. thick.
800 ft. 20-in. o. d. .409-in. thick.
One 18-in. blow off valve to operate under 730-ft. head.

All pipe to have plain ends beveled for welding and shall be coated with pipe dip. All prices to be f. o. b. cars Oroville. **See call for bids under official proposal section in this issue.**

FALLON, Nevada — Truckee-Carson Irrigation District has authorized $25,000 expenditure to construct pumping plant above Lathontan reservoir; will be used to draw water from canal to irrigate lands at Swingle Bench and area between that point and Lahontan dam. Some canal work is included in the project.

SANTA MONICA, Cal.—Six bids were submitted to the council to construct waterworks system under the $1,000,000 bond issue; Elrod Engineering Co., 209 Mills-Fraser Bldg., Santa Monica, consulting engr. The bidders were: (a) Claude Fisher, Los Angeles (time limit, start within 20 days, complete in 200 wkg. days); (b) Schulz Constr. Co., San Francisco (start within 60 days, complete within 240 days); J. E. Little, Whittier (bond for $20,000 only; time limit, start within 60 days, complete within 240 days); (d) Sidney Smith, Los Angeles (start within 75 days, complete within 200 days); (e) Thos. Haverty Co., Los Angeles (start within 10 days, complete within 325 days); (f) George R. Cooke Co., Detroit, Mich. (start within 60 days, complete within 160 days); (g) J. D. Kneen Co., Santa Monica (this firm submitted a bid which was not complete in that it omitted many items on the regular schedule and substituted alternates, giving prices partly per ft., partly per ton and partly per 4-metre lengths, also for sand, gravel, jute, etc. Bids were referred to the consulting engrs., for tabulation and report. The unit bids were:

	(a)	(b)	(c)	(d)	(e)	(f)	(g)
13,800 ft. 20-in. riv. steel pipe...	$3.38	$3.47	$4.22	$4.75	$4.68	$3.75	$2.98
9,600 ft. 16-in. riv. steel pipe...	2.84	2.91	3.50	3.95	3.90	3.15	2.47
3,200 ft. 12-in. riv. steel pipe..	1.80	1.80	2.42	2.72	2.50	1.90	1.47
6,000 ft. 8-in. riv. steel pipe...	1.12	1.90	1.44	1.62	1.53	1.20	.825
13,500 ft. 24-in. "B" c. i. pipe...	7.89	8.80	9.90	8.75	11.75	8.85	*55.96
3,550 ft. 20-in. "B" c. i. pipe...	5.93	6.80	7.75	6.40	9.10	6.65	55.96
15,510 ft. 16-in. "B" c. i. pipe...	4.35	4.80	5.65	5.15	6.72	4.90	55.96
9,670 ft. 14-in. "B" c. i. pipe...	3.49	3.95	4.55	3.95	5.70	4.15	55.96
51,270 ft. 12-in. "B" c. i. pipe...	2.85	3.16	3.55	3.85	4.65	3.30	55.96
51,270 ft. 12-in. Delavand pipe...	2.72	3.08	3.43	3.85	4.48	3.30	....
11,950 ft. 10-in. "B" c. i. pipe...	2.27	2.46	2.90	3.30	3.82	2.70	55.96
11,950 ft. 10-in. Delavand pipe...	2.11	2.41	2.74	3.10	3.64	2.70	....
46,430 ft. 8-in. "B" c. i. pipe...	1.73	1.90	2.23	2.52	2.92	2.10	55.96
46,430 ft. 8-in. Delavand pipe....	1.62	1.86	2.12	2.40	2.78	2.10	....
21,320 ft. 6-in. "B" c .i. pipe...	1.25	1.37	1.75	2.00	2.16	1.55	55.96
21,320 ft. 6-in. Delavand pipe...	1.17	1.34	1.65	1.85	2.07	1.55	....
6,500 ft. 4-in. "B" c. i. pipe...	.9282	1.15	1.40	1.55	1.60	1.25	57.86
6 24-in. gate valves (each)..	348.29	340.00	500.00	550.00	431.75	410.00	....
2 20-in. gate valves (each)..	249.94	240.00	350.00	400.00	309.75	280.00	....
10 16-in. gate valves (each)..	156.64	150.00	235.00	275.00	191.50	175.00	....
7 14-in. gate valves (each)..	114.32	120.00	200.00	225.00	135.95	145.00	....
45 12-in. gate valves (each)..	84.26	80.00	150.00	160.00	100.90	100.00	....
12 10-in. gate valves (each)..	65.64	63.00	80.00	140.00	75.00	80.00	....
36 8-in. gate valves (each)..	44.25	32.00	60.00	65.00	48.50	60.00	....
27 6-in. gate valves (each)..	30.82	29.00	41.50	50.00	33.10	43.00	....
14 4-in. gate valves (each)..	23.55	20.00	35.00	40.00	23.75	31.00	....
150 6-in. fire hydrants (each)	68.00	70.00	125.00	135.00	84.00	75.00	....
Cutting asph. pave (sq. ft.).....	.045	.01	.03	.04	.02	.02	....
Cutting conc. pave (sq. ft.).....	.045	.01	.03	.04	.02	.02	....
Cutting oil & rock pave (sq. ft.)	.045	.005	.02	.03	.0175	.01	....
Replacing asph. pave (sq. ft.)....	.06	.05	.125	.15	.075	.06	....
Replacing conc. pave (sq. ft.)....	.06	.04	.125	.15	.04	.06	....
Replace oil & rock pave (sq. ft.)	.06	.025	.10	.15	.025	.04	....
Ad. cost lead over cem joints 24-in	4.80	4.00	7.25	7.30	5.85	.05	....
Ad. cost lead over cem joints 20-in	4.06	2.50	6.20	6.25	4.25	4.15	....
Ad. cost lead over cem joints 16-in	3.30	2.75	4.95	5.00	3.70	3.35	....
Ad. cost lead over cem joints 14-in	2.52	2.00	3.65	3.70	2.85	2.50	....
Ad. cost lead over cem joints 12-in	2.05	1.75	3.15	3.25	2.55	2.00	....
Ad. cost lead over cem joints 10-in	1.77	1.40	2.65	2.75	2.05	1.80	....
Ad. cost lead over cem joints 8-in	1.55	1.10	2.20	2.33	1.75	1.50	....
Ad. cost lead over cem joints 6-in	1.25	.90	2.00	2.15	1.35	1.15	....
Ad. cost lead over cem joints 4-in	.88	.70	1.90	2.00	1.10	.90	....
Extra work (connections present system) cost plus	15%	10%	20%	20%	20%	15%	....
C. I. specials (cem. joints) per ton	140.00	165.00	180.00	200.00	275.00	140.00	....
RW boxes with asph filler, lin ft	2.50	1.30	6.00	7.00	3.50	4.00	....
20x8" blow-off tees, riv steel pipe	25.00	27.50	15.00	25.00	28.50	40.00	....
16x8" blow-off tees, riv steel pipe	27.00	15.50	15.00	25.00	25.00	40.00	....

*Per ton f o. b. trench side. The Kneen Co. submitted an alternate on c. i. pipe, using 4-metre (or 13.25 ft.) lengths, as follows: 24-in., $5.305; 20-in. $4.069; 16-in., $3.0517; 14-in., $2.4414; 12-in., $2.0345; 10-in., $1.6276; 8-in., $1.2207; 6-in., 83.41c; 4-in., 54.22c; f. o. b.trench side. Other alternates on redwood and fir pipe were submitted, details of which will be published later.

NAPA, Napa Co., Cal.—U. S. Cast Iron Pipe & Foundry Co., Monadnock Bldg., San Francisco, at $75.50 per ton (total $940.50) f. o. b. Napa, awarded cont. by council to furnish pipe for water system.

VERNON, Cal.—Until 10 a. m., March 18 bids will be rec. by city clerk for following:

1—One deep well turbine pump, 1000 G. P. M. under head of 220 ft.; direct connected to 100 H. P., 3 phase, 50 cycle, 2200 volt, 4 to 6 pole squirrel cage motor.

2—One horizontal centrifugal pump, 1000 G. P. M. under 135 ft. head; direct connected to 60 H. P., 3 phase, 50 cycle, 2200 volt, 4 pole squirrel cage horizontal induction motor.

3—Two horizontal centrifugal fire pumps of type approved by Nat. Board of Fire Underwriters, 1250 G. P. M. under 400 ft. head; each to be direct connected to 200 H. P., 3 phase, 50 cycle, 200 volts, 4 pole squirrel cage induction motor.

4—One horizontal centrifugal fire pump, same as described in item 3 with direct connected high speed internal combustion engine. Engine must have sufficient power and speed to operate pumps as required in item 3.

Cert. check or bond for 10%. Spec. may be obtained from Howard McCurdy, city engr., 394 Pacific Elec. Bldg., Los Angeles.

OROVILLE, Butte Co., Cal. — **Until April 2, 8 p. m.,** bids will be rec. by R. A. Leonard, secy. Thermalito Irrigation District, to fur. 1500 lin. ft. riveted pipe. Further information obtainable from secretary.

BEVERLY HILLS, Cal.—Union Construction Co., Key Route Fill, Oakland, awarded cont. by city trustees at $6940 to const. aerating tanks for water works system. On the 250,000-steel tank and tower, cont. was awarded to the Pittsburgh-Des Moines Steel Co., at $15,900. The centrifugal booster pump cont. went to the Byron Jackson Pump Mfg. Co., Los Angeles, at $3179.60. Salisbury, Bradshaw & Taylor, 518 Mortgage Guarantee Bldg., Los Angeles, consulting engineers.

PLAYGROUNDS AND PARKS

BERKELEY, Alameda Co., Cal. — Chamber of Commerce backs movement for aquatic park on waterfront with swimming, rowing and yachting facilities, construction of swimming pools and the establishment of several community camps in the Berkeley Hills.

RICHMOND, Contra Costa Co., Cal — Park and Playground Commission contemplates $200,000 expenditure to develop a parking and boating center on the lagoon east of the Washington school. Project will involve considerable dredging and fill. H. D. Chapman, city eng. and John A. Miller, chairman of the Park and Playground Commis-

PALO ALTO, Santa Clara Co., Cal.—City council, Frank Kasson, clerk, approves plans of Russell V. Black for proposed water works improvements. It is probable an election will be held to vote bonds to finance this work in addition to other park improvements. J. F. Bxybee, Jr., is city eng.

SEWERS & STREET WORK

VENTURA COUNTY, Calif.—Following bids rec. March 10 by State Highway Commission, Forum Bldg., Sacramento, to imp. 13.5 mi. of highway in Ventura county, betw south boundary and Camarillo, 13.5-mi. to be graded; 7.4-mi. to be paved with Port. cem. conc. and 2.5-mi. to be widened with Port. cem. conc. shoulders. Project involves 46,000 cu. yds. roadway excavation without classification; 40,000 sta. yds. overhaul (2 stations or less); 211,500 sta. yds. overhaul (greater than two stations); 1000 cu. yds. structure excavation without classification; 19,-150 cu. yds. class A Port. cem. conc. (pavement and shoulders); 400 cu. yds. class A Port. cem. conc. (structures); 357 hundredweight sbar rein. steel in place (structures); 34,680 sq. yds. of rein. steel in place (pavement); 90 lin. ft. 12-in., 386 lin. ft. 18-in., 208 lin. ft. 24-in. and 26 lin. ft. 36-in. corru. metal pipe; 150 cu. yds. removal of broken conc. in existing base. Commission will furnish corru. metal pipe and cast iron covers for drop inlet culverts.

Sam Hunter, 122 Valero St.,

Santa Barbara	$319,145.40
Ed Johnson & Son, L. A....	330,957.40
H. H. Peterson, San Diego..	332,343.00
Geo. H. Oswald, Los Angeles	333,838.95
Geo. R. Curtis, Los Angeles	338,136.00
Wells & Bressles, Santa Ana	340,827.80
Blumenkranz & Vernon, Stockton	357,469.40
Isbell Constr. Co., Fresno...	369,727.00
Engineer's estimate	369,002.00

HUNTINGTON PARK, Cal—Joe Chutuk, 343 Wilcox Bldg., awarded contr. by city trustees at $66,500 to const. city sewer system, with outfall intercepting sewer involv. approx. 20,000 lin ft. vit. pipe of from 12 to 24-in. dia. Other bids were: Martin G. Brkich, $77,900; Lawrence Mess, $78,800. Nick Chutuk & Co., $79,900; C. E. Green, $79,900; Culjak & Bebek, $81,000; Heafey, Moore & McNair, $84,394; Robert Metcalf and Fred Shaner, $87,000; J. M. Derenia, $91,271; Adam Dalmatin, $93,-400; Stroud Bros. & Seabrook, $95,883; Geo. W. Kemper, $129,000. Howard McCurdy, 394 Pac. Elec. Bldg., Los Angeles, engr. in charge.

MARTINEZ, Contra Costa Co., Cal.—Tony Albi, Martinez, at approx. $4570 awarded cont. by supervisors to const. retaining wall at county hospital. Unit bid follows. Excavation, $1.50 cu. yd.; conc. $10.25 cu. yd.; steel, $135; cem. work $.45 sq. ft.; rock fill, $1 cu. yd.; 6-in. tile, $.25 lin. ft.; 6-in. sewer, $.75 lin. ft.; 4-in. tile, $.20 lin. ft.; plaster, $1.25 sq. yd; run work, $.30 lin. ft.; pre-cast, $90; hot coat, $2.75 sq. ft.

OAKLAND, Cal.—Until March 20, 12 m., bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of Dellview St., etc., involv. grade and pave; const. curbs, gutters and walks; one wooden culvert. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city engineer.

SAN FRANCISCO — Board of Public Works completes spec. to imp. Ulloa St. bet. 15th and 17th Aves., est. cost $16,-000. Project involves: 1079 lin. ft. conc curb; 5283 sq. ft. art stone sidewalks; 7 br catchbasins; 245 lin. ft. 10-in. culverts; 6930 sq. ft. vit. brick pavement; 27606 sq. ft. asph. conc. pavement.

COVINA, Cal.—Griffith Co., 502 L. A. Ry. Bldg., Los Angeles, awarded contr. by city trustees at $119,902 to imp. 1st St. bet. Puente Ave. and Front St. and portions of 2nd, 3rd sts., etc. involving 8192 cu. yds. excav. incl. grading, shaping, etc., $1 yd; 553,181 sq. ft. asph. concrete paving 15c t.; 21,405 lin. ft. conc. curb 45c ft.; 71,879 sq. ft. conc. gutters for alleys and driveways 22c ft.; 7806 sq. ft. cem. walk 19c ft.; 3063 sq. yds. paving with crushed rock and mineral oil 50c yd.; 3594 ft. removing old curb, 5c ft.

PORTERVILLE, Tulare Co., Cal.—City trustees, Geo. D. Avery, clerk, declare inten. to imp. under 1911 Act & Bond Act.

Intersection of Doris and Sunnyside Aves. and Doris Ave. from Sunnyside Ave. to 2nd St., and 2nd St., bet. Doris and Liberty St., and Liberty St., bet. 2nd and E-3rd Sts., involv. grade; const cem. conc. curbs and culverts with inlet basins; pave with 5-in. hyd. conc.

Morton St., bet. El Granito and west city limits, involv. grade; const. cem. conc. curbs and culverts with inlet catchbasins; pave with 5-in. hyd. conc.

E-½ of Jaye St., bet. Olive and Orange Sts., involv. grade; const. cem. conc. curbs and culverts; pave with 5-in. hyd. conc.

Protests March 27. Fred Pease, City engineer.

OAKLAND, Cal.—Council, E. K. Sturgis, clerk, declares inten. to imp. Brush St., bet. 12th and 14th Sts., involving Const. of curbs and gutters and paving. 1911 Act. Protests March 27 .W. W. Harmon, city engineer.

LOS ANGELES COUNTY, Calif.—Until April 7, 11 a. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to pave with Port. cem. conc. and surface with asph. conc. 2.8-Mi. of highway in Los Angeles county bet. Pasadena Ave. and Montebello. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

OAKLAND Cal. — Council, E. K. Sturgis, clerk, declares inten. to imp. 27th Ave., bet. E-9th and E-11th Sts., involv. grade and pave; const. curbs, gutters and walks. 1911 Act. Protests March 27. W. W. Harmon, city eng.

PORTERVILLE, Tulare Co., Cal. — Until March 20, 7:30 p. m., bids will be rec. by Geo. D. Avery, city clerk, to imp. under 1911 Act and Bond Act 1915

D St., bet. Mill and Vine, and Vine St. bet. D and South Main, involving grading and filling; pave with 5-in. hyd. cem. conc. curbs, gutters and culverts; wood floor and sidewalk bridge construction; conc. pipe drains; conc. inlet basins with c. i. gratings.

Orange St., bet. South Main and Jaye Sts., involv. grade; const. cem. conc. curb and gutter; pave with 5-in. hyd. cem. conc.

E St., bet. Morton and Cherry and West Putnam bet. F and E Sts., involv. grading; const. cem. conc. curbs and culverts; pave with 5-in. hyd. conc.

Separate bids wanted for each project. Cert. check payable to city req. Fred Pease, city eng.

SAN FRANCISCO — Board of Public Works completes spec. to imp. Ulloa St. bet. 17th and 19th Aves., est. cost $8000. Project involv. 3 br. catchbasins; 105 lin. ft. 10-in. culverts; 24,893 sq. ft. asph. conc. pavement.

Spec. completed to imp. Ellis St., bet. Broderick and St. Joseph's St., est. cost $1400, involv. 200 lin. ft. conc. curb and 3875 sq. ft. conc. pavement. M. M. O'Shaughnessy, city eng.

NAPA, Napa Co., Cal.—City Eng. H. A. Harrold completes spec. to pave with concrete Fifth St., bet. Jefferson and Monroe and for a sewer in Georgia Street.

FRESNO, Fresno Co., Cal.—County supervisors have started proceedings for the formation of Road Improvement Districts Nos. 6 and 7 and have commissioned Andrew M. Jensen, consulting engineer, to prepare specifications for the work, estimated to cost $300,000. Rd. Dist. 6 will involve expenditure of approx. $44,000 and Dist. 7, approx. $240,000. Chris P. Jensen, Cory Bldg., is county eng.

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PHOENIX, Ariz.—Bids will be called at once by state highway dept. to construct first section of road bet. White Spar and Congress Junction, approx. 12 mi.; to be graded and surfaced. A portion of the grading is said to be heavy work.

STOCKTON, San Joaquin Co., Cal.—City council, A. L. Banks, clerk, starts proceedings for sewer and street improvements totaling $100,000 including paving of S Wilson Way and streets in Lake View addition, the latter to cost approx. $63,000. Wilson Way imp. will cost $31,580. W. B. Hogan, city engineer.

BAKERSFIELD, Kern Co., Cal. — Property owners in the district to be assessed, have filed petitions with the county supervisors seeking cancellation of contract recently awarded for the Bakersfield-Taft-Maricopa highway improvements to the California Construction Co., 58 Second St., San Francisco, at approx. $831,025.50. The petition charges the proceedings were "irregular, defective, erroneous and faulty" and specifically enumerates 12 separate items wherein, in the pinin f the petitiners, why the preedings should be condemned. The matter has been taken under advisement.

MILL VALLEY, Marin Co., Cal.—F. C. McIntyre, Farmers and Merchants Bldg., Stockton, at $41,784.94 awarded cont. by town trustees to imp. sts. in Imp. Dist. No. 6. Complete list of bids follow.

F. C. McIntyre, Stockton, $41,784.94; (a) 4624 cu. ft. grading, excavation, $1.30; (b) 123,907 sq. ft. hyd. conc. pave $.225; (c) 19,144 sq. ft. asph. surface macadam, $.14; (d) 2730 lin. ft. conc. curb and gutter, $.120; (e) 2758 sq. ft. conc. gutter, $.25; (f) 100 lin. ft. 8-in. pipe culvert, $1.30; (g) 35 lin. ft. 10-in. pipe culvert, $1.90; (h) 85 lin.ft. 12-in. pipe culvert, $2.50; (i) 60 lin. ft. arch culvert, $6; (j) 3 catchbasins, $50; (k) 2 inlets, $35; (l) 12 monnments, $10.

L. L. Page, Richmond, $42,303.52; (a) $1.25; (b) $.24; (c) $.114; (d) $1.10; (e) $.25; (f) $1.20; (g) $1.50; (h) $2; (i) $4.50; (j) $35; (k) $30; (l) $7.50.

W. J. Taylor, Fresno, $42,367.44; (a) $1.40; (b) $.24; (c) $.104; (d) $.95; (e) $.22; (f) $1.40; (g) $1.70; (h) $2; (i) $3; (j) $30; (k) $35; (l) $16.

W. A. Dantanville, Salinas, $43,280.83; (a) $1.60; (b) $.24; (c) $.10; (d) $.95; (e) $.20; (f) $2; (g) $2.25; (h) $2.50; (i) $2.50; (j) $40; (k) $50; (l) $2.

W. W. Thompson, Redwood City $43,377.55; (a) $1.20; (b) $.234; (c) $.15; (d) $1.15; (e) $.28; (f) $2.95; (g) $3.20; (h) $3.45; (i) $4.50; (j) $65; (k) $58; (l) $14.

Downer and Mero, Richmond, $43,961.17; (a) $1.60; (b) $.23; (c) $.144; (d) $1.20; (e) $.25; (f) $2; (g) $2.25; (h) $2.75; (i) $6; (j) $50; (k) $50; (l) $8.

G. W. Cushing, Richmond, $47,530.64; (a) $1.50; (b) $.253; (c) $.154; (d) $1.50 (e) $.25; (f) $1.50; (g) $1.50; (h) $2; (i) $5; (j) $40; (k) $30; (l) $5.

M. C. McDonald, San Francisco, $51,446.80; (a) $2; (b) $.265; (c) $.164; (d) $1.40; (e) $.30; (f) $2; (g) $2.50; (h) $3.50; (i) $4; (j) $70; (k) $30; (l) $3.

A. J. Raisch, San Francisco, $52,922.23; (a) $1.98; (b) $.276; (c) $.174; (d) $1.40; (e) $.30; (f) $2; (g) $2.50; (h) $3; (i) $6; (j) $58; (k) $58; (l) $20.

MODESTO, Stanislaus Co., Cal.—Merced Concrete Pipe Co., Merced, at $.63 cu. yd. excavation and $.206 sq. ft. for conc. pavement awarded cont. by supervisors to const. 3½-mi. of highway to be known as Newman-Hills Ferry highway. J. H. Hoskins, county surveyor, estimated work at $60,782.72.

RICHMOND, Contra Costa Co., Cal.—City council, A. C. Faris, clerk, petitioned to pave Macdonald Ave., betw. 23rd and San Pablo Ave., the city to pay $13,000 of the cost, the balance to be financed by property owners. The total cost is placed at $115,000. H. D. Chapman, city engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—Property owners in Ocean Ave., at a meeting held in the Chamber of Commerce rooms, voted on type of pavement to be placed in that thoroughfare. Nineteen favored cement concrete; two cement conc. base with asph. conc. top; one for oil macadam and two for Warrenite pavement.

STOCKTON, San Joaquin Co., Cal.—City Eng. W. B. Hogan completes spec. for storm sewers in Tuxedo Park and South St., est. cost $7400. A. L. Banks is city clerk.

RENO, Nevada—Clark and Henery Co., Chancery Bldg., San Francisco, at $130,745 awarded cont. by city council to imp. various streets, involving 770,000 sq. ft. more or less, 3½-in. asph conc. base with 1½-in. bituminous wearing surface. Other bids were: Federal Const. Co., $151,944; Blumenkranz and Vernon, $181,640; Downer & Mero, $193,140; Christensen Const. Co., $174,750; J. C. Compton, $173,160. Harry Chism is city engineer.

OROVILLE, Butte Co., Cal.—Lord & Bisnop, Oroville, at $42,748 awarded cont. by city trustees to imp. portions of Lincoln, Oak, Pine Sts., etc., involv. (a) 100 cu. yds. excavation, $1.40 cu. yd; (b) 220 cu. yds. embankment, $1 cu. yd.; (c) 170,400 sq. ft. Warrenite-Bit. surface on 2½-in. asph. conc. base, $.2034 sq. ft.; (d. 1100 lin. ft. conc. curb, $.70 lin. ft; (e) 1100 lin. ft. conc. gutters, $.60 lin. ft.

Chico Contracting Co., Chico, only other bidder at approx. $43,690; (a) $1.50; (b) $1; (c) $.21; (d) $.60; (e) $.80

LOS ANGELES, Cal.—Geo. R. Curtis, 2440 E 26th St., submitted low bid to supervisors at $25,002 to imp. Ivy St., bet. Shorb Ave. and Ruoff St. under City Boundary Imp. No. 3, involving (1) 1480 cu. yds. excav. at $1.35 yd; (2) 3578 ft. curb at 70c ft; (3) 12,059 sq. ft. gutter at 35c ft.; (4) 6261 sq. yds. asph. conc. base at $1.35 yd.; (5) 6261 sq. yds. 2-in. Willite surface at $1.25 yd. H. G. Feraud bid (1) $1.60; (2) 70c; (3) 35c; (4) $1.50; (5) $1.35; total, $26,937.10.

RICHMOND, Contra Costa Co., Cal.—Council, A. C. Faris, clerk, contemplates imp. of portions of Ohio, Center, and 37th Sts., in Pullman district. H. D. Chapman, city engineer.

SALINAS, Monterey Co., Cal.—City Eng. Howard Cozzens preparing spec. to pave Willow St., bet. Main and California with asph. base and Warrenite surface.

SANTA CRUZ, Santa Cruz Co., Cal.—No bids rec. March 7 by supervisors to imp. Scotts Valley and Felton Rd., in San Lorenzo and Branciforte Rd. Dists and work will be done by day labor under supervision of County Surveyor Lloyd Bowman. Road will be widened from Glenwood highway at Scotts valley, through Hepsidam and Mt. Herman to connect with highway at Felton, approx. 3.4-mi.

SAN FRANCISCO—Board of Public Works completes spec. to imp. Joice St. bet. California and Pine Sts., est. cost $1450. Project involv. 275 lin. ft. conc. curb; 3430 sq. ft. conc. pavement; 1 conc. balustrade.

LOS ANGELES, Cal.—Wm. Liddington, 420 E 60th St., awarded cont. by Bd. Pub. Wks. at $61,599 to imp. Beachwood Dr., bet. Beachwood, Park and Franklin Ave., involv. grading at $3830 (lump sum); 123,872 sq. ft. conc. paving 22.9c sq. ft.; 300 sq. ft. bitum. base paving 12c ft.; 215 ft. curb 70c ft.; 737 sq. ft. walk 19c ft.; storm drain complete, $20,500; san. sewer, $8575.

HAWTHORNE, Cal.—Until 8 p. m., March 24, bids will be rec. by city trustees to imp. Acacia Ave., bet. Birch Ave. and Baliona Ave., etc., grade; pave with Willite on 3-in. asph. conc. base, over 2-in. decomp. granite cushion; const. curbs, gutters, walks, lighting system, etc.; 1911 act. W. B. Shaw, city clerk.

EL CERRITO, Contra Costa Co., Cal.—Town trustees approve spec. to imp. Pomona, Carmel, and Ramona Sts., involv. grading, paving and const. walks and gutters.

RENO, Nevada—Eleven bids received by city council to const. sewer system rejected and new bids will be opened March 17. Frederickson and Shannon Cory Bldg., Fresno, were low at $19,981.68 for concrete and $20,334.24 for terra cotta pipe. H. E. Stewart was high at $38,000 for conc. and $35,670 for t. c. Project involv. 100 ft. 6-in. 9608 ft. 8-in., 988 ft. 10-in. and 2220 ft. 12-in. sewer and one pumping plant. Harry Chism is city engineer.

RENO, Nevada — Ingard Christensen, Reno, Nevada, at $49,720 awarded contract by city council to construct curbs, walks and gutters, as follows: 62,000 sq. ft. hyd. cem. conc. walks; 39,000 lin. ft. hyd. cem. conc. curb and gutter, 2 ft. 6-in. wide; 5000 lin. ft. hyd. cem. conc. comb. curb and gutter, 8 ft. 6 in. wide; 1000 lin. ft. hyd. cem. conc. gutter, 2 ft. wide; 20,000 sq. ft. hyd. cem. conc. 5-in. alley approach pavement. Other bids were: A. Bevilaqua, $56,260; C. J. Lindgren, $67,160; Christensen Construction Co., $69,400; Blumenkranz & Vernon, $67,300; Lewis Tagnon, $69,410; Mullins & Palm, $73,490; Clark & Henery, $57,918 and J. L. Jensen, $55,810.

NEWPORT BEACH, Cal. — Pacific Paving Co., 510 Metropolitan Theater Bldg., Los Angeles, awarded cont. by city trustees at $10,802.50 to imp. portions of 14th St., Broad St., San Bernardino Ave., and Ocean Dr., involv. 19,500 sq. ft. grading only 2c ft; 25,500 sq. ft. 6-in. conc. paving, includ. grading 29.5c sq. ft.; 10 granite conc. lamp posts with conc. bases, complete, $93.50 each; two conc. bases complete, $11.25 each; 1500 ft. ¾-in. dia. sherardized iron conduit with No. 6 lead covered cable 94c ft; 550 ft. 1½-in. dia. sherardized iron conduit with two No. 6 cables 95c ft.

SAN FRANCISCO—Bd. of Pub. Wks. approves spec. to imp. Judah St., bet. 31st and 41st Aves., est. cost $102,300. Project involv. 19,962 cu. yds. cut; 49,804 cu. yds. fill; 5234 lin. ft. conc. curb; 21 br. catchbasins; 735 lin. ft. 10-in. culverts; 2050 lin. ft. 8-in., 240 lin. ft. 12-in., 240 lin. ft. 15-in. sewer; 135 wye branches; 15 br. manholes; 4623 sq. ft. art. stone walks; 148,491 sq. ft. asph conc. pavement.

SAN FRANCISCO—Board of Public Works has approved spec. to imp. Vicente St., bet. 14th and 19th aves., estimated cost $57,000. Project involv: 19,592 cu. yds. cut; 8225 cu. yds. fill; 500 lin. ft. 8-in., 680 lin. ft. 12-in., 350 lin. ft. 15-in and 275 lin. ft. 18-in. ironstone pipe sewer; 19 8-in., 35 12-in., 10 15-in., and 10 18-in. ironstone wye branches; 7 br. manholes; 610 ft. 10-in. culvert; 17 br. catchbasins; 2878 lin. ft. conc. curb; 85,392 sq. ft. asph. conc. pavement; 3000 sq. ft. art. stone sidewalks.

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SAN LUIS OBISPO, Cal. — Engrs. Burch & Beck, San Luis Obispo, employed by joint highway dist. No. 2, consisting of Santa Barbara, San Luis Obispo and Kern counties, to prepare plans to grade 40-mi. of road and necessary bridges and other drainage works. The proposed road runs along the Santa Maria river bet. Maricopa and Santa Maria.

SAN FRANCISCO—Until March 12, 2 p. m., informal bids will be rec. by Frank G. White, chief engineer, State Board of Harbor Commissioners, Ferry Bldg., to pave deck of Wharf J-1 at Jefferson and Taylor Sts., involv. 17,500 sq. ft. pavement and 280 lin. ft. wall. Commission will furnish cement required for project. Further information obtainable from engineer.

LASSEN COUNTY, Cal.—State Highway Eng. R. M. Morton preparing spec. to surface bet. 9 and 10-mi. of highway bet. Janesville and point 4-mi. west of Milford, Lassen county will construct necessary bridges.

HUNTINGTON BEACH, Cal. — Until 7:30 p. m., March 17, bids will be rec. by city trustees to imp. 10th St., bet. Ocean and Palm Aves., grade; pave with 2-in. Willite on 4-in. asph. conc. base; const. corru. iron culvert; 23 post lighting system.

5th St., bet. Ocean Ave. and Main St., grade; pave with 2-in. Willite on 4-in. asph. conc. base; const. curbs, walks, corru. iron culverts, 34-post lighting system.

15th St., bet. Ocean and Palm Aves.; gr. de; pave with 2-in. Willite on 3-in. asph. conc. base; const. corru. galv. iron conduits; 23 post lighting system. W. R. Wright, city clerk.

OROVILLE, Butte Co., Cal. — Until March 20, 1:30 p. m., bids will be rec. by C. F. Belding, county clerk, to const. Oroville-Pentz-Magalia county bonded road, Sec. D. Cert. check 10% req. with each bid. Spec. obtainable from County Hu. Eng. Harry H. Hume.

FRESNO, Fresno Co., Cal—City Commissioners pledge $25,000 to finance and adopt plans to widen Belmont Ave. for a distance of 6 blocks; property owners will pay balance of cost. Wm. Stranahan, city eng.

LOS ANGELES, Cal.—Until 11 a. m., March 31, bids will be rec. by supervisors to imp. Western Ave., bet. Dominguez St. and n boundary of the city of Torrance, 3626 cu. yds. excav.; 10,305 sq. yds. shaping; 954 cu. yds. removing old asph. granite; 10,305 sq yds sub-base; 10,305 sq. yds. asph. concr.; 10,305 Topeka surface. Cash job No. 219. Spec. on file at the office of clerk.

SAN RAFAEL, Marin Co., Cal.—Until March 20, 8 p. m., bids will be rec. by Oliver R. Hartzell, secy. Board of Education, to fill and grade athletic field at new high school site. Cert. chk 10% req with each bid. Specifications obtainable from secretary.

MARYSVILLE, Yuba Co., Cal.—County Surveyor Jason R. Meek is making surveys for proposed 3-mile of road to be constructed by the Yuba River Power Co., which will connect with the power house below the dam.

SAN JOSE, Santa Clara Co., Cal.—Raymond H. Crummey, 121 Pearl St., Oakland, awarded cont. by council to imp. portions of 25th and St. James Sts., involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bitulithic cem. conc. base; hyd. cem. conc. curbs, gutters and walks; 3 br. catchbasins; 8-in. vit. pipe drains.

Raisch Improvement Co., Builders' Exchange Bldg., San Jose, awarded cont. to imp. Auzerais St., bet. Vine and Delmas Aves., involv. grade and pave with 2-in. Durite asph. conc. surface on 3½-in. Durite asph. conc. base; hyd. cem. conc. curbs, gutters and walks; 2 br. catchbasins; 8-in. vit. pipe drains; 4 hyd. cem. conc. storm water inlets.

Raisch Imp. Co., awarded cont. to improve Balbach St., bet. Orchard and Locust St., involv. grade and pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. storm water inlet; 8-in. vit. pipe drains.

San Jose Paving Co., San Carlos & Dupont Sts. awarded cont. to imp. Locust St., bet. Santa Clara and Park Aves., involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bitulithic cem. conc. base; 1 br. catchbasin; 8-in. vit. pipe drains.

SAN JOSE, Santa Clara Co., Cal.—Concrete Products Co., awarded contr. by council to imp. portion of 31st St., involv. excavation of trench and const. hyd. cem. conc. sanitary sewer; 8 brick manholes; 1 stand. c. i. flushing inlet; hyd. cem. conc. 5 by 8-in. wye branches

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, clerk, declares inten. to imp. Autumn St., bet. San Fernando and Santa Clara Sts., involving grading and paving with 2-in. Durite asph. conc. surface on 3½-in. Durite asph. conc. base; hyd. cem. conc. curb, gutters and alley driveways. 1911 Act & Bond Act 1915. Protests March 24. Wm. Popp, city eng.

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, clerk, declares inten. to imp. 20th St., bet. Santa Clara and William Sts., involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curbs, gutters, walks, and alley driveways. 1911 Act & Bond Act 1915. Protests March 31. Wm. Popp, city engineer.

MONTEREY, Monterey Co., Cal. — J. L. Conner, Santa Cruz, at $81,900 awarded cont. by city trustees to imp. portions of Laine, Prescott, Bilden, Spencer, Archer, Reeside Sts., etc., involv. grade and pave with 5-in. waste quarry rock; conc. curbs and gutters; 21 catchbasins with 12-in. cem. pipe connections; 109 sidewalk crossings; 12-in. pipe culvert; 18 12-in. corru. iron pipe culverts. Other bids: Granite Const Co., Watsonville, $95,932; Downer and Mero, Richmond, $85,499; S. Ruthven, Monterey, $84,836.

STOCKTON, San Joaquin Co., Cal.—Clark and Henery Const. Co., Chancery Bldg., San Francisco, at $7972 awarded cont. by council to imp. portions of Charter Way, involv. grade; const. comb. conc. curbs and gutters; conc. walks; pave with 4-in. crushed rock base with 3-in. asph. conc. wearing surface.

MONTEREY PARK, Cal. — Olmsted & Gillelen, consulting engrs., Hollingsworth Bldg., Los Angeles, preparing plans for storm sewer, 1½-mi. long Garvey Ave., Monterey Park.

SALINAS, Monterey Co., Cal. — No bids rec. March 4 by supervisors to grade and surface portions of San Miguel Canyon Rd., in Rd. Dist. No. 1 and County Surveyor Howard F. Cozzens instructed to proceed with imp. by day labor.

TURLOCK, Stanislaus Co., Cal.—City council has rescinded proceedings to pave Third and Fourth Sts., following protests of property owners. Horace Hall, city engineer.

SAN FRANCISCO—Geo. E. McHugh, 1437 Anza St., at $11,478 submits low bid to Constructing Quartermaster, Fort Mason, to const. conc. road at Crissey Field. Other bids, referred to Washington for action, were:

Alf Vogt	$13,300
C. B. Cowden	15,740
M. Bertolino	14,929
A. G. Raisch	15,396
J. A. Costello Jr.	14,740
Frank Moller	16,954
Fay Imp.	12,675
Louis Cohn	13,118

RIPON, San Joaquin Co., Cal.—Chamber of Commerce has appointed committee to secure estimates of costs on a sewer system. It is proposed to organize a sewer district to finance the work.

LOS ANGELES, Cal.—W. D. McCray 416 American Bank Bldg., submitted low bid to supervisors at $22,060 to imp. Cedar St., bet. Manchester and Shorb Aves., Beach and other sts. under County Imp. No. 58, involv. 5323 cu. yds. excav. 70c yd; 7656 sq. yds. conc. paving $2.37 yd; 523 sq. yds. oil and screening wearing surface 36c yd. Other bids were: Mullarkey-Gregg Co., $22,375.94; Gibbons & Reed Co., $22,426.35; Fleming Constr. Co., $22,798.83, J Paul Benson, $24,133.20; Pac. Paving Co., $25,392.88; Geo. A. Simpson, $26,861.34.

RICHMOND, Contra Costa Co., Cal.—City Eng. H. B. Chapman preparing spec. to imp. Macdonald ave., bet. 23rd St. and San Pablo Ave.; work under 1911 Act.

VISALIA, Tulare Co., Cal.—Alex Rebels, Tulare, at $663.38 awarded cont. by supervisors to grade 17-acre county hospital tract.

REDDING, Shasta Co., Cal.—Warren Constr. Co., Bacon Bldg., Oakland, awarded cont. by city trustees to imp. portions of Free Bridge Rd., Pine, Trinity Sts., etc., involving grade and pave with 5-in. asph. conc 18 ft. wide, pavement to be 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; const. walks, curbs and gutters; conc. clean-out boxes and catchbasins; vit. and corru. pipe.

SAN MATEO, San Mateo Co., Cal. — Council orders plans prepared to imp. Crystal Springs road just west of State Highway and the ovals in Hayward Avenue.

SALINAS, Monterey Co., Cal.—City Eng. Howard F. Cozzens instructed to prepare estimates of cost to install concrete pipe for storm sewer in Capitol St. instead of vitrified pipe as originally planned to install.

LOS GATOS, Santa Clara Co., Cal. — John Vedova at $1987 awarded cont. by town trustees to const. sewer in Cypress Ave.

SALINAS, Monterey Co., Cal.—Council, M. R. Keef, clerk, petitioned to widen and imp. Willow and Pine Sts.; water or oil bound macadam pavement is requested. Howard F. Cozzens, city engineer.

OROVILLE, Butte Co., Cal.—Supervisors will be petitioned to construct 2-mi. of road at Paradise to connect Neal Grade with the Clark grade. Referred to County Rd. Eng. Harry H. Hume for report.

Contractors Machine Works

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LOS ANGELES, Cal.—Wm. Liddington, 420 E 60th St., submitted low bid to Bd. Pub. Wks. to imp. Beachwood Dr., bet. Beachwood Park and Franklin Ave., involv. grading at $3830 (lump sum); 123,872 sq. ft. conc. paving 22.9c sq. ft.; 300 sq. ft. bitum. base paving 12c ft.; 215 ft. bitum. 70c ft.; 737 sq. ft. walk 19c ft.; storm drain complete $20,-500; san. sewer, $8575.

OREGON — Following contracts awarded by State Highway Commission:

John Hakanson, Oakland, Ore., $72,-197, Coos County, Glasgow-Hauser Sec. Roosevelt Coast Highway, 6.2 mi. regrade and surface.

Dunn and Baker, Hornbrook, Calif., $61,659, Jackson County, McLeod-Cascade Gorge Sec. Medford-Crater Lake Highway, 10.24-mi. broken stone surface.

Klamath County Court, Klamath Falls, Ore., $93,787 using conc. pipe, Klamath County, Olene-Bonanza Sec. Klamath Falls-Lakeview highway, 6.74 mi. grading and broken stone surface and 7-mi. broken stone resurfacing.

Jas. Crick, La Grande, Ore., $36,382 using conc. pipe, Umatilla county, McKay Creek-Pendleton Sec. Oregon-Washington Highway, 2.04-mi. grading, 3.10-mi. broken stone surfacing; 2-mi. broken stone resurface.

H. W. Oliver, Portland, Ore., $10,953, Yamhill county, St. Joseph Sec. West Coast Highway, 1.04-mi. grading.

LOS ANGELES, Cal.—Geo. R. Curtis, 2440 E 26th St., submitted low bid to Bd. Pub. Wks. at $106,028 to imp. Crescent St., bet. city limits of Burbank and 2500 ft. south, and Laurel Ave., bet. Crescent St. and 160 ft n.e. under County Imp. No. 63, involv. 8689 cu. yds. excav. $1.35 yd; 23,190 sq. ft. gutter 35c ft; 30,779 sq. yds. 1½-in. National pavement $1.35 yd; 30,779 sq. yds. 3½-in. asph. conc. base $1.45 yd. Other bids were: Braun, Bryant & Austin, Inc $110,771.36; Thompson & Thompson, $112,280.96; Gibbons & Reed Co., $120,-697.06.

OAKLAND, Cal—Council, E. K. Sturgis, clerk, declares inten. to imp. portions of Favor St., bet. 69th Ave. and 73rd St., involv. grade; pave; const. curbs, gutters and walks. 1911 Act. Protests March 27. W. W. Harmon, city engineer.

SAN DIEGO, Cal. — E. Paul Ford, East San Diego, awarded cont. by supervisors at $131,375 to pave 5 mile stretch of highway on Ramona Rd. in Santa Maria Valley; pavement to be of cem. conc., 18-ft. wide, 3-in. thick in center and 7-in. on outer 3 ft. on each side. Other bids were: David H. Ryan, $134,685.43; W. A. Stebbins $142.-548.70; Gibbons & Reed Co., $165,883.60; H. D. Churchill, $181,897.61.

Bids were also rec. on Willite as follows: Calif. Willite Co., $139,201.75; D. H. Ryan, $139,297.08.

D. H. Ryan also submitted a bid of $131,724.20 on asph. conc. pavement.

SANTA ROSA, Sonoma Co., Cal. — Supervisors contemplate const. conc. road from Petaluma city limits to Marin school. E. A. Peugh, county surveyor.

SAN MATEO COUNTY, Cal.—J. P. Holland, 540 Brannan St., San Francisco, at $181,386 (Engineer's estimate, $178,647) awarded cont. by State Highway Commission to grade and surface with crushed gravel or broken stone, 6.4 mi. of San Mateo county, bet. Half Moon Bay Rd. and Kings Mountain Rd. involv. 177,000 cu. yds. roadway excavation without classification; 662,500 sq. yds. overhaul; 57 cu. yds. structure excavation without classification; 13,-610 cu. yds crushed gravel or broken stone surface; 28 cu. yds. Class A Port. cem. conc. (culverts and monuments); 3.5 hundredweights reinf. steel in place; 2088 lin. ft. 18" corru. metal pipe; 400 lin. ft 6" and 200 lin. ft. 8" drain tile; 10 acres clearing and grubbing; 5 mi. moving and reset. property fences; 121 monuments. Comm. will fur. corru. metal pipe.

VALLEJO, Solano Co., Cal.—Petition seeking paving of Braciforte St., bet. Kentuck and Louisiana Sts., referred to City Eng. T. D. Kilkenny for report.

—City Eng. H. B. Kitchen instructed to prepare spec. to pave following sts: Locust, Second to Third; Walker, Third to Kearney; East Third, Blackburn to Beck; Center, Blackburn to Beck; Second, Main to Locust; and Beck Ave., Third to Lake.

REDDING, Shasta Co., Cal.—As previously reported, Warren Const. Co., Bacon Bldg., Oakland, awarded cont. by city trustees at approx. $90,000 to imp. portions of Free Bridge Rd., Pine, Trinity Sts., ets. Unit bids follow: 5-in. asph. conc. pavement 24c sq. ft.; 4-in. asph. conc. pave, $.213 sq. ft.; grade & prepare subgrade $.03 sq. ft.; grade from edge of 18-ft. strip to gutter line $.02 sq. ft; grade sidewalk area, only, on Pine St. $.90 sq. ft.; grade 4-ft. strip in Free Bridge road on each side of pave. $.02 sq. ft.; conc. driveways, $.31 sq. ft.; conc. sidewalks, $.21 sq. ft.; conc. gutters, $.31 sq. ft.; conc. curbs, $.65 lin. ft; conc. catchbasins with 17-in.x22-in. cast iron grates, $28 each; conc. clean out boxes with 18-in.x 18-in. c. i. covers, $26 each; 10-in. corr. pipe -2 lin. ft.; 8-in. corru. pipe, $1.75 lin. ft; 10-in. vit. pipe, $1.30 lin. ft; conc. headwalls $1.50 each.

COMPTON, Cal.—Bent Concrete Pipe Co., 419 Grosse Bldg., Los Angeles, submitted low bid to city trustees at $10,-012 for fur. sewer pipe for district east of S. P. tracks, in connection with city sewer system. Other bids on this section were: Tropico Tile Products Co., $12,337; Pac. Clay Products Co., $13,969

Bent Conc. Pipe Co. low bidder at $4499 for pipe for dist. west of rlwy. Tropico Clay Products Co. bid $5516.

WATTS, Cal.—Fleming Constr. Co., 105 N Park Ave., Pomona awarded contrs by city trustees to imp. Hickory St., bet. Shorb and Ruoff St., involving 5-in. conc. at $16,035.71; N. Wilmington St., bet. Ruoff and Main Sts., involv. 6-in. conc. and curbs, at $17,582.80; and Ruoff St., bet. N Compton Ave. and e city limits, involv. 6-in. conc. at $37,-977.54.

SAN ANSELMO, Marin Co., Cal. — Town trustees, A. W. Studley, clerk, declare inten. to const. vit pipe sanitary sewer with wye branches in Red Hill, Sonoma Aves., etc., etc., const. hr. and conc. manholes with c.i. frames and covers and vit. pipe lampholes with c. i. frames and covers. 1911 Act & Bond Act 1915. Protests March 24.

OAKLAND, Cal.—Until March 20, 12 m. bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of Bartlett and Lynde Sts., involv. grade & pave; const. curbs, gutters, culverts. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

SAN ANSELMO, Marin Co., Cal. — Town Trustees. A. W. Studley, clerk, declare inten to imp. Ross, Woodland, Tunnel Rd., etc., etc., involving grading; const. conc. curbs and gutters; sanitary sewers; vit. pipe storm drains and corru. iron pipe culverts; segmental iron culverts; conc. catchbasins, headwalls and manholes; 6-in. tile drains; 8-in. intercepting and outlet sewer and pave with 2-in. asph. conc. surface on existing macadam where same is not less than 3-in. thick and upon existing macadam base reinforced with asph. conc. where surface of existing macadam is bet. 2 and 4-in. below grade of finished improvement and upon which an asph. conc. base 2-in. thick where no macadam exists within 4-in. of surface of finished pavement. 1911 Act & Bond Act 1915. Protests March 24. Estimated cost $145,000.

PASADENA, Cal.—City trustees declare inten. to imp. Broadway between Green and Glenarm Sts., grade; pave with c m conc., const. catchbasins curbs, gutters, walks, etc.; 1911 act Protests March 25. Bessie Chamberlain, city clerk.

SAN JOSE, Santa Clara Co., Cal.—Until March 24, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. St. James St., bet. 9th and 11th Sts., involv. grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph conc. base; hyd. cem. conc. curb and gutter; 6-in. cem. conc. alley driveways Cert. check 10% payable to city req. Wm. Popp, city eng.

EL CERRITO, Contra Costa Co., Cal. —Until March 29, bids will be rec. by town trustees to imp. Cutting Blvd. from El Cerrito city limits to San Pablo line, involv. grading, widening and paving.

BURBANK, Cal.—City trustees declare inten. to imp. Providencia Ave., grade; pave with 3-in. macad., const. curbs, curb returns, walks, etc.; 1911 act. F. S. Webster, city clerk.

STOCKTON, San Joaquin Co., Cal. — Until March 31, 5 p. m., bids will be rec. by A. L. Banks, city clerk, to construct storm water sewers in Charter Way, Sutter, Eugenia, Worth, Walnut Sts., Harding Way and Oxford Ave. Cert. check 10% payable to City Auditor req. Plans obtainable from City Eng. W. B. Hogan.

NAPA, Napa Co., Cal.—Until March 24, 7:30 p. m., bids will be rec. by H. H. Thompson, city clerk, to imp. 1st, bet. Monroe and Jefferson Sts., involv. grade and pave with 5-in. cem. conc., 40-ft. wide; const. conc. catchbasins; vit. ironstone sewer and 15 side sewers of vit. pipe. 1911 Act. Cert. check 10% payable to city req. H. A. Harrold city engineer.

LOS ANGELES, Cal.—Until 10 a. m., March 24, bids will be rec. by Bd. Pub. Wks. to const. La Brea Ave storm sewer involv. 9157 cu. yds. excav; 4862 cu. yds. hauling away; 4295 cu. yds. back fill; 1200 sq. ft. 6-in. conc; 74 cu. yds. in end walls; 220 ft. 12-in. pipe; 4 No. 18 catch basins; 5 No. 23 catch basins; 1911 act.

SALINAS, Monterey Co., Cal.—Until March 24, 7.30 p .m., bids will be rec. by M. R. Keef, city clerk, to improve Gallihan St., involv. grading and reshaping present waterbound macadam and fill with base rock to bring roadway to sub-grade; const. hyd. cem. curb and gutter; pave with 2-in. Warrenite surface; const. hyd. cem. conc. catchbasins; lay 4-in. corru. galv. iron pipe culverts. 1911 Act & Bond Act 1915. Est. cost $10,512. Cert. check 10% payable to city req. Howard Cozzens, city engineer.

OAKLAND, Cal.—Until March 20, 12 m., bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of Capitol and Cleveland Sts., involv. grade and pave; const. curbs, gutters and corru. iron and conc. culvert with handholes. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

SANTA CRUZ, Santa Cruz Co., Cal.— Bids will be asked at once by supervisors to pave 2-mi. of San Jose rd., with oil macadam. Lloyd Bowman is county surveyor.

SANTA CRUZ, Santa Cruz Co., Cal.— Bids will be asked shortly by supervisors to imp. Waterman Creek Rd., extending a distance of 1½-mi. from San Lorenzo rd., from point 3-mi. above old Dougherty mill, over Waterman summit to Saratoga Summit rd. Rd. will be used for travel to Santa Cruz Lumber Co.'s mill. Lloyd Bowman, county surveyor.

OAKLAND, Cal—Council, E. K. Sturgis, clerk, declares inten. to imp. Favor St., bet. 69th and 73rd Aves., involv. grade and pave; const. curbs, gutters and walks. 1911 Act. Protests March 27. W. W. Harmon, city eng.

SANTA CRUZ, Santa Cruz Co., Cal.— Until April 7, 3 p. m., bids will be rec. by H. E. Miller, county clerk, to imp. Casserly rd., in Pajaro Rd. Dist. Spec. obtainable from County Surveyor Lloyd Bowman on deposit of $5, returnable.

GILROY, Santa Clara Co., Cal.—Chas E. Sloan Co., consulting engineers, preparing plans for extensive paving program in Gilroy. It is expected that specifications will be presented at the March 17 meeting of the city trustees when a resolution of intention will be passed.

MERCED, Merced Co., Cal. — City trustees vote to pave 26th and 27th Sts. bet. G and J and M Sts., fronting Mercy hospital, bet. 27th and 28th Sts., with Willite.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
1003	Grant	Owner	3500
1004	Same	Same	3500
1005	Salvi	MacInnis	1000
1006	Mackie	Heglin	3000
1007	Peterson	Owner	3000
1008	Verge	Owner	1800
1009	Johnson	Owner	12500
1010	Janssen	Owner	8000
1011	Barman	Owner	1000
1012	Milton	Parker	14000
1013	Horgan	Owner	8000
1014	Margrane	Owner	3000
1015	Sandy	Petersen	5000
1016	Cock	Owner	8000
1017	Recorder	Collupy	16000
1018	Helbing	Helbing	15000
1019	Gallagher	Grant	7654
1020	Crocker	Mangrum	67265
1021	Thurber	Persson	5000
1022	Arata	Bowers	3000
1023	Cheli	Owner	7000
1024	Ross	Ross	4000
1025	Wood	Marsden	1350
1026	Martinelli	Owner	2900
1027	Elberg	Christiansen	8000
1028	Sharman	Owner	6000
1029	Prosek	Owner	4000
1030	City Realty	Cox	4000
1031	S F Realty	Barrett	20000
1032	Hallgren	Owner	8000
1033	Thomas	Weismann	5800
1034	Ross	Ross	3000
1035	Arkwright	Mohler	8000
1036	Doherty	McSheehy	10500
1037	Stein	Owner	10000
1038	Landsberg	Jones	6725
1039	S P Co.	McGill	350
1040	Schainman	Shipman	900
1041	Schainman	Shipman	900
1042	Schainman	Sugarman	2079
1043	Schainman	Meyer	16861
1044	Schainman	Pacific Gas	850
1045	Westgate	Mangels	8763
1046	Garden Homes	Mangels	9429
1047	Doherty	Sheeby	20500
1048	Morse	Christiansen	17500
1049	Thomas	Weismann	5800
1050	Thompson	Meyer	10397
1051	Kingan	Scott	5380
1052	Burns	Allen	17406
1053	Murphy	Arnott	3900
1054	Ringden	Rasori	5000
1055	Debert	Owner	6000
1056	Margels	Owner	8000
1057	Same	Same	7000
1058	Petersen	Owner	3000
1059	Tiscornia	Owner	300
1060	Buckley	Owner	6000
1061	Arnott	Owner	4000
1062	Same	Same	8000
1063	Same	Same	4000
1064	Crocker	Dinwiddie	30000
1065	Ahearn	Gust	7400
1066	Hueller	Meyer	5350
1067	Mission	Gordon	2340
1068	Brown	Owner	5000
1069	Donaldson	Owner	3000
1070	Williams	Owner	24000
1071	Gibbs	Johnson	3000
1072	Same	Same	3000
1073	Collins	Cook	1350
1074	Grogh	Krogh	5000
1075	Maas	Buschke	15000
1076	Swanson	Owner	9000
1077	Marsh	Mullen	2000
1078	Hamilton	Owner	5000
1079	Cohen	Brunfield	1800
1080	Sherry	Owner	2500
1081	Holland	Prout	7000
1082	Peoples	Kragen	3879
1083	Lercari	Brueck	3000
1084	Olson	Owner	3500
1085	Depaoli	Owner	35000
1086	Frye	Petersen	20000
1087	Landsburgh	Barrett	1000
1088	Noel	Lang	3500
1089	McLaughlin	McLaughlin	3000
1090	Austin	Arnott	2700
1091	Northwestern	Mullen	1925
1092	Hidzick	Peterson	9000
1093	Moneta	Arnott	15580
1094	Elberg	Christiansen	17500
1095	Carusio	Owner	5000
1096	Saari	Owner	3000
1097	Giaconni	Fracchi	6000
1098	Meyer	Owner	3000
1099	Pontet	McKellar	3000
1100	Schlesselman	Owner	6000
1101	Lindnor	Nelson	5000
1102	Epp	Owner	14000
1103	De Martini	Little	105000
1104	Epp	Owner	20000
1105	Petry	Owner	20000
1106	Grahn	Owner	12000
1107	Same	Same	2000
1108	Thurber	Persson	10150
1109	Cranow	Watson	11500
1110	Braun	Owner	9000
1111	Pinkerton	Owner	12000
1112	Priolo	Burman	3000
1113	Gough	Owner	1000
1114	Wengard	Owner	5900
1115	McDonald	McDonald	7000
1116	Johnson	Owner	3000
1117	Holmgren	Owner	25000
1118	Hoelscher	Bugbee	9000
1119	Dalziel	Petersen	30000
1120	Renon	Owner	8000
1121	Moscone	Fracchia	14000
1122	Le Ben	Bolger	4750
1123	Helbing	Owner	15000
1124	Leavitt	Hansen	3747
1125	Schemp	Wilson	12692
1126	Arata	Bowles	4200
1127	Roman	Olsen	12936

DWELLINGS

(1003) E FAXON AVE 25, 50 and 75 N Grafton. Three one-story and basement frame dwellings.
Owner—L. U. Grant, 131 Beaver St., San Francisco.
Architect—None. $3500 each

DWELLING

(1004) NE FAXON AND GRAFTON. One-story and basement frame dwelling.
Owner—L. U. Grant, 131 Beaver St., San Francisco.
Architect—None. $3500

(1005) NO. 613 PARIS. Two-room addition to dwelling; remodel for garage quarters.
Owner—Vincenno Salvi, Premises.
Architect—None.
Contractor—F. P. MacInnis, 9 Granada Ave., San Francisco. $1000

DWELLING

(1006) S RICHLAND AVE 217-9 E Leese. One-story and basement frame dwelling.
Owner—Mrs. M. Mackie, 222 Richland Ave., San Franiso.
Architect—None.
Contrator—Ben Heglin, 251 Rihland Ave., San Franisco. $3000

ALTERATIONS

(1007) W SAN CARLOS 150 N 19th St. Move two dwellings; construct foundations; cement floors; plumbing, etc.
Owner — Antone Petersen, 2770 San Bruno Ave., San Francisco.
Architect—None. $3000

ALTERATIONS

(1008) NO. 43 BOYCE ST. Move flats to lot line; cement front and add one room.
Owner—P Verge, Premises.
Architect—None. $1800

STOCKHOLDERS AUXILIARY CORP.

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SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
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FACTORY
(1009) NW BRYANT AND DORE STS. One-story and mezzanine floor concrete factory.
Owner—W. C. Johnson.
Engineer—J. H. Hjul, 128 Russ St., San Francisco.
Contractor—J. H Hjul, 128 Russ St., San Francisco. $12,500

DWELLINGS
(1010) E COLLINS 296.8 and 421.8 N Geary. Two one-story and basement frame dwellings.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. $4000 each

ALTERATIONS
(1011) NO 1509 GUERRERO ST. Remodel for private garage; plaster front; paint interior and exterior of (2) flats.
Owner—S. Barman, 1605 Chronicle Bldg., San Francisco.
Architect—None. $1000

FLATS
(1012) W GOUGH 62-6 and 112-6 W Gough. Two two-story and basement frame flats (2 flats in each building).
Owner—Mrs. Mattie Milton.
Architect—Harold G. Stoner, 1st Nat'l. Bank Bldg, San Francisco.
Contractor—C. F. Parker, 251 Kearny St., San Francisco. $7000 each

DWELLINGS
(1013) N GENEVA 80 and 105 E Huron Two one-story and basement frame dwellings.
Owner—Patrick Horgan, 915 Pierce St., San Francisco.
Architect—None. $4000 each

STORES
(1014) N IRVING 53 W Twentieth Ave. One-story frame stores.
Owner—A. F. Magrane, 601 Buena Vista Ave, San Francisco.
Plans by Owner. $3000

ALTERATIONS
(1015) NO. 2474 MISSION ST. Remodel store fronts.
Owner—Geo. H. Sandy, Premises.
Architect—None.
Contractor—Antone Petersen, 2770 San Bruno Ave., S. F. $5000

RESIDENCE
(1016) SOTELLO AVE., Lot 31 Blk 2857, Forest Hill Two-story and basement frame residence.
Owner—W. H. Cook.
Architect — Edward E. Young, 2002 California St., San Francisco. $8000

ADDITION
(1017) N JESSIE 450 W Seventh. Two story and basement brick addition to printing plant.
Owner—Recorder Printing & Publishing Co., 693 Stevenson St., S. F.
Architect—None.
Contractor—C. R. Collupy, 464 California St., San Francisco. $16,000

APARTMENTS
(1018) W POLK 85 S Chestnut. Three story and basement frame (6) apartments.
Owner—Wm. Helbing, 1332 Lombard St., San Francisco.
Architect—None.
Contractor — The Helbing Co., 1332 Lombard St., S. F. $15,000

FLAT BLDG.
(1019) E TENTH AVE 175 N Judah 25 x120. All work for two-story frame flat building.
Owner—Robert F. Gallagher, 1330 8th Ave., San Francisco.
Architect—None
Contractor—W. E. Grant, 1032 Irving St., San Francisco.
Filed Mar. 6, '24. Dated Mar. 5, '24.
As work progresses.....
After all bills are paid.....Balance
TOTAL COST, $7654
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported Feb. 27, 1924 No. 844.

KITCHEN EQUIPMENT
(1020) HOTEL ST. FRANCIS. All work for kitchen equipment for Post Street extension.
Owner—Clocker Hotel Co.
Architect — Bliss & Faville, Balboa Bldg., San Francisco.
Contractor—Mangrum & Otter Inc., 827 Mission St., San Francisco.
Filed Mar 6, '24. Dated Mar. 5, '24
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $67,265
Bond, limit, forfeit, none. Plans and specifications filed.

DWELLING
(1021) S BALBOA 30 E 31st Ave. Two-story and basement frame dwelling.
Owner—Howard Thurber, 215 Sanchez St., San Francisco.
Architect—J. Foley, 770 5th Ave., San Francisco.
Contractor — Edwin S. Persson, 3795 24th St., San Francisco. $5000

FLATS
(1022) NO. 448-454 FAIR OAKS ST Carpentery work, plumbing and electric work for flats.
Owner—A. L. Arata, 884 Dolores St., San Francisco.
Architect—None.
Contractor—Bowers & Donohue, 4820 Geary St., San Francisco. $2000

FLATS
(1023) S FRANCISCO 200 W Franklin Two-story and basement frame (2) flats.
Owner—Alfred Cheli, 918 Union St., San Francisco.
Architect—S. Heiman, 57 Post St. San Francisco. $7000

DWELLING
(1024) N FULTON 57-6 E Thirty-eighth Ave. Two-story and basement frame dwelling.
Owner—L. S. Ross, 1440 15th Ave., San Francisco.
Architect—None.
Contractor—D. W. Ross, 180 Jessie St., San Francisco $4000

ADDITIONS
(1025) NO. 4433 LINCOLN WAY. Add kitchenette, bath and one-room to residence; concrete work, etc.
Owner—Mr. and Mrs. A. Wood, 20 Belvedere St., San Francisco.
Architect—None.
Contractor—J. W. Marsden, 507 Cole St., San Francisco $1350

DWELLING
(1026) NW LOMBARD & OCTAVIA (rear). One-story and basement frame dwelling.
Owner—Ugo Martinelli, 1700 Lombard St., San Francisco.
Architect—None. $2900

APARTMENTS
(1027) NW MISSION 427-6 NE Valencia. Three-story frame stores and (4) apartments.
Owner—Anette Elberg, % Contractor.
Architect—None.
Contractor — Christiansen Bros., 518 25th Ave., San Francisco. $8000

DWELLINGS
(1028) S PALM AVE 50 and 75 W Newhall. Two one-story and basement frame dwellings.
Owner—T. L. Sharman, 1440 Shafter Ave., San Francisco.
Architect—None. $3000 each

DWELLING
(1029) NE SHAFTER 200 SE Keith. One-story and basement frame dwelling.
Owner—Mrs J. Prosek, 245A Carl St., San Francisco.
Architect—None.
Contractor—Frank J. Prosek, 245A Carl St., San Francisco. $4000

DWELLING
(1030) SE FIFTH AVE AND KIRKham. Two-story and basement frame dwelling.
Owner—City Realty Co., 46 Kearny St., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco. $4000

FACTORY
(1031) S NINTH 100 E Howard. One-story and mezzanine floor concrete factory.
Owner — San Francisco Realty Syndicate, 2008 Mission St., S. F.
Architect—A. J .Horstmann, 110 Sutter St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., S. F. $20,000

DWELLINGS
(1032) W FIFTEENTH AVE 125 and 150 S Irving Two two-story and basement frame dwellings.
Owner—August Hallgren, 311 Hayes St., San Francisco.
Architect—None. $4000 each

DWELLING
(1033) W TWENTY-THIRD AVE 240 S Judah. Two-story and basement frame dwelling.
Owner—Emil L. Thomas, 859 14th St., San Francisco.
Plans by Owner.
Contractor — L. M. Weismann & Son, 4067 18th St, S. F. $5800

DWELLING
(1034) E THIRTY-EIGHTH AVE 100 N Fulton. One-story and basement frame dwelling.
Owner—L. S. Ross, 1440 15th Ave., San Francisco.
Architect—None.
Contraactor—D. W. Ross, 180 Jessie St., San Francisco. $3000

DWELLINGS
(1035) W THIRTY-FOURTH AVE 200 225, 250, 275, 309 and 325 N Balboa Six one-story and basement frame dwellings.
Owner—I. B. Arkwright and Jas. H. Comer, 1810 Clement St., S. F.
Architect—None.
Contractor—Thos. E. Mohler, 751 28th Ave., San Francisco. $4000 each

SALESROOM
(1036) E POTRERO AVE 75 S 24th. One-story reinforced concrete Ford Agency salesroom.
Owner—Doherty Bros., 1174 Potrero Ave., San Francisco.
Architect—None.
Contractor — Jas. B. McSheehy, 1147 Dolores St., S. F. $10,500

APARTMENTS
(1037) W EIGHTH AVE 125 S Lincoln Way. Two-story and basement frame (4) apartments.
Owner—John Stein, 223 Steiner St., San Francisco.
Architect—Frederick G. Mund Jr., 58 Francis St., S F. $10,000

RESIDENCE
(1038) E COLE 102-9 S 17th. Two-story and basement frame residence.
Owner—Mary Landsberg, 2901 Webster St., San Francisco.
Architect—A. J. Rushton.
Contractor — Thomas M. Jones, 3767 Army St., San Francisco.
Filed Mar. 7, '23. Dated Mar. 5, '24.
Roof on $1681
Rough plaster on..... 1681
Completed and accepted..... 1681
Usual 35 days..... 1682
TOTAL COST, $6725
Bond, $3500. Sureties, Morris J. and Annie M. Jones. Limit, 120 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported Mar. 1, 1924, No. 895.

ALTERATIONS
(1039) BEALE ST. All work for removing high pressure fire hydrant at Beale St., bet. Folsom and Howard to point on opposite of Beale St.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Architect—None.
Contractor—McGill & O'Connor.
Filed Mar. 7, '24. Dated Mar. 1, '24.
On completion 75%
Usual 35 days..... 25%
TOTAL COST, $350
Bond, none. Limit, Mar. 20, 1924. Forfeit, plans and specifications, none.

APARTMENT BLDG.
(1040) S GROVE 150 E Divisadero S 100 x E 25. Electric work for 3-story apartment building.
Owner—Schainman Realty Co., Chronicle Bldg., San Francisco.
Architect—Samuel L. Hyman and A. Appleton, 68 Post St., San Francisco.
Contractor—Shipman & Lauer, 318 Polk St., San Francisco.
Filed March 7, 1924. Dated Jan. 30, 1924.
Roughed in $300
Completed and accepted 300
Usual 35 days 300
TOTAL COST, $900

Bond, Forfeit, none; Limit, as required; Plans and specifications filed.
NOTE—Permit reported Jan. 23, 1924 No. 288.

(1041) PAINTING ON ABOVE.
Contractor—N. Moses.
Filed March 7, 1924. Dated Jan. 30, 1924.
Half completed 1/3
Completed and accepted 1/3
Usual 35 days 1/3
TOTAL COST, $900
Bond, Forfeit, none; Limit, as required; Plans and specifications filed.

(1042) PLUMBING ON ABOVE.
Contractor—E. Sugarman, 3624 Geary St., San Francisco.
Filed Mar. 7 ,1924. Dated Jan. 30, 1924.
Roughing in complete $1039.50
Completed and accepted 519.75
Usual 35 days 519.75
TOTAL COST, $2079
Bond, Forfeit, none; Limit, as fast as required; Plans and specifications filed

(1043) GENERAL WORK ON ABOVE.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed Mar. 7, 1924. Dated Jan. 30, 1924.
Enclosed 25%
Rough plastered 25%
Completed and accepted.....25%
Usual 35 days 25%
TOTAL COST, $16,861
Bond, Forfeit, none; Limit, 90 days; Plans and specifications filed.

(1044) WATER HEATERS ETC. ON above.
Contractor — Pacific Gas Heating Co., 439 Sutter St., San Francisco.
Filed Mar. 7, 1924. Dated Jan. 16, 1924. Payments not given.
TOTAL COST, $850
Bond, Forfeit, Limit, None; Plans and specifications filed.

RESIDENCE
(1045) LOT 2 BLK 23 ST. FRANCIS Wood Extn. No. 2. All work for frame residence.
Owner—Westgate Park Co., 278 Post St., San Francisco.
Architect—Masten & Hurd, 278 Post St. San Francisco.
Contractor—Mangels Bros., 278 Post St San Francisco.
Filed Mar. 7, 1924. Dated. Mar. 4, 1924.
Frame up $2190.75
Brown coated 2190.75
Completed and accepted.... 2190.75
Usual 35 days 2190.75
TOTAL COST, $8763
Bond, $4381.50; Sureties, Same; Foreit $5; Limit, May 15, 1924; Plans and Specifications filed.

RESIDENCE
(1046) LOT 1 BLK 23 ST. FRANCIS Wood Extn. No. 2. All work for frame residence.
Owner—Garden Homes Co., 278 Post St., San Francisco.
Architect—Masten & Hurd, 278 Post St San Francisco.
Contractor—Mangels Bros., 4972 Mission St., San Francisco.
Filed Mar. 7, 1924. Dated Mar. 4, 1924.
Frame up $2357.25
Brown coated 2357.25
Completed and accepted.... 2357.25
Usual 35 days 2357.25
TOTAL COST, $9429
Bond, $4714.50; Sureties, Theresa Gamma and John A. F. Steimke; Forfet, $5; Limit, May 15, 1924; Plans and specifications filed.

BUILDING
(1047) E POTRERO AVE. 75 N 24th E 100 x N 100. All work for conc. building.
Owner—George and Edw. Doherty and Mrs. Ida O'Connor, 116 Albion, San Francisco.
Architect—None.
Contractor—Jas. B. McSheehy, 1147 Dolores St., San Francisco.
Filed Mar. 7, 1924. Dated Mar. 7 1924.
Foundation walls in $3000
Concrete walls up 4000
Brown coated 4000
Completed and accepted 4300
Usual 35 days 5200
TOTAL COST, $20,500
Bond, Forfeit, none; Limit, 100 days; Plans and specifications filed.

BUILDING
(1048) NW MISSION 401.535 NE Valencia NE 25.96 NW 120.125 m or l SW 26.818 m or l SE 113.522 m or l to beg. Pin. Lots 4 & 5 Garden Land Hd. Assn. All work for 3-story frame building.
Owner—Cornelius and Adolph Morse, care contractor.
Architect—None.
Contractor — Christiansen Bros., 518 25th Ave., San Francisco.
Filed Mar. 7, 1924. Dated Feb. 20, 1924.
On execution of agreement..$3250.00
Roof on 3562.50
Brown coated 3562.50
Completed and accepted..... 3562.50
Usual 35 days 3562.50
TOTAL COST, $17,500
Bond, Forfeit, none; Limit, 90 days; Plans and specifications filedd.
NOTE—Permit reported Feb. 27, 1924 No. 830.

RESIDENCE
(1049) W TWENTY-THIRD AVE. 240 S Judah S 25 x W 120. All work for 2-story and basement frame residence.
Owner—Emile L. Thomas, 280 Pennsylvania, S. F.
Architect—None.
Contractor—L. M. Weismann & Son, 4067 18th St., S. F.
Filed Mar. 7, 1924. Dated Mar. 4, 1924.
Frame up $1450
Brown coated 1450
Completed and accepted 1450
Usual 35 days 1450
TOTAL COST, $5800
Bond, $2900. Sureties, C. Gellert and Thos. J. Guilfoy. Forfeit, none Limit, 90 days. Plans and Specifications filed.

TWO FRAME BLDGS.
(1050) S ANZA 81-6 W FORTY-FIRST Ave. W 50 x S 100. All work for two 2-story and basement frame buildings.
Owner—C. O. Thompson, 410 24th Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 First National Bank Bldg., S. F.
Filed Mar. 7, 1924. Dated Jan. 30, 1924
Side & rf. sheathing on $2599.25
Brown coated 2599.25
Completed 2599.25
Usual 35 days 2599.25
TOTAL COST, $10,397
Bond, Sureties, Forfeit, none. Limit 90 days. Plans and Specifications not filed.
NOTE—Permit reported Jan. 31, 1924 No. 388.

STEAM HEATING, ETC.
(1051) 446 DRUMM ST. All work for steam heating, hot water heating, oil burning system, etc., for 3-sto. and basement reinforced concrete bldg.
Owner—Kingan & Co., care of architect
Architect—J. E. Krafft & Son, Phelan Bldg., S. F.
Contractor—Scott Co., 243 Minna St., San Francisco.
Filed Mar. 7, 1924. Dated Mar. 6, 1924.
1st & 15th each month.....75%
36 days after 25%
TOTAL COST, $5280.
Bond, $2700. Sureties, New Amsterdam Casualty Co. Forfeit, none. Limit, April 10, 1924. Plans and Specifications filed.

RESIDENCE
(1052) W 28TH AVE 81-123 N Lot 15 Sub 2 Sea Cliff N 40-071 S 86°37' N 137-789 S 12°55'12" E 39-594 N 86° 37' E 140-224 Burns, frame residence.
Owner—Jos. A. & Alice E. Burns, 750 Parnassus, San Francisco.
Architect—Earle R. Bertz, 168 Sutter St., San Francisco.
Contractor—Allen & Co., 168 Sutter St., San Francisco.
Filed Mar. 7, '24. Dated Mar. 7, '24.
TOTAL COST, $17,406
Frame completed $4351.50
Brown coated 4351.50
Completed and accepted 4351.50
Usual 35 days 4351.50
TOTAL COST, $17,406
Bond, Sureties, Forfeit, none. Limit, 120 days. Plans and Specifications filed.

DWELLING
(1053) N ANZA 100 E 43rd Ave. One-story and basement frame dwlg.
Owner—H. B. Murphy, 530 Bush St., San Francisco.
Architect—Nore.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $3900

DWELLING
(1054) N CHESTNUT 125 W Polk. One-story and basement frame dwelling.
Owner—Geo. Ringden, 693 Mission St., San Francisco.
Architect—None.
Contractor—S. Rascori, 693 Mission St., San Francisco. $5000

DWELLINGS
(1055) W MADRID 150 and 175 N Avalon Two one-story and basement frame dwellings.
Owner—Henry Dobert, 402 Avalon Ave. San Francisco.
Architect—None. $3000 each

RESIDENCE
(1056) E SANTA CLARA AVE 120 S San Anselmo. Two-story and basement frame residence.
Owner—G. C. and W. J. Mangels, 4792 Mission St., San Francisco.
Architect—B. C. Corbett, 1720 Pacific Ave., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. $8000

RESIDENCE
(1057) W SANTA ANA AVE 154 S Portola Drive. Two-story and basement frame residence.
Owner—H. C. and W. J. Mangels, 4792 Mission St., San Francisco
Architect—Masten & Hurd, 278 Post St., San Francisco
Contractor—Mangels Bros., 4792 Mission St. $7000

ALTERATIONS
(1058) W SAN CARLOS 150 and 175 N Nineteenth. Move two dwellings concrete foundations and floors, plumbing, etc.
Owner — Antone Petersen, 2770 San Bruno Ave., San Francisco.
Architect—None. $1500 each

DWELLING
(1059) W THIRTY-THIRD AVE 300 N Cabrillo. One-story and basement frame dwelling.
Owner—D. Tiscornia, 188 Bertita St., San Francisco.
Architect—None. $3000

FRAME FLATS
(1060) S TARAVAL 32-6 E 24th Ave. Two-story and basement frame (2) flats.
Owner—Vincent Buckley, 855 Monadnock Bldg., San Francisco.
Architect—None. $6000

DWELLING
(1061) N IRVING 90 W 30th Ave. One-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco.
Architect—None. $4000

DWELLINGS
(1062) E JULES AVE 135 and 160 N Grafton. Two one-story and basement frame dwellings.
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco.
Architect—None. $4000 each

DWELLING
(1063) NW THIRTIETH AVE AND Irving. One-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco.
Architect—None. $4000

OFFICES, ETC.
(1064) N MARKET 60 E Kearny. Four-story and basement steel and concrete stores and offices.
Owner—Crocker Estate Co., Crocker Bldg., San Francisco.
Architect — Louis P. Hobart, Crocker Bldg., San Francisco.
Contractor — Dinwiddie Constr. Co., Co., Crocker Bldg., S. F. $300,000

RESIDENCE
E SAN LORENZO WAY 30 S Portola Drive. Two-story and basement frame residence.
Owner—Westgate Park Co., 278 Post St., San Francisco.
Architect—Mastern & Hurd, 278 Post St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. $7000
NOTE—Recorded contract reported March 8, 1924, No. 1045.

RESIDENCE
SE PORTOLA DRIVE AND SAN LORenzo. Two-story and basement frame residence.
Owner—Garden Homes Co., 278 Post St., San Francisco.
Architect—Mastern & Hurd, 278 Post St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco $7000
NOTE—Recorded contract reported March 8, 1924, No. 1046.

DWELLING
W TWENTY-EIGHTH AVE 50 S McLaren. Two-story and basement frame dwelling.
Owner—Joseph A. Burns, % Architect.
Architect — Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Allen & Co., 168 Sutter St., San Francisco. $12,000
NOTE—Recorded contract reported March 8, 1924, No. 1052.

BUILDINGS
(1065) NE ALLISON 175 SE Cross SE 50 NE 120 Lot 62 Bernal Hd Assn. All work for two frame buildings.
Owner—Esther Ahearn, 1408 Polk St., San Francisco.
Architect—None
Contractor—Charles Gust, 4 Shakespeare St, San Francisco.
Filed Mar. 7, '24. Dated Mar. 3, '24.
Frame up $1850
Plastered 1850
Completed 1850
Usual 35 days..... 1850
TOTAL COST, $7400
Bond, limit, forfeit, plans and specifications, none.
NOTE—Permit reported Mar. 4, 1924, No. 924.

DWELLING
(1066) W FORTY-SEVENTH AVE 240 N Cabrillo N 30xW 120. All work for one-story and basement frame dwelling.
Owner—Frederick Huelter, 751 47th Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 5326 Geary St., San Francisco.
Filed Mar. 8, '24. Dated Feb. 18, '24.
Roof sheathing on.....$1337.50
Brown coated 1337.50
Completed and accepted..... 1337.50
Usual 35 days..... 1337.50
TOTAL COST, $5350.00
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications, none.

ALTERATIONS
(1067) SW SIXTEENTH & VALENcia. Painting, wainscoting, gold leaf work, glazing, etc., for alterations and additions to bank.
Owner — The Mission Savings Bank, Frenuses.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., San Francisco.
Contractor—C. E. Gordon, 180 Jessie St., San Francisco.
Filed Mar. 8, '24. Dated Mar. 4, '24.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $2340
Bond, $1170. Sureties, Patrick Hurley and Sylvester R. Dannenbaum. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

DWELLINGS
(1068) SE ATHENS 150 and 175 SW Persia. Two one-story and basement frame dwellings.
Owner—Joe Brown, 138 Saratoga St., San Francisco.
Architect—None. $2500 ea

DWELLING
(1069) N BRUCE 75 W Edgar. One-story and basement frame dwlg.
Owner — W. Donaldson, 267 Miramar Ave., San Francisco.
Architect—None.. $3000

DWELLINGS
(1070) E CONCORD 150, 175, 200, 225, 275, 300, 325 S Cross. Eight one-story and basement frame dwlgs.
Owner—Williams & Pfeifer, 2539 Mission St., San Francisco.
Architect—None. $3000 each

STORES
(1071) N CLEMENT 32-6 W 22nd Ave. One-story frame stores.
Owner—David Gibbs, 651 5th Ave., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.
Contractor — Johnson & Anderson, 4 Steiner St., S. F. $3000

STORES
(1072) N CLEMENT 32-6 W 22nd Ave. One-story frame stores.
Owner—David Gibbs, 654 5th Ave., San Francisco.
Architect—None.
Contractor — Johnson & Anderson, 4 Steiner St., S. F. $3000

ALTERATIONS
(1073) NO. 2518 FILLMORE. Remodel residence for apartments.
Owner—Fred Collins, 2513 Fillmore St., San Francisco.
Architect—None
Contractor—Cook & Casselman, 2040-A Sutter Sts., San Francisco. $1350

DWELLING
(1074) E FORTY-FOURTH AVE 100 N Fulton. One-story and basement frame dwelling.
Owner — P. M. and M. L. Krogh, 128 10th Ave., San Francisco.
Architect—None.
Contractor — P. M. Krogh, 128 10th Ave., San Francisco. $5000

FRAME FLATS
(1075) N FRANCISCO 175-6 W Van Ness Ave. Three-story and basement frame (2) flats.
Owner—Mrs. Ida Sutter Maas.
Architect—Lionel H. Pries, 809 Mechanic Institute Bldg., S. F.
Contractor—Buschke & Brown, 604 Mission St., S. F. $15,000

DWELLINGS
(1076) SE HANOVER 100, 126 and 152 N Lowell. Three one-story and basement frame dwellings.
Owner — E. Swanson, 329 Lowell St., San Francisco.
Architect—Chas. F. Strothoff, 2771 15th St., San Francisco. $3000 each

ALTERATIONS
(1077) NO. 712 MARKET. Remodel store front.
Owner—Marsh & Co., Premises.
Architect—D. J. Patterson, 46 Kearny St., San Francisco.
Contractor—Mullen Mfg. Co. 60 Rausch St., San Francisco. $2000

DWELLING
(1078) SE MONTEREY BLVD AND Forester. Two-story and basement frame store and dwelling.
Owner—C. A. Hamilton, 770 Joost Ave., San Francisco.
Architect—Earl B. Bertz, 168 Sutter St., San Francisco. $5000

MARQUISE
(1079) NO. 2045 MISSION. Construct galvanized iron and steel marquise for store.
Owner—A. Cohen Furniture Co., 2045 Mission St., San Francisco.
Architect—None.
Contractor—Brumfield Elec. Sign Co., 965 Folsom St., S. F. $1800

DWELLING
(1080) S McKINNON 175 E Lane. One story and basement frame dwlg.
Owner—Frank Sherry, 1447 McKinnon St., San Francisco.
Architect—None. $2500

RESIDENCE
(1081) S MAGELLAN 300 W Montalvo. Two-story and basement frame residence.
Owner—Jennie A and Charles J. Holland, — Frederick St., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—J. Prout, 515 Magellan Avce., San Francisco. $7000

ALTERATIONS
(1082) NW PIONEER ALLEY AND Fourth. Remodel portion of store Fourth St. Remodel portion of store space for (3) stores using 4" hollow tiles; plastering; iron stairways; new show windows; plumbing, etc.
Owner—Peoples Drug Co., 661 Golden Gate Ave., S. F.
Architect—C. S. McNally, 661 Golden Gate Ave., S. F.
Contractor—Louis Kragen, 661 Golden Gate Ave., S. F. $3,879

STORE
(1083) NE SILVER AVE. 300 W San Bruno. 1-story frame store.
Owner — Ermine J. Lercari, cor. San Bruno and Silver Ave., S. F.
Architect—None.
Contractor — M. Brueck, 600 Charter Oak Ave., S. F. $3000

DWELLING
(1084) W THIRTY-NINETH AVE. S Anza. 1-story and basement frame dwelling.
Owner—Ernest J. Olson, 3942 Mission St., S. F.
Architect—None. $3500

APARTMENTS
(1085) E TAYLOR 62-6 N Clay. 3-sto. and basement reinforced concrete apartments.
Owner—Depaoli & Podesta, 1349 Grant Ave., S. F.
Architect—C. H. Barrett, 342 Grant Ave San Francisco. $35,000

WAREHOUSE
(1086) N TOWNSEND 230 W Fourth. 1-story and basement concrete warehouse.
Owner—Frye & Co., 119 Sacramento St. San Francisco.
Architect — Willis Lowe, Monadnock Bldg., S. F.
Contractor—Peter Petersen, 119 Sacramento St., S. F. $20,000

ALTERATIONS
(1087) NW MONTGOMERY AND SACramento Sts. Remodel store front.
Owner — G. A. Lansburgh, 140 Montgomery St., S. F.
Architect—G. A. Lansburgh, 140 Montgomery St., S. F.
Contractor—Barrett & Hilp, 918 Harrison Sts., S. F. $1000

DWELLING
(1088) N PORTOLA DR. 95 E Kensington. 1-story and basement frame dwelling.
Owner—T. Noel, Claremont Court, S. F.
Architect—H. Stoner, 219 First National Bank Bldg., S. F.
Contractor—Lang Realty Co, 219 First National Bank Bldg., S. F. $3500

GARAGE
(1089) S STEVENSON 100 W Seventh. 1-story reinforced concrete public garage.
Owner—Sadie I. McLaughlin, 251 Kearny St., S. F.
Architect—None.
Contractor — James McLaughlin, 251 Kearny St., S. F. $3000

BUNGALOW
(1090) N STAPLES AVE 225 E Foerster E 25 x N 112-6 Lot 21 Blk 18 Sunnyside. All work for 1-story frame bungalow.
Owner—M. A. Austin.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
Filed Mar. 10, 1924. Dated Mar. 4, 1924.
Frame up 25%
Brown coated 25%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST, $2700
Bond, none; Forfeit, $1; Limit, 90 days; Plans and specifications filed.

ALTERATIONS
(1091) 712 MARKET STREET. Alterations, to office in building.
Owner—Northwestern Pacific Railroad Company.
Architect—D. J. Patterson, 46 Kearny St., San Francisco.
Contractor—Mullen Manufacturing Co. 60 Rausch, San Francisco.
Filed Mar. 10, 1924. Dated Mar. 7, 1924.
1st day each month 50%
Usual 35 days 50%
TOTAL COST, $1925
Bond, Forfeit, Limit, none; Plans and specifications filed.

FLATS
(1092) N HIGHLAND AVE. 100 W Mission W 25 x N 100 Lot 12 Blk B French & Gilman Tr. All work for 2-story and basement frame bldg. (flats).
Owner—Joseph F. & Rose E. Hadzick, 3812 Mission St., San Francisco.
Architect—None.
Contractor—Dahlberg & Peterson, 33 Noriega St., San Francisco.

Filed Mar. 10, 1924. Dated Mar. 10, 1924.
Frame up $2200
Plastered 2200
Completed and accepted 2200
Usual 35 days ..... ——
TOTAL COST, $9000
Bond, $4500; Sureties, J. E. W. Carey, E. K. Johanson; Forfeit, $10; Limit, 90 days; Plans and specifications filed.

RESIDENCES
(1093) SE JOOST AVE & EDNA S 100 x E 100. All work for 4 1-story and basement frame residences.
Owner—Moneta Inc. Co., Pacific Bldg. San Francisco.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
Filed Mar. 10, 1924. Dated Mar. 3, 1924.
Frame worfk completed.....$3870
Electric work and brown coating completed 3870
Completed and accepted..... 3870
Usual 35 days 3870
TOTAL COST, $15,580
Bond, none; forfeit, $10; Limit, none; Plans and specifications filed.

STORES & APTS.
(1094) NW MISSION 427.495 NE Valencia NE 25.955 NW 127 SW 26.818 m or 1 SE 120.125 m or 1 to beg. Lot 4 & Ptn Lot 5 Garden Land Hd Assn. All work for 3-story frame building (stores and apartments).
Owner—Annette Elberg, 1600 Polk St., San Francisco.
Architect—None.
Contractor — Christiansen Bros., 518 25th Ave., San Francisco.
Filed Mar. 10, 1924. Dated Mar. 6, 1924.
On execution of agreement....$2400
Roof on 3775
Brown coated 3775
Completed and accepted..... 3775
Usual 35 days 3775
TOTAL COST, $17,500
Bond, Forfeit, none; Limit, 90 days; Plans and specifications filed.
NOTE—Permit reported Mar. 8, 1924 No. 1027.

DWELLING
(1095) NW ANZA AND THIRTY-ninth Ave. One-story and basement frame dwelling.
Owner—L. M. Carusio, 3917 Balboa St., San Francisco.
Architect—None.
Contractor—L. M Carusio Co., 3917 Balboa St, S. F. $5000

DWELLING
(1096) W BRUSSELS 66 N Felton. One-story and basement frame dwelling.
Owner—S. Saari, 155 Brussels St., San Francisco.
Architect—None. $3000

FRAME FLATS
(1097) W GOUGH 112-6 S Filbert. Two-story and basement frame (2) flats
Owner—P. Giaconni, 1350 Gilman Ave., San Francisco.
Architect—None.
Contractor—Fracchia & Rosina, 36 Cunningham Place, S. F. $6000

DWELLING
(1098) W MIRAMAR 275 S Grafton. One-story and basement frame dwelling.
Owner—Meyer Bros., 603 First Nat'l. Bank Bldg., San Francisco.
Architect—None. $3000

DWELLING
(1099) S NEWCOMB 125 E Mendell. One-story and basement frame dwelling.
Owner—Mrs. Emma Pontet & Son, 2104 Bush St. San Francisco.
Architect—None.
Contractor—McKellar & Son, 557 Divisadero St., S. F. $3000

FRAME FLATS
(1100) W PARKER AVE 300 N Geary. Two-story and basemetn frame (2) flats.
Owner—C. A Schlesselman, 3120 Geary St., San Francisco.
Architect—None. $6000

DWELLING
(1101) E TWENTY-FIRST AVE 250 S Clement. One-story and basement frame dwelling.
Owner—H. Lindner
Architect—None.
Contractor—P. Algot Nelson, 355 Oak St., San Francisco. $5000

FRAME FLATS
(1102) W SEVENTEENTH AVE 50 & 73-6 N Fulton. Two two-story and basement frame flat buildings (2 flats each).
Owner—I. Epp, 4717 Geary St., S. F.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $7000 each

APARTMENTS
(1103) S CALIFORNIA 103-1½ W Jones Six-story and basement Class C (36) apartments.
Owner—John and David De Martini, % Contractor.
Architect—Edward E. Young, 2002 California St., San Francisco.
Contractor—M. A. Little, 535 Geary St., San Francisco. $100,000

APARTMENTS
(1104) NW FULTON AND SEVENteenth Ave. Three-story and basement frame (12) apartments.
Owner—I. Epp, 4717 Geary St., S F.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $20,000

APARTMENTS
(1105) N PAGE 156-3 E Pierce. Three story and basement frame (9) apartments.
Owner—Adolph Petry, 764 Page St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $20,000

DWELLINGS
(1106) E SAN BRUNO AVE 150, 175, 225 and 250 N 22nd. Four one-story and basement frame dwlgs.
Owner—William H. Grahn, 2840 Bryant St., San Francisco.
Architect—None. $3000 each

STORE
(1107) E MISSION 180-6 N 26th. One story frame store.
Owner—William H. Grahn, 2840 Bryant St., San Francisco.
Architect—None. $3000

FRAME BLDG.
(1108) S BALBOA 30 E Thirty-first Ave S 94-1xE 25. All work except electric wiring and heating for two-story and basement frame building.
Owner—Howard M. & Mary C Thurber.
Architect—John J. Foley, 770 5th Ave. San Francisco.
Contractor—Edwin S. Persson.
Filed Mar. 11, '24. Dated Mar. 6, '24.
Frame up & roof rafters on.$2000.00
Ready for lath and plaster.. 2000.00
White coated 1500.00
Completed and accepted..... 2112.50
Usual 35 days..... 2537.50
TOTAL COST, $10,150.00
Bond, $5075. Sureties, Einar C. Petersen and S. Persson. Limit, 100 days. Forfeit, none. Plans and specifications filed.

FRAME FLATS
(1109) S CALIFORNIA 108-4 W 17th Ave W 25xS 96-1 O L 165. All work for two-story and basement frame flats.
Owner—Menal Cranow.
Architect—N Bernstein, 805 Divisadero St., San Francisco.
Contractor—G E Watson, 581 45th Ave., San Francisco.
Filed Mar. 11, '24. Dated Mar. 4, '24.
Rough frame up.....$1000
Rough plaster on..... 1625
Completed 1625
Deed of Trust for..... 4000
Usual 35 days..... 1625
TOTAL COST, $11,500
Bond, none. Limit, 100 days. Forfeit, $5. Plans and specifications filed.

DWELLINGS
(1110) W LONDON —— N Amazon. Three one-story and basement frame dwelling.
Owner—Fred Braun, 508 Valencia St., San Francisco.
Architect—None. $3000 each

DWELLINGS
(1111) N LOWELL 78, 103, 128 and 153 W Bruns. Four one-story and W Brunswick. Four one-story and basement frame dwellings.
Owner—Harry C. Pinkerton, 436 Hanover St., San Francisco.
Plans by Owner. $3000 each

DWELLING
(1112) S SURREY 482 W Lippard. One-story and basement frame dwelling.
Owner—P. Priolo, 344 Surrey St., S. F.
Architect—None.
Contractor—E. P. Burman, 998 Chenery St., San Francisco. $3000

SHOP
(1113) SW WASHBURN 100 SE Mission. Two-story frame carpenter shop.
Owner—Alfred S. Gough, 623 Minna St., San Francisco.
Architect—None $1000

DWELLINGS
(1114) SW WHITTIER 159-9 and 176-4½ E Brunswick. Two one-story and basement frame dwlgs.
Owner—C. Wengard, 1286 34th Ave., San Francisco.
Architect—None. $2950 each

FRAME FLATS
(1115) W TWENTY-EIGHTH AVE 150 N Clement. Two-story and basement frame (2) flats.
Owner—Richard McDonald, 3238 16th St., San Francisco.
Architect—None.
Contractor — Pat M. McDonald, 1049 Treat Ave., S. F. $7000

DWELLING
(1116) W THIRTY-FOURTH AVE 250 S Lincoln Way. One-story and basement frame dwelling
Owner—A. C. Johnson, 160 Alpine St., San Francisco.
Architect—None. $3000

APARTMENTS
(1117) SW ELEVENTH AVE & CALifornia. Three-story and basement frame (12) apartments.
Owner—Karl H. Holmgren, 726 5th Ave., San Francisco.
Architect—None. $25,000

GAL SEVEN MAR 12
FACTORY
(1118) N FOLSOM 150 E Fifth. One-story reinforced concrete factory.
Owner— Wm. Hoelscher, 26 Montgomery St., San Francisco.
Architect—Arthur S Bugbee, 26 Montgomery St., San Francisco. $9000

WAREHOUSE
(1119) N JESSIE 100 E Anthony. Five-story and basement concrete warehouse.
Owner—Andrew Dalziel, 556 Mission St., San Francisco.
Architect — Willis Lowe, Monadnock Bldg., San Francisco.
Contractor—Peter Petersen, 556 Mission St., S. F. $30,000

BAKERY
(1120) W WASHBURN 60 N Howard. One-story and mezzanine floor brick bakery.
Owner—G. Renon, % Architect.
Architect—C. O Clausen, Hearst Bldg. San Francisco. $8000

APARTMENTS
(1121) W FRANKLIN 33 S Filbert. Two-story and basement frame (4) apartments.
Owner—Felice Moscone, Premises.
Architect—L. Traverso, 854 Union St., San Francisco.
Contractor—Fracchia & Rosina, 36 Cunningham Place, S. F. $14,000

DWELLING
(1122) E BENNINGTON WAY 50 N Filbert. Two-story and basement frame dwelling.
Owner—Mrs. J. Le Bon, 307 Bennington Ave., San Francisco.
Architect—Thos. R. Bolger, 3215 Fernside Blvd., Alameda.
Contractor—T. R. Bolger, 3215 Fernside Blvd., Alameda. $4750

APARTMENTS
(1123) W POLK 55 S Chestnut. Three-story and basement frame (6) apartments.
Owner—Wm. Helbing, 1332 Lombard St., San Francisco.
Architect—None.
Contractor — The Helbing Co., 1332 Lombard St., S. F. $15,000

ALTERATIONS
(1124) NO 1475 STOCKTON. Remodel moving picture theatre for automobile salesrooms.
Lessee—J. W. Leavitt & Co., 1625 Van Ness Ave., San Francisco.
Architect—None.
Contractor—Hansen & Carlson, 904 O'Farrell St., S. F. $3747.50

RESIDENCE
(1125) LOT 25 BLK. 2817 Forest Hill Court. All work for 2-story and basement frame residence and garage.
Owner—J. F. Schemp, 411 Shotwell St., San Francisco.
Architect—Plans by owner.
Contractor — Wilson & Benson, 420 Russia Ave., S. F.
Filed Mar. 12, 1924. Dated Mar. 12, 1924.
Enclosed $3173
Brown coated 3173
Completed and accepted 3173
Usual 35 days 3173
TOTAL COST, $12,692
Bond, $6346. Sureties, Chas. Monson & Edward Peterson. Forfeit, none. Limit, 90 days. Plans and Specifications filed.

ALTERATIONS
(1126) 448, 454 FAIR OAK. Alterations to bldg.
Owner—A L. Arata, 884 Dolores St., San Francisco.
Architect—None.
Contractor—Bowers & Donohue.
Filed Mar. 12, 1924. Dated Mar. 12, 1924.
Ready for plaster $1500
Ready for painter 1000
Completed and accepted 500
Usual 35 days 1200
TOTAL COST, $4200
Bond, $2100. Sureties, Ella F. Bowers, and Fannie O. Donohue. Forfeit, none. Limit, 60 days. Plans and Specifications filed.

APARTMENTS
(1127) S GREEN 80 W STEINER W 30 x S 55. All work for 2-story frame apartment house.
Owner—Iride Cheda Roman and Emily C. Thomas, 746 22nd Ave., S. F.
Architect—Philip Schwerdt, 2920 Jackson St., S. F.
Contractor—C. Olsen, 963 Sanchez, S. F.
Filed Mar. 12, 1924. Dated Mar. 3, 1924.
Frame up, enclosed $3224
White coated 3234
Completed and accepted 3234
Usual 35 days 3234
TOTAL COST, $12936
Bond, $12,936. Sureties, John Nelson & N. George Weinholz. Forfeit, $5 per day. Limit, 75 days. Plans and Specifications filed.
NOTE—Permit reported Feb. 25, 1924

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

March 6, 1924—COM. 710 N 85° 40' E from int. S Humboldt & E Georgia N 40° 20' W 120 N 85° 40' E 90 S 4° 20' E 120 S 85° 40' W 90. Pacific Gas & Electric Co. to Bethlehem Shipbuilding Corp..Mar. 6, '24
Mar. 6, 1924—E RAILROAD AVE 356 N Bay Shore Ave N 32xE 100 Ptn Blk 11, Crocker Bay Shore Tract. Crocker Estate Co to whom it may concern.....Mar. 4, 1924
Mar. 6, 1924—E RAILROAD AVE 324 N Bay Shore Ave N 32xE 100 Ptn Blk 11, Crocker Bay Shore Tract. Crocker Estate Co to whom it may concern.....Mar. 4, 1924
Mar. 6, 1924—LOT 5 BLK 6460 Crocker Amazon Tract Sub 2. Crocker Estate Co to whom it may concern.....Mar. 4, 1924
Mar. 6, 1924—BLK 131 BDED BY 15th, 16th, Vermont and Kansas. The Western Pacific Railroad Co to Mahoney Bros.....Mar. 6, 1924
Mar. 6, 1924—NW CABRILLO AND Thirty-third Ave N 100xW 82-6. Jonathan Anderson to Meyer Bros .....Mar. 5, 1924
Mar. 6, 1924—S LOMBARD 192-6 W Buchanan. Pellegro Blagi & Melania to T L and T R Sharman.....Feb. 25, 1924
Mar. 6, 1924—W TWENTY-FIFTH Ave 100 S Lincoln Way S 25xW 120. Moses and Hannah Stern to John E McCarthy.....Mar. 5, 1924
Mar. 6, 1924—N JACKSON 35 W Laurel N 127-8¼xW 37-6. Mrs. Harold L Zellerbach to Hall Gas Furnace Co.....Feb. 27, 1924
Mar. 7, 1924—E SAN BRUNO AVE 100 N 15th 28x200. R N Nason to Wm A Rainey & Son.....Feb. 29, 1924
Mar. 7, 1924—N CALIFORNIA 29 E 19th Ave E 26xN 95. John Trainor to whom it may concern.Jan —, 1924
Mar. 7, 1924—W TWENTY-THIRD Ave 290 S Judah S 25xW 110. John E and Louise Munster to John E McCarthy.....Mar. 6, 1924
Mar. 7, 1924—W TWENTY-THIRD Ave 59-3 S Judah S 25xW 99-9; W 23rd Ave 84-3 S Judah S 25 W 110-9 NE 15-1 m or 1 N 13-6 E 99-8. John E and Ethel M McCarthy to whom it may concern.....March 7, 1924
Mar. 7, 1924—LOT 26 BLK 8, Crocker Amazon Tract. Frank C Grisez to whom it may concern..Mar. 6, '24
Mar. 7, 1924—SE UNION AND Steiner E 93-9xS 25. Antone Zietich to Louis J Cohn..Mar. 5, 1924
March 10, 1924—N GEARY 112-6 E Hyde E 80 x N 137-6. J. Steur to whom it may concern.March 10, 1924
March 10, 1924—LOT 10 BLK. H Mission Terrace. Walter E. Hansen to whom it may concern.Mar. 7, 1924
March 10, 1924—SE 30TH & WHITney. Mrs. Chas. Foster to Fred Warden ..... March 10, 1924
March 10, 1924—N CURTIS 173 S Rolph 25 x 107. Carl E Wyman to whom it may concern.March 10, 1924
March 10, 1924—W SANSOME 46-10⅞ move N Sutter N 91-6 x W 122-9. Anglo & London Paris Nat'l. Bank of S. F. to California Artistic Metal & Wire Co. .....March 5, 1924
March 10, 1924—NE Boutwell & Augusta E 100 x 25. Vittorio Gnovessi to John Stanley .....March 10, 1924
Mar. 10, 1924—N MAYNARD 200 W Congdon No. 166 Maynard, 25x110. Wm. Powell to whom it may concern.....Mar. 10, 1924
Mar. 10, 1924—N MAYNARD 125 W Congdon No. 178 Maynard, 25x110. Wm. Powell to whom it may concern.....Mar. 10, 1924
Mar. 10, 1924—N MAYNARD 150 W Congdon No. 174 Maynard 25x110. Wm. Powell to whom it may concern.....Mar. 10, 1924
Mar 10, 1924—N MAYNARD 175 W Congdon No. 170 Maynard 25x110. Wm. Powell to whom it may concern.....Mar. 10, 1924
Mar. 10, 1924—LOTS 8 AND 10 BLK 3112 Lot 1 Blk 3111, Westwood Park. Hans and Esther E Nelson to whom it may concern.Mar. 3, 1924
Mar. 10, 1924—NE 26.67 LOT 39 and SW 16.67 to 40 Blk 2, Forest Hill. Alfred G Stang to H B Bernhardt .....Mar. 8, 1924
Mar. 8, 1924—N TARAVAL 32-6, 57-6 and 32-6 E 35th Ave E 25x100. Parkside Realty Co of S F to whom it may concern .....Mar. 7, 1924
Mar. 8, 1924—E NEWTON 25 N Morse. John J Brandt to whom it may concern.....Mar. 8, 1924
Mar 8, 1924—E NAPLES 100 N Peru 25x100. John Groff to whom it may concern .....Mar. 3, 1924
Mar. 8, 1924—SE MAJESTIC AVE 225 S Lakeview Ave. M Lundin to whom it may concern....Mar. 8, 1924
Mar. 8, 1924—N ANZA 26-8 W 20th Ave 26-8x100. Margaret and John Bowen to Christiansen Bros.....Mar. 8, 1924
Mar. 8, 1924—S GREENWICH 150 W Divisadero W 25xS 137-6. Bernhardt T Tennyson to W W Redmall .....Mar. 3, 1924
Mar 11, 1924 — W SEVENTEENTH Ave. 75 N Irving N 25 x W 100. Elling Ellingson to whom it may concern .....March 5, 2914
March 11, 1924—NE SEVENTEENTH Ave and Irving 57-6 on Irving x 100 on 17th Ave. Mrs. H. E. Jones to Arthur H. Klahn..March 10, 1924
March 11, 1924—N MISSION bet. 3rd and 4th, known as St. Patrick's Church. The Roman Catholic Archbishop of S. F. to Angus McIver & Co. .....March 4, 1924
March 11, 1924—E EDINBURGH 25 N Italy No. 791 Edinburgh, lot 25 x 100 Edward A. and Elsa C. Barclay to John Ladouceur..Mar. 10, '24
March 11, 1924—N QUESADA 25 E Keith 50 x —. Peter Agosti to W. J. McKellar. .....Feb. 7, 1924
March 11, 1924—E THIRTY-EIGHTH Ave. 200 S Lincoln Way S 25 x E 120. St. Francis Realty Co. to whom it may concern..March 5, 1924
Mar. 11, 1924—NW MISSION 51-1¾ SW Brady SW 116-6⅞ NW 62-8¾ NE 68-8⅝ NW 18-5⅞ NE 47-10½ SE 81-2. The Pacific Telephone & Telegraph Co to Matthies & Gale .....March 3, 1924
Mar 11, 1924—S LAKE 90 W Twenty-second Ave W 25xS 100. John Johnson to whom it may concern .....March 10, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

March 6, 1924—E OCTAVIA 80 N Green N 58 x E 50. P. Montague vs. A. Nardini and John Morton.....$82.50
March 7, 1924 — W GATES 200 S Powhattan S 25 x W 70. H. S. Thompson vs. Frank Pishara and Julius Kosinke $450.91
March 7, 1924 — E SPRECKELS 99-11¾ S Sunnydale Ave. S 50 x E 110. H. S Thompson vs. Carl Grandolfo $378.60
March 7, 1924 — E OCTAVIA 80 N Vallejo N 58 x E 50. P. Montague vs. A. Nardini and John Morton $82.50
March 7, 1924—S HAIGHT 105 W Broderick W 75 S 120 E 75 N to beg. John Cassaretto vs. N. Inshenetsky, Nicholas P. and Margaret F Nogulkin, and Geo. Balliet.....$500
Mar 7, 1924—S HAIGHT 104-11 W Broderick S 120 W 105-0⅝ m or 1 NW 10 m or1 E 32 m or 1 N to Haight E 75-1. John Schmiere, $139.50; Fred Balliet, $90; Thos Balliet, 57; Ludwig Pippus, $73.50; Frank Ramos, $25; Arthur Balliet, $57; George Balliet, $120.18; Geor Balliet, Jr, $55; A E Strunk, $74.20 $57; George Balliet, $120.18; Geo Balliet .....
March 10, 1924—S TURK 187-6 W Taylor 87-6 x S 137-6. P. A. Smith Co. vs Atlas Concrete Co. and Thos. McDougall $805.80
March 10, 1924—S HAIGHT 105 W Broderick W 75 x S 120. Fremier & McCrea vs. George Balliet and V. M. Imshenetsky $86.25
March 10, 1924—S SUNNYSIDE AVE. 25 W Congo W 50 x S 100. Atlas Mortar Co. vs. W. T. Cutler.... ..... March 10, 1924
March 10, 1924—N PINE 87-6 W Leavenworth W 27-7½ x N 95. Douglas J. Wiggs vs. Minnie G. Vogel $105.77
Mar. 8, 1924—N PACIFIC 177 E Franklin 33xN 132. H D Callaghan vs Sophie J Myers.....$122
Mar. 8, 1924—S HAIGHT 104-11 W Broderick S 120 W 105-0⅝ m or 1 NW 10 m or 1 W to Haight E 75. New Mission Sheet Metal Works vs V Imshenetsky and Geo Balliett.$585
Mar. 8, 1924—SE CLAY & WALNUT E 37-6xS 102-8¼. R W Borden vs Helena N Mooze $468.16
Mar. 8, 1924—S HAIGHT 104-11 W Broderick W 120W 104-9¾ m or 1 NW along Buena Vista Ave 11 m or 1 E 32 m or 1 N 110 to S Haight E 75-1 to beg W A 522. Frank B Devincenzi vs George Balliet, V M Imshenetsky, N P and M F Vogulkin $57
Mar. 11, 1924—S TURK 187-6 W Taylor W 87-6xS 137-6. Julius E Back, J J Van Niel (as J E Back Co) vs A E Smith, J E Fennell, R A Chisholm and J E Fennel (as Atlas Concrete Co) and Thos McDougall..... .....$340

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Mar. 7, 1924—W ELEVENTH AVE 250 N California N 25xW 120. American Trading Co to Felix F and Madeline Desmond and F Neubert (as Inlaid Hardwood Floor Co) $30.80
Mar. 7, 1924—E SECOND AVE 200 S Clement E 120xS 25. American Trading Co. to J J and Ellen Hastings, and Frank Neubert (as Inlaid Hardwood Floor Co).....$80 84
Mar. 7, 1924—E LARKIN 25-6 S Sacramento S 25xE 100. American Trading Co to Sarah Friedman and Frank Neubert (as Inlaid Hardwood Floor Co.....)$117.36

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Mar. 6, 1924—SE MARKET 140-4½ NE Brady NE 67xSE 180. San Francisco Lodge No. 26, Loyal Order of Moose as to improvements on property.....

Mar. 6, 1924—N FIFTH AND HOWARD NW 275xNE 275. Clay Slocumb as to improvements on property.
March 6, 1924 — N POST 201-9 W Larkin W 48-10½ x N 120. American Trading Co. vs. Issac O. Jellison and Frank Neubert, Inlaid Hardwood Co. $23 20
Mar. 7, 1924—SW POST & MASON W 87-6xS 87-6. Jesse H Steinhart as to improvements on property.
Mar. 10, 1924—SW GRANT AVE & Manila S 69-4 W 40 N 9-4 W 45 N 60 E 85. Macdonough Estate Co as to improvements on property.....

BUILDING CONTRACTS

ALAMEDA COUNTY

$4,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
1199	Mercantile	Conner	21050
1200	Same	Nottingham	1998
1201	De Myer	Christensen	8300
1202	Boyd	Boyd	7000
1203	Graham	Owner	5790
1204	Wierk	Owner	6000
1205	Dippel	Nibel	3200
1206	Smith	Wishart	4200
1207	Fedderwitz	S F Oven	2150
1208	Wittkopeski	Owner	1400
1209	Rice	Owner	1500
1210	Ausmus	C. Bldrs.	12000
1211	Schols	Birmingham	3000
1212	Marchant	Gordon	15000
1213	Heafey	Owner	3000
1214	Ramsey	Anderson	8000
1215	Pac. Malleable	Peterson	35000
1216	Warner	Owner	3000
1217	Warner	Owner	3000
1218	Moe	Owner	5000
1219	Dale	Owner	2000
1220	Bertoldi	Owner	4300
1221	Healy	Owner	1250
1222	Graham	Owner	3750
1223	Farrell	Hontz	2900
1224	Whiting	Barr	16587
1225	Forrest	Bischoff	——
1226	Rhein	Knight	17700
1227	Frunzillo	Eaton	3000
1228	Bramlage	Owner	9500
1229	Clark	Norgrove	5000
1230	De Thomand	Owner	3750
1231	Pollard	Owner	3000
1232	Gillespie	Owner	8000
1233	Carlson	Owner	2500
1234	Hind	Owner	1500
1235	Schultz	Anderson	12288
1236	Snyder	Morgansen	4500
1237	O'Hara	Sommarstrom	5500
1238	Coffey	Lyon	3000
1239	Breuner	Brumfield	1000
1240	Lewis	Rose	1000
1241	Kluman	Owner	1000
1242	Wineganer	Barhan	5750
1243	Rich	McCormick	2500
1244	Schoenfeld	Lyon	3500
1245	Black	Nickelson	1500
1246	Marquis	Owner	18900
1247	Marquis	Owner	10000
1248	Heilsen	Van Ness	3500
1249	De Meyer	Christensen	10000
1250	Gelder	Moe	5500
1251	Defiore	Correia	3375
1252	De Souza	Owner	1300
1253	Archbishop	Brennan	33480
1254	Day	Diggs	1400
1255	Myers	Owner	4200
1256	Koerber	Blky. Bldg	8000
1257	Flagg	Owner	4000
1258	Howard	Healey	12000
1259	Rogers	Owner	2000
1260	Kimball	Owner	4000
1261	Rothrock	Rothwell	1500
1262	Hopp	Howson	2000
1263	Franshold	Hunter	6000
1264	Gault	Owner	2500
1265	Connell	Carr	3000
1266	Seekamp	Butzke	5500
1267	McMenahan	Monroe	4580
1268	Laure	Roby	3500
1269	Flutch	Owner	3000
1270	Kreiger	Owner	5000
1271	Kaipainen	Johnson	2500
1272	Rosenberg	Bernhard	1200
1273	Metzger	Taylor	3000
1274	Colonial	Federal	1500
1275	Clausen	Owner	4000
1276	Immoos	Sandar	3500
1277	Hamilton	Owner	2000
1278	Holledge	Owner	21600
1279	Holledge	Owner	5500
1280	Lucas	Owner	7000
1281	Grady	Owner	3000
1282	Ohlson	Lindquist	2400
1283	Swetzer	Brooks	2000
1284	Angeli	Benassini	3400
1285	Selman	Owner	1500
1286	Jensen	Sorensen	4000
1287	Maasberg	Owner	4000
1288	A. Pacheco	Vaughan	1500
1289	A C T I Co	Dinwiddie	5819
1290	Stone	Owner	2850
1291	Stone	Owner	2450
1292	Alameda	Owner	4000
1293	Alameda	Owner	4000
1294	Willeford	Owner	4200
1295	Alameda	Owner	4000
1296	Alameda	Owner	2580
1297	Alameda	Owner	4000
1298	West End	Willeford	3600
1299	West End	Willeford	3600
1300	Seim	Marcus	2500
1301	Noble	Owner	5000
1302	Bruzzone	Almquist	5900
1303	Salisbury	Lee	4000
1304	Reite	Owner	3500
1305	Westphal	Fish	12750
1306	Martin	Berkeley	1000
1307	McNulty	Jessiman	9500
1308	Owens	Owner	3000
1309	McGuinness	Owner	2800
1310	McGuinness	Owner	2800
1311	Jenson	Owner	3400
1312	Bouquet	McKibben	3000
1313	Bouquet	McKibben	3000
1314	Not given	Bernhart	1000
1315	Sims	Owner	2800
1316	Blitch	Anderson	6000
1317	Read	Owner	3000
1318	Gartner	Armstrong	2000
1319	Ranieri	Owner	2200
1320	Watkins	Watkins	3500
1321	Poggi	Benassini	1200
1322	Locke	Burks	6000
1323	Croll		70000
1324	Melrose	Foreman	2300
1325	Perry	Owner	3500
1326	Owl	Duval	15000
1327	Malley	Owner	9500
1328	Croll	Owner	10875
1329	Wright	Nordstrom	21980
1330	Abramo	Bruck	5030
1332	Hood	Porter	5000
1333	Heafey	Gallagher	3000
1334	Blean	Owner	3600
1335	Ffrang	Owner	5000
1336	Erickser	Owner	3800
1337	Bowron	S F Bldrs	12000
1338	Thelan	Conner	17500
1339	Wise	Oakland	3999
1340	Best	Owner	2000
1341	Rompelman	Owner	3500
1342	Mange	Isakson	8000
1343	Millet	Squires	3200
1344	Lawson	Owner	4800
1345	Tallman	Bradhoff	1500
1346	Pope	Owner	2000
1347	Gilbert	Owner	2000
1348	Oakland Mach Co	Hopper	1485
1349	Resch	McKellar	1500
1350	Kinnen	Owner	5600
1351	Foster	Owner	3800
1352	Heltman	Owner	1800
1353	Hinch	Owner	3000
1354	Parsons	Whler	3200
1355	Parsons	Whler	3200
1356	Dickie	Owner	5000
1357	Frank	Nickersen	3000
1358	Milletts	Squires	16600
1359	Junior Monach	Owner	4500
1360	Bronson	S F Bldrs	8950
1361	Allen	Dickie	6570
1362	Westinghouse	Mellman	12100

(1199) SW ASHBY AND BENVENUE Aves., Berkeley. All work except delivery desk, electric fixtures, glassware, heating system, curtains, crapes, shades and carpets for library building.
Owner—Mercantile Security Co. of Cal. San Francisco.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—Conner & Conner, Berkeley
Filed Mar. 5, '24. Dated Mar. 4, '24.
Frame up ..... ¼
Plastering completed ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $21,050
Bond, none Limit, 120 days. Forfeit, none. Plans and specifications filed.

(1200) HEATING PLANT INSTALLED on above.
Contractor—W. K. Nottingham, Okd.
Filed Mar. 5, '24. Dated Mar. 4, '24.
Roughing done $974.00
Completed 524.50
Usual 35 days..... 499 50
TOTAL COST, $1998.00
Bond, none. Limit, 120 days. Forfeit, none. Plans and specifications filed.

CONSTRUCTION
(1201) LOT 14 BLK. 674 map of Glassock Tract, Oakland. Main structure of bldg. only; does not include any finish work.
Owner—Van B. De Muer, 1560 Alice St., Oakland.
Architect—None.
Contractor — H. J. Christensen, 2326 38th Ave., Oakland.
Filed March 5, 1924. Dated Feb. 27, 1924
1st and 15th each month 75%
Usual 35 days .....Balance
TOTAL COST, $8300
Bond, Sureties. Forfeit, none. Limit 60 days after com. work. Plans and specifications filed.

DWELLING
(1202) NO. 319 MAGNOLIA AVE., Piedmont. One-story 7-room dwelling and garage.
Owner—Maud Boyd.
Architect—None.
Contractor—Robert Boyd, 228 E-11th St, Oakland. $7000

DWELLING
(1203) No. 116 FAIRVIEW AVE., Piedmont. One-story 6-room dwelling and garage.
Owner — A. C. Graham, 1502 Jackson St., Oakland.
Architect—None. $5790

(1204) NO. 83 SPRING AVE., Piedmont. Two-story 6-room dwelling and garage
Owner—Nick Wierk, 404 45th St., Piedmont.
Architect—None. $6000

DWELLING
(1205) NO. 724 CEDAR ST., Berkeley. One-story 6-room dwelling.
Owner—Alice E. Dippel, 1005 54th Ave., Oakland.
Architect—None.
Contractor—Geo. L. Nibel, 1912 Grove St., Berkeley. $3200

DWELLING
(1206) NO. 1612 CALIFORNIA ST., Berkeley. One-story 6-room dwlg.
Owner—John Smith, 778 Elizabeth St., San Francisco.
Architect—None.
Contractor—John Wishart, 1074 62nd St., Oakland. $4200

BAKE OVEN
(1207) NO. 1071 UNIVERSITY AVE., Berkeley. Bakery oven.
Owner—Geo. Fedderwitz, Premises.
Architect—None.
Contractor—S. F. Oven Co., 1261-65 Eddy St., San Francisco. $2150

DWELLING
(1208) NO. 1811½ EIGHTH ST., Berkeley. One-story 2-room dwelling.
Owner — Fred Wittkopski, 925 Delaware St., Berkeley.
Architect—None. $1400

(1209) NO. 1819 ACTON ST., Berkeley. One-story 5-room dwelling.
Owner—H. E. Rice, 622 Hyde St., San Francisco.
Architect—Dixon & Hillen, 1844 5th Ave., Oakland. $3500

APARTMENTS
(1210) N FORTIETH ST. 260 W Webster, Oakland. 2-story 12-room apartments.
Owner—J. J. Ausmus, 1534 Franklin St. Oakland.
Architect—None.
Contractor — Calif. Bldrs. Co., 1531 Franklin St., Oakland. $12,000

DWELLING
(1211) 767 BROOKLYN AVE., Oakland. 1-story 5-room dwelling.
Owner—Miss I. Scholz, 924 S 8th St., San Jose.
Architect—None.
Contractor — H. D. Birmingham, 1910 Ward St., Berkeley. $3000

FOUNDRY
(1212) SE TENTH ST. 250 E High St., Oakland. 1-story foundry.
Owner—Marchant Foundry Co., 4th & Laundrgan Sts., Oakland.
Architect—None.
Contractor—Gordon & Marchant, 3709 Brookdale Ave., Oakland. $15,000

ASPHALT PLANT
(1213) E HIGH ST., 200 S Tidewater, Oakland. Asphalt plant.
Owner—Heafey, Moore & McNair, 344 High St., Oakland.
Architect—None. $3000

DWELLING
(1214) 1027 LAKESHORE AVE., Oakland. 2-story 7-room dwlg.
Owner—Elsie H. Ramsey, 1023 Lakeshore Ave., Oakland.
Architect—None.
Contractor—Anderson & Harwood, 1927 Napa Ave., Oakland. $8000

FOUNDRY
(1215) SE COR. 85TH AVE. and S P. Right of Way, Oakland. 1-story foundry.
Owner—Pac. Malleable Casting Co.
Architect—None.
Contractor—Geo. Peterson, 351 12th St., Oakland $35,000

DWELLING
(1216) SE COR. PLEASANT VALLEY and North Court, Oakland. 1-sto. 5-room dwelling.
Owner—S. A. Warner, 850 Cleveland Ave., Oakland.
Architect—None. $3000

DWELLING
(1217) NE COR. PLEASANT VALLEY and North Court, Oakland. 1-sto. 5-room dwlg.
Owner—S. A Warner, 850 Cleveland Ave., Oakland.
Architect—None. $3000

DWELLING
(1218) 1053 TRESTLE GLEN ROAD, Oakland. 1-story 6-room dwlg.
Owner—S. Moe, 4001 Woodruff Ave., Oakland.
Architect—None. $5000

DWELLING
(1219) SE COR. TULIP AND LEE STS, Oakland. 1-story 4-room dwlg.
Owner—Jas. Dale, prem.
Architect—None. $2000

DWELLING
(1220) 723 WALLA VISTA, Iakland. 1story 6-room dwlg.
Owner—Joe Bertoldi, 5528 Vicente St., Oakland.
Architect—None. $4300

STORE BLDG.
(1221) S FORTIETH ST 120 E Telegraph, Oakland. 1-story store.
Owner — P J. Healy, 39 Mace Ave., Piedmont.
Architect—None. $1250

DWELLING
(1222) 2327 SIXTY-FOURTH AVE., Oakland. 1-story 5-room dwlg.
Owner—Lewis Graham, 1705 55th Ave., Oakland
Architect—None. $3750

DWELLING
(1223) E 81ST AVE. 80 S Plymouth, Iakland. 1-sto. 5-rm. dwlg.
Owner—L. M. Farrell, Belvedere, Cal.
Architect—None.
Contractor—G. E. Hontz, 547 Lincoln Ave., Alameda. $2900

DWELLING
(1224) 1529 HAWTHORNE TERRACE Berkeley. Bldg. complete, 2-sto. & basement frame dwlg.
Owner — H. H. Whiting, 1529 Hawthorne, Berkeley.
Architect—Chas. E Gottschalk, Phelan Bldg., S. F.
Contractor—Barr & Son, 306 26th St., Oakland.
Filed March 5, 1924. Dated Feb. 28, 1924
Frame up $4146
Plastering completed 4147
Completed and accepted 4147
Usual 35 days 4147
TOTAL COST, $16,587
Bond, $8293.50. Sureties, Globe Indemnity Co. Forfeit, none Limit, 120 days. Plans and Specifications filed.

DWELLING
(1225) LOT 1 BLK. 11, Oak Ridge, Claremont, Berkeley. Building complete, 2-story dwelling.
Owner—Jeanette & Forrest A. Kauffman, 3160 Lewiston, Berkeley.
Architect—None.
Contractor — John A. Bischoff, 2717 Russell, Berkeley.
Filed March 6, 1924 Dated March 4, '24
Ready for plaster.....$500
Plastered 500
When complete ..... Final
TOTAL COST, ——,
10% entire cost as presented by Contractor.
Bond, Sureties, Forfeit, none. Limit, 120 days. Plans and Specifications filed.

APARTMENTS
(1226) N SIDE E 21ST STREET 100 ft. E of 5th Ave., Oakland. Apartment bldg., 3 4-room and 1 5-room, 3 garages and 4 lockers.
Owner—Chas. J. Rhein, 1426 Franklin, Oakland.
Architect—None.
Contractor — Harry C. Knight, 1426 Franklin, Oakland.
Filed Mar. 6, 1924. Dated Feb. 7, 1924.
Roof on $4000
Coat Plaster 6000
Accepted 5700
Usual 35 days 2000
TOTAL COST, $17,700
Bond, Sureties, Forfeit, none. Limit, 90 days aft r laying mud sills. Plans and Specifications filed
NOTE—Permit reported Feb. 28, 1924 No. 1014.

DWELLING
(1227) NO. 1113 BLAKE ST., Berkeley One-story 6-room dwelling.
Owner—Stasic Frunzillo 2020 5th St., Berkeley.
Architect—None.
Contractor — Eaton & Johnson, 2506 San Pablo Ave., Berkeley. $3000

DWELLINGS
(1228) NO. 1849 AND 1859 CATALINA Ave., Berkeley. Two two-story 6-room dwellings.
Owner—Mabel M. Bramlage, 649 Arlington Ave., Berkeley.
Architect—W. A. Doctor
Contracter—E. D. Bramlage, 649 Arlington Ave., Berkeley. $4750 ea

DWELLING
(1229) NO. 529 SANTA BARBARA ST., Berkeley. One-story 5-room dwlg. and garage.
Owner—Anna M. Clark, 2708 Stuart St., Berkeley.
Architect—None.
Contractor — C. M. Norgrove, 2220 Roosevelt St., Berkeley. $5000

DWELLING
(1230) NO. 746 CRAGMONT AVE., Berkeley. One-story 6-room dwlg.
Owner—E. N. Bertheand, 1055 Sierra St., Berkeley.
Architect—None. $3750

DWELLING
(1231) NO. 2812 ELLSWORTH, Berkeley. One-story 5-room dwelling.
Owner—A. J. Pollard, 77 Plaza Drive, Berkeley.
Architect—None. $3000

DWELLING
(1232) NO. 2928 FLORENCE ST., Berkeley. Two-story 10-room dwelling. 2 garages and 2 stores.
Owner—M. and S. M. Gillespie, 2906 Regent St., Berkeley.
Architect—E. Field.
Contractor—M. G. Gillespie, 2906 Regent St., Berkeley. $8000

DWELLING
(1233) NO. 1310 HASKELL ST, Berkeley. One-story 5-room dwelling
Owner—Hjalmar Carlson, 1312 Haskell St., Berkeley.
Architect—None. $2500

ADDITION
(1234) NO. 1035 OXFORD ST., Berkeley. One-story 6-room addition to dwelling.
Owner—H. F. Hind, 1425 Milvia St., Berkeley
Architect—None. $1500

STORES, ETC.
NO. 2065-2067 CENTER ST., Berkeley. One-story (2) stores and warehouse.
Owner—F. L. Naylor Jr, 2200 Durant Ave., Berkeley.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—Conner & Conner, 1726 rove St., Berkeley. $15,690
NOTE:—Recorded contract reported March 5, 1924, No. 1173.

STORE & APTS.
(1235) NW COR. FRUITVALE AVE. and E 27th St., Oakland. 2-story 8-room store and apartments.
Owner—F. J. Schultz, 2709 Fruitvale Ave., Oakland.
Architect—None.
Contractor — A. Frederick Anderson, 2800 Delaware St., Oakland. $12,288

DWELLING
(1236) N KEITH AVE. 367 E Pryal, Oakland. 1-story 5-room dwlg.
Owner — C. M Snyder, 391 60th St., Oakland.
Architect—None.
Contractor — Morgansen Bros., 5664 Broadway, Oakland. $4500

DWELLING
(1237) 1068 LAKESHORE AVE., Oakland. 1-story 5-room dwlg.
Owner—D. G. O'Harra.
Architect—None.
Contractor—M T. Sommarstrom, 738 E 17th St., Oakland. $5500

(1238) E SIXTH AVE. 50 S E-19TH St., Oakland. 1-story 4-room dwelling.
Owner—Jenie Coffey, 562 27th St., Oakland.
Architect—None.
Contractor—O. F. Lyon, 524 San Fernando, Oakland. $3000

SIGN
(1239) NW COR 15TH AND CLAY, Oakland. Electric sign.
Owner — John Breuner Co., 15th and Clay, Oakland.
Architect—None.
Contractor — Brumfield Electric Co., 802 E 12th St., Oakland. $1000

(1240) 824 E EIGHTEENTH ST., Oakland. Alterations.
Owner—C. F Lewis, prem.
Architect—None.
Contractor—Mirvin P. Rose, 940 Oxford St., Berkeley. $1000

ADDITION
(1241) 577 THIRTY-FIRST ST., Iakland. Addition.
Owner—Dr. Geo. E. Kluman, 573 31st St., Oakland.
Architect—None. $1000

DWELLING
(1242) 2550 THIRTY-FIFTH AVE., Oakland. 1-story 8-room dwlg.
Owner—G. A. Wineganer, prem.
Architect—None.
Contractor—J. L. Barhan, 962 Apgar St., Oakland $5750

DWELLING
(1243) SE CIR. FIFTY-EIGHTH AVE. and Tevis St., Oakland. 1-story 4-room dwlg.
Owner—Jas. P. Rich, 830 13th St., Oakland.
Architect—None.
Contractor—John A. McCormick, 1178 58th Ave, Oakland. $2500

(1244) W SIXTY-SIXTH AVE., 550 N Trenor, Oakland. 1-story 5-room dwelling.
Owner — Joe Schoenfeld Joseph, 526 Valle Vista, Iakland.
Architect—None
Contractor—Chas. D. Lyon, 22 Murdock Court, Oakland. $3500

DWELLING
(1245) 1007 NINETY-SECOND AVE., Oakland. 1-story 3-room dwlg.
Owner—W. B. Block, 1731 103rd Ave., Oakland.
Architect—None.
Contractor—G. E. Nickerson, 1316 97th Ave., Oakland. $1500

DWELLINGS
(1246) 1439-43-47, SEVENTY - SECOND Ave.; 1642-46-50-54, SEVENTY-SECOND Ave., Oakland. Seven 1-story 5-room dwellings.
Owner—E. M Marquis, 2827 Russell St., Berkeley.
Architect—None. $2700 each.

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DWELLINGS
(1247) 1637-41-45-49 SEVENTY-SECOND Ave., Oakland. Four 1-story 4-room dwellings.
Owner—E. M. Marquis, 2827 Russell St. Berkeley.
Architect—None. $2500 each.

DWELLING
(1248) W SEVENTY-EIGHTH AVE. 100 N Alder, Oakland. 1-story 4-room dwelling.
Owner—W. J. Heilsen, ——.
Architect—None.
Contractor—Louis E. Van Ness, 4920 Park Blvd., Oakland. $3500

STORE
(1249) W SAN PABLO AVE., 200 N 32nd St, Oakland. 1-story brick store.
Owner—V. D. DeMeyer, Henshaw Bldg. Oakland.
Architect—None.
Contractor — H. J. Christensen, 505 17th St., Oakland. $10,000

DWELLING
(1250) S SANTA RAY 560 E CALMAR, Oakland. 1½-story 6-room dwlg.
Owner—L V. Gelder, 5308 Manila Ave., Oakland.
Architect—None.
Contractor—H. A. Moe, 4116 Allendale Ave., Oakland. $5500

REPAIRS
(1251) 2888 FORD ST., Oakland. Fire repairs.
Owner—Sinao De Souza, prem.
Architect—None. $1300

BUNGALOW, STORE
(1251) LOTS 4 AND 5, BLK. 8, Map of Electric Loop, Brooklyn Tp, Oakland. One-story 6-room Bungalow store, building complete.
Owner—Fedele & Mary Difiore, Oakland.
Architect—None.
Contractor—A. E. Correia and C. L. Chappell, 3258 Logan, Oakland.
Filed Mar. 6, 1924. Dated Mar. 3, 1924.
Frame up, roof on $843.75
Walls plastered 843.75
Completed 843.75
Usual 35 days 843.75
TOTAL COST, $3375.
Bond, Sureties, Forfeit, none. Limit, 90 days. Plans and Specifications filed.

CHURCH AND RECTORY
(1253) NE COR. BERRYMAN AND Milvia Sts, Berkeley. Building church and rectory.
Owner—The Roman Catholic Archbishop of San Francisco, San Francisco.
Architect—Beezer Bros., 1915 Steiner St, San Francisco.
Contractor — John P. Brennan, 1519 Hearst St., Berkeley.
Filed March 5, 1924. Dated Mar. 4, 1924.
Com. for roofs .....¼
Plastering complete .....¼
Completed .....¼
Usual 35 days .....¼
TOTAL COST, $33,480
Bond, $16,740 Sureties, Fidelity and Deposit Co. of Md. Forfeit, none. Limit, 106 days. Plans and Specifications filed.

ALTERATIONS
(1254) NO. 1720 BROADWAY, Oakland. Alterations.
Owner—Thos. Day Co., Premises.
Architect—None.
Contractor—M. I. Diggs, 1901 Telegraph Ave., Oakland. $1400

DWELLING
(1255) S BROOKDALE 150 E Renwick, Oakland. One-story 5-room dwelling.
Owner—H E. Myers, 1424 48th Ave., Oakland.
Architect—None. $4200

STORES
(1256) SW CLAREMONT & FORREST Oakland. One-story stores.
Owner—F. C. Koerber, Ashby and College Aves., Berkeley.
Architect—None.
Contractor — Berkeley Bldg. Co., 2029 Shattuck Ave, Berkeley. $8000

DWELLING
(1257) NO. 2596 MAXWELL AVE., Oakland. One-story 5-room dwlg.
Owner — A. J. Flagg, 3046 Seminary Ave., Oakland.
Architect—None. $4000

WHARF, ETC.
(1258) FIRST AND MARKET, Oakland. Wharf and slips.
Owner—Howard Co., Premises.
Architect—None.
Contractor — Healey-Tibbitts Constr. Co., 64 Pine St., S. F. $12,000

ADDITION
(1259) NO. 4790 MELDON AVE., Oakland. One-story addition.
Owner—Mrs. C. L. Rogers, Prem.
Architect—None.
Contractor—C. L. Rogers. $2000

DWELLING
(1260) E SEMINARY AVE 185 S Brown, Oakland. One-story five-room dwelling
Owner—L. C. Kimball, 5841 Foothill Blvd., Oakland.
Architect—None. $4000

GARAGE
(1261) E TELEGRAPH AVE 80 S Rose, Oakland. One-story brick garage
Owner—Minnie M. Rothrock, 5928 Telegraph Ave., Oakland.
Architect—None.
Contractor—P. O. Rothwell. $1500

STORES
(1262) NE E-FOURTEENTH AND 78th Ave., Oakland. One-story stores.
Owner—D. J. Happ, 2406 23rd Ave., Oakland.
Contractor—G. W. Howson, 1870 38th Ave., Oakland. $2000

FLATS
(1263) W FIFTY-FIRST AVE 100 S E-14th St., Oakland. Two-story 8-room flats.
Owner—P. Franshold, 1314 51st Ave., Oakland.
Architect—None.
Contractor—G. O. Hunter, 1337 51st Ave., Oakland. $6000

DWELLING
(1264) S SIXTY-FIRST 90 E Genoa, Oakland One-story 4-room dwlg.
Owner—S. M. Gault, 6027 Genoa St Oakland.
Architect—None. $2500

DWELLING
(1265) W EIGHTY-EIGHTH AVE 100 N Olive, Oakland. One-story 5-room dwelling.
Owner—M. O'Connell, 3121 Filbert St., Oakland.
Architect—None
Contractor—F. H. Carr, 2341 35th Ave. Oakland. $3000

DWELLING
(1266) NO. 1169 SPRUCE ST., Berkeley. One-story 6-room dwelling.
Owner—H. Seekamp, 1609 Boneta St., Berkeley.
Architect—None.
Contractor—O. H. Butzke, 1315 66th St, Berkeley. $5500

DWELLING
(1267) NO. 83 MENLO PLACE, Berkeley. One-story 5-room dwelling.
Owner—Walter McClenahan, 333 16th Ave., San Francisco.
Architect—Miller & Warnecke, 414 13th, Oakland.
Contractor—J. W. Monroe, 5538 Claremont Ave., Oakland. $4580

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DWELLING
(1268) NO. 1511 ALLSTON, Berkeley. One-story 5-room dwelling.
Owner—L. H. Lature, 2074 Allston St., Berkeley.
Architect—None.
Contractor — D. B. Roby & Son, 2428 Jefferson St., Berkeley. $3500

DWELLING
(1269) NO. 1135 VIRGINIA ST., Berkeley. One-story 5-room dwelling.
Owner—Edna E. Fluth, 1608 McGee Ave., Berkeley.
Architect—None.
Contractor—J. H. Fluth, 1608 McGee Ave., Berkeley. $3000

DWELLING
(1270) NO. 2100 LOS ANGELES ST., Berkeley. Two-story 6-room dwlg.
Owner—C. J. Krieger, 2513 Keith St., Berkeley.
Architect—None. $5000

DWELLING
(1271) NO. 2443 SPAULDING ST., Berkeley One and one-half-story 4-room dwelling.
Owner—Mrs. Ida Kaipainen, 1036 Grayson St., Berkeley.
Architect—None.
Contractor — J. A. Johnson, 1635 62nd St., Berkeley. $2500

STORE FRONT
(1272) NO. 2307 TELEGRAPH AVE., Berkeley. Store front
Owner—Herman Rosenberg, 6309 Dana St., Berkeley.
Architect—None.
Contractor—G. L. Bernhard, 2168 Shattuck Ave., Berkeley. $1200

(1273) 1439 BARROWS RD., Oakland. 1-story 5-room dwelling.
Owner—L. Metzner, 585 40th St., Oakland.
Architect—None.
Contractor—B. C. Taylor, 1621 10th Ave Oakland. $3000

ROOF SIGN
(1274) E FRANKLIN 20 N 15th St., Oakland. Roof sign.
Owner—Colonial Cafeteria 150 Franklin St., Oakland.
Architect—None.
Contractor—Federal Elec. Co. Emeryville. $1500

DWELLING
(1275) 2807 FRUITVALE AVE., Oakland. 1-story 5-room dwelling.
Owner—Fred Clausen, 1506 28th Ave., Oakland.
Architect—None. $4000

DWELLING
(1276) 2041 HIGH ST., Oakland. 1-story 5-room dwelling.
Owner — L. Immoos, 3231 E-10th St., Oakland.
Architect—None.
Contractor—S. Sandar, 3221 E-10th St., Oakland. $3500

DWELLING
(1277) S HILLCREST AVE 462 W Marlin, Oakland. 1-story 4-room dwelling.
Owner — H. Hamilton, 8901 Hillcrest Ave., Oakland.
Architect—None.
Contractor—J. B. Hamilton, 8901 Hillcrest, Oakland. $2000

DWELLINGS
(1278) 6002-12-18-24 MONROE AVE., Oakland. Four 1-story 7-room dwellings and garages.
Owner—Geo. H. Holledge, 5421 Manila St., Oakland.
Architect—None. $5400 each

DWELLING
(1279) 6000 MONROE AVE., Oakland. 1-story 7-room dwelling.
Owner—Geo. H. Holledge, 5421 Manila Ave., Oakland.
Architect—None. $5500

DWELLINGS
(1280) W PALTON ST. 130 170 S Chabot Rd., Oakland. Two 1-story 5-room dwellings.
Owner—L. L. Lucas, 2201 Ashby Ave., Berkeley.
Architect—None. $3500 each

DWELLING
(1281) E PERALTA AVE. 145 S Paxton, Oakland. 1-story 5-room dwlg.
Owner—E. F. Grady, 3626 Lyon Ave., Oakland.
Architect—None. $3000

DWELLING
(1282) E RANDOLPH AVE. 125 S E-38th St., Oakland. 1-story 4-room dwelling.
Owner—Hannah Ohlson, 3754 Randolph Ave., Oakland.
Architect—None.
Contractor—N. E. Lindquist, 2235 Bancroft Way, Berkeley. $2400

STORE
(1283) S E-ELEVENTH ST. 60 E 10th Ave., Oakland. 1-story store.
Owner—H. W. Swetzer, 1015 E-11th St. Oakland.
Architect—None.
Contractor—John Brooks, 1015 E-11th St., Oakland. $2000

DWELLING
(1284) S 47TH ST 800 W Shattuck, Oakland. 1-story 5-room dwlg.
Owner—G. Angeli, 580 46th St., Oakland.
Architect—None.
Contractor—P. Benassini, 5111 Miles Ave., Oakland. $3400

ALTERATIONS
(1285) SW COR 60TH AVE & Scenic Way, Oakland. Alterations.
Owner—Mrs. J. G. Sellman, 5457 Brookdale, Oakland.
Architect—None.
Contractor—C. G. Sellman, 5803 Foothill Blvd., Oakland. $1500

DWELLING
((1286) N 62ND ST 600 E Herzog, Oakland. 1-story 5-room dwelling.
Owner—T. Jensen, Oakland.
Architect—None.
Contractor—A. C. Sorensen, 1015 62nd St., Oakland. $4000

DWELLING
(1287) W 67TH AVE 105 N Arthur, Oakland. 1-story 6-room dwlg.
Owner—E. Maasberg, 1420 Wellington Ave., Oakland.
Architect—None. $4000

DWELLING
(1288) W 83RD AVE 350 S A St., Oakland. 1-story 3-room dwelling.
Owner—A. Pacheco, 3736 High St., Oakland.
Architect—None.
Contractor—F. E. Vaughan, 5781 Calaveras Ave., Oakland $1500

CHURCH
NW COR 58TH & Racine Sts, Oakland, 1-story church.
Owner—German Evangelical Church, prem.
Architect—None.
Contractor—C. H. Lawrence, 5321 Lawton Ave., Oakland. $13800
NOTE—Recorded contract reported Mar. 3, '24. No. 1110.

PAINTING, ETC.
(1289) ALAMEDA CO. TITLE INS. Bldg., 14th and Franklin, Oakland. Complete interior and exterior painting and decorating.
Owner—The A. C. T. I. Co. Bldg. Corporation.
Architect—C. W. McCall & C. T. Davis, Central Bank Bldg., Oakland.
Contractor — Dinwiddie Const. Co., Crocker Bldg., S. F.
Filed Mar. 10, 1924. Dated Jan. 23, 1924.
Each month 75%
Usual 35 days .....Balance
TOTAL COST, $5819.
Bond, Sureties, Forfeit, none. Limit, 45 days. Plans and Specifications not filed.

DWELLING
(1290) LOT 6 BLK 1 BAY FARM ISland, Alameda. 1-story 4-rm dwlg.
Owner—E. B. & A. L. Stone, 840 Claus Spreckels Bldg., San Francisco.
Architect—None. $2850

DWELLING
(1291) BAY FARM ISLAND, Alameda. 1-story 4-room dwelling.
Owner—E. B. & A. L. Stone, 884 Claus Spreckels Bldg., San Francisco.
Architect—None. $2450

DWELLING
(1292) 3211 BAYO VISTA, Alameda. 1-story 5-room dwelling.
Owner — Alameda Inv. Co., Syndicate Bldg., Oakland.
Architect—None. $4000

DWELLING
(1293) 3207 BAYO VISTA, Alameda 1-story 5-room dwelling.
Owner—Alameda Invest Co., Syndicate Bldg., Oakland.
Architect—None. $4000

DWELLING
(1294) 3217 BAYO VISTA, Alameda. 1-story 5-room dwelling.
Owner—Howard Willeford, 3265 Central Ave., Alameda.
Architect—None. $4200

DWELLING
(1295) 3242 FERNSIDE BLVD., Alameda. 1-story 5-room dwelling.
Owner—Alameda Invest Co., Syndicate Bldg., Oakland.
Architect—None. $4000

GARAGES
(1296) 1906 HIGH ST. (1) 3207 BAYO Vista (2) 3212-16-20-22-26-30-34-38 42 Bernside Blvd. (9) garages (12).
Owner—Alameda Invest. Co., Syndicate Bldg., Oakland.
Architect—None. $2580

DWELLING
(1297) 1906 HIGH ST., Alameda. 1-story 5-room dwelling.
Owner—Alameda Invest. Co., Syndicate Bldg., Oakland.
Architect—None. $4000

DWELLING
(1298) 544 LINCOLN AVE, Alameda. 1-story 5-room dwelling.
Owner—West End Bldg. Assn., Webster St., Alameda.
Architect—None.
Contractor — Howard Willeford, 3265 Central Ave., Alameda. $3600

DWELLING
(1299) 540 LINCOLN AVE., Alameda. 1-story 5-room dwelling.
Owner—West End Bldg. Assn., Webster St., Alameda.
Architect—None.
Contractor — Howard Willeford, 3265 Central Ave., Alameda. $3600

FINISHING
(1300) 1512 PARK ST., Alameda. Finishing.
Owner—C. Siem, premises.
Architect—None.
Contractor—Siem & Marcus, 1512 Park St., Alameda. $2600

DWELLING
(1301) 1034 PEARL, Alameda. 1-story 7-room dwelling.
Owner—G. H. Noble, 1334½ Park St., Alameda.
Architect—None. $5000

DWELLING
(1302) 722 TAYLOR AVE., Alameda. 1-story 6-room dwelling.
Owner—Mrs. J. Bruzzone, Pacific Ave. near Webster, Alameda.
Architect—None.
Contractor — A. W. Almquist, 442 B 48th St., Alameda. $5900

DWELLING
(1303) 3278 THOMPSON, Alameda. 1-story 5-room dwelling.
Owner—R. S. Salisbury, 2418 Central Ave., Alameda.
Architect—None.
Contractor—Sam Lee, 1801 Lafayette St., Alameda. $4000

DWELLING
(1304) 1314 WEBER, Alameda. 1-sto. 6-room dwelling.
Owner—Reite Bros., 558 Haight Ave., Alameda.
Architect—None. $3500

APARTMENTS
(1305) 2161 SAN ANTONIO, Alameda. 2-story 12-room apts. & garage.
Owner — Anna Westphal, 740 Santa Clara Ave., Alameda.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. $12,750

ALTERATIONS
(1306) NO. 2141 ROSE ST., Berkeley. Alterations.
Owner—W. T. Martin, 2141 Rose St., Berkeley.
Architect—None.
Contractor—Berkeley Bldg. Co., 2029 Shattuck Ave., Berkeley. $1000

FLATS
(1307) NO. 1641 SHATTUCK AVE., Berkeley. Two-story 12-room flats
Owner—Alvaretto L. McNulty, Oxford Apartments, Berkeley.
Architect—None.
Contractor—J. W. Jessiman, 230 7th Ave., San Francisco. $9500

DWELLING
(1308) NO. 1500 RUSSELL ST., Berkeley. One-story 5-room dwelling.
Owner—W. W. Owens, 2761 Park St., Berkeley.
Architect—None. $3000

DWELLING
(1309) NO. 1512 PRINCE ST., Berkeley One-story 5-room dwelling and garage.
Owner—Jas. McGuinness, 1515 Tyler St., Berkeley.
Architect—None. $2800

DWELLING
(1310) NO. 1514 PRINCE ST., Berkeley. One-story 5-room dwelling & garage.
Owner—Jas. McGuinness, 1515 Tyler St., Berkeley.
Architect—None. $2800

DWELLING
(1311) NO. 1256 VIRGINIA ST., Berkeley. One-story 5-room dwellong
Owner—N. C. Jensen, 1254 Virginia St., Berkeley.
Architect—None. $3400

DWELLING
(1312) NO. 1222 NEILSON, Berkeley. One-story 5-room dwelling and garage.

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY
(THE SAN FRANCISCO BANK)
SAVINGS COMMERCIAL
INCORPORATED FEBRUARY 10th, 1868.
One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.
Member Associated Savings Banks of San Francisco
526 California Street, San Francisco, Cal.
DECEMBER 31st, 1923
Assets..... $89,174,468.57
Capital, Reserve and Contingent Funds..... 3,850,000.00
Employees' Pension Fund..... 430,275.37
MISSION BRANCH.....Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....Haight and Belvedere Streets
WEST PORTAL BRANCH.....West Portal Ave. and Ulloa St.
Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

Owner—J. A. Bonquet, 5842 Valle Vista Ave., Oakland.
Architect—None.
Contractor—C. H. McKibben, 2929 Broadway, Oakland. $3000

DWELLING
(1313) NO. 1224 NEILSON ST., Berkeley. One-story 5-room dwelling and garage.
Owner—J. A. Boquet, 5842 Valle Vista Ave., Oakland.
Architect—None.
Contractor — C. H. McKibben, 2929 Broadway, Oakland. $300

STORE
(1314) NO. 2169 SHATTUCK AVE., Berkeley. Hardware store.
Owner—Not Given.
Architect—None.
Contractor—G. L. Bernhardt, 2168 Shattuck Ave, Berkeley. $1000

DWELLING
(1315) 1521 EIGHTIETH AVE., Oakland. 1-story 4-room dwelling.
Owner—Wm. H. Sims, 1940 42nd Ave., Oakland.
Architect—None. $2800

DWELLING
(1316) W NINETY-SECOND AVE. 60 & 90 S Holly, Oakland. 2 1-story 5-room dwellings.
Owner — John Blitch, 1445 92nd Ave., Oakland.
Architect—None.
Contractor—A. T. Anderson, 2248 62nd Ave., Oakland. $3000 each

DWELLING
(1317) E ONE HUNDRED EIGHTH Ave. 225 N Bancroft Way, Oakland 1-story 5-room dwelling.
Owner — Ernest Read, 4834 Foothill Blvd., Oakland.
Architect—None. $3000

ADDITION
(1318) 2817 FILBERT ST., Oakland. 2-story addition.
Owner—F. W. Gartner, premises.
Architect—None.
Contractor — C. Armstrong, 952 28th St., Oakland. $2000

DWELLING
(1319) N FORTY-THIRD ST. 200 E Market, Oakland. 1-story 4-room dwelling.
Owner—D. Ranieri, 4125 Market St., Oakland.
Architect—None. $2200

DWELLING
(1320) N E-TWENTIETH ST. 75 W 24th Ave., Oakland. 1-story 5-room dwelling.
Owner—S. J. Watkins, 2151 E-24th St., Oakland.
Architect—None.
Contractor—G. Watkins, 2151 E-24th St Oakland. $3500

ADDITION
(1321) 746 FORTY-SEVENTH ST., Oakland. Addition.
Owner—G. Poggio, premises.
Architect—None.
Contractor — P. Benassini, 5111 Miles Ave., Oakland. $1200

DWELLINGS
(1322) 1084 1085 FIFTY-THIRD ST., Oakland. 2 1-story 5-room dwlgs.
Owner—F. K. Locke, 1081 53rd St, Oakland.
Architect—None.
Contractor — C. E. Burks, 4129 Randolph, Oakland. $3000 each

DWELLINGS
(1323) 2138 2144 SIXTY-FIFTH AVE., Oakland. 2 1-story 5-room dwlgs.
Owner—W. A. Croll, 1921 69th Ave., Oakland.
Architect—None. $3500 each

DWELLING
(1324) N OCTAVIA ST. 50 W Porter St., Oakland. 1-story 4-room dwlg.
Owner—Melrose Realty Co., 4566 E-14th St., Oakland.
Architect—None.
Contractor—Foreman & Cox 4330 Pampas Ave., Oakland. $2300

DWELLING
(1325) N SANTA RAY AVE. 140 Paloma, Oakland. 1-story 5-rm dwlg.
Owner — J. Floyd Perry, 376 Santa Clara, Oakland.
Architect—None. $3500

ALTERATIONS
(1326) SW COR. THIRTEENTH AND Broadway, Oakland. Alterations.
Owner—The Owl Drug Co., 13th and Broadway, Oakland.
Architect—None.
Contractor—Oliver Duval & Son, 216 Dalziel Bldg., Oakland. $15,000

DWELLING
(1327) S ASHMOUNT 500 W Mandana Blvd., Oakland. 2-story 6-room dwelling and garage.
Owner—F. T. Malley, 900 Lakeshore, Oakland.
Architect—None. $9500

(DWELLINGS
(1328) 1827-33-39 SIXTY-NINTH AVE Oakland. 3 1-story 5-room dwlgs. and garages.
Owner—W. A. Croll, 1921 69th Ave., Oakland.
Architect—None. $3625 each

FRAME BLDG.
(1329) SW 33 FT. 4 IN. LOTS 3, 4, 5, Blk. 4, Map of Sub. of the NE por. of the S Tract, Fruitvale, BrooklynTp., Oakland. Specified parts of 2-story frame bldg.
Owner—Abrams & Abile Toschi, 1233 40th Ave., Oakland.
Architect—None
Contractor — Theo. Bruck, 1236 40th Ave., Oakland.
Filed Mar. 11, 1924. Dated Mar. 8, 1924.
Frame up ..... ¼
Bldg enclosed ..... ¼
Plastering completed ..... ¼
Completed and accepted ..... ¼
TOTAL COST, $5030
Bond. Sureties, Forfeit, none. Limit, 90 days after March 10, 1924. Plans and Specifications filed.

FLATS
(1330) NE COR. EUCLID & HILGARD Aves., Berkeley. Bldg. complete except heating, 2-story flats.
Owner—Mrs. Allan C. Wright, 18 Alvarado Road, Berkeley.
Architect—W. H. Ratcliff, Jr., Mercantile Trust Bldg., Berkeley.
Contractor—D. Nordstrom, 4146 Emerald, Oakland.
Filed Mar. 11, 1924. Dated Mar. 10, 1924.
Frame up ..... ¼
First coat plaster on ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $21,980
Bond, $11,000. Sureties, National Surety Co. of N. Y. Forfeit, $5.00 per day. Limit, 90 days. Plans and Specifications filed.
NOTE—Permit reported Feb. 20, 1924 No. 853.

DWELLING
(1332) NO. 2599 BUENA VISTA WAY, Berkeley. Two-story 6-room dwlg.
Owner—Mrs. D. R. Hood.
Architect—J. K. Ballantine, 2578 Buena Vista Ave., Berkeley.
Contractor—H. H. Porter, 833 Oxford Ct., Berkeley. $5000

DWELLING
(1333) NO 1617 CARLTON ST., Berkeley. One-story 5-room dwlg.
Owner—Ed. Heafey, 527 Santa Ray, Oakland.
Architect—None.
Contractor—J. P. Gallagher, 5604 High St., Oakland. $3000

DWELLING
(1334) NO. 1530 COMSTOCK ST., Berkeley. One-story 5-room dwlg.
Owner—Miss M. E. Blean, 2110 Hearst Ave., Berkeley.
Architect—None.
Contractor — W. C. Blean, 1428 78th Ave., Oakland. $3600

DWELLING
(1335) NO. 2420 OREGON ST., Berkeley. One-story 5-room dwelling.
Owner—H. C. Pfrang, 5659 Ocean View Drive, Berkeley.
Architect—None. $5000

DWELLING
(1336) NO. 1399 SCENIC WAY, Berkeley. Two-story 6-room dwelling
Owner—G Eriksen, 1910 Hearst Ave., Berkeley.
Architect—None. $3800

DWELLING
(1337) NO. 2618 HILGARD AVE., Berkeley. Two-storq 6-room dwelling and garage.
Owner—B. R. Bowron, 2030 Lincoln St., Berkeley.
Architect—None.
Contractor—S. F. Builders, Inc., 2007 San Pablo Ave., Berkeley. $12,000

DWELLING
(1338) NO. 828 CONTRA COSTA ST., Berkeley. Two-story 12-room dwelling.
Owner — Paul Thelan, 1936 Berryman St., Berkeley.
Architect — Julia Morgan, Merchants' Exchange Bldg., San Francisco.
Contractor — Conner & Conner, 1733 Francisco St., Berkeley. $17,500

DWELLING
(1339) W CHURCH ST. 175 N Beck Oakland. 1-story 5-room dwelling.
Owner — E. G. Wise, 1661 68th Ave., Oakland.
Architect—None.
Contractor—Oakland Bldrs., 1661 68th Ave., Oakland. $3000

DWELLING
(1340) N DERBY ST. 100 W 98th Ave Oakland 1-story 3-room dwelling.
Owner—J. T. Best, premises.
Architect—None. $2000

DWELLING
(1341) NE COR. DAKOTA & LAUREL Ave., Oakland. 1-story 5-room dwlg
Owner—P. N. Rompelman, 1805 Fruitvale Ave., Oakland.
Architect—None. $3500

DWELLING
(1342) NE COR. HADDON RD. AND Prospect Ave., Oakland. 2-story 10-room dwelling.
Owner—H. G. Menge, 6209 Hayes St., Oakland.
Archtiect—None.
Contractor — Edwin D. Isakson, 3064 Dellview, Oakland. $8000

DWELLING
(1343) 287 HANOVER (rear), Oakland. 1-story 4-room dwelling.
Owner—Mrs. C. Millett.
Architect—None.
Contractor—C. R. Squires, 1451 Seminary Ave., Oakland. $3200

DWELLING
(1344) E HAVENSCOURT BLVD 320 N Avenal, Oakland. 1-story 5-room dwelling.
Owner—Thos. Lawson, 2520 13th Ave., Oakland.
Architect—None. $4800

ADDITION
(1345) 206 OAKLAND AVE., Oakland. Addition.
Owner — J. R. Tallman, 384 17th St., Oakland.
Architect—None.
Contractor—C. O. Bradhoff, 911 55th St Oakland. $1500

ALTERATIONS
(1346) 412 OAKLAND AVE., Oakland. Alterations.
Owner—Mrs. Harley Pope, premises.
Architect—None. $2000

DWELLING
(1347) S SUNNYSIDE ST. 140 E 99th Ave., Oakland. 1-story 4-rm dwlg.
Owner—Geo. Gilbert, 701 11th St., Oakland.
Architect—None. $2000

ADDITION
(1348) 569 3RD ST., Oakland. 1-story addition.
Owner—Oak. Machinery Co., prem.
Architect—None.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland. $1485

STORE
(1349) NE COR 35TH AVE & Galindo St., Oakland. 1-story store.
Owner—Peter Resch, 35th & Galindo, Oakland.
Architect—None.
Contractor—H. T. McKallar, Oakland. $1500

DWELLING (2)
(1350) N 45TH ST 390-415 W West St., Oakland. 1-story 4-rm. dwlg. (2)
Owner—A. Kinnen, 1536 Tyler St., Oakland.
Architect—None. $2800 each

DWELLING
(1351) E 60TH AVE 160 S Fortuna Way, Oakland. 1-story 6-room dwelling.
Owner—C. Foster, 1176 32nd St., Oakland.
Architect—None. $3800

DWELLING
(1352) W 61ST AVE 120 S Eastman, Oakland. 1-story 4-rm. dwelling.
Owner—W. W. Heltman, 1751 68th Ave., Oakland.
Architect—None. $1800

DWELLING
(1353) N 62ND ST 40 E Sacramento, Oakland. 1-story 5-room dwlg.
Owner—J. T. Hinch, 407 Foothill Blvd., Oakland.
Architect—None. $3000

DWELLING
(1354) W 68TH AVE 100 S Arsenal, Oakland. 1-story 5-room dwelling.
Owner—H. Parsons, 68th Ave., Oakland.
Architect—None.
Contractor—S. H. Whler, 1616 41st Ave Oakland. $3200

DWELLING
(1355) W 68TH AVE 170 S Avenal, Oakland. 1-story 5-room dwlg.
Owner—H. Parsons, 1839 68th Ave., Oakland.
Architect—None.
Contractor—S. H. Whler, 1616 68th Ave Oakland. $3200

DWELLING
(1356) W 80TH AVE 230 NE 14th St., Oakland. 1-story 7-room dwlg.
Owner—Walter B. Dickie, 917 62nd St., Oakland.
Architect—None. $5000

DWELLING
(1357) 1527 98TH AVE., Oakland. 1-story 6-room dwelling.
Owner—C. Frank, 9701 E 14th St., Oakland.
Architect—None.
Contractor—G. E. Nickersen, 1316 97th Ave., Oakland. $3000

APARTMENTS
(1358) 289-95 HANOVER AVE., Oakland. 2-sto. 6-room apts. (4) and garage.
Owner—Mrs. C. Milletts, —.
Architect—None.
Contractor—C. R Squires, 1451 Seminary Ave., Oakland. $16,600

ALTERATIONS
(1359) N E-14TH ST. 50 W 89TH AVE Oakland. Re-construct theatre & stores.
Owner—Junior Monarch Hay Press Co., San Leandro.
Architect—A. W. Cornelius, Merchants National Bank Bldg., Oakland. $45,000

LIBRARY
NO. 2940 BENVENUE AVE., Berkeley. One and two-story library building
Owner—City of Berkeley.
Architect—J. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor — Conner & Conner, 1726 Grove St., Berkeley. $21,050
NOTE:—Recorded contract reported March 7, 1924, No. 1196.

DWELLING
(1360) LOT 8 BLK. 17, Map of Daley's Scenic Park, Berkeley. Building 6-room dwelling.
Owner—Bernard Roy & Alice Winfree Bowron, 2620 Hilgard, Berkeley.
Architect—None.
Contractor—The S. F. Bldrs., Inc., San Francisco.
Filed Mar. 11, 1924. Dated Mar. 3, 1924
Ensealing and delivery .....$ 500
As work progresses 7450
Usual 35 days 1000
TOTAL COST, $8950
Bond, $5000. Sureties, R. B. Chandler and Chas. B. Mills. Forfeit, $3 per day. Limit, 90 days after Mar. 6, 1924. Plans and Specifications filed.

DWELLING
(1361) LOT 149 AND ADJ. N 20 LOT 148, Fuller & Todd Tract, Oakland. 7-room dwelling with basement & garage in basement.
Owner—Mrs. Elsie Ernestine Allen, Oakland.
Architect—None.
Contractor — Walter B. & Myrtle E. Dickie, 917 62nd St., Oakland.
Filed Mar. 11, 1924. Dated Mar. 10, 1924.
Cash down $500
Frame up 250
Plastered 250
Completed 250
Owner assumes 1st loan on property of $3500. Contractor, 2nd deed of trust for $2000; payable $45 or more per month including int. at 7% on 1st and 2nd deed of trust.
TOTAL COST, $6570
Bond, Sureties, Forfeit, none. Limit, 90 days after March 10, 1924. Plans and Specifications filed.

ELECTRICAL WORK
(1362) EMERYVILLE PLANT PROP bounded by Powell, Landregan and Peladeau Sts., Emeryville. Electrical work for 3-story con. bldg. and a steel bldg
Owner—Westinghouse Elec. & Mfg. Co. of E Pittsburgh, Penn.
Architect—Bernard H. Prack, 801 Keystone Bldg., Pittsburgh, Penn.
Contractor—Mellman Elec. Co., Oakland.
Filed Mar. 12, 1924 Dated Feb. 21, 1924.
10th of each month 75%
Completed 75%
Usual 35 days .....Balance
TOTAL COST, $12,100
Bond, $12,100. Sureties, National Surety Co. Forfeit, Limit, none. Plans and Specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Amount

March 6, 1924—PLAT OF PART OF Rancho de San Antonio, finally confirmed to Ygnacio Peralta, San Leandro. C. P. Dipaola to C. M. Flewelling ..... Mar. 3, 1924
March 6, 1924—1244 72ND AVE., Oakland. Lena Harris to whom it may concern ..... March 6, 1924
March 6, 1924—3212, 3216 SAN PABlo Ave., Oakland. Richard A. Kronke to Ben Pearson. March 3, 1924
March 6, 1924—SE COR. 15TH AND Franklin Sts., Oakland. Thos. S. Williams to Shaw & Watson..... ..... March 3, 1924
March 5, 1924—LOT A. BLK. 1, map of Hayward Heath, Re-sub. of lots 5 and 6, Blk. 10, Lots 8 to 20 inc., Blks. 19, Lots 2 to 16 inc., Blk. 18 Hayward Home Farm Tract, Eden Tp., Alameda Co. Clement F. Klaren to E. A. Hartley ....Feb. 26, 1924
March 5, 1924 — NW COR. SANTA Clara and Willow St., Alameda. Mrs. Ella F. Russell to Thos. Rutherford ..... March 4, 1924
March 5, 1924 — 905 SPRUCE ST., Berkeley. Mabel M. Bramlage to E. D. Bramlage .....March 1, 1924
Mar. 6, 1924—SE MISSION 140 03 SW 11th SW 75 87 165-4½ NE 74-11¾ NW 165-5¾. Jacob, Herman, Maurice and Harriet D Herbst to Larsen Siegrist Co.....Jan. 23, 1924
Mar. 6, 1924—E TWENTY-SIXTH AV 100 S Irving 50x120. Max K Kallo to whom it may concern..Mar. 5, 1924
Mar. 6, 1924—NW JACKSON AND Laguna W 55xN 127-8¾. Jos E Levin to K E Parker Co..Mar. 1, 1924
Mar. 6, 1924—COM. 82-6 of E Int. NE Taylor and Derby E 35xN 60. Jos Musto Estate Co to Cahill Bros.... .....Mar. 5, 1924
Mar. 6, 1924—E HAROLD AVE 150 S Bruce Ave S 25xE 112-6 Lot 26 Blk B, Lakeview. The McCarthy Co to James Arfnott & Son..... .....Mar. 5, 1924
Mar. 6, 1924—SE HAYES AND Shrader. Emil Nelson to whom it may concern.....Mtr. 6, 1924
March 7, 1924.—1640-1642 LEROY Ave., Berkeley. Jane F. Jones to G. Johanson .....Feb. 27, 1924
March 7, 1924—28 MOSSWOOD RD. Berkeley. Chas. F. Masten to Curtis Wright ..... March 5, 1924
March 7, 1924 — 3006, 3012, 3018, 3024 California St., (4), Oakland. F. C. Duerr to Hewton-Duerr Construction Co. ..... March 7, 1924
March 7, 1924 — LOT 34, BLK. K, Fourth Ave. Terrace, Oakland. W. W. Landgrebe to whom it may concern ..... March 5, 1924
March 7, 1924—LOT 2, BLK. 3, Huff Estate Tract, San Leandro. Kunst & Borden to F. W. Borden. Mar. 7, '24.
March 7, 1924—LOT 5 AND NE 10 Lot 4, Blk. 11, Havenscourt, Oakland. Kunst & Borden to F. W. Borden ..... March 7, 1924.
March 7, 1924—LOT 6, BLK. 1, Map of Fruitvale Orchard Terrace, Brooklyn Tp., Oakland. Ernest T. Matteson to whom it may concern. ..... March 7, 1924
March 6, 1924—1—7TH ST. LINE AT Peralta, Broadway, Alice and Fallon; also at 23rd Ave. 2—14th and Franklin and 21st and Telegraph, Oakland. S. P. Co. to Hutchinson Co. ..... Feb. 16, 1924.
March 6, 1924—1768 SONOMA AVE., Berkeley. John O. Weston to whom it may concern .....March 1, 1924.
March 6, 1924—4716 MARKET ST., Oakland W. B. Kellogg to Harry C. Knight ..... Feb. 13, 1924.
March 6, 1924—38 VICENTE RD., Berkeley. Fannie A. March to whom it may concern ..Mar. 6, 1924.
March 6, 1924 — LOT 25, BLK. 3 Brookdale Terrace, Oakland. A M. Pike to whom it may concern.. ..... March 1, 1924
March 6, 1924—5826-24 MORSE DR., Oakland. Elbert Van Ness to whom it may concern..Mar. 6, 1924.
Mar. 8, 1924—PTN LOT 18 BLK 5 Map Case Tract, Berkeley. Viola D Gulde to R W Parker...Mar. 5, 1924
Mar. 8, 1924—NO. 727 STRATFORD Road, Oakland. Jas L Rich to whom it may concern..Mar. 6, 1924
Mar. 8, 1924—LOT 18 Map Larrys Tct Brooklyn Tt, Oakland. Geo Muller Guardian and Johanna Muller to Jos Fittner.....Mar. 7, 1924
Mar. 7, 1924—NO. 1611 THIRTY-fifth Ave., Oakland. Mrs. Emma L Reichling to whom it may concern.....Mar. 7, 1924
Mar. 7, 1924—NO. 1744 EIGHTY-fifth Ave, Oakland. L H Schaeffer to F J Leonard.....Mar. 1, 1924
Mar. 7, 1924—NO. 1749 & 1741 VINE Berkeley. Frances P Hill to E D Bramlage.....Mar. 6, 1924
March 11, 1924—NE 24.34 LOT 17 & SW 12.66 lot 18 Blk. B Champion Tract and NE 28.34 lot 16 and SW 8.66 lot 17, blk. B Champion Tract, Oakland. Mrs. Annie E. Edge to O. F. Lyons .....March 10, 1924
March 11, 1924—E LINE BROADway 150 from N line 20th St., N 75 with depth of 180 ft., Oakland. R. H. Cross to H. J. Christensen .. .. Feb. 29, 1924.
March 10, 1924—LOT 8 BLK. 1, Dwight Way Terrace, Berkeley. Margaret E. Von Hacht to Designers & Bldrs. Corp.....Feb. 16, 1924
March 10, 1924—LOT 162 FULLER & Todd Tract, Oakland. Peder A. Neilsen & Manuel Davis to J. B. Petersen .....March 8, 1924
March 10, 1942—E 40 LOT 7, BLK. J Excelsior Heights, Oakland. Geo. Van Vlack to whom it may concern ..... March 8, 1924
March 10, 1924—N SIDE MOSS AVE. bet. Howe St. and Broadway, Oakland. Fabiola Hospital Assn. to The Turner Co. .....Jan. 1, 1924
March 10, 1924—LOTS 15 & 16 BLK. N Oakland Highlands, Oakland. Herbert C. Cameron to whom it may concern .....March 8, 1924
Mar. 10, 1924—NO. 1329 ALBINA AV. Berkeley. John Edwards to whom it may concern.....Mar. 8, 1924
Mar. 10, 1924—NE LOTS 18 AND 19 Blk 8, Anteseil Villa Lots, Berkeley. C C Lewis to whom it may concern.....Mar. 10, 1924
Mar. 10, 1924—LOT 74 Map of Allendale Park, Oakland. Harda Kramer to whom it may concern. Mar. 8, 1924
Mar. 10, 1924—NO. 1014 ORDWAY ST. Albany. Irvin C Hatch to E F Henderson.....Mar. 8, 1924
Mar. 10, 1924—LOT 4 and Ptn Lots 3 and 28 Blk 174 Kellerberger's Map of Oakland. The Oakland Bank to East Bay Sheet Metal Works.....Mar. 4, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

March 6, 1924—LOTS 5 & 6 and N 11.90 ft. of lots 4 & 7, Berkeley 592 map Galindo Tract, being a portion of blocks 590, 591, & 592, Oakland. Chas. B. Daniels vs. Solomon Brown, Joseph Kahn and The Oakland Bank.....$1017 25
March 6, 1924—3752 LINWOOD AVE. Oakland. Smith Hardware Co.,

$43.60; Arthur D. Aston, $250; Frank D. Moller, $120.32; vs. Clarence K. Nichols .....
March 6, 1924—LOT 1, BLK. P., Fourth Ave Terrace, Oakland. Contractors & Builders Supply Co. vs. C. K. and Leo L. Nichols..$544.10
March 6, 1924—830 E 24TH ST., Oakland, Roberts Mfg. Co. vs. C. K. and Leo L. Nichols $74.50
March 6, 1924—824 E 24TH ST., Oakland, Roberts Mfg. Co. vs. C. K. and Leo L. Nichols $74.50
March 6, 1924—2733 9TH AVE., Oakland. Roberts Mfg. Co. vs. C. K. and Leo L. Nichols $62.00
March 6, 1924—3752 LINWOOD AVE. Oakland. General Mill & Lumber Co. vs. Leo L. and C. K. Nichols $339.60
March 6, 1924—LOT 19, AND W 15 ft. lot 20, blk. 87, Hogan's Sub. Map of Blk. 87, Highland Park, Oakland. Guy D. Stone vs. Mrs Belle Rusco et al $936.60
March 7, 1924—LOT 9, BLK. H., Map of Grand Ave. Hgts., Oakland Tp., Oakland. Fred Hansen vs. May E. Richardson and Wm. R. Geary.$468
March 7, 1924 — NE LAKESHORE Ave. and Prospect Ave., Oakland. Maxwell Hardware Co. vs. Roman Catholic Archbishop of San Francisco, and W. G. McGinty & Sons. $192.54
March 7, 1924 — NE COR. LAKESHORE Ave and Prospect Ave., Oakland. Oakland Bldg. Material Co. vs. W. G. McGinty & Sons and Roman Catholic Archbishop of San Francisco. $232.50
March 7, 1924 — NE COR. LAKESHORE Ave. and Prospect Ave., Oakland. Contra Costa Bldg Material Co. vs. W. G. McGinty & Sons and Roman Catholic Archbishop of San Francisco. $321.50
March 7, 1924 — NE COR. LAKESHORE Ave. and Prospect Ave., Oakland. Hogan Lumber & Mill Co. vs W. G. McGinty & Sons and Roman Catholic Archbishop of San Francisco. $2377.33
March 7, 1924 — NE COR. LAKESHORE Ave. and Prospect Ave., Oakland. Hogan Lumber & Mill Co. vs. Roman Catholic Archbishop of San Francisco and G. E. McCrea. $3337.20
March 10, 1924—N LINE SCENIC Way 220 E from intersection with E line Seminary Ave. E 40 N 105.07 W 40 S 104.29 to N line Scenic Way, Oakland. Eureka Mill & Lumber Co. vs. R. A. Smith, John A and Mary Enginan, John Doe, Richard Roe and John Doe Co. $597.88
March 10, 1924—NE LAKESHORE & Prospect Aves., Oakland. Hogan Mill & Lumber Co. vs. Roman Catholic Archbishop of S. F., and G. E. McCrea. $3337.20
March 10, 1924—NE LAKESHORE & Prospect Aves., Oakland. Hogan Mill & Lumber Co. vs. Roman Catholic Archbishop of S. F., and W. G. McGinty & Sons $2,377.33

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
March 6, 1924—H. W. MEEK EST. Inc., as to improvements on property. Por. lots 56 and 57, re-sub. blk. C, Meek Estate Orchards, Eden Tp., Hayward. ....Mar 3, 1924
Mar. 6, 1924—N CLINTON PARK 117 W Guerrero W 25xN 75. Mission Lumber Co, Lawson Roofing Co, H S Thomson, George Godfrey, D Campbell, M W Weln, Mission Lumber Yard to Julia and Valentine Krysiak .....
Mar. 5, 1924—W SECOND AVE 225 N Clement N 25xW120. Dowd & Weth to Fay Abrams.....$112
March 5, 1924—LOT 7, BLK. 7, map of Kenfield's Re-sub. of lot 13 to Clune of Blk. 7, Jose Domingo Tract, Berkeley. Hogan Lumber & Mill Co. to L. Damon $208.69
March 5, 1924—3128 WISCONSIN ST., Oakland. B. F. Davis to Thos. F. and Cynthia Gallagher $109.00
March 5, 1924 — CENTRAL PARK Tract, Berkeley, (and many others) Park of Hollister to, In the matter of the Estate of Thos. Hodge, deceased $6594.18
March 10, 1924—LOT 68, Map Santa Fe Tract No. 6, Oakland. Hogan Lumber & Mill Co. to C. Ommundson & Bertha M. Kite, ...$89.00
March 10, 1924—LOT 14, Lakemont, Oakland. G. A. Johnson to R. D. Grimes $590.18
March 11, 1924—LOT 9 BLK. 11 Map of Grand Ave. by the Parks, Oakland. Oakland Lime & Cement Co. vs. Fred Hansen, Wm. R. Geary & John Doe Richardson $89.25
March 11, 1924—POR. BLK. 112 Map of Clinton, etc., Oakland. Contra Costa Bldg. Materials Co. to (Marie Mary) Angello $157.75
March 11, 1924—POR. BLK. 112 Map of Clinton, etc., Oakland. Henry Cowell Lime & Cement Co. to Mary Angello ..... $76.
March 11, 1924—POR. BLK. 112, Map of Clinton, etc., Oakland. Maxwell Hardware Co. to Mary Angello $178.60
March 11, 1924—POR. BLK. 112, Map of Clinton, etc., Oakland. Inlaid Floor Co. to Mary Angello..$485.00
March 10, 1924—SW LINE E 16TH St. 108-9 NW of 27th Ave. NW 50 by SW 120; por. lot 4 blk. C, Revised Map Oak Tree Farm Tract, Oakland. Powell Bros., Inc. to Emily A. Westerlund $183.75

Notice of Non-Responsibility

ALAMEDA COUNTY

March 7, 1924—LOT 8 AND N 24½ Lot 7, Blk 89, Kellerberger's map of Oakland. L. C. Snyder and Alice W. Steele as to improvements

BUILDING CONTRACTS

SANTA CLARA COUNTY

COTTAGE
N FREMONT ST. near Morse Ave., San Jose. All work for one-story frame cottage and garage.
Owner—Irene M. Montmayeur and L. Louise Gairaud, 59 W-Santa Clara Ave., San Jose.
Architect—Charles S. McKenzie, Bank of San Jose Bled., San Jose.
Contractor—Wm. M. Myer, San Jose.
Filed Mar. 8, '24 Dated Mar. 8, '24.
Frame of cottage erectcd.....$2400
1st coat plaster on..... 2425
Cottage and garage completed 2425
Remaining 25% to be paid 35 days after completion and acceptance of cottage and garage.....
TOTAL COST, $9700
Bond, $5000. Sureties, Homer J. Langdon and Leroy Fisher. Limit, forfent, none. Plans and specifications filed.

ALTERATIONS
SW ST. JOHN AND SECOND STS., San Jose. All work for alterations and additions to Trinity Parish House.
Owner—Rector, Wardens and Vestrymen of Trinity Parish of San Jose, Premises.
Architect—Binder & Curtis, 255½ S-First St., San Jose.
Contractor—Charles A. Thomas, 692 N-San Pedro St., San Jose.
Filed Mar 6, '24. Dated ——.
As work advances..... 75%
Usual 35 days..... 25%
TOTAL COST, $10,025
Bond, $5013. Sureties, A. C. Hansen & S. H. Chase. Limit, forfeit, none. Plans and specifications filed.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

DWELLING
LOT 5 ON BUENA VISTA AVE., San Jose. All work for one-story stucco dwelling.
Owner—May Tyndale, San Jose.
Architect—None.
Contractor—Carl Carlson, 4 Menker St., San Jose.
Filed Mar. 7, '24. Dated Mar. 7, '24.
TO be made by the party of the first part turning over to the party of the second part deed to the N 30 of Lot 7 and Lots 8, 9, 10 and 11, situate on North Buena Vista Ave., San Carlos Subdivision No. 1.
TOTAL COST, $3000
Bond, $5000. Sureties, J. A. Chase and Joseph Russo. Limit, forfeit, none. Plans and specifications filed.

CONVEYOR, $1500; 9th and Taylor Sts., San Jose; owner, Easton Can Co.; contractor, G. M. Latta, 25 Rhodes Court, San Jose.
ALTERATIONS, $2000; No. 435 S-Tenth St., San Jose; owner, Mrs. A. Dorsey; contractor, Main & Evans.
COTTAGE, five-room, $1000; St. James and 31st Sts., San Jose; owner, M. H. Madeiros.
COTTAGE, five-room, $1900; Fourteenth and Rosa Sts., San Jose; owner, S. Cancilla, 18 Cottage Grove, San Jose.
COTTAGE, 6-room, $6725; 14th St. near William St., San Jose; owner, B. K. Kerr, 391 N-14th St., San Jose; architect, F. W. Reid; contractor, R. B. Gray, 99 Grant St., San Jose.
COTTAGE,5-room, $2900; St. James St. near 6th St., San Jose; owner, J. L. Bunker, 307 E-St. John St., San Jose.
STORE, LODGE & DANCE HALL, 2-story concrete, $19,415; Third near Sta. Clara, San Jose; owner, T. Costa, Fleming, San Jose; architect Chas. McKenzie, Bank of San Jose Bldg., San Jose; contractor, Mebna & Newell, 866 17th St., San Jose
COTTAGES, 2, 4-room, $1800; Autumn court, San Jose; owner, T. H. Hershback, San Jose Bank Bldg., San Jose.
COTTAGE, 4-room, $2500; Palm near Grant, San Jose; owner, I. L. Sullivan, 710 Palm St., San Jose.
COTTAGE, 4-room $1950; 26th & Whitton, San Jose; owner, Jos. Larson.
COTTAGE, 4-room, $1400; 457 Josefa, San Jose; owner, Myrtle Foss; contractor, S. H. Carper.
COTTAGE, 5-room, $2500; 4th & San Antonio, San Jose; owner, Uppr room Mission.
COTTAGE, 5-room, $3000; Julian and 4th, San Jose; owner, Chas. Howes 170 S 11th St., San Jose; architect, Giles Adnan.
COTTAGES, $3020; Seventh near Keyes San Jose; owner, Fred Shrope; 655 Prevost St., San Jose; architect, B. J. Smith, 33 Schiele Way, San Jose
COTTAGES, two 5-room, $3300 each; 16th near Julian, San Jose; owner Geo. Schwind, 755 E Julian St., San Jose; contractor, Rollie Williams, 38 Magnolia St., San Jose.
COTTAGE, 5-room, $3000; 10th near Washington, San Jose; Owner, A. York, 16 N Third St., San Jose.
COTTAGE, 5-room, $3800; Second near Jackson, San Jose; owner, Jno. M. Goliner, 20 Garfield St., San Jose.
ALTERATION, $1000; 635 N First, San Jose; owner, Frank Ross, 716 Sta. Clara, San Jose; architect, H. M. Nelson, 716 E Sta. Clara, San Jose.
COTTAGE, 4-room, $3200; Reed near 10th, San Jose; owner, Wm. Burns 440 Reed St., San Jose; architect, E. L. Staght, 752 S Ninth St., San Jose.
COTTAGE, 4-room, $2250; Anita near Empire, San Jose; owner, Chas. Mikus, 321 W Empire, San Jose.
RESIDENCE, duplex, $4900; Fifth near Virginia, San Jose; owner, Mrs. S. Weaver; architect, R. K. Wells.
COTTAGE, 6-room, $3500; 12th and Julian, San Jose; owner, Mrs. A. Buero, 229 W James St., San Jose; architect, W. S. Gardner, Phelps Ave., Campbell.
ALTERATIONS, $7465; Market & St. John, San Jose; owner, Blase Bros; 106 N Market St., San Jose; architect, C. S. McKenzie, San Jose Bk. Bldg., San Jose; contractor, Percy Sherbrirne, 375 N 15th St., San Jose
COTTAGE, 5-room, $3800; Bird near Riverside, San Jose; owner, A. D. Rice, 1014 Bird, San Jose; architect Wm. H. O'Neil, 500 N 15th St., San Jose.

COTTAGE, 6-room, $3500; Delmas opp. Coe, San Jose; owner, A. Combatalді, 968 Delmas St., San Jose; architect, C. W. De Hegy, 903 E Julian, San Jose.
ALTERATIONS, $1980; BASSETT AND San Pedro, San Jose; owner, Stewart Fruit Co., Bassett, San Jose; contractor, Al Compton, 547 N 17th St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Mar. 6, 1924—W EIGHTH AND S ST. James Sts, S on 8th 45x95 to beg Ptn Lot 1 Blk 3 Range No. 8 North, San Jose Katie Rogers to whom it may concern..Feb. 24, 1924
Mar. 6, 1924—LOT 19, Sycamore Tct No. 2, San Jose. Karl Walter Marten to J C Nelson...Mar. 1, 1924
Mar. 6, 1924—PTN LOTS 1 AND 2 Blk 7, Hanchett Residence Park, San Jose. Wm F Pogue to whom it may concern.....Mar. 5, 1924
Mar. 7, 1924—E NINTH ST. 143.66 S Martha St. S 47x137.50 Ptn Blk 17, Reed's Add'n, San Jose. The Menton Co to whom it may concern... .....Mar. 7, 1924
Mar. 7, 1924—PTN LOT 6 BLK 4 Range 1-N, San Jose. John E Reardon to Megna & Newell.Feb. 28, 1924
Mar. 7, 1924—CONTAINING 12 Acres of land being Ptn Lot 3 and SE ¼ of SE ¼ Sec 22 Tsp 8 S R 1 W, San Jose. Forrest H Myers to whom it may concern...Aug. 8, 1923
Mar. 8, 1924—BOUNDED BY STATE Highway, The Embarcadero Road and S P R R Track, Palo Alto. Board of Trustees Palo Alto Union High School District to John Madsen, Mar. 6, 1924; Malott & Peterson.....Mar. 6, 1924
Mar 8, 1924—SE HEDDING 180 NE Park Ave NE 45x200 Ptn Lots 5 and 6 Blk 23, Chapman & Davis Tract, San Jose. B J Smith to whom it may concern...Mar 7, 1924
Mar. 8, 1924—W S-SIXTEENTH ST. near William St., San Jose. Frank and Alice M Cornell to Geo Lindblom .....Mar. 1, 1924
Mar. 10, 1924—LOT 11 BLK 3 RANGE 4 S Bailey's Add'n to Mt. View. Edw E Lawson to whom it may concern.....Mtr. 8, 1924
Mar. 10, 1924—LOTS 15 AND 16 BLK 36, College Terrace, San Jose. John Francis McGlynn to whom it may concern.....Mar. 5, 1924
Mar. 10, 1924—LOTS 16 AND 17 BLK 31, Palo Alto. Otto G Warm to whom it may concern...Mar. 7, 1924
Mar. 10, 1924—LOT 4 BLK 7, Marguerite Tract No. 2, San Jose. B J Smith to whom it may concern.. .....March 7, 1924

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW
LOT 8 BLK 8 Map High School Park, South San Francisco. All work for frame and plaster bungalow.
Owner—Charles Tocchi, South San Francisco.
Architect—M. G. Bugbee, 619 Washington St, San Francisco.
Contractor — A. Pianca, South San Francisco.
Filed ——, Dated Feb. 29, '24.
Roof on $1600
Plastered 1600
Usual 35 days.....Balance
TOTAL COST, $4850
Bond, $2425. Sureties, W. H. Dinning and Posqual Saulini. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

BUNGALOW
PTN LOT "D" Selby Tract, Atherton. All work for frame and stucco bungalow.
Owner—Mrs. Mille Bell Brandon.
Architect—None.
Contractor—Louis N. Pollard, 55 Brewster St., Redwood City.
Filed Mar. 6, 1924. Dated Oct. 4, 1924.
Roof on $2982
Brown coated 2982
Completed 2982
Usual 35 days..... 2982
TOTAL COST, $11,928
Bond, none. Limit, 65 working days from Oct. 8, 1923. Forfeit none. Plans and specifications filed.

RESIDENCE
PTN LOT 3 BLK Bowie Estate No. 1, Hillsborough All work for two-story frame residence.
Owner—John A. Sinclaire, 95 W-Poplar St., San Mateo.
Architect—Howard & White, Lick Bldg., San Francisco.
Contractor—Charles Pederson, 60 Peninsular Court, San Mateo.
Filed Feb. 28, '24. Dated Feb. 18, '24.
Frame up $3432
Plastered 3432
Completed 3432
Usual 35 days..... 3432
TOTAL COST, $13,728
Bond, none. Limit, 100 working days. Forfent, none. Plans and specifications filed.

RESIDENCE
LOTS 110 AND 111 SUB No. 2, Wellesey Park, Redwood City. All work for two-story frame residence.
Owner—O. M. Carrington, 1070 El Camino Real, Redwood City.
Architect—None.
Contractor — Ben C Zimmerman, 797 Arguello Blvd., Redwood City.
Filed Mar. 3, '24. Dated Mar. 1, '24.
Ready for roofing.....$2625
Plastered 2625
Completed 2625
Usual 35 days..... 2625
TOTAL COST, $10,500
Bond, limit, forfeit, none. Plans and specifications filed.

ALTERATIONS
BROADWAY AND WEBSTER STS., Redwood. All work for alterations to two-story and basement brick school building.
Owner — Redwood City Grammar School District.
Architect — Norman R. Coulter, 46 Kearny St., San Francisco.
Contractor—R. P. Hurlbut, 620 Walnut St., Redwood City.
Filed Feb. 28, '24 Dated Feb. 20, '24.
1st to 5th and 15th to 20th.... 75%
Usual 35 days..... 25%
TOTAL COST, $6900
Bond, $3450. Surety, The Aetna Casualty & Surety Co. Limit, 40 working days. Forfeit, none. Plans and specifications filed.

PAVILION
LOTS 53, 54, 57, 58, 61 AND 62 Laurel Creek Farm, San Mateo. All work for tubercular pavilion.
Owner—San Mateo County.
Architect—Will H. Toepke, 72 New Montgomery St., San Francisco
Contractor—Fred D. Turner, 212 Anita St., San Mateo.
Filed Mar. 3, '24. Dated Feb. 25, '24.
Roof sheated $3250
Brown coated 3250
Completed 3250
TOTAL COST, $13,000
Bond, $6500. Surety, Globe Indemnity Co Limit, 75 working days. Forfeit, $15. Plans and specifications filed.

RESIDENCE, $6600; Lot 2 Blk 10, San Mateo Drive, San Mateo; owner, Mrs. Juntle C. Dove.
BUNGALOW and garage, $4000; Lot 12 Blk 32, Drake Ave., Burlingame; owner, Cristine B. Bitton; contractor, H. H. Putman, 2508 Easton Drive, Burlingame.
BUNGALOW and garage, $4000; Lot 13 Blk 13, Sanchez Ave., Burlingame; owner, C. L. Eichert; contractor, L. Sorenson.
BUNGALOW and garage, $6000; Lot 10 Blk 24, Balboa Ave., Burlingame; owner, John Wang; contractor, L. Sorenson.
BUNGALOW and garage, $4000; Lot 8 Blk 5, Fourth Ave., Burlingame; owner, Vva Walton, 198 Carl St., San Francisco.
BUNGALOW and garage, $4000; Lot 21 Blk 59, De Soto Ave., Burlingame; owner, Geo. G. Warden; contractor, H H. Putman, 2508 Easton Ave., Burlingame.
BUNGALOW and garage, $5000; Lot 6 Blk 16, Paloma Ave., Burlingame; owner, Miss Inga Hanson.
BUNGALOW and garage, $5000; Lot 18 Blk 36, Vancouver Ave., Burlingame; owner, Jae. E. Nount.
BUNGALOW and garage, $4000; Lot 11 Blk 26, Cabrillo Ave., Burlingame; owner, R. W. Hurst, 1141 Palm Ave., Burlingame
DWELLING and garage, $3500; Lot 8 Blk K Fourteenth Ave., Burlingame; owner, E. J. Ellison, 608 Woodside Way, San Mateo.
DWELLING and garage, $5000; Lot 1 Blk E, Highland Ave., San Mateo; owner, F. M Cavanaugh, 105 South D St., San Mateo.
DWELLING, $4000; Lot 1 BLK P Bellevue Ave., San Mateo; owner, C. E. Bittencourt, San Mateo; contractor, E. S. Shaver, 765 Farrington Road, San Mateo
DWELLING, $4000; Lot 32 Blk J 14th Ave., San Mateo; owner, Robert Broderick, 413 Poplar Ave., San Mateo.
DWELLING, $10,000; Lot 5 Blk 6 5th Ave., San Mateo; owner, Mrs. E. Clements, 726 5th Ave., San Mateo
FACTORY, $7500; San Mateo Drive, San Mateo; owner, Peninsula Ice Co., 836 San Mateo St., San Mateo; contractor, S. A. Wisnom, A and 2nd St., San Mateo.
BUNGALOW and garage, $4000; Lot 8 Blk "N" 11th Ave., San Mateo; owner, Chas. Stephenson, 206 Ellsworth Ave., San Mateo.
DWELLING, $3700; Lot 23 Blk "I" 15th Ave., San Mateo; owner, Foote & Parsons, San Mateo; contractor, W. G. Croop, 7th Ave. Homestead, San Mateo
ALTERATIONS, $5000; No. 661 Edgewood Road, San Mateo; owner, W. B. Brandt; contractor, A. Dusenberry, 443 Huilengham Ave., San Mateo.
BUNGALOW, $6000; Ptn. 271, Midway Ave., San Mateo; owner, J. H. Hahn, 715 Occidental Ave., San Mateo.
BUNGALOW, $5000; Lot 18 Blk 2, B St., San Mateo; owner, Nick Sisivich, San Mateo; contractor, W. O. Nicolaides, 218 Peninsula Ave., S M.
BUNGALOW and garage, $4000; Lot 14 Blk 46, N-C St., San Mateo; owner, Henry J. A Stoeckle, 819 Tilton Ave., San Mateo.
RESIDENCE, two-story, $8100; Lot 2 Blk 17, Florabunda Ave., Burlingame; owner, Ed. Hunter; contractor, W. Rutherdale, 1129 Bernal Ave., Burlingame
BUNGALOW and garage, $6000; Lot 15 Blk 27, Carmelita St., Burlingame; owner, W. A. Kases.
BUNGALOW and garage, $4000; Lot 9 Blk 15, Copuchina St., Burlingame; owner, Jas. Lertan.
BUNGALOW and garage, $4000; Lot 28 Blk 43, Bernal Ave., Burlingame owner, E. W. Draper.
BUNGALOW and garage, $5000; Lot 3, C Blk 3, Highway, Burlingame; owner, Mrs. W. Van Tyne.
BUNGALOW and garage, $3750; Lot 16 Blk 10, ——— Ave., Burlingame; owner, Mr. and Mrs. Frank Crawford, 1509 Newlands Ave., Burlingame; contractor, M. Sorensan, 16 Dwight Road, Burlingame.
BUNGALOW and garage, $4000; Lot 10 Blk 45, Bernal Ave., Burlingame; owner, C. G. Adams, 115 Arundel Road, Burlingame.
BUNGALOW and garage, $5200; Lot 9 Blk 12, Lincoln Ave., Burlingame; owner, S. Andersen, 1208 Cabrillo Ave., Burlingame; contractor, T. Guessa, 1201 Vancouver Ave., Burlingame.
BUNGALOW and garage, $5200; Lot 10 Blk 12, Lincoln Ave., Burlingame; owner, S. Anderson, 1208 Cabrillo Ave., Burlingame; contractor, S. Guessa, 1201 Vancouver Ave., Burlingame.
BUNGALOW and garage, $5000; Lot 10 Blk 12, Chula Vista, Burlingame; owner, Chas. S. Bell.

COMPLETION NOTICES

SAN MATEO COUUTY

Recorded Amount
Mar. 8, 1924—LOTS 30 AND 31 BLK 57, Dumbarton Oak Tct, Redwood City. Frederick H Sommer to whom it may concern...Feb. 29, 1924
Mar. 10, 1924—NO. 25 BELLEVIEW Ave., San Mateo Park, San Mateo. Nellie Smith Freeman to L Regner .....Mar. 7, 1924
Mar. 10, 1924—LOT 5, O'Keefe Tract, Menlo Park. Luigi Boeto to J T Rilng .....Mar. 7, 1924
Mar. 10, 1924—LOT 24 BLK 3, Burlingame Terrace, Burlingame. D Houle to whom it may concern... .....Mar. 6, 1924

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
Mar 6, 1924—PURISSIMA CREEK San Mateo. Western Mill Works vs Sarah A Emerson and Purissian Oil Co $2235

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
Mar. 5, 1924—LOTS 3, 4 AND 5 BLK 2, Resub Lots 57 and 60, Oak Park, San Mateo. William P Jamison to Harley S Baglin and Antonio M Lopez $327.95
Mar. 6, 1924—LOTS 3, 4 AND 5 BLK 2, Resub Lots 57 and 60, Oak Park, San Mateo. Antonio R Morales to Harley S Baglin and Antonio M Lopez $66

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

SACRAMENTO. Revolving doors for hotel.
Owner — Hotel Senator Corp., Sacramento.
Architect—None.
Contractor — Waterhouse Wilcox Co., 523 Market St., San Francisco.
Filed Feb. 29, 1924. Dated Feb. 20, 1924. Payments not given.
TOTAL COST, $2800
Bond, Forfeit, Limit, Plans and specifications, none.

SOUTH ¾ LOTS 6, 7 & 8 .Alterations and additions.
Owner — W. P. Fuller, 1026 2nd St., Sacramento.
Architect—Hemmings & Starks, Ochsner Bldg., Sacramento.
Cont actor—Herndon & Finnigan, 1814 17th St., Sacramento.
TOTAL COST, $45,360
Bond, Forfeit, Limit, Plans and specifications, none.

DWELLING, 1-story 5-room, and garage, $5500; 1151 37th Sacramento; owner, Mrs. Sam Bowdin, North Sacramento.
DWELLING, 1-story 5-room and garage, $2500; Owner, Antone Vierra.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Feb. 29, 1924—SHOP ON RESERVATION of Sac. Southern Pac. Freight yard at Roseville, Placer Co. and S. P. Co. station (reservation at Hood, Sac. Co.) D. M. McDonald, Southern Pacific Co. to whom it may concern .....Dec. 24, 1923
Feb. 29, 1924—LOT 11 BLOCK 8 Woodlake. Clarence C. Johnson to whom it may concern ..Feb. 26, 1924
Feb. 29, 1924 — LOT 178 HEIBRON Oaks, Sacramento. G. E. Harvie to whom it may concern.....Feb. 16, 1924
March 3, 1924—LOT 73 TERRACE Villa, Sacramento. L. B. Keller to whom it may concern..Feb. 20, 1924
March 3, 1924—LOT 55 EASTMONT, Sacramento. Alice E. Williams to whom it may concern...Feb. 15, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
March 3, 1924 — LOT 30 GERBER Court, Sacramento. Sunset Lumber Co. vs Stacy E. Shelton.....$140.25

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Mar. 4, 1924—LOTS 43 AND 44 BLK 7, Recreation Park, Fresno. Thos J Watson to whom it may concern .....Mar. 3, 1924
Mar. 4, 1924—LOTS 39 AND 40 BLK 3, High Add No. 4, Fresno. Geo E May to whom it may concern.....March 3, 1924
Mar. 4, 1924—LOTS 5 AND 6 BLK 1, Torrance Terrace, Fresno. H E Guynn to whom it may concern... .....March 1, 1924
Mar. 6, 1924—LOTS 17, 18 AND 19 Blk 347, Fresno. Edward Lopez to whom it may concern.Mar 4, 1924
Mar. 3, 1924—LOT 21 BLK 36, Easton No. 2, Burlingame. J Soaman to whom it may concern..Feb. 27, 1924
Mar. 5, 1924—LOTS 9 AND 10 BLK 21, Milbrae Villa Terrace, Milbrae. Rosa V Silvera to Frank Valentine .....Feb. 1, 1924
Mar. 6, 1924—LOT 21 BLK 4, Easton No. 1, Burlingame. R A Sanguinetti to whom it may concern.....Mar. 4, 1924
Mar. 6, 1924—LOT 8 BLK 14, Easton Addition, Burlingame. Charles L Bell to whom it may concern.....Mar. 6, 1924
Mar. 6, 1924—LOT 4 BLK 16, Burlingame Grove, Burlingame. Albert Patch W O Nicoloide....Mar. 5, 1924
Mar. 6, 1924—LOT 1 BLK 7, Easton No. 1, Burlingame. Tay & Johnson by H J Tay to whom it may concern.....Mar. 1, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
Mar. 7, 1924—LOTS 17 AND 18 BLK 1, Echo Tract, Fresno. J D Halstead Lumber Co vs F J Waterman and L T Loux $1244
Mar. 7, 1924—LOTS 17 AND 18 BLK 1, Echo Tract, Fresno. G E Cornell $245; Striplin & Rasmussen, $280 vs F J Waterman and L T Loux...
Mar. 8, 1924—LOTS 12 AND 13 BLK 73, Fresno s Routt Lumber Co vs Jack Dodd and L W Moultrie...$525
Mar. 8, 1924—LOT 21 SEC 34-13-17, Fresno. C S Pierce Lumber Co vs Paul A Malakanoff.....$174
Mar. 8, 1924—LOTS 26 AND 27 BLK 239, Fresno. Routt Lumber Co vs J H Funker $321
Mar. 8, 1924—LOTS 17 AND 18 BLK 1, Echo Tct, Fresno. C E Weston, $53; T H Virgo, $53 vs F J and Mary Waterman and L T Loux....
Mar. 4, 1924—NE 315.8x413.8 of SW ¼ Sec 11, 14-20, Fresno. M Kellner & Son Lumber Co, $706; Harris & Pendergrass, $216 vs Anna Pearson .....
Mar. 4, 1924—LOTS 56 TO 59 BLK 2, Recreation Park, Fresno. M Kellner & Son Lumber Co vs D E Dewey $36
Mar. 5, 1924—LOTS 11 AND 12 SEC 21, 15-16, Fresno. County of Fresno vs M S Lopes et al.....$22
Mar. 5, 1924—PTN SW ¼ SEC 11, 14-20, Fresno. Kutner-Goldstein Co vs Anna Pearson $85

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

DWELLING & garage, $4500; No. 1745 Mt. Diablo Ave., Stockton; owner, T. E. Williamson, San Juan and W-Park Ave., Stockton.
DWELLING and garage, $3000; No. 519 S-McDonnell Ave., Stockton; owner, H. W. Durand
OFFICE building, $3500; Homestead, Stockton; owner, Stockton Fire Brick Co., City Homestead.
REMODEL county hospital, $3000; San Joaquin Co, property, Stockton; owner, San Joaquin County.
DWELLING and garage, $5000; No. 1215 E-Miner Ave., Stockton; owner, L. Salvani.
DWELLING and garage, $2800; No. 411 E-McCloud's Ave., Stockton; woner, Thomas Seery.
DWELLING & garage, $4000; No. 1302 W-Park St., Stockton; owner, Chas K. Pasnio.
DWELLING, $4000; No. 234 W-Fourth St., Stockton; owner, R. L. Hunting.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepteo
Mar. 3, 1924—LOT 9 BLK 2, Northeast, Stockton. Anthony Puppo to V Grey.....Feb. 29, 1924
Mar. 5, 1924—LOT 10 BLK 12, Lake Park, Stockton. Robert G Polson to whom it may concern..Feb. 29, '24

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $2500; S-Wall bet. Beck and South Sts., Richmond; owner, Victor Johnson, 537 S-30th St., Richmond ;contractor, Gus Nelson, 537 S-30th St., Richmond.
DWELLING, one-story frame, $3600; E Eighth St., bet. Ohio and Florida Sts., Richmond; owner, J. Derkendren, 936 7th St, Richmond; contractor, A. W. Josselyn, 342 S-7th St., Richmond.

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Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery etc. Send for rates in your territory, advising class of work in which you are interested.
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STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

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SAN FRANCISCO, CALIF., MARCH 22, 1924

Published Every Saturday
Twenty-fourth Year No. 12

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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AGREEMENT IS REACHED ON STANDARD CONTRACTS

At a meeting of the drafting committee of the joint conference on standdarized construction contracts, held in New York, the various points assigned to the committee for settlement were agreed upon and will now be referred to the general assembly which will meet in Washington March 20.

One of the principal points settled by the sub-committee was a method of handling the indemnity question, whereby the contractor and the owner carry policies that protect them from many causes for damage.

In many existing documents the blanket liability assumed by the conaractor subjects him to loss when a judgment is rendered against the owner. Through the working of the new provision, this liability will be handled in such a manner that the contractor can obtain more adequate insurance against damage claims.

After nearly three years of constant effort, representatives of the nine associations constituting the conference have reached practical agreement on the principles to be used, and it appears that the building document and the general construction document will be released within the present year.

PROGRESS IS NOTED IN INDUSTRIAL SIMPLIFICATION

Rapid progress in the movement toward industrial simplification, which will result in the saving of millions to American producers and consumers, is recorded by the Fabricated Production Department of the Chamber of Commerce of the United States.

Simplification is described as the elimination of industrial waste resulting from over-diversification and multiplicity of sizes, styles and kinds which have grown up in the manufacture of nearly every sort of commodity. As a measure of the accomplishment already achieved in this direction the following simplification programs, recently adopted and soon to become effective, are cited in a bulletin just put out by the Department.

The reduction of varieties of files from 1,251 to 454, the new national schedule becoming effective July 1, 1924.

The reduction of types of hollow building tile from 40 to 19, effective January 1, 1924.

The reduction of sizes of range boilers from 130 to 13, becoming effective July 1, 1924.

The reduction of brass traps from 1114 to 76 sizes and types, considered at a general conference of the tubular plumbing goods industry, March 6.

The adoption of the lumber industry of 38 recommendations providing for standard lumber classification, standard grade names and classifications, standard yard lumber sizes, lumber measurements, standard shipping weights and shipping and other provisions.

The adoption of standards of blackboard slate to be submitted to the industry for approval and, if adopted, to become effective July 1, 1924.

The reduction of varieties of hot water storage tanks from 250 to 10, to be submitted to all interests preliminary to a general conference.

The reduction of sizes of bed blankets from 78 to 12 to become effective November 1, 1924.

The reduction of forged tools comprising picks, mattocks, hoes, sledges, crows bars and various blacksmith's tools, from 549 to 365, to become effective July 1, and to be subject to annual revision.

The adoption of four types and designs of plow bolts, ten sizes of carriage bolts and ten sizes of machine bolts as standards, together with six sizes of wrenches.

These simplification programs will permit the concentration of production of standard sizes and types and the reduction of stocks and which will in time better service and better prices to the consumer.

The conferences at which these results have been accomplished were held in Washington at the request of the manufacturers, distributors and consumers, most of them upon the initiative of representative trade associations. The co-operative agencies assisting them were the Simplified Practice Divison of the Department of Commerce, the American Engineering Standards Committee and the Fabricated Production Department of the Chamber of Commerce of the United States.

INCREASED BUILDING IN FEBRUARY—MATERIAL PRICES ON INCREASE

The national monthly building survey by S. W. Straus & Co., says:

February building permits throughout the United States indicated a continuation during the immediate future, barring unforseen developments, of new high records in construction. In analyzing the data of this nature building permits offer the most accurate index of approaching conditions. They are straws which show the direction in which the wind is blowing.

The February exhibit, showing reports from 329 cities and towns throughout all sections of the United States, presages the most active spring building season in the history of the country. In the 314 cities and towns in which comparisons are available, there was a gain during February of 20 per cent over February last year.

The Eastern group of cities gained 38 per cent; the South gained 9 per cent; the Middle West lost 5 per cent. and the Pacific Coast group gained 14 per cent.

Study of the reports reveals that a considerable part of the Nation's building activities are concentrated in the larger cities, the twenty-five centers which led in building permits for the month reported $221,659,653, or 75 per cent of the $296,087,739 permits issued in 329 cities.

New York City continued to reveal amazing figures, the month's total being $109,946,509, a gain of nearly $30,000,000, or 37 per cent over February, 1923, and more than 100 per cent over February, 1922.

Other cities showing large percentages of gains were Los Angeles, Detroit, Providence, R. I., Rochester, N. Y., Boston, Indianapolis, Portland, Ore., San Francisco and Oakland, Cal. Chicago and Washington showed considerable losses.

Building material prices increased somewhat in practically all lines during February. In the East, especially New York City, the rise in starting materials was significant. Southern pine was somewhat scarcer than usual and as a result prices were higher, but still considerably below February of last year. Cement and lime prices in some Middle Western cities were softer. Structural materials, rivets and bar iron also showed slight decline.

Among building material experts the immediate expectation is for further increases in the spring months.

MOHAVE DESERT REGION REPORT IS AVAILABLE

A comprehensive report on the geography, geology, and water resources of the Mohave Desert region has been prepared by David G. Thompson, of the Geological Survey, Department of the Interior. In order to make this report immediately available to the public a manuscript copy has been filed in the office of the Geological Survey, 600 Federal Bldg., Los Angeles, where it van be consulted. The region described in the report covers about 25,000 square miles and includes all of the desert parts of San Bernardino, Los Angeles,and Kern counties, a narrow strip along the northern margin of Riverside County, and a somewhat wider strip in the southern part of Inyo County.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Los Angeles leads Pacific Coast cities in construction for the month of February, 1924, with a total of $16,083,412, with San Francisco taking second place with a total of $3,912,166 and Portland, Ore., third with $2,607,965. Oakland took fourth place with $2,250,570 and Seattle fifth with $2,217,330. Following is a summary of building permit figures for the months of February, 1923 and 1924 and January, 1923, which affords an interesting comparison:

	Feb., 1924	Feb., 1923	Jan., 1924
Seattle	$ 2,217,330	$ 2,091,380	$ 3,341,435
Tacoma	404,615	456,495	2,350,628
Spokane	273,108	139,165	55,245
Portland	2,607,965	1,674,150	1,778,275
San Francisco	3,912,166	3,278,676	3,178,413
Oakland	2,250,570	2,041,521	2,019,166
Sacramento	694,538	595,178	633,256
Stockton	447,425	371,560	219,455
Los Angeles	16,083,412	12,080,310	13,158,526
Long Beach	2,156,132	3,045,285	3,198,048
San Diego	721,825	673,550	738,431

The mills belonging to the West Coast Lumbermen's Association, which are in Washington and Oregon, cut more lumber in the first ten weeks of this year than in the similar period of any of the preceding four years according to a circular issued by the association. Production figures given for the first ten weeks were 1,001,655,003 feet in 1924, 878,784,017 in 1923, 764,116,920 in 1922, 382,483,236 in 1921 and 732,148,666 in 1920. Orders in the first ten weeks this year were 955,386,248 feet and shipments 983,450,140 feet.

Western Pacific Railroad will employ about 2000 men to improve tracks between Wesco and Alason, Nevada. The work is in anticipation of the arrangement effective August 1 when the W. P. and S. P. will operate their lines between the points named as one double track system. The entire W. P. track, 178 miles in length, will be reballasted and new tie plates installed in addition to an automatic signal system. Four steel bridges will replace wooden structures spanning the Humboldt river.

Success of asphalt paving as specified by Chris Jensen, Fresno County engineer, is attracting attention in other portions of the country, it is indicated in a request received by the Fresno County Board of Supervisors from M. J. Cramer, Baton Rouge, La., engineer of the bureau of public roads, United States Department of Agriculture. Cramer asks for a copy of the latest specifications pertaining to the road construction known as the Fresno County Specifications.

Reiterating his opposition to the proposed Alameda naval base, Captain Leonard M. Cox, retired, told the House Naval Committee if a supply base were located on San Francisco bay he would recommending placing it near China Basin. He said he would put a submarine base at Goat Island and a fuel station near the refinery on the bay. Construcaion of docking facilities, he said, was the paramount need of the Pacific fleet.

Calvin C. Cavanaugh, contractor, who operated extensively in the San Mateo County district and a resident of Menlo Park, died in that city, March 10, following an extended illness which forced him to retire from the contracting business a short time ago. A widow and two sons survive.

J. P. Williams has been named city engineer of Tulare, Calif. The appointment was made by City Manager George Lewis.

San Francisco Chamber of Commerce is communicating with Eastern financial syndicate which proposes to construct $60,000,000 combined bridge and tube across San Francisco Bay. The Eastern interests inform the chamber that their "plans are based on a thorough survey of the physicial conditions made by engineers in whose judgment they have the fullest confidence." Details of the project are witheld from publication. Engineering and financial facts, however, have been disclosed to San Francisco bankers and will be made public in a short time.

Cement from the Philippines is to be placed in competition with the American product. The steamer Pawlet, now at Cebu, is taking on a shipment of 1,000 tons of the Philippine product and this shipment is to be followed by others, according to advices received at the offices of the Columbia-Pacific shipping company at Portland, Ore.

The House Rivers and Harbors Committee has requested the Board of Army Engineers to review the situation in Suisun Bay from Martinez to Antioch to determine if commerce is of sufficient tonnage at this time to warrant improving the channel south of Seal Island so as to get a better channel into Bay Point.

Niedringhaus, Inc., formerly the St. Louis Metalware Company, a $750,000 corporation of St Louis, Mo., has filed incorporation papers here which indicate they will build a plant on five acres of land in East Oakland, between the Southern Pacific and Western Pacific tracks.

Frank D. Stringham, mayor of Berkeley, urges a $1,000,000 bond issue to finance construction of a civic center and park and playground for South Berkeley, in addition to the erection of a suitable municipal auditorium.

John G. Twyford has returned to San Francisco from a three weeks visit of the Pacific Northwest where he closed transactions for the development of business in that section for the Standard Gypsum Company.

Bradstreets reports the total value of February, 1924, building permits from 157 cities at $263,361,229, as compared with $211,957,777 in January and $217,418,679 in February of 1923.

The Oakland Civil Service Commission announces an examination will be held shortly for the position of superintendent of paving in the Street Department.

ALONG THE LINE

Theodore A. Eisen, dean of the architectural profession in California, died March 8 at his home at Twenty-seventh and Figueroa Sts., Los Angeles of heart disease, aged 72 years. He was one of the original members of Southern California Chapter, American Institute of Architects, of which he was past president.

Thos F. Mulcahy, general contractor and a member of the San Francisco Builders' Exchange, has been sworn in as a member of the Federal Grand Jury to serve for the next four months. Another member of the jury is Vincent J. Buckley, San Francisco architect.

According to word from Monterey, Marshall A. Dean, architect, will close his San Francisco office and locate permanently on the Monterey Peninsula where he has several projects in prospect. At the present time he is working on plans for the rodeo grounds improvements at Salinas.

Royal Miller, secretary of the Sacramento City Planning Commission, and Chris. Jones, Sacramento real estate operator, will represent that city at the national conference on city planning to be held in Los Angeles April 7.

A drive to obtain national convention of the American Society of Engineers in 1926 for Seattle was launched by the Seattle section at a recent meeting. The Portland section of the society is co-operating to secure the convention for Seattle.

W. S. Keith, Lowman Bldg., Seattle, has been appointed representative of the Standard Gypsum Company for Washington. The Standard Gypsum Company manufacturers standard hardwall plaster at Ludwig, Nevada.

C. L. Huggins, former city engineer of Berkeley, was badly cut and bruised in an auto accident March 15, when his machine was overturned as the result of a collision with another machine at Derby and Milvia streets, Oakland.

G. M. Simonson, chief electrical engineer of the State Department of Public Works, Division of Architecture, has tendered his resignation, effective April 1. He will in future be connected with a San Francisco organization.

City of Berkeley is advertising for a deputy assessor and a secretary for the City Planning Commission, the former job paying $175 a month. Communications should be addressed to John N. Edy, city manager.

Sale of 300 million feet of ripe timber on the Klamath Indian Reserve in Washington State, has been authorized by Secretary Work.

William Henry Graham, Lodi cement pipe contractor, died in that city recently. Graham came to California in 1897 and located in Lodi in 1912.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

S. F. BUILDERS' EXCHANGE DIRECTORS ELECTION

The S. F. Builders' Exchange held an election on March 17th for the new directors for the ensuing year, eleven to be elected. Following is the list of votes cast:

VOTES	CANDIDATES
198	Joseph B. Keenan, Marble Dealers' Ass'n.
197	Emil Hogberg, Mason & Builders' Ass'n.
193	Chas. W. Gompertz, General Contractors of S. F.
193	James H. Pinkerton, Master Plumbers' Ass'n.
191	C. G. Berg, Brick Manufacturers' Ass'n.
190	W. H. George, Building Material Dlrs. Ass'n.
179	D. J. Sullivan, Underp. & Housemovers' Ass'n.
170	R. J. H. Forbes, Concrete Contractors' Ass'n.
168	Alexander Mennie, Master Plasterers' Ass'n.
157	Geo. T. Bowen, Master Painters' & Dec. Ass'n.
155	J. D. McGilvray, Cut Stone Contractors' Ass'n.
148	C. S. Allred, Home Builders' Ass'n.
125	Geo. A. Wieland, Sheet Metal Contractors' Ass'n.
90	F. S. Spencer, S. F. Plan. Mill Owners' Ass'n.
84	J. G. Williams, Steel Erectors' Ass'n.
78	H. T. Lynch, Contracting Lathers Ass'n.
76	Ernest Held, Cabinet Manufacturers' Ass'n.
64	W. M. Cashman, Roofing Contractors' Ass'n.
51	E. E. Brown, Electrical Con. & Dlrs. Ass'n.
36	W. F. Garby, Lighting Fixture Ass'n.

FRESNO BUILDERS BANQUET AND ELECT OFFICERS

J. G. Martin was re-elected president of the Fresno Builders' Exchange at the annual banquet-meeting held Mar. 17. R. W. Chrouch was re-appointed secretary and manager. Other officers elected to serve for the coming year were: Vice-president E. J. Farr and Treasurer W. K. Kendrick. The Board of Directors accepted the resignation of Frank F. Minard because of conflicting duties and appointed B. A. Newman as his successor for the unexpired term.

Six directors, to serve for the next two years were chosen as follows: R. F. Felchlin, H. H. Courtright, F. F. Minard, E. J. Farr and F. B. Billings.

The principal speakers at the meeting included, Glenn M. DeVore, Fresno city legislative commissioner and Ross Cox, manager of the Valley Industrial Association.

Secretary-Manager R. W. Chrouch reported that the organization had gained eighteen new members during the year but urged the exchange to bring the membership to 250 this year.

INFERIOR BUILDING TARGET OF EXCHANGE

The Cleveland Builders' Exchange recently offered a proposal to its new city administration urging reorganization of that group as an advisory board to co-operate in building legislation and regulation. The plan was suggested with a view toward preventing inferior construction in speculative building, and it is further urged that all construction activities be combined in one department under one executive.

AGREEMENT TO BUILDING WAGE SCALE AT SEATTLE EXPECTED

Negotiations between committees representing the Seattle Building Trades council and the Seattle branch of the Associated General Contractors looking toward wage agreements are progressing, according to announcement by officials of both organizations.

It is hoped by the builders to stabilize building trades wages at the present level for a period of one year and the 15 unions of the council have begun taking a referendum vote on the proposal. The unions are expected to vote favorably on the plan and if this is the result, the new agreement will be signed up to become effective May 1 and remain in effect for one year from that date.

The referendum ballott will be completed in about two weeks and the vote will be canvassed at the last weekly meeting of the Building Trades council this month on March 28.

The wage scale under which the building trades unions having a combined membership of more than 6000, are now working, was last revised by the Building Trades council on April 1, 1923, following a custom of long standing. It was accepted at that time by the members of the general contractors' organization, though no formal agreement was signed.

The signing up of a written contract to maintain the wage scale with only minor changes for another year will, it is declared, assure a continuance of the harmonious relations now existing between the employers and the unions and assure an uninterrupted continuance of the big building program Seattle has planned for 1924.

STATE BUILDERS SUPPLY ASS'N TO TO MEET IN SOUTH

A one hundred per cent meeting of the members of the California Builders Supply Association of the Northern District was held at the Hotel Oakland Monday, March 10th. President Perry A. Sawyer, Los Angeles, president of the association, presided with Robert Smith of Berkeley acting as secretary.

An enthusiastic meeting was held and resulted in much benefit to all of the members. The membership again pledged itself to the purchase and sale of California products. Two important committees were appointed: Contract Committee and Extension Committee.

The Northern District will have monthly meetings, which will be held in the various cities within the territory.

A session of the association will be held at San Diego, March 28th, at which all of the Northern members pledged their attendance. The committee in charge of the San Diego trip consists of Alex G. Rhodes of Oakland and Stephen I. Guerin of San Francisco.

EXCHANGE VISITORS

Among the recent out of town visitors to the San Francisco Builders' Exchange, were: E. H. Grogan, J. F. Shepherd, Ross Trewitt and Al Barnett, all of Stockton. Mr. Wilson, representing the Latourette-Fical Co. of Sacramento, was also a visitor on the exchange floor.

HIGHWAY OFFICIALS TO MEET

An important meeting of Northwest state highway officials and federal road builders will be held in Salem, Ore., during the latter part of May or the first week in June, according to announcement of A. S. Dudley, managing secretary of the Oregon State Chamber of Commerce.

Prominent officials of Washington, California and Oregon are to attend the conference. Matters looking toward improved transportation facilities in the Pacific states and co-ordination to meet local, state and national needs will be discussed.

NAPA BUILDERS ELECT

The regular annual banquet-meeting of the Napa County Builders' Exchange was held in Native Sons' Hall, Napa, Monday evening, March 17th. President E. W. Doughty presided.

The following directors were elected to serve for the ensuing year: F. W. Jaekle, E. W. Doughty, Wade Shiylet, S. J. Cinnamon, W. H. Young, F. A. Pond, J. W. McNair W. C. Kinder, L. J. Alexander, R. E. Errington and W. M. Coffield.

At the next regular meeting officers for the ensuing year will be chosen from the newly elected directors.

CONTRACTORS ELECT OFFICERS

Officers and directors of the Spokane Chapter of the Pacific Northwest Branch of the Associated General Contractors elected recently were: C. A. Burnette, president; G. A. Carlson, F. E. Peterson, vice presidents; John M. Clifton, G. A. Carlson, F. E. Peterson, Chas. W. Joslin, W. G. Meyers, W. J. Smith, Otto J. Amberg, F. E. Martin, C. M. Payne, and C. A. Burnette, directors.

BUILDERS PLAN SOCIAL

Arrangements for an entertainment and banquet to be held in the exchange quarters are being completed by the Contra Costa County Builders' Exchange, with headquarters in Richmond. The affair will be staged on the evening of March 28.

The following committee has been appointed to arrange a program: E. B. Bull, chairman; M. A. Hayes, Roy Eakle and A. Hill.

CREDITORS BUY BANKRUPT PLANT

The property of the Superior Manufacturing Co., at Lodi, now known as the Superior Iron Works, was sold at a sheriff's sale for $10,900 by Deputy Sheriff Youngblood to satisfy a mortgage held by Henry C. Beckman and Otto Spenker. But one bid was offered and that by Beckman, who acted for himself and Spenker. The mortgage held by these two men with interest accrued amounted to $44,672.45.

Beckman stated that it is their intention to operate the plant and hurry out the large number of orders on hand. The plant will either be sold later to some other manufacturer or forclosed to settle the claim of Beckman and Spenker.

TRADE NOTES

The Brown Disappearing Bed Company has opened offices at 746 Phelan Bldg., San Francisco, with a display of wall beds of distinctive and beautiful designs. The Brown disappearing beds have many improved features, the company having been manufacturing beds for the past twenty years, using its experience in perfecting a disappearing bed that is up to the minute, both in detail and construction, variety of designs and finishes. The company has specialized in mahogany, walnut, oak, old ivory and white enamel finishes. Display rooms are maintained at the company offices in the Phelan Building.

Stimulation of the east bay real estate market and financial assistance to realtors in their operations is promised by the incorporation of the $3,000,000 Oakland Mortgage and Finance Company. This company, which will begin operations shortly, is the first of its kind to be established in the east bay and is the direct result of the demand for a more flexible method of handling real estate transactions. James Traverse, vice-president and treasurer of the Pacific Coast Shredded Wheat Company, heads the new company.

G. H. Wendeling and C. H. Brown, San Francisco promoters, are in Alturas seeking to have citizens subscribe $20,000 worth of stock in a $100,000 company for the establishment of a box factory in that city. J. W. Cummings, president of the Modoc County Development Board, has appointed a committee, at the request of interested citizens, to investigate the proposition. The plans in full operation, the promoters say, would have a payroll of $300,000 annually.

Sheet mills at the Pittsburg, Calif., plant of the Columbia Steel Company will be put in operation for the first time today, according to N. A. Becker, general superintendent of the works. The mill will employ over 200 skilled mechanics, who are moving to California from steel centers of the East. Enlargement of the plant has been in progress for the past year, during which time the company has spent over $1,500,000 on the expansion of the plant.

The Montague Pipe & Steel Company of San Francisco has purchased two blocks of land in Oakland bounded by Twenty-second and Twenty-fourth, Kirkham and Poplar streets and contemplates erection of a plant for the manufacture of steam boilers. The company manufactures riveted steel pipes, high pressure pipe lines, oil and water tanks, steel flumes, syphons, stacks and well casings. O. H. Fisher is president and general manager of the company.

The town and shipyards of Rolph, on the peninsula opposite Eureka, Humboldt County, has been purchased by the Little River Redwood Company, according to W. H. Cole, manager of the company.

O. F. Larson & Son, ornamental plaster and cement works, have moved from 178 Guerrero street to larger quarters at 480 Potrero avenue, San Francisco.

J. Harold Johnson, general contractor, has opened offices at Room 315 Hearst Bldg., San Francisco. Phone Garfield 6936.

San Francisco Building In 1923

Increased construction of dwellings, industrial plants, shops, apartments, garages, churches, hotels, in fact in nearly every classification of work, marked the building operations in San Francisco during 1923.

An interesting study, by Mrs. L. C. Willems, director of the information bureau of the Chamber of Commerce, shows how San Franciscans expended $46,676,079 during the year. In 1922, the building operations amounted to $45,327,206.

The comparative table, giving the amounts and the types of construction, follows:

	No.	Amount, 1922	No.	Amount, 1923
Total of all buildings		$45,327,206		$46,676,079
Dwellings	1913	9,439,629	2474	11,129,405
Flats	574	5,938,311	609	5,281,285
Apartments	259	10,485,215	296	11,986,834
Shops	28	359,155	76	1,089,530
Factories	34	904,100	63	1,677,135
Industrial plants	10	225,500	19	228,000
Warehouses	42	1,113,602	51	1,267,520
Lofts	20	757,693	15	740,138
Sheds	25	34,755	56	45,762
Studios	6	17,400		
Clubs	9	569,026	7	1,174,200
Stores	141	2,197,233	107	1,678,704
Offices	15	2,969,500	18	2,599,950
Hotels	3	735,000	5	566,000
Churches	6	328,000	9	757,885
Private garages	179	194,028	221	173,472
Public garages	19	856,690	22	486,000
Service stations	27	47,925	35	53,750
Theatres	2	56,000	5	401,500
Schools	5	41,500	4	370,000
Miscellaneous	9	498,400	24	1,792,100

Mocre Drydock Co., capitalized at $3,000,000, with the principal place of business as San Francisco, has been incorporated. Directors are: J. A. Moore, R. S. Shainwald, I. S. Lillick, W. E. Dugan, J. B. McCargar, J. H. MacKenzie and A. R. Viner.

M. A. Burns Manufacturing Co. has sold its box factory at Castella, Shasta County, and several small parcels of land adjoining, to R. D. Baker and J. W. Rodgers. Stamps on the deed indicate the price was $25,000.

Western Dredging Co., capitalized at $250,000, has been incorporated. The principal place of business is San Francisco. Directors are: H. P. Franklin, Harry Lesser and P. S. Honberger.

Mission Concrete Company, announces the removal of its offices from the Call Building to 123-125 Kissling Street, San Francisco, where combined office and warehouse quarters will be maintained.

Best Tractor Co., with a plant at San Leandro, reports a $4,000,000 business for the year 1923. The announcement is made by Leo Best, president of the company.

J. A. Mohr & Son, Inc., painting contractors, have moved from 2216 Fillmore street to larger quarters at 433 Eleventh street, San Francisco.

The Albion Lumber Company has opened an office at 42_ Pacific Electric Bldg., Los Angeles.

STEEL CHIEFS ORGANIZE

Representatives of industrial plants in the bay cities, at a recent meeting in the San Francisco offices of the Westinghouse Electric Company, organized a bay district chapter of the American Society for Steel Treating. Application to the society headquarters in Cleveland, Ohio, for a charter will be made at the next meeting, April 12, according to A. N. Armitage, metallurgist of the Columbia Steel corporation, who promoted the organization of the chapter.

NATIONAL LUMBER ASSOCIATION REPORTS TRADE RECESSION

As reflected by comparable reports from 386 of the larger commercial lumber mills of the country received by the National Lumber Manufacturing Association, there has been further recession in the lumber movement both as compared with the preceding week and with the same period of 1923.

While there was a slight increase in shipments, there were much larger decreases in production and new orders. Production increased slightly over a year ago but shipments and orders fell off.

On the other hand, the unfilled order file of 261 leading Southern pine and West Coast mills totaled 670,317,645 feet as compared with 731,577,842 feet for 265 mills in the preceding week. The unfilled orders of 132 Southern pine mills decreased from 273,712,290 to 261,954,672 feet, while 129 West Coast mills gave their unfilled order file at the end of last week as 408,362,973 as against the 457,965,552 of 135 mills a week earlier.

SOUTHERN LUMBER DISTRIBUTION GAINS, SURVEY SHOWS

According to information contained in the recent economics and statistics bulletin of the Southern Pine Association, of 2,132,429,000 feet of Southern pine lumber and timber shipped by 102 subscribed mills to 42 states and Canada in 1923, the retail trade took 56.4 per cent, wholesale 31.8 per cent, railroads 7.1 per cent and the industrial trade 4.7 per cent. The figures on distribution of the 2,132,429,000 feet of Southern pine in 1923 show the wholesale distribution increased about 17 per cent over 1922 and the industrial about 3 per cent, while retailers took about 3 per cent less and the railroads 31 per cent less than in 1922. The five principal producing states of Louisiana, Texas, Arkansas, Mississippi and Alabama consumed 30.5 per cent of the total distribution. The three Middle Western States of Missouri, Oklahoma and Kansas took 16.7 per cent. The six New England states took 2.5 per cent and Illinois, Indiana and Ohio combined took 25.4 per cent.

"OWN YOUR OWN HOME" WEEK PLAN OF REALTY BOARD

Better homes demonstrations will be held all over the country, in cities, towns and rural communities, during the week of May 11-18. For the 3d year Better Homes in America is going forward with this work of helping American families better their homes in every way possible.

San Francisco has adopted the plan, through the Real Estate Board, which is sponsoring an "Own Your Home" exposition to take place in August. Committees have been appointed to supervise the event and the work is well under way. The exposition will be conducted by the national organization and it is understood that much local co-operation has already been offered.

The new guide book of Better Homes in America for local committees, just off the press, explains succinctly why "better homes" demonstrations help communities wherever they are held, and the great good that they accomplish. This is why, the guide book points out, "better homes" demonstrations are held in communities throughout the country:

1. To demonstrate the advantage of thrift for home ownership (only 45 per cent of the families are home owners).
2. To overcome the present shortage of homes—America needs at least 600,000 new homes.
3. To make a sweet and wholesome home life available to all.
4. To assist and encourage home makers and home builders (over 90 per cent of the women of America do their own home work).
5. To improve the home environment, thereby helping to build character.
6. To increase the efficiency of the wage earner of the house.
7. To stimulate sensible and appropriate purchasing for home improving.
8. To mobilize community pride for a common objective—pride of home.

The national movement is built around the work in communities of the nation. The movement, which is completely divorced from all commercial and private interests of any kind, has the support and backing of President Coolidge, who is chairman of the advisory council; members of his cabinet, and such widely influential organizations are the General Federation of Women's Clubs, the Architects' Small-House Service Bureau, the National Federation of Business and Professional Women's Clubs, the American Red Cross and a number of others.

BUILDING ORDINANCE HINDERS FRESNO CONSTRUCTION

On the strength of a statement by Ross Cox, representing the Valley Industrial Association, that investments totaling $1,000,000 in building operations in Fresno are under suspension until a new building ordinance is drafted, the Fresno city commission ordered action to rush the completion of the new building ordinance.

Commissioner of Public Works William Stranahan announced that the new law, drawn on more up-to-date lines, is being prepared by Perry F. Brown, special city engineer, and his statement was backed by a resolution of Commissioner of Finance Thomas E. Risley urging speed in the preparation of the new ordinance.

Declaring that the association he represents has been informed of one project costing $750,000 that is being delayed because of the building laws, and will be lost if assurance is not given of a modern ordinance, Cox urged that the city building laws be "revamped and rehabilitated" as rapidly as possible.

:: PUBLICATIONS ::

The Building Trades' Department of the American Federation of Labor, Washington, D. C., has published a 44-page booklet giving a review of the National Board for Jurisdictional Awards in the building industry. The booklet accurately describes conditions and actions leading up to the conception and the formation of the board, ratification of its method of organization, its progress, and impediments encountered in its operation. The booklet is a complete history, largely compiled from letters, documents, and minutes of meetings. It recounts in unbiased fashion the famous struggle between the carpenters and the sheet metal workers over the installation of metal trim and the subsequent withdrawal of the carpenters from the Building Trades Department, also the refusal of the carpenters to abide by the decision of the board or to recognize the awards. There is a wealth of illuminating information pertaining to the function and the accomplishments of the board.

The seventh revised edition of "Standard Practical Plumbing," by R. M. Sharbuck, is an exhaustive treatise on all branches of plumbing construction, including drainage and venting, ventilation, hot and cold water supply, and circulation. It describes and illustrates the latest and best plumbing practice giving special attention to the skilled work of the plumber and to the theory underlying plumbing devices and operations. It includes a chapter on examinations for plumbers and fitters and features of governing plumbing. The volume is priced at $3.50 and may be had from the Norman W. Hanley Publishing Company, 2 W Forty-fifth street, New York City.

"Miami Snow White Cabinets" are described in a neat booklet recently issued by the Miami Cabinet Company, formerly the Miami Cycle & Manufacturing Co., Middletown, Ohio. These cabinets are manufactured of Armco ingot iron, covered with a high grade enamel that is claimed to be proof against stain or ill effect of acids or other fluids that might come into contact with it. An interesting series of bathroom medicine cabinets with steel or plate glass shelves and a high grade mirror comprises the greater of the products. Recessed or wall cabinets are supplied, and the catalog gives full details regarding installation methods.

"Modern Filing Manual," by Estelle B. Hunter, is an authoritive and up to the minute handbook on filing that should be in the office of every contractor. It tells how to install a filing system, how to file special records such as catalogs and blue prints, and how to estimate the amount of equipment and supplies required. The "Modern Filing Manual" is also a valuable reference book for the executive who desires to know what should be expected of filing operators. It is published by the Yawman and Erbe Manufacturing Company, Rochester, New York, and is priced at $3.

The Engineering Foundation, 29 W Thirty-ninth street, New York City, is issuing in book form the first fifty editions of "Research Narratives," which it began printing in 1921. Each edition contained a five-minute story of research, invention, or discovery. The stories, or material for them, were contributed by scientists and engineers of international reputation. The book of fifty narratives can be obtained from Engineering Foundation for 50 cents.

Dobbie Foundation and Machine Company, engineers and manufacturers, Niagara Falls, New York, has published Catalog No. 22 containing descriptions and prices of Dobbie steel stiff leg derricks, guy derricks, traveling cranes, clam shell derricks, together with complete descriptions, illustrations, and prices of fittings.

A feature of the March issue of California Safety News, issued by the Industrial Accident Commission, is an article by L. K. Reinhardt, construction engineer. The article refers to the buildng of the Biltmore Hotel in Los Angeles, and to the fact "that not one fatality, and only 226 accidents, occurred in connection with the erection of the structure."

The J. G. Wilson Corporation, 11 E Thirty-sixth Street, New York City, has issued a small folder describing Wilson Airkore fire doors and giving the details of their construction. Tests of the underwriters' laboratories are also described and illustrated.

The Fluxlinum Insulating Company, Saint Paul, Minnesota, is distributing a novel folder containing samples of Flaxlinum keyboard for use with magnesite stucco or hardwall plaster.

CREDITORS SEEK INDICTMENT OF A. L. CONVISSER

Creditors who claimed to have lost $44,800 in money and merchandise by the alleged disappearance of A. L. Convisser, president of the California Plate and Window Glass Co., 1477 Eddy street, San Francisco, requested the Grand Jury to indict Convisser on charges of fraud. Inasmuch as Convisser's company was declared bankrupt and placed in the hands of A. G. Claussen as receiver, the Grand Jury deloyed action on the request for indictment.

According to Attorneys L. A. Brownstone and Harry K. Wolff, appearing for the creditors, Convisser disappeared from San Francisco on January 4, last, and his wife, living in an apartment adjoining the window glass company, is said to have no knowledge of his whereabouts. In testimony offered, Convisser was declared to have obtained large shipments of glass from wholesalers on ninety-days credit, and then to have sold the shipments at large discounts for cash, none of which he applied to his liabilities.

He also was charged with having borrowed $10,800 from a friend, Max Stein, and $11,500 from another friend, George Newman, shortly before he disappeared, without making a settlement of his indebtedness. His other principal creditors are Key & Co., $9000; P. A. Smith & Co., $3500, and $10,000 in merchandise obtained from numerous smaller firms.

Convisser has been in retail glazing business at 1477 Eddy street, San Francisco, for seven years and had enjoyed, his creditors told the Grand Jury, the confidence of his business associates. He is 57 years old.

Building News Section

APARTMENTS

Plans Complete — Sub-Figures To Be Taken.
APARTMENTS Cost, $40,000
SAN FRANCISCO, S O'Farrell 114-6 E Larkin.
Four-story and basement concrete (32) apartments.
Owner—E. V. Lacey, 180 Jessie St., San Francisco.

Contractor Taking Sub-Figures.
APARTMENTS Cost, $100,000
SAN FRANCISCO, S California 103 W Jones 50 by 137-6.
Six-story and basement class C steel and brick apartment house (36 apartments.)
Owner—John & David De Martini.
Architect—E. E. Young, 2002 California St., San Francisco.
Contractor—M. A. Little, 534 Geary St. San Francisco.

Contractor Taking Sub-Figures.
STORES & APTS. Cost, $150,000
SAN FRANCISCO, Jones and Turk Sts.
Six-story and basement class C stores and apartments, 48 2-room apts., 5 stores.
Owner—Walter Plummer.
Architect—E. E. Young, 2002 California St., San Francisco.
Contractor—M. A. Little, 535 Geary St. San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $12,325
SAN FRANCISCO, W 31st Ave. 179-7 S California.
Two-story and basement frame (4) apartments.
Owner—Wm. Smith.
Architect—Ed. E. Young, 2002 Calif. St San Francisco.

Plans Completed.
APARTMENTS Cost, $18,000
SAN FRANCISCO, S California 53-4 E 17th Ave.
Two-story and basement frame (8) apartments.
Owner—L. Briess, 825 Monadnock Bldg San Francisco.
Architect—J. C. Hladik, 709 Mission St., San Francisco.

Preliminary Plans Being Prepared.
APT. HOUSE Cost, $100,000
SAN FRANCISCO, Near Fairmont Hotel
Three-story and basement frame, stucco and brick veneer apt. house (18 3 and 4-room apts.)
Owner—Withheld.
Architect—W. H. Ratcliff, Mercantile Trust Bldg., Berkeley.

Plans Complete.
APARTMENTS Cost, $20,000
SAN FRANCISCO, NE Lombard and Franklin streets.
Three-story and basement frame (9) apartments.
Owner—G. A. Metcalfe.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.

Contract Awarded.
APT. HOUSE Cost, $37,000
SAN FRANCISCO, E Taylor 62-6 N Clay.
Three-story and basement reinforced concrete apt. house.
Owner—Depaoli & Podesta, 1349 Grant Ave., San Francisco.
Architect — C. H. Barrett, 342 Grant Ave., San Francisco.
Contractor—G. Pasqualetti, 746 Union St., San Francisco.

Sub-Figures To Be Taken Next Week.
APT. & STORE BLDG. Cost, $200,000
SAN FRANCISCO, N Turk St. 87-6 W Leavenworth.
Seven-story and basement reinforced concrete apt. and store bldg. (2 stores and 50 2-room apts.)
Owner—A. Penziner, 750 Taylor St, San Francisco.

Figures To Be Taken Next Week.
APARTMENTS Cost, $30,000
SAN FRANCISCO, California St. near Fillmore.
Three-story and basement frame apts. (12 2-room apts.)
Owner—Mrs. M. Mahoney.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.
Bids will be taken for a general contract.

REDONDO BEACH, L. A. Co., Cal. — Robinson,Roberts Co. has the contract to erect a 3-story stucco apt. house on the Strand north of the municipal pier. The bldg. will have pile foundation. L. B. Pemberton, archt. and engr.

Contract Awarded.
APARTMENTS Cost, $20,890
SAN FRANCISCO, W 15th Ave. 203 S Geary.
Two-story and basement frame apartment building.
Owner—Jos. Kohlbecher, 283 4th St., San Francisco.
Architect—F. G. Munk Jr., 58 Francis St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.

LOS ANGELES, Cal.—W. I. Murray, 413 Western Mutual Life Bldg., has completed plans for a 3-story apt. bldg to be erected on S Alexander St. and Western Ave. for a local client. There will be 27 single and 3 double apts. Three-story 45x120 ft., frame and stucco constr., tile rfg., gas rads., aut. water htrs., tile baths and drainboards., hard wood fls., pine trim, wall beds, refrigerators, fire escapes, electric service elevator; $85,000.

LOS ANGELES, Cal.—Kenneth Albright, 6426 Hollywood Blvd., L. A., is preparing preliminary drawings for a $250,000 4-story brick apt. bldg. containing 40 apts. to be erected on Sunset Blvd., owners name withheld.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. **Fold-up-Dors,** Ti-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-slipping flooring.—Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET

Sutter 5907 San Francisco

LONG BEACH, L. A. Co., Cal.—H. E. Ketchum, 1705 E. First St., Long Beach has the contract to erect a $75,000, 92-rm. 28-unit 2-story 50x150 ft. store and apt. bldg. at 213 Mira Mar, Ave., Long Beach, for Mrs. Emma K. Kemble. Plans by L. H. Krenkham. Mr. Kremble husband of the owner, contemplates a similar bldg. on the lot adjoining.

LOS ANGELES, Cal.—L. K. Shostak, 418 Grant Bldg., has had plans prepared for a 4-story class C apartment house to be erected at the n.w. cor. of 8th St. and Westmoreland Ave. for himself. It will contain 39 apartments; dimensions, 110x55 ft., brick construction, stucco and cast stone facing, plate glass, comp. rfg., fire escapes, metal skylights, pine trim, oak and pine flrs., steam htg., tiled baths, wall beds; $90,000.

LOS ANGELES, Cal—Morthland Construction Co., 1530 N Western Ave., has prepared plans and has the contract to erect a 77-room 36-apartment bldg. on Ingraham St. between Union Ave. and Little St. for F. E. Brown, 450 S Western Ave. Three story, 52x114 ft., brick construction, press. brick facing, comp. rfg., pine trim, oak and pine fls., tiled baths, wall beds, gas rads., water htrs.; $90,000.

BONDS

BELLFLOWER, L. A. Co., Cal.—The Bellflower grammar school bond issue for $52,500 has been sold to the Cal. Securities Co. at a premium of $536. On March 28, Citizens of Bellflower will vote on the site and work is to be started soon thereafter. George E. McCauley is clerk of the board.

SAN BERNARDINO, San Bernardino Co., Cal.—The court house bond issue of $850,000 will be voted on at election to be held May 6. The items are: $100,000 for site; $675,000 for bldg.; and $75,000 for equipment.

PASADENA, L. A. Co., Cal.—March 28th is announced as the date for holding an election in Pasadena to vote bonds in the sum of $875,000 to finance city school district development, including buildings. An issue of $2,119,000 for high school bldgs. and land is included in this election program.

FRESNO, Fresno Co., Cal.—Election will be held April 11 in Pinedale School District to vote bonds of $28,000 to finance erection of new school. Trustees of district are: C. A. Morehouse, E. Winslow and John Jones.

SAN JOSE, Santa Clara Co., Cal.—Until April 7, bids will be rec. by county supervisors for purchase of $200,000 bond issue of Palo Alto School District; proceeds of sale to finance school improvements.

OROVILLE, Butte Co., Cal.—Mooretown School District defeats proposal to issue bonds of $4000 to finance erection of new school.

HANFORD, Kings Co., Cal. — City sells $190,000 civic auditorium bond issue for premium of $2261. Plans for structure are being completed by Architects Coates and Traver, Rowell Bldg., Fresno.

CHURCHES

RIPON, San Joaquin Co., Cal.—Congregation of Holland Church has started campaign to raise $18,000 to finance erection of new church building to seat approx. 500 persons. Site has been purchased at corner of 2nd and Orange Avenue.

Heating, Electric & Plumbing Contracts Awarded.
CHURCH ETC. Cost, $33,480
BERKELEY, Alameda Co., Cal., Berryman and Milvia Sts (St. Mary Magdeline Church).
Frame and stucco church and rectory with tile roof.
Owner—Roman Catholic Archbishop.
Architect — Beezer Bros., 1915 Steiner St., San Francisco.
Contractor — John P. Brennan, 1519 Hearst St., Berkeley.
Heating awarded to Walter Mork, Bristol and San Pablo Ave., Berkeley.
Electric to L. Kruse, 6048 College Ave., Berkeley.
Plumbing to Henry P. Murphy, 1321 Milvia St., Berkeley.

Contract Awarded.
MAUSOLEUM Cost, $9765
HOME OF PEACE CEMETERY, San Mateo Co., Cal.
All work except bronze doors and marble work for mausoleum.
Owner — Estate Morris Hyman (deceased).
Architect—Samuel Lightner Hyman & A. Appleton, 68 Post St., S. F.
Contractor—D. Tosi & Co., Colma.

LOS ANGELES, Cal.—Archt. Robert H. Orr, 1300 Corporation Bldg., has completed preliminary plans for a brick church bldg., to be erected at Normandie Ave. and Santa Monica Blvd. for the South Hollywood Presbyterian Church; it will contain an auditorium to seat about 500 people and social hall in basement. Brick walls, 80 by 100 ft., tile or slate rfg., basement, gas htg., hardwd. and cem. fls., pine and hardwd. trim, art glass.

TUJUNGA, L. A. Co., Cal. — R. T. Smith, 480 W Michigan St., Tujunga, has the contract to erect a new church bldg. at Tuunga for the Tujunga Community Church. Plans drawn by Arthur G. Lindley, Chas. R. Selkirk, assoc., 800 American Bank Bldg.; 74x80 ft., concrete basement, cobblestone, frame and stucco walls, clay tile rfg., gas htg., art glass, pine trim; $30,000.

SANTA BARBARA, Santa Barbara Co., Cal.—Daniel Wagner, San Francisco, was awarded general contr. at $97,000 for erecting the new temple of the Masonic Temple Assn. Other contracts awarded were: Plumbing to Ott Hdwe Co., $5758; electric work to F. J. Kliman, San Francisco, $2294; heating to J. A. Nelson, San Francisco, $13,360; painting to A. A. Zelinsky, San Francisco at $3770; structural steel to Llewellyn Iron Works, Los Angeles, at $5375; Carl Werner, San Francisco, is the archt. The total cost of the bldg. will be approx. $158,264. The bldg. will be 88x120 ft., 4-story, and will contain stores on the ground floor, lodge quarters on the second with offices on the third and fourth. Oscar W. Smith is secy. of the Masonic Bldg. Assn.

GLENDALE, L. A. Co., Cal.—Roy L. Kent Co., 130 S Brand Blvd., Glendale, is preparing working drawings for a 2-story church edifice for the First Baptist Church at n.w. cor. Wilson and Louise Sts.; the present edifice will be incorporated in the new structure; class C struc. steel, plas. exter., tile rf., tower 18 ft. square, 90 ft. high, terra cotta exter. trim, pipe organ, echo organ, auditorium seating 1300 persons; constr. to start in July; $175,000.

SANTA BARBARA, Santa Barbara Co., Cal.—Archt. Robert H. Orr, 1300 Corporation Bldg., is completing revised plans for a Sunday school bldg., to be erected at the corner of Chapala and Pedregosa Sts., Santa Barbara, for the Central Christian Church of Santa Barbara; it will contain assembly and classrooms. Frame and plaster construction, tile rfg., gas htg., water htr., pine and hardwd. fls., art glass, pine and hardwd trim; $40,000. There will be a large church bldg. built on the site at a later date.

PASADENA, L. A. Co., Cal.—Archts. Marston, Van Pelt & Maybury, 25 S Euclid Ave., Pasadena, have been commissioned to prepare plans for the new $90,000 church bldg. to be erected on S Lake Ave., Pasadena, for the United Presbyterian church, now at Colorado St. and Los Robles Ave. O. D. Galbraith, committee chairman; Miss Grace Webster, secretary.

LOS ANGELES, Cal.—Meyer & Holer, 515 Wright & Callender Bldg., have completed plans for a new church to be erected on Normandie Ave. between 4th and 5th Sts. for the Ninth Church of Christ Scientist. Two-story and basement, 115x245 ft., brick construction, ruffled brick facing; cast stone trim, clay tile rfg., hardwood and pine trim, art glass, marble and tile work, heating and ventilating; $400,000.

BAKERSFIELD, Kern Co., Cal. — Archt. Robert H. Orr, 1300 Corporation Bldg., Los Angeles, is preparing plans for a new church bldg. to be erected at Bakersfield for the First Christian Church of Bakersfield; it will contain auditorium and balcony to seat about 800 people, basement with social hall and classroom. Brick walls, 70x132 ft. with wing, 60x145 ft., plaster exter., tile and comp. rfg., hardwood and cem. fls., gas htg., art. glass, water htr, pine and hardwood trim; $100,000.

WOODLAND, Yolo Co., Cal.—Building Committee of Methodist Episcopal Church has approved plans for new $50,000 edifice to be erected at North and Second Sts., and bids will be asked at once. Building committee consists of Ernest Brown, chairman; T. E. Brown, George Miller, Bruce Brubaker, Fred Leiser, Mrs Gertrude Rasmussen, Mrs. E. C Toothaker, L. J. Shuman and Clarence Porteus. Rev. G. G. Berger is pastor.

All-Key Plaster Lath
(Patented)
100% Mechanical Key.

Plaster Wall Board
(Patent applied for)
The Last Word in Wall Board.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

DAVIS, Yolo Co., Cal.—Community Church, recently destroyed by fire, will be rebuilt at a cost of approx $100,000 of which $50,000 is already pledged. Rev. Nathan M. Fiske is pastor.

FACTORIES AND WAREHOUSES

Contract Awarded.
WAREHOUSE Cost, $13,132
SAN FRANCISCO, S Stevenson St., 275 W 6th St.
Three-story and basement reinforced concrete warehouse 25x75, freight elevator.
Owner—Weinstein Co., care architects.
Architect — Wm. F. Gunnison & H. Merritt, associated, 57 Post St., San Francisco.
Contractor—M. E. Green, 180 Jessie St., San Francisco.

Low Bidder.
FACTORY Cost, $11,920
OAKLAND, 8th and Jefferson Sts.
One-story reinforced concrete factory.
Owner—Mary Hayes.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.
Low Bidder — Hansen Robertson & Zumwalt, 4145 Broadway, Oakland

Plans Being Prepared.
ADDITION Cost, $30,000
SPARKS, Nevada Co., Cal.
Addition to 1-story frame and galv. iron parking plant.
Owner—Pacific Fruit Exchange, S. P. Bldg., San Francisco.
Engineer—H. P. Whyte, S. P. Bldg., San Francisco.
Work will be done by the company's forces.

Steel Bids In.
PACKING PLANT Cost, $80,000
ROSEVILLE, Placer Co., Cal.
One-story reinforced concrete & steel packing plant.
Owner—Pacific Fruit Exchange, S. P. Bldg., San Francisco.
Engineer—H. P. Whyte, S. P. Bldg., San Francisco
The general work will be done by the company's forces.

Plans Being Prepared.
LOFT BLDG. Cost, $80,000
SAN FRANCISCO, W 3rd S Brannan.
Two-story and basement reinforced concrete loft bldg.
Owner—Walter Sullivan.
Architect—Leo J. Devlin, Pacific Bldg. San Francisco.
A lease is pending.

Plans Being Re-drawn For a Larger Building.
LAUNDRY BLDG. Cost, $110,000
SAN FRANCISCO, 18th & Alabama Sts.
Two-story and basement class C reinf. concrete laundry bldg. 200x200, a 1 & 2-sto extension to be 40x100 ft.
Owner—Independent Laundry.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Bids recently were returned to the bidders unopened.
Bids will be taken for a general contract.

Plans Complete.
SHOP Cost, $8000
SAN FRANCISCO, SE Langton and Harrison streets.
One-story reinforced concrete shop.
Owner—Merton J. Price, 850 Pacific Bldg., San Francisco.
Architect — Dodge A. Riedy, Pacific Bldg., San Francisco.

OAKLAND, Cal.—Niedringhaus, Inc., formerly the St. Louis Metalware Co., a $750,000 corporation of St. Louis, Mo. has filed articles of incorporation in Oakland and indicate they will erect a plant on a five acre site in East Oakland, between the S. P. and W. P. tracks.

LOS ANGELES, Cal.—Sperry Flour Co. has purchased a 6-acre tract at Fruitland and Maywood Aves. in the central manufacturing dist. as a site for a new flour mill plant and bldgs. to cost $1,000,000. Archt. Maurice Couchot 234 Pine St., San Francisco, has been commissioned to prepare plans for the new plant. The present property of the company at 7th and Alameda Sts. will be sold.

FAIRFIELD, Solano Co., Cal.—California Peach Growers' Assn. proposes to rebuild warehouse plant recently destroyed by fire. The loss is estimated at $125,000.

BURBANK, L. A. Co., Cal.—Chamber of Commerce reports that J. K. Armstrong and Philip Gresham, representing cotton mill owners, have purchased a site on the n side of So. Pac. Ry., about 300 yds. beyond Turkey crossing, from E. G. Warren of Glendale, as location for a cotton mill. Jollie & Rennie assisted in the negotiations.

EL MONTE, Los Angeles Co., Cal. — W. A. Playter, head of the Mission Laundries at Pasadena, Redondo and Paso Robles, has announced plans for a new laundry plant at El Monte costing $65,000. He is selecting a site.

LOS ANGELES, Cal.—The public service commission, 207 S Broadway, has had plans prepared and will erect a 2-story class A warehouse on Ducommun St., between Alameda and Hewitt Sts., for itself. Dimensions, 460x100 ft., rein. conc. and brick walls, reinf. conc. fls. and roof slab, comp. rfg., steel sash, metal skylights, elevator; $150,000.

ALTURAS, Modoc Co., Cal.—G. H. Wendling and C. H. Brown, San Francisco, at public meeting of Alturas residents, request them to subscribe $20,000 in a $100,000 company for the establishment of a box factory in Alturas. J. W. Cummings, chairman of the Modoc County Development Board, presided at the meeting. A committee was appointed to investigate the offer and report back at a meeting of citizens to be called within the next few weeks.

LOS ANGELES, Cal.—Archt. John M. Cooper, 321 March-Strong Bldg., is revising plans and has the contract to erect a class A loft bldg., to be erected at 732 S Los Angeles St., for Silverman & Malsman; the bldg. has been leased to Grether & Grether. Reinf. conc. construction, 6-story and basement, 95x147 ft., comp. rfg., press. brick and art stone facing, plate glass, metal skylights, steel sash, cem. fls., 2 elec. elevators, sprinkler system.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 227 Higgins Bldg., has completed plans and is taking bids for erecting a 5-story class C store and loft bldg. on Figueroa St. s of 8th St. for himself. Dimensions, 50x155 ft., brick walls, rug. brick and terra cotta facing, plate glass, steel beams, comp. rfg., fire escapes, steel sash, metal skylights, passenger and freight elevators; $85,000.

LOS ANGELES, Cal.—Mathis Construction Co., 753 San Pedro St., has been awarded a contract at about $150,000 for erecting a 5-sto. and basement class A addition and adding two stories to the present telephone exchange bldg. on Gower St. near Sunset Blvd. for So. Cal. Telephone Co. The new addition will be 41x50 ft. and the present bldg. is 50x80 ft; steel frame construction, brick curtain walls, plas. exterior, reinf. conc. flrs. and roof slab, metal frames and sash, fireproof doors, galvanized iron cornice, comp. flrs., elevator, steam htg.

FLATS

Contract Awarded.
FLATS Cost, $10,500
SACRAMENTO, Cal. No. 3401 J St.
Two-story 5-room each to flat and garage.
Owner—M. C. Brown, 812 28th St., Sacramento.
Architect—None.
Contractor—W. R. Saunders, 2614 I St., Sacramento.

Segregated Figures To Be Taken Next Week.
FLAT Cost, $15,000
SAN FRANCISCO, NE 27th Ave. and Irving St.
Two-story frame and stucco store and 9 room flat.
Owner—Geo. Solmon.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.
Grading and concrete work awarded to Fontanella & Tezza.

To Be Done By Day's Work.
FLATS Cost, $10,000
SAN FRANCISCO, S Chestnut 125 W Franklin.
Two-story and basement frame (2) flats.
Owner—Gabriel Tallerico and J. Mecona, 446 Union St., S. F.
Architect—L. Zanolini, 604 Montgomery St., San Francisco.

To be Done by Day's Work.
FLATS, ETC. Cost, $13,500
SACRAMENTO, Sacramento Co., Cal. No. 3427 J St.
Two-story frame flat building (4 4-room flats and garage.
Owner—A. W. Simonds, 2005 L St., Sacramento.

Plans Complete—To Be Done By Day's Work.
FLATS Cost, $13,000
SAN FRANCISCO, W 6th Ave. S Irving.
Two-story frame flats.
Owner—H. J. Hunt.
Architect—C. O. Clausen, Hearst Bldg. San Francisco.

GARAGES

Contract Awarded.
GARAGE Cost, $66,700
EMERYVILLE, San Pablo Ave., bet. 38th and 39th Aves.
One-story reinforced concrete auto sales and garage bldg.
Owner—Cozzens-Ball Inc., 48th St. and San Pablo Ave., Oakland.
Architect — Frederick Soderberg, 276 Perkins St., Oakland.
Contractor—Lawton & Vezey, 357 12th St., Oakland.

Concrete Contract Awarded.
GARAGE Cost, $—
SAN FRANCISCO, E Stockton 59-6 Pacific Street.
Two-story reinforced concrete public garage.
Owner—G. B. Antonini, M. J. Capelli, S. Ratto, T. Morlini and T. Canepa.
Architect — Matthew O'Brien, Nevada Bank Bldg., San Francisco.
Concrete work awarded to John Spargo Russ Bldg., S. F. at $34,000.

LOS ANGELES, Cal.—William Allen, 1005 Bank of Italy Bldg., is preparing plans for a 1-story store and garage bldg. to be erected on 16th St. bet. De Long and Wright Sts. for H. H. Hellbush; it will contain 2 stores and large public garage. Brick walls, 120x135 ft., press. brick facing, comp. rfg., cement fls., wood roof trusses, plate glass, metal skylights, steel sash, wire glass, gas rads.

GOVERNMENT WORK AND SUPPLIES

KETCHIKAN, Alaska — Following bids rec. by Light House Supt., Ketchikan, to fur. 30 h.p. gasoline hoist, double drum, and derrick swinging gear:
Mead-Morrison Mfg. Co., $2445, 56 days.
Novo Engine Co., $2640, shpt. 7 days.
Washington Iron Works, $3030.50. 45 days, accepted.
Clyde Equipment Co., $3150, 45 days.
Lambert Hoisting Engine Co., $3165, 45 days.
Howard-Cooper Corp., $3515, 35 days.
Pacific Hoist and Derrick Co., $3-621.25, 56 days.
Lidgerwood Mfg. Co., $3525, 63 days.
Fairbanks, Morse & Co., $3567, 21 days.

PORTLAND, Ore.—Following is complete list of bids rec. by U. S. Engineer Office, Portland, under Circular 489, to fur. stone for north and south jetties at the entrance to Coos Bay, Ore.:
Pacific Bridge Co., Portland, Oreg., $1.47 ton; total, $1,302,420.
Hauser Construction Co., Portland, Oreg., 97c ton; total, $859,420.
Johnson Contract Co., Portland, Ore., $1.24 ton; total $1,098,640.
Porter & Conley, Portland, Ore., $1.20 ton; total, $1,063,200.
The Robarts Towing Co., Portland, Oreg., $1.184 ton; total, $$1,049,024.
Guy F. Atkinson & Lynn S. Atkinson, Jr., Portland, Ore., $1.229 ton; total $1,088,894.
Jopling & Eldon, Portland, Oreg.,

KETCHIKAN, Alaska — Following bids rec. by Lighthouse Supt. at Ketchikan, to fur. stiff-leg derrick, galvanized steel, 80-ft. boom:
King Bros. Boiler Works, $2877, 40 days.
Bacon & Matheson Forge Co., $3600, 75 days, accepted.
Lidgerwood Mfg. Co., $4170, 63 days.
Clyde Equipment Co., $4637.50, 84 days.
Pacific Hoist and Derrick Co., $5600, 56 days.
Howard-Cooper Corp., $5818, 40 to 60 days.
The McMyler Interstate Co., $7890, 90 days.

NEW DUNGENES, Wash.—Bureau of Yards and Docks, Navy Department, has completed Specification No. 4938 to rebuild the radio compass station power plant at New Dungenes, Wash. Bids will be asked shortly.

LUMBER

2 x 4 and 2 x 6 soft Pine, S4S, irregular ends, 6 to 10 feet lengths, some nail holes, nice clean stuff.

$15.00 per M. (Our Yards)

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Flat White $1.60
Outside White 2.10
White Enamel 2.10
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SAN FRANCISCO — Until March 25, 11 a. m., under Order No. 5210, bids will be rec. by U. S. Engineer Office, 85 2nd St., to fur. and del. Rio Vista, Solano county. 1 check valve, horizontal, 1½-in., 200 lb.; 50 ft. air hose, ½ in., no couplings; 2 basin cocks, indexed hot and cold, Tesla, Jr.; 1 gate valve, 1½ in. screw ends, 125-lb. pressure; 3 nipples, close, black 1¼ in.; 3 nipples, close, black, 1½ in.; 12 bell reducers, black, ¾ in. to ½ in.; 6 elbows, black, 1¼ in.; 60 ft. pipe, galv., ¼ in.

BREMERTON, Wash. — Parker and Wood, Bremerton, at $13,913, time for completion 90 days, awarded contract by Bureau of Yards and Docks, Navy Department, to erect barracks for radio operators at Bremerton, under Specification No. 4928.

OGDEN, Utah—Until April 22, 2 P. M., bids will be rec. by Purchasing Agent, U. S. Forest Service, Ogden, to furnish barbed wire and fence staples. Blanks for bidding and further information obtainable from above.

MARE ISLAND, Calif. — Following bids rec. by Public Works Officer, Mare Island Navy Yard, to fur. and place approx. 900 tons hard stone rip rap to form embankment along longitudinal dike at Mare Island Navy Yard:

Daniel Contracting Co., 503 Market St., San Francisco, (a) $1.94 per ton, completion 90 days; (b) $1.84 ton, completion 150 days.

Healy-Tibbetts Construction Co (low bidder) 64 Pine St., San Francisco, (a) $1.82 ton, completion 90 days; (b) $1.83 ton, completion 150 days.

WASHINGTON, D. C.—Until March 29, 10:30 a. m., bids will be rec. by Purchasing Officer, Panama Canal, under Circular No. 1595, to fur. Balboa (Pacific Port): lumber (Southern yellow pine, Douglas fir, white ash, cypress or poplar), strap iron, chain, nails, band saws, blacksmith's drills, electrical switches, packing, sandpaper, etc. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

SAN FRANCISCO—A. D. Kern, Exchange Bldg., Portland, Ore., submitted only bid to U. S. Engineer Office, Customhouse, to fur. and del. 180,000 tons stone to construct jetty at entrance to Humboldt Bay; class 1 stone, $3.15 ton; class 2, $3 ton; class 3, $2.78 ton; class 4, $1.80 ton. Bids taken under advisement.

SAN DIEGO, Calif.—Bids are being rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 4933, to erect barracks, storehouse, seven quarters, concrete roads and walks, railroad siding and sewer, water, steam, gas, electric power and light and telephone connections at Naval Operating Base, Marine Corps, San Diego. Date for opening bids has not been set as yet. **See call for bids under official proposal section in this issue.**

SAN DIEGO, Cal.—Until April 2, 11 a. m., under Specification No. 4961, bids will be rec. by Bureau of Yards and Docks, Navy Department, to surface parade grounds at San Diego with rock and asphaltic oils. **See call for bids under official proposal section in this issue.**

SAN FRANCISCO—Until March 26, 11 a. m., under order No. 5212-557, bids will be rec. by U. S. Engineer Office, 85 2nd St., to fur. and del. Rio Vista, Solano county: 10 ft. belting, double, leather, ⅞ in. wide, extra flexible for steam governor; 100 lbs. flax packing, square, best quality, extra long fibre, ⅞ in.; gauge glass washers, high pressure, similar to "Gilberts" design, ¾ in. No. 3.

WASHINGTON, D. C.—Bureau of Yards and Docks, Navy Department, announces the cancellation of the following proposed projects:

Specification 4946, Pearl Harbor, hospital buildings.

Specification 4955, San Diego, Calif., hospital buildings.

Specification 4956, Mare Island, oil wharf.

SAN FRANCISCO—Abeel & Co., 74 New Montgomery St., San Francisco, at $649 submits low bid to Constructing Quartermaster, Fort Mason, to convert pumping plant at Fort Miley, Calif., from oil burning to electric. Other bids: California Hyd. Eng. & Supply Co., $814.50, Fairbanks, Morse Co., $800 H. G. Thiele, $798; Hunt, Mirk & Co., $766.68.

CALIFORNIA—The House Rivers & Harbors Committee has requested Board of Army Engineers to review situation in Suisun Bay from Martinez to Antioch to determine whether the volume of commerce warrants improvement of channel south of Seal Island so as to get a better channel into Bay Point.

SAN FRANCISCO—Until March 27, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5213, to fur. and del. Rio Vista, Solano county, paints, oils, brushes, etc.

SAN FRANCISCO—Until March 25, 11 a. m., bids will be rec. by U. S. Engineer Office 85 2nd St., under Order No. 5211-557, to fur. and del. Rio Vista, Solano county: miscellaneous hardware, wire rope and supplies. Further information on request.

HALLS AND SOCIETY BUILDINGS

Contractor Taking Sub-Figures — Plumbing, Heating and Electric Contracts Awarded.

SWIMMING POOL Cost, $41,402

SAN FRANCISCO, portion of Presidio lands.

Swimming pool and addition to reading room and lobby.

Owner—Y. M. C. A., San Francisco.

Architect — Bakewell & Brown, 251 Kearny St., San Francisco.

Contractor—K. E. Parker Co., Clunie Bldg., San Francisco.

Heating and plumbing awarded to Jas. H. Pinkerton, 927 Howard St., S. F.

Electrical work to H. S. Tittle, 85 Columbia, S. F.

Plans Being Figured.

SORORITY BLDG. Cost, $30,000

BERKELEY, Alameda Co., Cal., Le Conte and Arch Sts.

Three-story and basement frame and stucco sorority bldg with slate roof.

Owner—Delta Zeta Sorority, 1837 Arch St., Berkeley.

Architect — Miss Julia Morgan, Merchants Exchange bldg., S. F.

Bids are being taken from a selected list of contractors for a general contract.

Contract Awarded.

CARPENTRY ETC. Cost, $16,934

SAN FRANCISCO, Geary St., bet. 8th and 9th Aves.

Rough and finish carpentry flooring mill work and stair work for Star of the Sea Rectory.

Owner — The Roman Catholic Archbishop.

Architect—John Lofquist, 1399 Tamalpais, Berkeley.

Contractor—Andrew Lynch.

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WATSONVILLE, Santa Cruz Co., Cal. —Appointment of a committee of seven to proceed with tentative plans for the organization of the Pajaro Valley Country Club, with the possible investment of from $100,000 to $150,000 was the outgrowth of an enthusiastic meeting of potential members, held at the chambord rooms recently. In addition to a large club house, it is proposed to lay out a golf course.

SACRAMENTO, Cal.—City Dept. of Architecture preparing plans for rustic golf clubhouse to be erected in William Land Park. Structure will be financed by Sacramento Golf Club and citizens. Will contain locker, shower and club rooms on first floor with caretaker's living quarters on 2nd floor.

BAKERSFIELD, Kern Co., Cal.—Architect Engene K. Martin, Bakersfield is preparing plans for an addition to the new Caledonia Masonic Temple of East Bakersfield. The bldg. is to be completed as a 3-story bldg., 80x100 ft., with basement, instead of a 1-story bldg. Est. cost of structure, including new auditorium, $100,000. The ground floor will contain stores and there will be 7 office suites on part of the second floor. The banquet room will contain space for 500 guests. The bldg. will be located on Baker St., bet. Lake and Kentucky Sts. Steel frame, pressed brick exter.

PASADENA, L. A. Co., Cal.—William C. Crowell, 414 Security bldg., Pasadena, has the general contract to erect the $160,000 Scottish Rite Cathedral bldg. on the n side Madison Ave., bet. Walnut and Herkimer Sts. Other contracto s are: E. O. Nay Co., heating, ventilating and plumbing; H. L. Miller Electric Co., electric work; W. G. Feesenecker, painting; Joseph J. Blick, Dodworth bldg., Pasadena, archt. Concrete construction, found. 105x155 ft., high, basement, auditorium to seat 800, library, billiard room, banquet rooms, kitchen, pipe organ, steel trusses, maple floors.

HOSPITALS

Contract Awarded.

HOSPITAL Cost, $—

SAN FRANCISCO, S E Jackson and Trenton Streets.

Four-story reinforced concrete hospital.

Owner—Chinese Six Companies.

Architect—Alfred I. Coffey, Humboldt Bank Bldg., San Francisco.

Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Contract has been awarded at approx $146,000 including an Otis elevator.

SACRAMENTO, Cal.—The following bids were received on March 14th by Geo. B. McDougall, State Architect:

R. G. Blessing, 60 days	$5750
J. A. Drummond, 45 days	5987
C. L. Passmore Co., 100 days	7500
Alternate	5900
Gladding McBean Co., 30 days	8780

SACRAMENTO, Cal.—Hhe following bids were received on March 14th by Geo. B. McDougal, State Architect:

J. A. Drummond, 30 days	$2725
Gladding McBean Co., 30 days	2960
R. E. Fraser Co., 90 days	2975

BURBANK, L. A. Co., Cal.—Officials of the Burbank Hospital have announced plans for a 3-story addition costing approx. $100,000, which will be erected within the next few months. Work is planned to start in three weeks. The first floor will contain emergency dept., laboratory, X-ray and hydrotherapy depts., the second private rooms and baths, while the main operating room will be located on the third floor.

EUREKA, Humboldt Co., Cal.—Until April 15, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to reshingle county hospital. Plans on file in office of clerk.

NAPA, Napa Co., Cal.—Construction will be started this summer on a building to house women working patients at the Napa State Hospital. Approx. $50,000 will be expended of which $5000 will go to furnishing the structure.

MARTINEZ, Contra Costa Co., Cal.—The Board of Supervisors of Contra Costa County received the following bids on March 17th for the construction of a two-story hollow tile nurses' home building to be erected adjoining the County Hospital property in Martinez. The general contract was awarded to Murch-Williams Co., Fox Building, Oakland and the heating to Thos. J. Kennedy of Martinez. Jas. T. Narbett, 910 Macdonald Ave., Richmond, is the architect.

General contract

(a) tile roof; (b) asbestos roof.
Murch-Williams Co., Oakland, (a) $18,-061; (b) $250 deduct.
L. V. Perry, Concord, (a) $20,000; (b) $19,750.
Miner Co., (a) $20,970; (b) $20,570.
Paul K. Jones, San Francisco, (a) $21,-429; (b) $310 deduct.
H. S. Mendelson, Martinez, (a) $21,488; (b) $—.
W. Snellgrove, (a) $23,240; (b) $22,946.
Webb and Whalin, (a) $23,490; (b) $23,354.
John Branagh, (a) $23,721; (b) $23,521.
F. A. Maurice, (a) $23,770; (b) $300 ded
Barrett and Hilp, (a) $23,990; (b) $23,-840.
Trobock and Cress, (a) $28,142; (b) $340 deduct.

Heating

Thos. J. Kennedy, Martinez.....$1769
John I. Collins, Richmond..... 1955
W. K. Nottingham, Oakland..... 2172
F. J. Edwards, Oakland..... 2345
Geo. Schuster 2390
J. G. Grierson 2393
L. J. Madden 2825

STOCKTON, San Joaquin Co., Cal.—See "Pipe Lines, Wells, Etc.," this issue. Bids wanted to drill well, install pump and electric work at San Joaquin County General Hospital.

LA VERNE, L. A. Co., Cal.—David & Margaret Home Building campaign comm. has $75,000 toward new bldg. It is expected that work will start by April 1st. The home is being erected by the David and Margaret Home for Children, which is a member of the Method st Conference. The proposed bldg. will accommodate 125 children.

SAN FERNANDO VALLEY, L. A. Co. Cal. — Archt. Lyman Farwell, 308 Laughlin Bldg., Los Angeles, has prepared plans for a number of bldgs. to be erected in the San Fernando Valley for the McKinley Home. There will be four dormitory bldgs., each 2-story, 120x46 ft., with end wings to accommodate 72 boys each. Other bldgs. will be administration bldg., chapel, hospital, school, gymnasium, printing shop, laundry and steam plant, lounging pavilion and cottages. Segregated bids will be taken immediately on the administration bldg.

SAN JOSE, Santa Clara Co., Cal. — L. F. Durley at $725 awarded contract by county supervisors to erect silo at county almshouse.

BAKERSFIELD, Kern Co., Cal.—A. Weill, Bakersfield, at $1869 submits low bid to county supervisors to fur. and install hardware in the Old Folks' Home at County Hospital. Other bids, taken under advisement, were: Bakersfield Hardware Co., $1925; Pioneer Mercantile Co., Bakersfield, $1950. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield.

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BAKERSFIELD, Kern Co., Cal.—Star Electric Co., Bakersfield, at $4,684 awarded contract by supervisors to fur. and install electric lighting fixtures in Kern General Hospital. Other bids: Clyde S. Smith, Fresno, $6373; Kern Valley Electric Co., Bakersfield, $5100 with lights and $4800 without lights; Jason Electric Co., $4999. Chas. H. Biggar, Architect, Bank of Italy Bldg. Bakersfield.

HOTELS

Contract Awarded.
CLASS B ANNEX Cost, $47,500
SAN FRANCISCO, 589 Post St.
Five-story class B annex to hotel. (Knickerbocker Hotel).
Owner—Francis and Maria M McAllister.
Architect—Wm. F. Gunnison & H. P. Merritt, 57 Post St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Plans Being Prepared.
HOTEL ANNEX Cost, $125,000
SAN FRANCISCO, Downtown District.
Five-story and basement reinforced concrete hotel annex 55 x 137.
Owner— —
Architect—Wm F. Gunnison & H. P. Merritt, 57 Post St., San Francisco.
Plans will be ready for figures in six weeks.

Plans Complete.
HOTEL Cost, $—
YOSEMITE VALLEY, Merced River.
Frame cottage style hotel to accommodate 1000 guests.
Owner—Yosemite National Park Co., 689 Market St., San Francisco.
Architect—Edwin J. Symmes, 1st Natl Bank Bldg., San Francisco.
It is planned to start construction in August of this year.

LOS BANOS, Merced Co., Cal.—Robert Jones, Santa Cruz, is to be the lessee of the new Los Banos hotel to be erected by local capital. The new bldg. will be 4-story, 100x104 ft., and contain 69 rms. Mr. Jones will select the architect.

CALEXICO, Imperial Co., Cal. — S. William Silverberg, Paul Williams and Sam Taylor are organizing to build a 100-room hotel of steel frame constr. Est. cost, $275,000; equipment, $25,000.

LOS ANGELES, Cal.—Harry Genser, 208 Hibernian Bldg., has completed plans for a 4-story 92-room class C hotel bldg. to be erected on the n.w. cor. of 2nd and Olive Sts. for the Eastern Realty Co. Four-story 75x100 ft., brick walls, press. brick facing, terra cotta trim, steam htg., 100% tiled baths tile bathroom and lobby fls., pine fls., steel beams, metal skylights, fire escapes; $175,000.

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LOS ANGELES, Cal. — G. G. Stuart, 418 Lissner Bldg., has the contract to erect a 3-story class A store and hotel bldg. at s.e. cor. of Ceres Ave. and 7th St. for Morris Rappaport. It will contain 6 stores and 83 hotel rooms; dimensions, 80x110 ft., reinf. conc. construction, plate glass, steel sash, comp. rfg., metal skylights, pine trim, marble and tile work, steam htg.; $105,000.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 330 Pac. Finance Bldg., are preparing plans for a 12-story and basement class A hotel bldg. to be erected on Vine St. just south of Hollywood Blvd., for Jacob Stern and J. M. Danziger. It will contain 200 rooms each with private bath; dimensions 100 by 150 ft., reinf. conc. constr., press brick and terra cotta facing, marble and tile work, hardwd. trim, elevators, steam heat, vacuum cleaning.

HUNTINGTON PARK, L. A. Co., Cal.—Whipple & McDonald, S. Pacific Blvd Huntington Park, have the contract to erect a 2-story store and hotel bldg. on Pacific Blvd., for John F. Rothwell, Long Beach; it will contain 25 hotel rooms, with 100% baths on 2nd fl. with store on first. Brick walls, 50x130 ft., press. brick facing, comp. rfg., plate glass, cem., hardwd. and pine fls., gas rads., storage water htr., pine trim, tile baths, metal skylights, marble base, $40,000.

HOLLYWOOD, L. A. Co., Cal.—Kenneth Albright, 6526 Hollywood Blvd., is preparing preliminary drawings for a $150,000 4-story 100-room brick hotel bldg. to be erected in central Los Angeles, owner's name withheld.

POWER PLANTS

ALAMEDA, Alameda Co., Cal.—Until March 28, 5 p. m., bids will be rec. by A. D. Goldsworthy, secy. Board of Public Utilities, 1414 Park St., to fur. 1 1000-KVA, 11,000-volts to 2400-volts, single phase oil cooled transformer and certain other electrical apparatus. Spec obtainable from secretary. **See call for bids under official proposal section in this issue.**

ONTARIO, Cal.—Ontario Power Co plans immediate erection of a 3000 to 4000-watt steam generating electric plant. Glenn D. Smith, general mgr.

LOS ANGELES, Cal.—Bids rec. by public service comm. for Anderson time switches under spec. P-323-400, were: Westinghouse Elec. & Mfg. Co., $3250, f. o. b. Boston; Eccles & Davies, $3010; General Electric Co, $3062.50; Western Electric Co., $3000 f. o. b. Boston.

SAN DIEGO, Cal. — Bids are being rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 4933, to erect barracks, storehouse, seven quarters, concrete roads and walks, railroad siding and sewer, water, steam, gas, electric power and light and telephone connections at Naval Operating Base, Marine Corps, San Diego. Date for opening bids has not been set as yet. **See call for bids under official proposal section in this issue.**

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

OROVILLE, Butte Co., Cal.—Surveying camp for the final location of the Bean Creek power plant of the Middle Feather River Power Co., has been established and it is hoped to start construction within the next few months. William Watson, civil engineer, Quincy Calif., is in charge of surveys. The plant will be located about 16-mi. from Oroville. Construction includes wagon road from Bidwell Bar to plant site in addition to wagon road from Quincy La Porte Road at Nelson Point down Middle Fork of Feather river to Little North Fork. The Middle Feather River Power Co. has contract with P. G. & E., whereby latter will take over and distribute entire electrical output, estimated at 400,000 h.p. Plant will be fed from normal flow of the Middle Fork of the Feather river, from a reservoir created out of Grizzly Valley, which has estimated capacity 62,000 ac. ft. and from Gold Lane and adjacent lakes, the storage of which will be greatly increased by the construction of dams at their outlets. Lands in Grizzly Valley were purchased in the name of R. C. Storrie of R. C. Storrie & Co., engineering contractors, Crocker Bldg., San Francisco and it is understood this company is interested in the Middle Feather River Company.

SAN FRANCISCO — Following submitted bids to Bd. of Pub. Wks. to fur. insulating bus supports for Hetch Hetchy power plant, all bids being referred to City Eng. M. M. O'Shaughnessy for tabulation and report: Electric Development & Machine Co., Westinghouse Elec. & Mfg. Co., Schweitzr & Conrad, Garland Affolter Co., Pacific States Electric Co., Delta Star Electric Co., C. E. Ingalls, Ohio Brass Co., General Electric Co.

OAKLAND, Cal.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, authorizes $800,000 expenditure for additions to electrical distributing system in East Bay District. New power feeders will be provided to supply industrial territories. Feeders will be part of an interconnected underground system consisting of six-way conduit lines beginning at the Claremont substation in north part of city, where energy is received from Pit river development. Lines will extend to Berkeley substation at Hearst Ave. and Magee St. to Temescal substation, 47th St. and Shattuck Ave. to substation to be erected at Hobart St., bet. Grove and Telegraph Ave., thence to steam generating plant at 1st and Grove Sts. From steam plant line will run to station H, at 23rd Ave. and S. P. railroad lines, thence to new substation in course of construction at 50th Ave. and E-12th St., thence to Elmhurst substation, and from there to a new substation near the San Leandro city limits.

QUINCY, Plumas Co., Cal.—Lars Jorgenson, chief engineer for the Constant Arch Dam Co., Hobart Bldg., San Francisco, has started surveys of Middle Fork of Feather river for power development purposes. Wm. Watson, civil engineer, Quincy, is in charge of field operations and will locate temporary quarters at Bean Creek. A five mile tunnel through Baild Rock, penstocks and power house are among the contemplated improvements. Several dams are also included.

NEW DUNGENES, Wash.—See "Government Work and Supplies," this issue. To rebuild power plant.

CALIFORNIA—See "Irrigation Projects," this issue. Applications filed & permits granted by State Department of Public Works, Division of Water Rights, for permits to appropriate water.

PUBLIC BUILDINGS

Work Started.
FIREHOUSE Cost, $15,970
OAKLAND, NE 50th Ave. and Bond St.
Two-story frame firehouse.
Owner—City of Oakland.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland.

SACRAMENTO, Cal.—Chas. S. Mabrey Co., Ochsner Bldg., Sacramento, at $1575 awarded contract by city commission to construct shelter station at 34th St. and Sacramento Blvd.

BAKERSFIELD, Kern Co., Cal. — Until April 7, 10.30 a. m., bids will be rec. by F. E. Smith, county clerk, to erect one-story frame and plaster branch library at McKittrick. Cert. check 10% payable to clerk req. Plans obtainable from Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield, on deposit of $10, returnable.

NEWPORT, Orange Co., Cal.—A. V. Napier Constr. Co. will start work within 90 days on the first unit of a 10-unit textile plant on a 10-acre site cpp. the junction point of the Balboa Palisades Rd. and Newport Blvd. for the Los Angeles Textile Co. Construction of the bldg. and equipment will cost $75,000.

PITTSBURG, Contra Costa Co., Cal. —City council will call election shortly to vote bonds of $15,000 to finance erection of new city library building Jas. Fitzgerald is city clerk.

YREKA, Siskiyou Co., Cal. — Until April 7, 10 a. m., bids will be rec. by W. J. Neilon, county clerk, to fur. and install metal counter case in office of county recorder. Cert. check 10% req. with each bid. Further information obtainable from clerk.

SAN FRANCISCO—Architect Alfred I. Coffey, Humboldt Bank Bldg., has been commissioned by the Board of Public Works to prepare plans and specifications for new fireproof Southern Police station to replace the present frame building at the northwest corner of Fourth and Clara streets.

RESIDENCES

Contract Awarded.
RESIDENCE Cost, $9540
LOS GATOS, Santa Clara Co., Cal. Saratoga Road.
Owner—C. S. and Alice E. Howland.
Architect—Binder & Curtis, 225½ S-First St, San Jose.
Contractor—Wm. Meyer, San Jose.

Contract To Be Awarded.
ADDITION Cost, $17,000
HILLSBOROUGH, San Mateo Co., Cal.
Addition to reinforced concrete and tile residence (2 bathrooms and 1 bedroom).
Owner—Geo. A. Newhall.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor—Chas. Stockholm & Sons, Monadnock Bldg., San Francisco.

Contracts Awarded.
RESIDENCE Cost, $30,000
PIEDMONT, Alameda Co., Cal., Sierra Avenue.
Two-story and basement frame, brick veneer and stucco residence with slate roof, 12 rooms, 3 bathrooms and garage.
Owner—Mrs. H. H. Patterson 1098 Ranleigh, Oakland.
Architect—Sidney B. & Noble Newsom, Nevada Bank Bldg., San Francisco
General contract to F. C. Stolte, 3455 Laguna St., Oakland, $14,058.
Plumbing to Carl T. Doell, 467 21st St., Oakland, $1872.
Electric work to Spott Elec. Co., 2155 Broadway, Oakland, $579.
Plastering to Judge Bros., 40th and Opal Sts., Oakland, $2030.
Painting to A. Van Heerdon & Co., 6250 College Ave., Oakland, $1433.
Brick work to Chas. Chubb, 1932 Linden St., Oakland, $2145.
Heating to F. L. Pollard, 320 13th St., Oakland, $642.
Tile to Rigney Tile Co., 260 Walsworth St., Oakland, $737.
Hardwood floors to Inlaid Floor Co., 4067 Watts St., Oakland, $720.
Electric fixtures and hardware not awarded.

Plans Being Figured.
RESIDENCE Cost, $10,000
CARMEL HIGHLANDS, Monterey Co.
Two-story frame country residence.
Owner—Mrs. Caroline Hollis.
Architect—W. H. Ratcliffe, Jr., Mercantile Trust Bldg., Berkeley.

Contract Awarded.
RESIDENCE Cost, $11,672.50
BERKELEY, Lot 10 Blk A Claremont Court.
Two-story and basement frame residence and double garage, concrete drives, walks, etc.
Owner—Thos. E. & Mary M. McEneany 2621 Regent St., Berkeley.
Architect — Gwynn Officer, Berkeley Bank Bldg., Berkeley.
Contractor—I. W. Button, 347 63rd St. Oakland.

To Be Done By Day's Work.
DWELLINGS $3300 to $4800 each
SAN FRANCISCO, Congo St., Bay Shore Naylor, Prague, Rolph, Wheeler and Change.
Twenty 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.

Contract Awarded.
PARISH HOUSE Cost, $17,500
BERKELEY, Cal., Cedar and Spruce Streets.
Two-story 6-room Parish house.
Owner—All Soul's Episcopal Church, Cedar and Spruce Sts., Berkeley.
Architect—W. H. Ratcliff, Mercantile Trust Bldg., Berkeley.
Contractor—John M. Bartlett, 357 12th St., Oakland.

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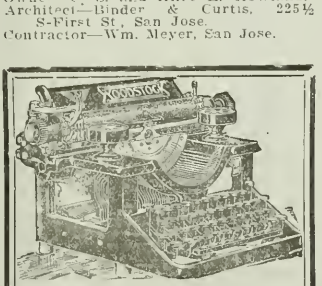

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To Be Done By Day's Work.
RESIDENCE Cost, $12,000
SAN FRANCISCO, SW 26th Ave. and Sea Cliff.
Two-story and basement frame residence.
Owner—Allen & Co., 168 Sutter St., San Francisco.

To Be Done By Day's Work.
DWELLINGS $3950 to $4975 each
BERKELEY, 1226 1234 1238 1242 1218 1222 1230 Josephine St.
Seven 5 and 6-room dwellings and garages.
Owner—R. J. Pavert, Merc. Trust Bldg. Berkeley.

Contract Awarded.
DWELLING Cost, $10,000
BERKELEY, 1609 Spruce St.
Two-story and basement frame dwlg.
Owner—Maria C. Anderson, premises.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—H. G. Patrick, 1973 Marin St., Berkeley.

Preliminary Plans Being Prepared.
RESIDENCE Cost, $14,000
BERKELEY, Alameda Co., Cal. Euclid Avenue.
Two-story frame and stucco residence with tile roof.
Owner—Mrs. Lockwood.
Architect—W. H. Ratcliff Jr., Mercantile Trust Bldg., Berkeley.

Contract Awarded.
RESIDENCE Cost, $10,000
CARMEL HIGHLANDS, Monterey Co.
Two-story frame country residence.
Owner—Mrs. Caroline Hollis.
Architect—W. H. Ratcliffe, Jr., Mercantile Trust Bldg., Berkeley.
Contractor—Mr. Lang, Monterey.

Plans Being Prepared—Figures To Be Taken In Two Weeks.
RESIDENCE Cost. $15,000
SAN FRANCISCO, St. Francis Wood.
Two-story and basement frame and stucco residence with shingle roof (8 rooms, 3 bathrooms).
Owner—Withheld.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

Completing Plans—Figures To Be Taken In a Week.
RESIDENCE Cost, $15,000
SAN MATEO, San Mateo Co., Cal., San Mateo Park.
Two-story and basement frame English style residence with shingle roof.
Owner—Withheld.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

SANTA BARBARA, Santa Barbara Co., Cal—Archt. Arthur Huen, of Chicago, has completed plans for a pretentious residence to be erected in Montecito on the Norton-Swift property on Hot Springs Rd. for William P. Nelson. The house will cost in the neighborhood of $200,000, according to present plans. The owner and his wife will be at El Mirasol this summer.

SCHOOLS

Plans Complete—Figures To Be Taken In Two Weeks.
SCHOOL Cost, $40,000
WHEATLAND, Yuba Co., Cal.
One-story hollow tile high school with cement plaster exterior and tile roof (4 rooms and auditorium).
Owner—Wheatland Union High School District.
Architect — Geo. Sellon & Co., Mitau Bldg., Sacramento.

Plans Being Figured—Bids Close April 19 8 P. M.
SCHOOL Cost, $92,000
WILLOW GLEN, Santa Clara Co., Cal.
Two-story reinforced concrete school building.
Owner—Willow Glen School District.
Architect—Wyckoff & White, 511 Growers' Bank Bldg., San Jose.
Cert. check 5% payable to Geo. B. Cushing, Clerk of district board. Plans obtainable from architects on deposit of $20, returnable. **See call for bids under official proposal section in this issue.**

Contract Awarded.
SCHOOL Cost, $9177
EVERGREEN, on rd situated in the Eastern foothills on Mt. Pleasant rd in Evergreen.
Constructing a school building.
Owner — Trustees of Mt. Pleasant School District, Evergreen, Calif.
Architect—Charles S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—Frank Nevis.

HILMAR, Merced Co., Cal. — Until April 4, 2 p. m., bids will be rec. by C. N. Ahlem, clerk Union High School District, to fur. 150 steel double tier lockers with sloping tops, locks, key and master keys, size 12-in. by 36-in. Further information obtainable from clerk.

CLAREMONT, L. A. Co., Cal. — Pomona College has been donated a 250-acre tract on Indian Hill by Miss Ellen Scripps. The tract will be deeded to the college as needed. The college has also received $400,000 from the Rockefeller Endowment fund, conditional upon the raising of an equal amount. New group of college bldgs. will be added under a general expansion scheme. Jas. A. Blaisdell, pres.

KERMAN, Fresno Co., Cal.—V. K. McGinty Construction Co., Fresno, at $11,986 submits low bid to Kerman Union High School District to erect shop and garage building. J. F. Brown, Hanford, next low at $12,493.65. A complete list of bids together with the action taken will be published shortly. Anton Johnson, architect, Kingsburg.

"Sandy" Pratt, President of the Pratt Building Material Co., of San Francisco, was the speaker for the Rotary Luncheon today, Rotarian Roy Evans being the member in charge of the program. E. W. M. Evans and his three sons Esley, Roscoe and Arthur, were guests, E. W. Evans introducing Mr. Pratt.

Mr. Pratt spoke of the Evans family giving a history of their business in this city, and indulging in some very amusing reminiscences. He also spoke of the coming Rotary District convention to be held in San Jose soon, and urged every member of the local club to attend if possible, as more is gained from a visit to one of these district conventions than from the national conventions, the Rotarians getting into closer touch and getting better acquainted at the smaller gatherings—The Petaluma Argus, Petaluma, Calif., March 13, 1924.

"Sandy" Pratt, a Rotarian of San Francisco, president of the Pratt Building Material Co., was the guest of the Petaluma Club yesterday, being the principal speaker on the program. Mr. Pratt came here on the invitation of Roy Evans, a member of the club and Roy had as his guests his father and his three brothers, Roscoe, Arthur and Esley Evans

In his address, Mr. Pratt, who is a man of strong ability and fine personality, told some history of the marble and granite business in Petaluma as well as some history of the Evans family. The address that Mr. Pratt made on the subject of granite and marble works, was exceedingly interesting, as was also a strong talk by Mr. Pratt on the subject of Rotary Clubs and the district conference which will be held next week at San Jose. All of the San Francisco Rotarians will attend the San Jose conference going down in special trains each day. Los Angeles will send a special train.—Petaluma Daily Courier, Petaluma, Calif., March 13, 1924.

SANDY PRATT is in San Jose.
• • •
AT THE District conference.
• • •
OF THE Rotary Clubs.
• • •
OF NEVADA, Arizona, California.
• • •
AND HAWAIIAN Islands.
• • •
AND THE Normal School Club.
• • •
OF CHICO is here.
• • •
MARYSVILLE, WHERE Sandy.
• • •
HAS A sand washing plant.
• • •
IS WELL represented.
• • •
MANY REPRESENTATIVE citizens.
• • •
OF THE Rose Rotary Club.
• • •
ARE IN evidence.
• • •
THE GRAPE pickers of Lodi.
• • •
ARE SELLING next year's crop.
• • •
AND BILL Elliott's boy scouts.
• • •
OF THE Sacramento Club.
• • •
ARE TRYING to sing.
• • •
AGAINST THE San Francisco boys.
• • •
AND CLARENCE Sand Pratt, President.
• • •
OF THE Pratt Building Material Co.
• • •
AND PRODUCER at Prattrock.
• • •
OF CLEAN, hard rock.
• • •
JOE BANKER Stephens is here.

FINANCING THE Sacramento Rotarians.
• • •
IN THE greatest singing contest
• • •
THE WORLD has ever known.
• • •
MAURICE ALBEE, plant superintendent.
• • •
OF PRATT'S American River plant.
• • •
BROUGHT DOC Cameron song bird.
• • •
AND JOHN Dale, school teacher.
• • •
BUT SANDY Pratt's $1000 check.
• • •
ON PRATT'S (sand) bank is safe.
• • •
AND SANDY wins the $1000.
• • •
FROM PRESIDENT Bill Elliott.
• • •
OF STAR Automobile fame.
• • •
"I THANK you."

How the singing of the Sacramento Rotarians affected a native prune grower at San Jose. Sandy Pratt's San Francisco delegation is still singing "Pratt's Rock and Sand Always Win.

Bids To Be Called For In Ten Days.
SCHOOL Cost, $60,000
FOLSOM, Sacramento Co., Cal.
One-story brick high school bldg. (7 classrooms and combination gymnasium and auditorium.
Owner — Folsom Union High School District.
Architect—Geo. Sellon & Co., Mitua Bldg., Sacramento.
Bids will be advertised for in about ten days.
Segregated figures will be taken as follows:
General contract.
Masonry and carpenter work.
Plumbing.
Heating.
Electrical work.
Painting.
Plastering.
Roofing.
Sheet metal work.
Program clocks.

STOCKTON, San Joaquin Co., Cal.—The following sub-contracts have been awarded by R. W. Moller, Call Building, San Francisco and Stockton, for work in connection with the construction of the College of the Pacific building in Stockton. Davis-Heller,Pearce Co., Delta Building, Stockton, are the architects. The group of buildings consists of seven two-story reinforced concrete, brick and terra cotta structures costing approximately $500,000.
Steel awarded to the Western Iron Works, 141 Beale St., S. F.
Brick work to Frederickson Bros., 1st Natl. Bank Bldg., Stockton.
Terra cotta to Gladding-McBean, Crocker Bldg., San Francisco.
Lumber to Stockton Lumber Co., 347 So. Commercial, Stockton.
Roofing to Stockton Lumber Co., 347 So. Commercial, Stockton.
Other contracts will be awarded shortly.

HUNTINGTON PARK, L. A. Co., Cal.—Caron Bros., 148 Broadway, Walnut Park, have the contract to erect a 2-sto brick convent bldg. at cor. of Belgrave and Stafford Aves., for the parish of St. Mathias. There will be 6 bedrooms, 2 dining rooms, chapel, large hall, reception room, community room and kitchen. Two-story, brick walls, press. brick facing, tile rfg., 3 bathrooms, tile baths, cem., oak and pine fls., pine trim.

KERMAN, Fresno Co., Cal.—As previously reported, contract to erect shop and garage building for Kerman Union High School District, was awarded to V. K. McGinty, Fresno, at $11,996. Complete list of bids follow:
F. A. Smith, Kerman, Cal. $12,727
Jolly & Jolly, Fresno 14,146
V. K. McGinty, Fresno 11,996
Carl D. Hosvepian, Fresno 13,541
J. F. Brown, Hanford 12,493
Anton Johnson, architect, Kingsburg Calif.

TRINIDAD, Humboldt Co., Cal.—Until March 28, 10:30 a. m., bids will be rec. by J. P. Bauder, clerk, Patricks Point School District, to erect 2-classroom, one-story and basement frame school. Bids are wanted as follows: (a) structure complete; (b) construct concrete septic tank; (c) construct concrete floors in basement; (d) furnish plumbing fixtures; (e) lathing and plastering; (f) heating system; (g) wood flooring and finish with doors; (h) painting and varnishing. Cert. chk 5% payable to clerk req. Plans obtainable from Newton Ackerman, architect, Eureka.

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LAND CLEARED
TREE SURGERY
EXPERT POWDER WORK
Trees Trimmed or Removed
Equipped with Stump Pullers and Power Saws
3212 Baker St., Berkeley, Calif.

VENICE, L. A. Co., Cal.—Until 10 a. m., March 31, bids will be received by trustees of Venice union high school district for erecting additions to the mechanical arts bldg., boys' gymnasium bldg. and junior high school bldg at the Venice high school site; Russell & Alpaugh 1106 Story Bldg. L. A. archts The bldgs. will be of brick construction with ruffled brick facing, tile and comp. rfg; the total cost will be about $200,000.

SAN BERNARDINO, San Bernardino Co., Cal.—Archt. Howard E. Jones is completing plans for the new junior high school bldg. Bids will be called about April 1, to be received some time later. The bldg. will cost about $300,000; 2-story, L-shaped, containing 42 rooms. Mr. Jones, the archt, reports a change of address from 405 Katz Bldg., to 445 Fourth St., San Bernardino.

LOS ANGELES, Cal.—Until 9 a. m., April 2, bids will be received by the board of education for erecting a new school bldg. at Virginia Road school site, at Virginia Road and 29th St., and for erecting a new bldg. at 37th St. school site, on Raymond Ave., bet. 36th Pl. and 37th St. The bldgs. will be of brick constr. and are to cost $84,000 each. Bids will be taken separately on the general contract, plumbing, wiring heating and painting. Plans and spec. may be obtained at the secy's office, 730 security Bldg.

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San Francisco, Calif.

LONG BEACH, L. A. Co., Cal.—Jacob W. Purinton and assoc., Pacific Southwest Bldg., Long Beach and Laughlin Bldg. and T. C. Kistner Co., archts., 616 Pantages Theater Bldg., Los Angeles, have been commissioned to prepare plans for an 8-unit elementary school bldg., to be erected near cor. Loma Ave. and Anaheim Rd., Long Beach, for the Long Beach Board of Education; $150,000. Plans will be made in conjunction with both offices.

SAN BERNARDINO, San Bernardino Co., Cal.—High school board reports that a branch junior high school bldg. costing $30,000 will probably be erected to serve the Highland, Del Rosa and Warm Springs districts. The bldg. is needed at once.

MONTEREY, Monterey Co., Cal. — Major Jas. H. Laubach, Quartermaster Cors, Presidio of Monterey, desires to communicate with firms handling steel wall lockers similar to those installed in public schools, gymnasiums, etc. Further information may be had from the above.

STOCKTON, San Joaquin Co., Cal.—Edw. L. Gnekow, 647 E-Main, Stockton, awarded contract by Bd of Education for electric work at high school involv. (a) $3134 for work complete; (b) each additional auditorium fixture $190; (c) each additional lobby fixture, $20; (d) alt. bid, $300; (e) unit price for above fixtures, $40 ea; (f) do, $625.
Commercial Electric Co., 311 E-Market St., Stockton, submitted only other bid at (a) $3278; (b) $195; (c) $20; (d) $314; (e) $38; (f) $542.

HIGHLAND PARK, L. A. Co., Cal.—Macdonald & Driver, Douglas Bldg., Los Angeles, were low bidders at $92,566 on the general contract for erecting a college bldg. on Echo Drive, Highland Park, for southern California Bible College. Harold Cross., Merchants National Bank Bldg., archt. J. S. Metzger & Son and Walter Slater Co. were low on the alternate proposals. The bldg. will contain 100 dormitory rooms, auditorium to seat 300 people, 4 large classrooms, kitchen, dining room, laundry and study rooms. Three story and basement, frame and plas. construction, comp. rfg., hardwood, tile and cem. fls., pine trim, steam htg., metal lath. The bids were: Macdonald & Driver, $92,566; (a) deduct if wood lath is substituted for metal lath, $6000; (b) deduct if 3rd sto. is left unfinished, $9100; (c) deduct if exterior wall sheathing is omitted, $550; J. S. Metzger & Son, $94,658; (a) $8500; (b) $11,000; (c) $715; Walter Slater Co., $95,500; (a) $5970; (b) $12,100; (c) $1690; Robert E. Millsap, $96,990; (a) $6300; (b) $8400; (c) $700; Paxson & Paruch, $101,500; Wurster Construction Co., $103,169; J. Simon Fluor, $120,900; (a) $6500; (b) $115,000; (c) $1500; Robertson & Evans, $122,400; (a) $5800; (b) $13,335; (c) $1000.

LOS ANGELES, Cal. — J. V. McNeil Co., 736 H. W. Hellman Bldg., has been awarded a contract at about $180,000 for all work except plumbing for erecting a 3-story and basement science bldg. on University Ave. s of Jefferson St. for the University of Southern California. John Parkinson and Donald Parkinson, 420 Title Ins. Bldg., archts. The bldg. will be brick construction, selected common brick exterior, clay tile rfg., nine trim, maple flrs., structural steel, cast stone trim, steam htg., gas boiler.

LONG BEACH, Los Angeles Co., Cal.—Architects Burkett & Farrell, assoc., 310 Commercial Bldg., 546 Pine Ave., Long Beach, have been commissioned to prepare plans for a $15,000 4-room addition to be erected at the Seaside grammar school, Long Beach.

PACIFIC WAX-DYE CO.
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SACRAMENTO, Cal.—Geo. B. McDougall, State Architect, received the following bids on March 14th:

		Days
Western Iron Works, S. F.	$3324	40
Ralston Iron Works, S. F.	3600	30
Brode Iron Works, S. F.	4280	45
Schrader Iron Works, S. F.	5590	60
Judson Mfg. Co., S. F.	2827	

(for furnishing only—not considered).

INGLEWOOD, L. A. Co., Cal.—Archt. G. A. Howard, Jr., 820 Story Bldg., L. A. has been commissioned to prepare plans and spec. for new bldgs. to be erected at the high school site at Inglewood for the Inglewood union high school district. Bldgs. will include an academic bldg. and boys' gymnasium. Bonds in the sum of $200,000 have been voted. Bldgs. will be of brick construction.

HUNTINGTON PARK, Los Angeles Co., Cal.—Architect Arthur W. Angel, 3401½ Whittier Blvd., Los Angeles, is completing plans for three additions and a new school building to be erected at Huntington Park, as follows: Irvington Ave. addition, brick construction, stucco exterior, clay tile roofing, $20,000; Miles Ave. addition, brick construction, stucco exterior, composition roofing, $20,000; Pacific Ave. addition, brick construction, tapestry brick facing, clay tile roofing, $23,000; new building at Southgate site, hollow tile construction, stucco exterior, clay tile roofing, $70,000.

LONG BEACH, Los Angeles Co., Cal.—Joseph H. Roberts and Architect Wellington Smith, assoc., 312 Marine Bank Bldg., Long Beach, have been commissioned to prepare plans for a $170,000 additional unit at the Lincoln grammar school. Cost includes extra lnd, building and equipment.

HUNTINGTON PARK, Los Angeles Co., Cal.—Until 2 P. M., March 28, bids will be received by trustees of Huntington Park city school district for erecting two school buildings; Arthur W. Angel, 3401½ Whittier Blvd., Los Angeles, is the architect. Liberty Blvd. school will contain six rooms and East San Gabriel Ave school will have four rooms; both will be of hollow tile construction, stucco exterior, clay tile roofing; will cost about $35,000 and $25,000 respectively. Separate bids will be taken on general work and for plumbing and heating.

LONG BEACH, L. A. Co., Cal.—Wynkoop & Law, engrs. and archts., and Allison & Allison, assoc. archts., 1017 Farmers & Merchants Bank Bldg., Long Beach, and Hibernian Bldg., Los Angeles, been have commissioned by the Long Beach board of education to prepare plans for a $315,000 unit at the Jefferson union high school, Long Beach. Cost includes land, bldgs. and equipment.

LONG BEACH, L. A. Co., Cal.—Parker O. Wright and Francis H. Gentry, archt. and engrs., 316 Marine Bank bldg., Long Beach, have been commissioned by the Long Beach board of education to prepare plans for a new 24-room grammar school bldg at Tenth and Orizaba Sts., Long Beach. Cost, including extra land, building and equipment, $400,000.

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COLMA, San Mateo Co., Cal.—The Board of Trustees of the Jefferson Union High School District received the following bids on March 18th, at 8 o'clock P. M., for the construction of a one and two-story 15-room and auditorium reinforced concrete school building. Plans were prepared by Architect W. H. Weeks, 369 Pine St., San Francisco. Bids were taken under advisement.

General Contract

(1) Complete as specifications; (2) concrete corridor, add; (3) omit auditorium, deduct; (4) omit tower, deduct; (5) maple floor, add; (6) omit cabinet, deduct.

Sample & Cody, Call Bldg., S. F. (1) $122,500; (2) $3000; (3) $21,000; (4) $1200; (5) $1600; (6) $3500.

J. F. Shepherd, Stockton.....$124,136 (2) $3497; (3) $7695; (4) $1541; (5) $1900; (6) $2639.

Cobby & Owsley, S. F.....$128,990 (2) $5500; (3) $24,000; (4) $660; (5) $2600; (6) $3300.

Barrett & Hilp, S. F.....$129,887 (2) $3000; (3) $20,700; (4) $820; (5) $4200; (6) $3000.

Larsen & Siegrist, S. F.....$132,777 (2) $3042; (3) $23,487; (4) $1729; (5) $2893; (6) $3614

Hannah Bros., S. F.....$137,260 (2) $3242; (3) $21,600; (4) $1642; (5) $3100; (6) $3200.

West Coast Constr. Co., S. F...$139,665 (2) $4960; (3) $27,173; (4) $962; (5) $2951; (6) $3765.

R. W. Littlefield, Oakland....$143,762 (2) $2998; (3) $20,450; (4) $1040; (5) $3500; (6) $2500.

Heating and Ventilating

(1) Add for oil burner; (2) Split System, add.

Knittle-Cashel Co., 224 5th St., S. F. $9746; (1) $875; (2) $2136.

J. E. O'Mara, S. F.....$9984 (1) 785; (2) $3364.

W. H. Picard, Oakland.....$10,232 (1) $1016; (2) $3553.

Geo. A. Schuster, Oakland.....$10,348 (1) $938; (2) $3578.

Scott Co. .....$10,480 (1) $910; (2) $3135.

Frederick W. Snook, S. F.....$10,749 (1) $929; (2) $2983.

Stockton Plmbg Sply Co, S. F...$11,117 (1) $876; (2) $3726

Electrical Work

(1) If auditorium and gymnasium are omitted.

M. E. Ryan, Redwood City.....$5266 (1) $983.

Crown Elec. Co., S. F.....$5720 (1) $705.

Radlefinger Bros., S. F.....$5834 (1) $1302.

Watts Elec. Co., S. F.....$6200 (1) $1400.

Stockton Plumbing Supply Co ...$7106 (1) $2000.

Plumbing

(1) Omit gymnasium and auditorium, deduct; (2) cases omitted, deduct.

F. W. Snook, 596 Clay St., S. F....$8484 ((1) $1287; (2) $178.

Stockton Plumbing & Supply Co.$10414 (1) $1528; (2) $236.

W. H. Picard, Oakland.....$10,830 (1) $2457; (2) $321.

Window Shades

(1) Gym. and auditorium, deduct.

D. N & E. Walter Co., 562 Mission St., S. F., $1098.40; (1) $221.85.

W. & J. Sloane, S. F.....$1591 (1) $500.

Linoleum

(1) Omit Gym. and Aud., deduct.

Bonded Floor Co., S F.....$1800 (1) $175.

W. & J. Sloane, S. F.....$1921.82 (1) $209.76.

D. N. & E. Walter Co., S. F.....$1996 (1) $225.40.

Blackboards

Stewart School Sply Co, S. F..$1567.45

C. F. Weber Co., S. F..... 1575.00

F. W. Wentworth & Co., S. F... 1606.65

Grading Athletic Field

F. Ray Shutes, 1946 N-Center St., Stockton .....$ 6,400

West Coast Constr. Co., S. F.... 8,000

W. E. Price..... 8,470

Cobby & Owsley, S. F..... 8,700

Larsen & Siegrist, S. F..... 12,140

R. W Littlefield, Oakland..... 12,500

Barrett & Hilp, S. F..... 17,000

SAN FERNANDO VALLEY, Cal. — Home for children. See "Hospitals,"

LOS ANGELES, Cal. — Until 9 a. m., April 4th, bids will be received by the L. A. board of education for erecting a new school bldg. at the Micheltorena St. school site, at the n.w. cor. Micheltorena St. and Sunset Blvd., and for erecting a new school bldg. at the Angeles Mesa school site, n. side 52nd St. bet. 4th and 5th Aves. The bldgs. will be of brick constr. and will each cost $84,000. Bids to be taken separately on the general contract, plumbing, heating, painting and elec. wiring. Plans and spec. may be obtained at the secretary's office, 730 Security Bldg.

COVINA, L. A. Co., Cal. — Archts. Train & Williams, 226 Western Mutual Life Bldg., Los Angeles, have completed plans for a new science bldg. and for alterations and additions to the auditorium bldg. at Covina high school. The science bldg. will be 2-story and high basement, 156x66 ft., 15 rms., cafeteria, etc., reinf. conc. constr., cast stone and stucco exter., comp. rfg., wood fls., reinf. conc. stairways and corridor fls., pine trim; $150,000. The addition to the auditorium will be 55x73 ft., increasing seating capacity to 1000. Bids will be taken soon.

CORDELIA, Solano Co., Cal.—Until March 29, 8 p. m., bids will be rec. by Fred J. Klusman, clerk, Green Valley School District, to erect school building. W. A. Jones, architect, 403 Alameda St., Vallejo. Cert. check 10% payable to clerk req. Plans obtainable from architect on deposit of $10, returnable.

SEATTLE, Wash.—Until April 3, 11 a. m., bids will be rec. by Seattle School District No. 1 for the general construction, heating and ventilating contracts on proposed $190,000 addition to West Seattle high school; will be 2-story fireproof, 178 by 80 ft., containing 17 classrooms, girls' gymnasium and cafeteria. F. A. Naramore, Seattle, architect.

SOUTH PASADENA, L. A. Co., Cal.—Reed Bros. Construction Co., 204 Wilshire Bldg., was low bidder at $62,547 for erecting a new school bldg at the Raymond Ave. school site, South Pasadena, for the board of trustees of the South Pasadena school dist. Hudson & Munsell, 443 Douglas Bldg., Los Angeles, arch. It will contain an auditorium and 6 classrooms, and will be brick constr., plaster exter., clay tile rfg., hardwd. fls., pine trim. The bids were. Reed Bros. Constr. Co., $62,547; Witt & Cunte, $63,980; H. H. Hinds $65,300; Macdonald & Driver, $69,507; Rudine & Chytraus, $67,000; E. Piersin & Son, $69,576; May & Hellman, $65,769 H. W. Schlenter, $66,793; Alston & Hogan, $65,612; B. D. Kronnick, $71,780; J. F. Kobler, $68,522. Bids taken under advisement.

LOS ANGELES, Cal.—Archts. Curlett & Beelman, 408 Union Bank Bldg., are revising plans for the brick store and office bldg. to be erected on Alvarado St., bet. 7th and 8th Sts., for the Alvarado Realty Co. The bldg. will be increased to 3-sto in height. Five stores, 24 offices; dimensions, 90x60 ft., brick walls, cast stone and stucco facing, plate glass windows, steel beams, comp rfg., ornam. iron, pine trim, marble and tile work, gas htg. New bids will be taken shortly.

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LONG BEACH, L. A. Co., Cal.—Archt Kirkland Cutter and Ernest H. Gates, assoc., 1261 American Ave., Long Beach have been commissioned by the Long Beach board of education to prepare plans for an 8-room elementary school bldg. to be erected on a site s. of Vista and e. of Mira Mar Sts., Long Beach. Cost, including land and equipment, $145,000.

ANAHEIM, Orange Co., Cal. — John Volz has been awarded the contr. at $42,000 for erecting east and west wings containing an auditorium, library, refectory, chapel and several music and reception rooms as additions to St. Joseph's academy on West Broadway. Work has started. The bldg will be of brick with stucco exterior.

PHOENIX, Maricopa Co., Arizona. — Archts. Lescher & Mahoney, Bank of Arizona Bldg., Phoenix, are preparing plans for a class B elementary school bldg. to be erected in the Cartwright school dist., No. 83, Maricopa county. Bldg. will be 1-story, with 6 rooms, 89 by 148 ft; cost $40,000. Plas. over brick exter.; asbestos shingle roof, metal lath, linoleum over cem. fls., vacuum steam heating. Plans to be ready April 15.

BANKS, STORES & OFFICES

Contract Awarded.
STORES Cost, $9000
OAKLAND, N Stanford Ave. 76 W San Pablo.
One-story brick stores.
Owner—Beaudry & Brennain, 606 25th St., Oakland.
Contractor—Martin Allen, 346 Walsworth Ave., Oakland.

Steel Contract To Be Awarded.
OFFICE BLDG. Cost, $1,250,000
SAN FRANCISCO, NE Post and Mason Streets.
Fifteen-story class A Phisicians and Dentists Office Bldg.
Owner—Medico-Dental Building Cptn.
Architect—Geo. Wm. Kelham, Sharon Bldg., San Francisco.
Engineer—H. J. Brunnier, Sharon Bldg San Francisco.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco.
The Moore Dry Dock Co., Balboa Bldg., San Francisco, submitted the lowest bid on the steel and will be awarded the contract in a few days.

Contractors Selected.
BANK & OFFICE Cost, $250,000
STOCKTON, San Joaquin Co., Cal., Sutter St. near Main.
Ten-story class A bank and office bldg.
Owner—Commercial & Savings Bank.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Engineer—C. H. Snyder, 251 Kearny St. San Francisco.
Construction Mgrs — Lewis & Green, Commercial Bank Bldg., Stockton.
Bids are under advisement for approximately 600 tons of steel.

Contract Awarded.
STORE BLDG. Cost, $10,640
SAN FRANCISCO, E Fillmore N O'Farrell St.
One-story reinforced concrete store building.
Owner—Lester Loop.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—John Martinelli, 180 Jessie St., San Francisco.

Plans Complete — Contract To Be Awarded In a Few Days.
STORE BLDG. Cost, $—
OAKLAND, Alameda Co., Cal., Clay bet. 14th and 15th.
Alterations to 8-story fireproof furniture store bldg., (occupied by John Breuner Co.)
Owner—W. C. Jurgens, Hotel Oakland.
Architect—Reed & Corlett, Oakland Bk Savings Bldg., Oakland.

Contract Awarded.
MARKET BLDG. Cost, $200,000
SAN MATEO, San Mateo Co., Cal., 3rd St. west of B St.
One-story concrete market building.
Owner—W. Maltagliati, 229 B St., San Mateo.
Architect—Kuhn & Edwards associated 833 Market St., San Francisco.
Contractor—L. Dioguardi, Dumbarton, Redwood City.

Electric Wiring Bids Being Taken — Bids Close April 2, 1924.
OFFICE BLDG. Cost, $1,500,000
SAN FRANCISCO, SE Market & Beale Streets.
Seventeen-story and basement class A brick, steel and concrete office building.
Owner—Pacific Gas & Electric Co.
Architect — Bakewell and Brown, 251 Kearny St., San Francisco.
Consulting Engineer — C. H. Snyder.
Consulting Mechanical Engineer — Hunter & Hunter.
Bids for the general contract, plastering, lathing, furring, masonry and light fixtures are under advisement.

Sub-Contracts Awarded — Mill Work Bids Being Taken.
ADDITION Cost, $100,000
OAKLAND, Broadway and 11th St.
Two-story class A addition to bank.
Owner—Bank of Italy.
Architect—H. A. Minton, 550 Montgomery St., San Francisco.
Reinforcing steel to Badt-Falk Co., Call Bldg., San Francisco.
Heating to Frank J. Edwards, 351 12th St., Oakland.
Electric work to Crown Elec. Co., 153 Eddy St., San Francisco.
Steel forms to Steelform Constructing Co., Monadnock Bldg., San Francisco.

Planned.
STORE BLDG. Cost, $—
SAN FRANCISCO, Stockton & O'Farrell Streets.
Alter and add 6 stories to present 3-story fireproof department store building.
Owner—O'Connor, Moffatt & Co., Post and Kearny Sts., S. F.
Architect—Not given.
NOTE—Mr. Frederick Whitton has been architect and manager of construction for O'Connor-Moffatt's previous additions and alterations.

Contract Awarded.
POST OFFICE Cost, $100,000
OAKLAND, 16th and Willow Sts.
One-story brick and concrete post office building.
Owner—Oakland Bldg. & Mfg. Co., 308 12th St., Oakland.
Contractor—Schuler & McDonald, 308 12th St., Oakland.

Working Drawings Being Prepared.
STORE BLDG. Cost, $200,000
SACRAMENTO, Cal., "J" St., bet. 11th and 12th Sts.
Three-story and basement reinforced concrete department store bldg. with terra cotta exterior.
Owner—Chas. P. Nathan & Sons Co., 800 L St., Sacramento.
Architect—Hemmings & Starks, Ochsner Bldg., Sacramento.
Plans will be ready for figures in about six weeks.

Figures Being Taken For a General Contract.
STORE & OFFICE BLDG. Cost, $—
SACRAMENTO, Cal., K St., bet. 11th and 12th Streets.
Three-story class A steel, brick and terra cotta store and office bldg. designed for a 12-story structure.
Owner—H. H. & W. S. Hart.
Architect—F. A. Foale, Ochsner Bldg., Sacramento.
Bids for the general contract will be opened March 25th. Bids for the steel are under advisement. Separate bids for the plumbing, heating, electrical work and elevators are being taken and will be opened about the same time as the general.

Contract Awarded.
ADDITION Cost, $10,000
SAN MATEO, San Mateo Co., Cal., 253-5-7 B St.
Addition to brick store.
Owner—L. H. Castle.
Contractor—S. A. Born Bldg. Co., Glazenwood, San Mateo.

LOS ANGELES, Cal.—S. W. Straus & Co. has underwritten a $775,000 bond issue on the Western Costume Co. bldg to be erected on the west side of Broadway north of Tenth St., for the Ninth & Broadway Bldg. Co. The bldg. will be 10-story and basement, 100x150 ft. Macdonald & Kahn, Mercantile Arcade Bldg., will be the contractors; Kenneth Macdonald, Jr. & Co., Brackshops Bldg., archts.

Construction Started.
OFFICE & BANK BLDG. Cost, $—
SAN FRANCISCO, NW Sacramento and Battery Sts.
Seven-story and basement class A office and bank bldg. (this is the second unit).
Owner—Federal Reserve Bank.
Architect—Geo. Wm. Kelham, Sharon Bldg., San Francisco.
Contractor—P. J. Walker Co., Sharon Bldg., San Francisco.
As reported yesterday, the wood piling, excavating, shoring and pumping has been awarded to M. B. McGowan, 180 Jessie St., at $21,987.
Most all of the sub contracts work will be don by contractors who had contracts on the first unit, which is now completed.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 227 Higgins Bldg., is preparing plans for a 1-story brick store and garage bldg. to be erected on Vermont Ave. near Wilshire Blvd. for Jackie Coogan. Five stores and garage; dimensions 100x164 ft., brick walls, cast stone front, plate glass windows, steel beams, comp. rfg., metal skylights, cem. fls.

LOS ANGELES, Cal.—Stanton & Hibbard, Metropolitan Bldg., have the contract to erect a 2-story brick store and office bldg. at n.e. cor. of 6th and Coronado Sts. for Latimer & Rippey, 1307 Santee St. Dimensions 136x122 ft., brick walls, press. brick and cast stone facing, plate glass windows, steel beams, tile and comp. rfg., metal skylights, pine trim, wood and cem. flrs., $55,000.

LOS ANGELES, Cal. — William A. Dempsey, Yale, Okla., represented by Harry H. Culver & Co., has purchased the s.w. cor. Venice and Sawtelle Blvds. and contemplates erecting a large store bldg. It will be of brick constr. and will contain about 5 stores with large store for bank.

LOS ANGELES, Cal.—Archts. Dodd & Richards, 905 Brack-Shops Bldg., are completing plans for a 2-story class C brick shop bldg. to be erected at the n.w. cor. of Figueroa St. and Potter Park Ave. for C. H. McWilliams, 919 Chapman Bldg. Eight stores in the first story, shop or lofts in the second story; dimensions, 152x167 ft.; brick walls, press. brick and cast stone facing, plate glass windows, steel beams, comp. rfg., metal skylights, pine trim, cem. and wood flrs., elevator; $125,000.

SAN FRANCISCO—Archt. Chas. F. Plummer, 1108 Story Bldg., Los Angeles, is preparing plans for the remodeling of a cafeteria at 1059 Market St., San Francisco, for Boos Bros. The work will include new kitchen, kitchen equip., new tile, marble and hardwood fls., 50x170 ft., elec. wiring, plastering, painting and decorating, plumbing etc.; $75,000.

OAKLAND, Alameda Co., Cal. — Mayor Allen E. Pelton of San Leandro announced the purchase of the northeast corner of Twelfth and Jackson streets, 120x100, on which plans the erection of a substantial building.

LOS ANGELES, Cal.—Archts. John Parkinson and Donald B. Parkinson, 420 Title Ins. Bldg., have prepared preliminary plans for a 12-story class A medical office bldg. to be erected for California Pacific Holding Co., Inc., Lyle W. Rucker, attorney, Hollywood Security Bldg. Several sites are under consideration. The bldg. will be 150 by 165 ft. The Loughbom Constr. Co., 3981 S Western Ave. will be the contractors. The bldg. will cost $1,500,000.

SAN FRANCISCO—The following sub contracts have been awarded in connection with the construction of class A addition to the Western States Life Ins. Co's building on ne 6th and Stevenson St., S. F. Reid Bros., architects and P. J. Walker Co., Sharon Bldg., general contractor.
Electric work to Butte Elec. Eq Co., 956 Folsom, at $3895.
Plumbing to J. B. O'Mara Co., 445 Minna St., $13,300.
Heating and ventilating to P. W. Wood 106 Santa Cruz Ave., $14,272.

GLENDALE, L. A. Co., Cal.—Los Angeles Holding Co., (Chas. S. Haynes, A. Carlow Brown and Mr. Jamison), 1347 San Fernando Rd., Glendale, has taken out permit to erect a 2-story brick store, office and apt. bldg. at 1343-7 S San Fernando Rd., cor. Los Feliz, Glendale; plans by H. E. Terrell, 8221 Santa Monica Blvd., Hollywood; 60x146 ft., brick walls, struc. steel, comp. rf., plate glass, conc. 1st fl., art stone exter. trim 8 stores, 5 offices, 12 apt. suites; cost $50,000.

SANTA BARBARA, Santa Barbara Co., Cal.—Archt. William A. Edwards has completed plans for a market bldg containing 22 separate stores, to be erected on the B. F. Kerr property adjoining the San Marcos bldg. on State St. for Ernest Harrington, who has taken a ten-year lease on the property. The bldg., which will be of Spanish type, will cost $50,000.

LOS ANGELES, Cal. — Archt. W. Douglas Lee, 403 Sun Bldg., is preparing plans for a 6-story class A loft bldg., to be erected at Pico and Wall Sts., for Lloyd & Casler. Reinf conc. const., dimensions 78x137 ft., comp. rfg. cem. and hardwd. fls., 2 elec. elevators, steel sash, fire escapes, wire and plate glass; $125,000.

LOS ANGELES, Cal.—Archt. Joseph Weston, 515 Hollywood Security Bldg., Cahuenga Ave. and Hollywood Blvd., is preparing plans for a 2-story class C bank, store and office bldg. to be erected at Vermont Ave. and Santa Monica Blvd., for Nicholas Priester. Six stores and banking room below, 15 offices above. Found., 100x127 ft., terra cotta exter., comp. rf.

SANTA ANA, Orange Co., Cal.—Bowman & Preble, Santa Ana, have been awarded the contract to erect 2-story and basement class C store and loft bldg., at s.e. cor. 4th St. and Van Ness Ave., Santa Ana, for W. P. Fuller & Co. Hudson & Munsell, 443 Douglas Bldg., archts. and Fay Spangler, Santa Ana, assoc. Dimensions, 70x125 ft., brick walls, ruff. brick and cast stone facing, steel beams, plate glass, comp. rfg., metal skylights, steel sash, elevator.

SAN FRANCISCO—M. B. McGowan, 180 Jessie, has been awarded a contract at $21,987 by P. J. Walker Co., Sharon Bldg., for wood piling, excavating, shoring and pumping for a 7-story class A office building.

THEATRES

LOS ANGELES, Cal.—Archts. Gable & Wyant, 634 S Western Ave., have completed preliminary plans for a store and theatre bldg. to be erected at n.w. cor. W Adams St. and Crenshaw Blvd. for the Hill-Friedman Co., 1812 W 7th St. (556-675); it will contain 7 stores and the theater will have a seating capacity of about 2500 people. The bldg. will probably cover the entire site, which is 210x210 ft., brick walls, 1-sto. and basement, press. brick facing, cement and hardw. fls., plate glass, etc.

WHARVES AND DOCKS

SAN FRANCISCO—The State Board of Harbor Commission opened bids on March 13th and awarded the contract to the Clinton Construction Co., 923 Folsom St. to rebuild wharf (creosoted piles and timber) at Islais Creek. Frank White, Ferry Bldg., engineer. Following is a complete list of the bids.

Clinton Constr. Co.	$66,495
A. W. Kitchen Co.	67,530
Healy-Tibbetts Const. Co.	68,200
Tibbitts-Pacific Co.	70,100
S. F. Bridge Co.	76,000

SAN PEDRO, Cal.—Merritt-Chapman & Scott, Box 206, Wilmington, Cal., has secured tract of land at the harbor, with 1000-ft. frontage on channel No. 3, as a site for a big litherage and salvage terminal. The company will maintain a fleet of wrecking ships.

LOS ANGELES, Cal.—All bids for fur. conc. piling under spec. 586 were returned unopened to the several bidders. This action was taken after Pres. C. J. Colden has given representatives of the bidders an opportunity to state whether they would be willing to submit their designs for selection by the board, with the idea of submitting the selected design to bidders for competitive prices. General opinion favoring this method, the harbor engr. was instructed to prepare plans and spec. in conformity with this idea and with the legal requirements of the charter.

SAN DIEGO, Cal.—Robert E. McKee, Box 116, San Diego, submitted low bid to city harbor comm. at $72,760 to const. foundations, pavements, railroad tracks and miscellaneous deck construction for Municipal Pier No. 2, to be known as Convract D. The work to be done consists in the construction of the following units: Concrete and pile foundations for the shed; grading and concrete walls for center track depression; railroad tracks on pier and approaches; drainage system, including inlets, catchbasins and drain pipes; concrete pavement on south half of pier, and a portion of the center track depression. Frank G. White, consulting engr.; H. E. Squire and G. A. Wood, associate engrs. There were two other bids.

MISCELLANEOUS BUILDING CONSTRUCTION

Owner Taking Figures.
MORTUARY Cost, $20,000
PALO ALTO, Santa Clara Co., Cal. SW Cowper St. and University Ave.
Two-story concrete and hollow tile mrotuary.
Owner—Roller & Hapgood, Palo Alto, Calif.
Architect—John K. Branner, 251 Kearny St., San Francisco.
Bids are being taken for a general contract.

Contract Awarded.
STABLE, ETC. Cost $20,000 approx.
OAKLAND, E-14th St. & 27th Ave.
One 1-story brick outhouse and a 2-story brick stable.
Owner—Little Sisters of the Poor.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

OAKDALE, Stanislaus Co., Cal. — Jos. Ruiz, proprietor of the Church Spring's Resort, has had plans prepared for improvements costing approx. $50,000 to rebuild the present structures. Thirteen new cottages and a swimming pool are included.

LA VERNE, L. A. Co., Cal. — See "Hospitals" this issue. Home for children.

LOS ANGELES, Cal. — A. Godfrey Bailey, 410 Jr. Orpheum Bldg., has completed preliminary plans for a bath house and swimming pool to be erected at n.w. cor. Jefferson Ave. and Mesa Dr., for Ben Harris and assoc; the bath house will have accommodations for about 4000 people and there will be lunch room, beauty parlor and spectators promenade. Frame and plaster constr., 146x489 ft., 1-sto. and mezzanine fl., tile and comp. rfg., cem. and pine fls., plate glass, struc. steel; the pool will be of reinf. conc. constr. with tile lining, 90x400 ft. with a depth of from 1 to 12 ft. The owners are at present securing franchises for a pipe line from the ocean.

NEEDLES, San Bernardino Co., Cal. —Sumner-Sollitt Co., Delta Bldg., has been awarded a contract for remodeling the lunch room at Needles for the Santa Fe Railway Co. New counters, tile fls., wainscot and counter facing new kitchen equipment, news stand, etc; $40,000.

RIVERSIDE, Riverside Co., Cal. — Ernest Pickering has purchased Urbita Springs, bet. Riverside and San Bernardino, and will expend approx. $135,000 on improvements.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information may be obtained from the office of Building and Engineering News, 818 Mission street, San Francisco, either by phone, letter or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

D-1131 — Corning, Calif. Gentleman would like to get in touch with dealer in charcoal.

D-1132—Hope, Alaska. Party desires purchase poultry netting, also wants catalogs from wholesale and retail grocery houses.

D-1133—San Francisco, Calif. Gentleman would like to communicate with firms desiring representation in Washington.

D-1134—Monterey- Calif. Party interested in communicating with firms handling steel wall lockers similar to those installed in public schools, gymnasiums, etc.

D-1135—New York, N. Y. Firm desires representation on Pacific Coast to distribute their product to paint and varnish trade, and manufacturers of products using shellac.

D-1138—Green Bay, Wis. Gentleman with a few thousand dollars to invest desires to acquire a tract of land in the Santa Clara Valley or adjacent territory.

D-1141—Marion, Ind. Manufacturers of "Certified" drop forgings desires sales representative, manufacturers' agent or sales organization to follow up the sales of their product in this locality.

D-1143—Berkeley, Calif. Gentleman desires to get in touch with agents or dealers who handle apparatus or processes for sanitation of swimming pools, such as by chlorination.

D-1144 — Cleveland, O. Concern desires to communicate with machinery dealers to represent them in the sale of grinding, buffing and polishing machines.

D-1150—East Chicago, Ind. Firm is in the market for washed gravel and sand and screened crushed quartz, to be used for water filters.

8009—Note—San Francisco firms, interested in developing Australian business, are advised that the foreign trade bureau has on hand names of many first class houses in Oceania who are desirous of selling San Francisco lines.

8010—San Francisco.—San Francisco representatives of established Sydney firm is in the city to obtain agencies of mechanical lines, automobile supplies and accessories for the Australian market.

8012—San Francisco. Representatives of Sydney, Australia, foreign trade firm desires to obtain representation from San Francisco producers.

8013 — Melbourne, Australia. Representative agent who is introducing office time-saving appliances and specialties in his territory, desires the agency for low priced adding machines and other office devices and appliances

8014—San Francisco, Cal. Gentleman with eleven years' experience in selling in California, is leaving for Australia and desires to represent San Francisco manufacturers as a resident agent there on a commission basis. References given.

8016 — Kansas City, Missouri. Large dry goods house is in the market for basketry, pottery, porcelain ware, lacquer ware, fire screens, brass bowls and other Chinese or Japanese products.

8020—San Francisco, Cal. Local firm desires to buy English, Belgian or German encaustic tile from a direct importer.

8024—Nijmegen, Holland. Manufacturers of a drill holder and protector for automatic drills desire to appoint an exclusive agent in San Francisco who could represent this firm on the Pacific Coast. This machine product is said to be meeting with considerable success in England and France, but has not yet been introduced in the United States.

8029 — Brussels, Belgium. Cement manufacturers desire to supply cement which meets highest tests, to San Francisco importers.

Leads for Business

ARCHITECTS — J. S. Gould, Flatiron Bldg.
ATTORNEYS — Emery Mitchell, 315 Montgomery.
AUTOMOTIVE—Carolan & Ruoff (shop) 363 Valencia.
BAKERIES—J. P. Eberly (Blue Bird Bakery), 1864 Union to 324 Fell.
BARBER SHOP AND CIGARS—Wm. Sanders buying 305 Eddy—March 18.
BEAUTY PARLORS — Juliet Beauty Shop (Mrs. Kate Jewell), 793 Post.
BOOKS AND STATIONERY—L. Gelber, 336 Sutter.
CANDY—S. E. Chapman, 879 Bush.
CLOAKS AND SUITS—A. E. Grossman & Son, 153 Kearny.
COLLECTION AGENCIES — General Collection Corp (S. W. Dunn), 611 Santa Fe Bldg.
DENTISTS—Dr. A. M. Jonck, 516 Sutter
ELECTRICAL—Fillmore Electric Co., 2238 to 2216 Fillmore.
FLORISTS — San Mateo Nursery Co., 160 5th.
GROCERS — Edgar Gray succeeded Mrs. A. M. Cunningham, 2093 Baker.
Dan McSweeney, 2301 Bryant
ICE CREAM — Mr. Thomas, 3101 Clement.
LEASES—Lease to Adelaide Knight, 830 Folsom; Lease to John M. Foge, NE 5th and Mission; Lease to L. E. Frank 407 Stockton.
LEATHER GOODS — Lankershim Leather & Novelty Co. (M. Hammeeslough), 53 5th.
MFRS. AGENTS—Johnson Sales Co. 27 Elgin.
MARKETS—Emile R. Bareilles buying Arcade Market, 1733 Fillmore—Mar. 19.
OPTOMETRISTS—Cecil V. Lyons, 210 Post.
PHYSICIANS — Dr. J. F. Runner, 391 Sutter.
Dr. Fermin Orella, 323 Geary to 909 Hyde.
PLUMBING—Moses Cohen, 776 to 829 Sacramento.
PUBLISHERS—Ben Levin, 582 Market.
RADIO—F. M. Baughton & Co. (cabinets), 2322 Pine.
REAL ESTATE — H. Eisenberg, 109 Montgomery.
Rose Sage, 275 Post.
RESTAURANTS—Change of ownership 487-493 Valencia.
Pete Mandich selling Union Pacific Restaurant, 684 Broadway—Mar. 19.
Blue & Gold Coffee Shop, 872 Geary.
Pleasant Cafe, 761 Divisadero.
SHOES—Frank's Shoe Repairing Shop branch 782 O'Farrell
STORES—New business to open 427 Eddy.
STUDIO—Miss Hoover and Miss Holloway (dramatic), 533 Post
TAILORS—A. Berglog, 130 Sutter to 544 Market.
Winters, 1182 Turk to 1167 McAllister.
TOILET PREPARATIONS—Oakley & Co. (perfumes), 693 Market.
TRUNKS AND LUGGAGE—L. Meyer, Commercial Bldg.
WOODWORKING—Arthur Boling (M. Lando Shop), 1385 Pacific.
TOOLS — Rawling Mfg. Co. (factory opening Napa), office 630 Market.
WASHING MACHINES — Minimax Washing Machine Co. and Regina Vacuum Cleaner, 77 O'Farrell to Gillette Bldg.
MISCELLANEOUS—American Burglar Alarm Co., 235 Montgomery.
Harbison-Walker Refractories Co. (Engineering Specialties Co., Agts) 552 Market.
H. H. Daley Co., Call Bldg.
Dr. L. C. Carola, 56 Post.
Henry Bloom (produce) & A. Bloom & Co. (rope), 45 to 53 Washington.
LEASES—Mar 6, 24—Guadalupe Realty Company to Homer Arbuckle—N Jackson 73-10 W Leavenworth W 64-2 x N 82 5 yrs $15,800.
Mar 5, 24—Sigrid Forsmann to O H Webber—1228 9th Ave 1 yr $300.
Feb. 21, 24—William Nicol Company to Frank and Julia Domonichini—4001, 4005, 4007 & 4011 24th St cor 24th & Noe Sts 6 yrs $18,000.
Jan 1, 24—Wallace Bradford to Adelaide Knight—830 Folsom St 4 yrs $11,400.
Mar 8, 22—Catherine Dunne Company to John M Foge—NE Mission & 5th N 85 x E 50 100v 371 5 yrs $21,000
Mar 3, 24—Herman Van Der Zee to Joseph Marguleas—2598 San Jose Av 5 yrs $4500.
Feb. 28, 24—Walter H. Sullivan to L Edward Frank — NW cor Sutter & Stockson Sts No 407 Stockton St 5 yrs $12,000.
ARCHITECTS—A. W. Newman, Hearst Bldg.
ART STORE—Pacific Art Studios, 821 Market.
ATTORNEYS—A. Spivock, 351 California.
AUTOMOTIVE—T. E. McMeans (motors), 1529 Van Ness Ave.
BAKERIES — Geo. Doescher bought Hayes Valley Pastry Shop, 408 Hayes
BATTERIES—Geary Battery Service, 2225 Geary.
BEAUTY PARLORS—Theresa Sebock buying Bellevue Hairdressing Parlor 805 Geary.
Marvin Beauty Shop, 1108 Clement.
De Luxe Beauty Parlor, 936 Clement.
Elite Beauty Parlors, 5548 Geary.
BEVERAGES — W. E. S. Stoneman to open beverage syrup mfg. plant 14 Laussat soon.
BROKERS — Equitable Loan Assn., Hearst Bldg.
BUILDING MATERIALS — Banks Wrecking Co., 1230 Howard.
CANDY, Pietro Gentilo succeeding A. Tricolo, 703 Columbus Ave.
CIGARS—John Jackson succeeding R. J. Searle, 601 Hayes.
CLEANING AND DYEING—H. Markison, 209 Sanchez.
Royalty Cleaning Works, 1601 Page.
CLOTHING—Herbert Schaffner Co. (B. A. Cowan), 22 Battery.
DENTISTS—Dr. J. P. Browne 4095 18th
DRY GOODS—Tillie Hersch and Henry Saltzman bought 1534 Grant Ave.
GOWNS—Mrs. Belle Gaylor, 333 Post.
GROCERS—Mint Grocery to open 5th and Jessie soon.
S. M. Lea, Jr., bought 1220 47th Ave.
Emilie Flosi, 243 Hooly Par.
T. J. Griffin, 2780 21st.
HARDWARE—Crescent Hardware Co., 3829 Mission.
HOTELS—E. Vidal and A. Cadoul buying Santa Fe Hotel, 684 Folsom.
Phyllis L. Beliveau buying Hotel Garnet, 504 4th.
F. A. Grote, Orange, Cal. and associates plan $500,000 hotel.
IMPORTERS—J. A. Dick, 465 California.
LEATHER GOODS — Justin Leather Goods Co., 593 Market.
LOCKSMITH—H. R. Simpson 1005 Mission.
MFRS. AGENTS—Beckley Ralston Co., 550 Montgomery.
MARKETS—Van Ness Meat Market, 2301 Van Ness Ave.
MINING—United Trinity Mines (W. E. and H. G. Schwarz), Chancery Bldg.
PAPER—San Francisco Paper Co. (S. Manos), 263 7th.
PLUMBING SUPPLIES — Valencia Plumbing Supply Co., 590 Valencia.
POLISHES — Cabinet Polish Co., 51 Belden.
PRODUCE—E. Saliou & Co., 600 Front.
PUMPS AND TANKS—L. H. Nichols, Matson Bldg.
RADIO—Precise Mfg. Co., Pacific Bldg.
REAL ESTATE—Davidson & Clark, 57 Post.
Municipal Properties, 605 Market.
RESTAURANTS—Old Fashioned Sandwich Shop, 301 Turk soon.
Peter George bought 3296 Mission.
Fong Din selling 182 3rd.
W. L. Sietz buying Ocean Ave. Lunch 1601 Ocean Ave.
Jas. Sulliotis and Gust Stathis buying 405 Eddy.
Grill and Coffe Shop, 2189 Mission.
Mae's Coffee Store, 5915 Geary.
SECRETARIAL SERVICE — T. W. White, 703 Cunard Bldg., 503 Market.
TAILORS—Three C's Tailoring Co., 760 Market.
M. Ternek, 564 to 575 Geary.
TOILET PREPARATIONS — Adolph Spiehler Inc. (perfumes) Pacific Bldg.

Official Proposals

NOTICE TO BIDDERS

(City of Tracy—Pumping Plant)

Sealed proposals addressed to George L. Frerichs, Clerk of the City of Tracy, and endorsed proposals for contract for furnishing pumping unit, stand-by engine, necessary pipe and fittings, and constructing building for housing the same, will be received by the Board of Trustees of the City of Tracy, at the office of the Clerk of the City of Tracy, City Hall, Tracy, California, **until the hour of 8 o'clock in the afternoon of the 3rd day of April, 1924**, and at that time and place will be publicly opened and read in the council chamber of the City Hall, Tracy, California.

The bids are to be made upon the following items:

Item No 1. Pumping unit, a deep well turbine to be installed in the 14-inch well at least 40 feet below the ground surface, and designed to pump 150 G. P. M. against a 200 foot dynamic head. Pump suction and screen to extend approximately 36 feet below the pump, to be driven by a 60 H. P. 40° 3 phase, 60 cycle 220 volt vertical type, A. C. Induction Motor, mounted on a pulley type pump head. This unit also to have necessary oiling devices for motor and turbine. The motor to be equipped with float operated starting compensator with overload and low voltage realy releases.

Item No. 2. Pipe and Fittings. Two 90° long sweep flanged 8-inch elbows and 130 feet of 8-inch dipped threaded W. I. Pipe, ½-inch Calking Wye, at an angle of 60° 40' with branch flanged and two calking 8-inch hubs, one 8-inch check valve and one 8-inch to 6-inch reducer.

Item No. 3. A 75 H. P. Engine with drive pulley and clutch control with all necessary devices and equipment.

Item No. 4. Pump House. All of the labor, material, and equipment and supplies necessary for the erection and construction of 16 by 40 frame building with corrugated iron sheeting and roofing erected on concrete foundation. The price bid shall be for delivering f. o. b. Tracy, California, and shall also state price per day, net, for services of a competent, erecting engineer for the installation of the pumping unit and engine. The City of Tracy to furnish hauling of equipment to City well, machinery foundations and common labor required for installation.

Bidders shall state the type, make, rating, necessary diagram and curves, dimension drawings and descriptive matter sufficient to furnishing complete information to be submitted with their bid.

All machinery, equipment and materials and work to be done are to be in accordance with the plant and specifications of W. D Harrington, Engineer of the City of Tracy.

Said plans and specifications are now on file at the office of the Clerk of the City of Tracy.

Each bid is to be presented under sealed cover and shall be accompanied by cash or certified check payable to the Clerk of the City of Tracy, in an amount equal to ten per cent of the bid, and no bid shall be considered unless such cash or check in enclosed therewith.

A common law bond will be required for the faithful performance of the contract in a sum not less than 25 per cent of the estimated amount of the contract; and a further bond in the sum of not less than 50 per cent of the estimated amount of the contract must be furnished, with acceptable sureties, to secure the payment of laborers, materialmen, etc.

The right is reserved to accept the proposal of the lowest responsible bidder, or to reject any and all bids.

Should the successful bidder to whom the contract is awarded fail to execute the same, said cash or checks shall be forfeited to and become the property of the City of Tracy. All other cash and checks shall be returned to the unsuccessful bidders who submitted the same.

Bidders shall include as part of their bid complete descriptions and statements covering guarantees of performance of the equipment they propose to furnish, which will be incorporated in the contracts of the successful bidders, and made a part thereof.

Done by order of the Board of Trustees of the City of Tracy.

Dated: This 6th day of March, 1924.

(SEAL) GEORGE L. FRERICHS.
Clerk of the City of Tracy.

NOTICE TO BIDDERS

(City of Alameda—Transformer, Etc.)

Notice is hereby given that the Board of Public Utilities of the City of Alameda will receive bids for furnishing 1-100 KVA, 11,000 volts to 2400 volts, single phase oil cooled transformers, and certain other electrical apparatus in accordance with specifications on file in the office of the Secretary of said Board to which bidders are referred to for full particulars.

All bids must be sealed and marked "Proposals for Transformer and Other Electrical Apparatus" and must be delivered to the Secretary of the Board of Public Utilities at 1411 Park Street, Alameda, Cal., **before 5 o'clock P. M., Friday, March 28th, 1924.** No bids will be considered which are handed in after the time mentioned

The Board of Public Utilities reserve the right to reject any and all bids

By order of the Board of Public Utnities, Alameda, Cal.

A D. GOLDSWORTHY,
Secretary

March 12, 1924.

NOTICE TO BIDDERS

(Town of Antioch—Steel Tank)

Notice is hereby given that sealed proposals will be received at the office of the town clerk of the Town of Antioch, County of Contra Costa, State of California, until eight o'clock p. m., on Friday the Twenty-eighth day of March, 1924, at which time they will be publicly opened and read, for the construction of one steel settling tank at the Municipal Water Works of said Town of Antioch, in accordance with the plans and specifications therefore adopted by the Board of Trustees of the Town of Antioch, on the 10th day of March, 1924, to which reference is hereby made for further particulars.

Plans may be seen and forms of proposal, bonds, and specifications may be obtained at the office of the said town clerk in the Town of Antioch and also at the office of the city engineer at the said Town of Antioch.

All bids must be accompanied by a certified check on some solvent bank or a cash deposit in a sum equal to ten per cent of amount bid on whole contract, upon the condition that if the contract is awarded to the party submitting the accepted bid, he will enter into a contract or contracts and furnish such bonds as may be required by said Board, within ten days after the notice of such award, or failing so to do, the amount of such cash deposit or certified check will be forfeited as liquidated damages for such failure.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

The Town of Antioch acting through its Board of Trustees, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the town.

All checks to be made payable to the order of the Board of Trustees of the Town of Antioch, Contra Costa County State of California.

The envelope shall be addressed to the Board of Trustees, of the Town of Antioch and marked "Bids For Water Works Improvement."

By order of the Board of Trustees, of the Town of Antioch, Contra Costa County, State of California.

Dated, Antioch, March 10, 1924.

J. E. McELHENEY,
Town Clerk.

NOTICE TO CONTRACTORS

(Bureau of Yards and Docks—Parade Grounds Surfacing)

ROAD WORK—Sealed proposals indorsed "Proposals for parade ground, San Diego, Calif., specification No. 4961," will be received at the bureau of yards and docks, Navy Department, Washington, until 11 o'clock a. m., April 2, and then and there publicly opened for the surfacing of a parade ground with rock and asphaltic oils at the naval operating base (training station), San Diego, Calif. Drawing and specification No. 4961 may be obtained upon application to the bureau or to the public works officer, U. S. N., San Diego, Calif. Deposit of a check or postal money order for $10, payable to the chief of the bureau of yards and docks, is required as security for the safe return of the drawing and specification. L. E. GREGORY, Chief of bureau.

NOTICE TO CONTRACTORS

(Grading and Excavation of Certain Canals for Merced Irrigation Dist.)

Notice is hereby given that sealed proposals for the grading and excavation necessary for the construction of certain canals hereinafter described will be received by the Board of Directors of Merced Irrigation District at the office of said Board, in the Barcroft Bldg., in the City of Merced, State of California, at any time **up to 10 o'clock A. M of Tuesday, April 8, 1924,** at which time and place all bids so received will be opened in public by said Board. Thereafter said Board will let said work, either in said sections or as a whole, to the lowest responsible bidder or bidders, but said Board reserves the right to reject any or all bids and readvertise for proposals or proceed to construct the work under their own superintendence.

The work for the doing of which proposals are hereby invited is all grading and excavation necessary for the construction of the canals as shown on the map attached to the specifications for said work and designated as follows:

Division No. 1 in Robinson Tract, consisting of about 19,500 lineal ft. of canal, involving about 30,000 cu. yds. of excavation, and situated in Sections 1 and 12, Township 7 South, Range 11 East, M. D. B. & M.

Division No. 2 in Robinson Tract, consisting of about 13,200 lineal ft. of canal, involving about 21,200 cu. yds. of excavation, and situated in Sections 6 and 7, Twp. 7 S, R. 12 E., M. D. B. & M.

Division No. 3 in El Capitan Colony, consisting of about 17,300 lineal ft. of canal, involving about 12,500 cu. yds. of excavation and situated in sections 4, 9 and 10, Twp. 8 S., R. 13 E., M. D. B. & M.

Division No. 4, Deane Colony, consisting of about 13,800 lineal ft. of canal, involving about 17,800 cu yds. of excavation, and situated in Sections

7, 8 and 18, Twp. 8 S., R. 13 E., M. D. B. & M.

Division No. 5, Deane Colony, consisting of about 15,100 lineal ft. of canal, involving about 17,790 cu. yds. of excavation and situated in Section 7, Twp. 8 S., R. 13 E., and in Sections 12 and 13, Twp. 8 S., R. 12 E., M. D. B. & M.

Said work is more particularly described in the specifications therefor, which may be seen at said office of said Board. Copies of said specifications may be obtained at said office upon deposit of $2 for each copy, said deposit ot be returned to the successful bidder and to any others who return the specifications in serviceable condition.

Any bidder may submit a proposal for doing the work in any or all of said divisions. A bidder to whom a contract for said work or any division thereof may be awarded must furnish bonds as provided by law, to-wit: A bond in the sum of at least one-half of the contract price to secure the payment of the claims of material men, mechanics and laborers, and a bond in the sum of at least one-fourth of the contract price conditioned for the faithful performance of the contract.

Each bid must be accompanied with cash, or a certified or cashier's check or a bond, payable to Merced Irrigation District, for an amount equal to at least 5 per cent of the amount of the bid as a guaranty that, if the bid is accepted, the bidder will, within ten days after its acceptance, enter into a contract with the district in the form attached to said specifications and furnish the bonds aforesaid.

For the purpose of determining the amount of said bonds and deposit, it will be assumed (without so guaranteeing) that the quantities of earth to be moved in each of said sections will be as hereinbefore stated to be the approximate number of cubic yards of excavation in said respective sections.

All proposals must be on forms which will be furnished by said District at its said office and must be in sealed envelopes addressed to the Board of Directors of Merced Irrigation District and marked to indicate that each is a proposal for the doing of said work.

Dated at Merced, Calif., March 17, 1924.

By order of said Board of Directors.

H. P. SARGENT,
Secretary.

NOTICE TO CONTRACTORS

(Bureau of Yards and Docks — San Diego Naval Base Construction)

BUILDINGS, ETC.—Sealed proposals, indorsed "Proposals for buildings, etc., San Diego, Calif., specification No. 4933," will be received at the bureau of yards and docks, Navy Department, Washington, until 11 o'clock a. m. — —, and then and there publicly opened, for barracks storehouse, seven quarters, concrete roads and walks, railroad siding and sewer, water, steam, gas, electric power and light and telephone connections at the naval operating base, Marine Corps base, San Diego, Calif. The work will include excavating, filling and grading, concrete piles, plain and reinforced concrete, natural and artificial stone, hollow tile and brickwork, wood framing, sash and doors, floors and finish, tile roofing, built-up roofing, copper and galvanized sheet metal, stucco, plastering and wire lathing, interior marble, tile and terrazzo and ornamental tile, linoleum, ornamental and miscellaneous metal work, hardware, kitchen equipment, freight elevators, sprinkler system, painting and glazing, plumbing, heating and electric lighting. The bidding items permit awards to be made separately, if the interests of the Government require, for (a), elevators; (b), sprinkler system; (c), roads, walks and railroad siding, and (d), sewer, water, gas, electric, steam and telephone service lines. Drawings and specification No. 4933 may be obtained on application to the bureau or to the public works officer, U. S. N., San Diego, Calif.; deposit of a check or postal money order for $60, payable to the chief of the bureau of yards and docks, is required as security for the safe return of the drawings and specifications. L. E. GREGORY chief of bureau.

NOTICE TO CONTRACTORS

(Willow Glen School District)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Willow Glen School District of Santa Clara County, California, **up to 8:00 P. M., on the 15th day of April, 1924,** in the present school buildings of said school district, in the County of Santa Clara, California, for the erection and completion of a school building for the above named District, in accordance with plans and specifications made for the same by Wyckoff & White, the authorized Architects, employed by the Board.

Bids will be received on a general contract including everything shown and specified with alternate propositions.

Plans and specifications can be seen at the office of the Architects, Wyckoff & White, 511 Growers Bank Bldg., San Jose, California.

A deposit of Twenty Dollars ($20) cash will be required on all plans loaned out on a guarantee of good faith.

All bids to be made out on blank forms furnished by the Architects, and must be accompanied by a check for not less than five per centum (5%) of the amount of the bid, made payable to Geo. B. Cushing, Clerk of the Board, and certified to by some responsible banking house. This check is to be forfeited in the event that the successful bidder, after having been awarded the contract, fails within ten days (10) to sign the contract and furnish good and sufficient bond, as required by law.

The Board reserves the right to reject any or all bids.

Dated at San Jose in Willow Glen School District, this 17th day of March, 1924.

H. I. AUSTIN,
J. E. MOORISH,
GEO. B. CUSHING,
Trustees of Willow Glen School District.

NOTICE TO CONTRACTORS

Anderson-Cottonwood Irrigation Dist.

Sealed proposals will be accepted by the Board of Directors of the Anderson-Cottonwood Irrigation District at the office of said Board at Anderson, Shasta County, California, **up to and including 11 o'clock A. M., on the 8th day of April, 1924,** for the following described work, to-wit:

1. Excavating 6500 ft. of ditch.
2. Excavating and constructing 1320 ft. of ditch.
3. Excavating and constructing 850 ft. of ditch.
4. Enlarging 350 ft. of wooden flume.
5. Extension of Lateral 11-2; 850 ft. of ditch and concrete lining same; 28 stations of excavating.
6. Lateral 17-4-2: Excavating and constructing 1000 ft. of ditch and installing end structures.
7. Lateral 27-2-1; 350 ft. of metal flume; excavating 350 ft. of ditch.
8. Laying of 260 ft. of 2 foot siphon and constructing intake and outlet structures.
9. Lateral 41-1: Excavating and constructing 2950 ft. of open ditch; making and laying 268 ft. of 18 inch concrete pipe; installing 3 road crossings.
10. Making and laying 688 ft. of 2 feet concrete pipe; making and laying 1855 ft. of 18 inch concrete pipe; excavating 250 ft. of open ditch; installing 1 road crossing.
11. Constructing inlet and outlet structures to siphon and excavating 350 ft. of connecting ditch.
12. Laying 225 ft. of 12 inch siphon and raising banks for 350 ft.
13. Making and laying 1025 ft. of 18 inch concrete pipe; 3 road crossings; 435 ft. of open ditch excavation.

As set forth in the plans and specifications of J. H. Larkin, Supervising Engineer, under the date of February 28, 1924.

Such work is more particularly described and specified in the plans and specifications, maps and profiles of such work on file in the office of said Board and to which reference is hereby made for more detailed and specific information in regard to said work. Said plans and specifications may be inspected at all times during business hours, i. e.: between the hours of 9 o'clock A. M and 5 o'clock P. M., of each day.

Said work will be let to the lowest responsible bidder, and the Board reserves the right to let said work either in portions or as a whole, and the Board reserves the right to reject any and all bids.

All bids must be in writing and signed by the bidder, and must be upon the forms furnished by the Board with the blanks properly filled in, and be enclosed in a separate sealed envelope, endorsed with the description of the particular work described in said bid.

Said proposals shall be delivered to the Secretary of the Board of Directors in person by mail or by express before the time for opening said proposals as herein provided.

Said proposals will be opened in public at 11 o'clock A. M., on the 8th day of April, 1924, at the office of said Board, and will thereafter be considered by said Board, and the work let as herein specified.

Said proposals must be accompanied by a certified check upon some bank of good standing in the State of California, payable to the Board of Directors of the Anderson-Cottonwood Irrigation District, for an amount equal to ten per cent, of such proposal (in the aggregate) which check will be returned to the bidder if his bid is not accepted; or if he makes, executes and delivers the contract and bonds in said specifications, and in this notice required, within ten days after the award shall have been made; and if he fails to enter into such contract and to furnish such bonds within said time, then said check and the money payable thereon shall be and remain the property of said District. No conditions whatever shall be endorsed upon said check.

Any person to whom a contract may be awarded shall, after the notice of awarding of such contract and within ten days after such notice make, execute and deliver to said Board a written contract in a form satisfactory to said Board for the performance of said work in the manner and at the time specified, and upon the forms prescribed by this notice; such proposals and said plans and specifications, and shall at the said time enter into a good and sufficient surety bond to be approved by said Board, payable to said District for its use, for twenty-five per cent of the amount estimated as a contract price, conditioned for the faithful performance of said contract according to said plans and specifications, and shall at said time executed and deliver to said District a good and sufficient surety bond for not less than fifty per cent of the proposed contract price as required by the provisions of an Act of the Legislature approved May 10, 1919, entitled "An Act to secure the payment of claims of persons employed by contractors upon public works and the claims of persons who furnish materials, supplies, teams, implements of machinery used or consumed by such contractors in the performance of such work, and prescribing the duties of certain public officers with respect thereto."

The successful bidder will be required to protect the District against all liability for compensation for personal injuries or death by providing and maintaining sufficient insurance against such liability as may be required by the Board of Directors and provided in said specifications.

The work shall be done under the direction and to the satisfaction of the Engineer of said District and be approved by the Board, and shall be completed on or before the 8th day of October, 1924.

A description of said work specified under these said plans and specifications to be performed by said bidder is fully set forth in the plans and specifications hereinabove referred to. Said bids shall specify the unit prices as designation on the bidding sheet attached to said specifications.

Full details of the requirements may be obtained from said plans and specifications, maps and profiles on file in the office of said Board of Directors.

By order of said Board of Directors of the Anderson-Cottonwood Irrigation District.

Dated, March 11th, 1924

R. F. LEEDY, President.
L. R. WILLIAMS, Secretary.

Engineering News Section

BRIDGES

OAKLAND, Cal.—Until March 17, 10 a. m., bids will be rec. by Geo. E. Gross county clerk, to repair Jack Bents at High St. bridge, Oakland; est. cost $8000. Spec. obtainable from County Surveyor Geo. A. Posey, Courthouse, Oakland.

SANTA ROSA, Sonoma Co., Cal. — Proctor and Cleghorn, Santa Rosa, at $21,800 awarded cont. by supervisors to const. conc. pile trestle near Healdsburg. John Cogo, next low bidder at $21,945. Project involv. 615 cu. yds. "A" conc; 1530 lin. ft. conc. piles.

SANTA ROSA, Sonoma Co., Cal. — Howe and Gates, Vacaville, at $6488 awarded cont. by supervisors to const. rein. conc. bridge on Santa Rosa-Guerneville highway. Proctor & Cleghorn, Santa Rosa, next low bidders at $6593. Project involv. 223 cu. yds. reinforced concrete.

LOS ANGELES, Cal.—Until 11 A. M., Apr. 7, bids will be rec. by supervisors to const. bridge on Clara St., bet. old channel of the Los Angeles river in Rd. Div. No. 107. Plans on file at the office of county clerk.

STOCKTON, San Joaquin Co., Cal.—Until April 8, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to remove present and const. two rein. conc. bridges on Eight Mile Rd., one over Calaveras river and another over slough approx. ¼ mi. west of Upper Sacramento Rd. in Rd. Dist. 1. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from County Surveyor F. E. Quail on deposit of $10, returnable.

WESCO, Nevada — See "Railroads," this issue. To construct 4 steel bridges.

SAN JOSE, Santa Clara Co., Cal. — County Surveyor Robert Chandler instructed to prepare spec. for concrete bridge in Schillingsburg Ave., and another over Guadalupe Creek.

RENO, Nevada—Until March 24, 7 P. M., bids will be rec. by J. B. Reese, City Clerk, to const. 100 lin. ft. rein. conc. culvert in Chestnut St., bet. 3rd and 4th Sts., and 40 lin. ft. rein. conc. culvert in Rock St., bet. Mill St. and the Truckee river. Cert check 10% payable to city req. Plans obtainable from City Eng. Harry Chism on deposit of $5, returnable.

SAN FRANCISCO—Chamber of Commerce is in communication with Eastern financial syndicate which proposes to construct $60,000,000 combined bridge and tube across San Francisco Bay. The Eastern interests inform the Chamber that their plans "are based on a thorough survey of the physical conditions made by engineers in whose judgment they have the fullest confidence." Details of the project are withheld from publication. Engineering and financial facts, however, have been disclosed to San Francisco bankers and will be made public in a short time.

INGLEWOOD, Cal.—County supervisors and local city officials plan steel and concr. viaduct to connect Market St. and Forest Ave. Est. cost, $200,000. Earl W. Porter, secretary of the Inglewood Chamber of Commerce, is a member of the committee in charge.

DREDGING, HARBOR WORKS AND EXCAVATIONS

ANDERSON, Shasta Co., Cal. — Until April 8, 11 A. M., bids will be rec. by L. R. Williams, sect'y., Anderson-Cottonwood Irrigation District to construct ditches, etc., furnish and laying concrete pipe, etc. J. H. Larkin, Supervising Engineer for district. **See call for bids under official proposal section in this issue.**

MERCED, Merced Co., Cal.—Geo. L. Grubb, Modesto, awarded cont. by Merced Irrigation District to const. canals, Sec. 1, involv. 10,208 lin .ft. involv. approx. 36,594 cu. yds. excavation and Sec 2, approx. 8197 lin. ft. involv 23,943 cu. yds. excavation.

Following is complete list of bids for Sec. 1:

G. L. Grubb, (a) earth, $.13; (b) hardpan, $.13; (c) overhaul, $.05.
Isbell Const. Co., Fresno, (a) $.22; (b) $.65; (c) $.05.
C. W. Wood, Manteca, (a) $.18; (b) $.50 (c) $.03.
Ninan and Cook, Turlock, (a) $.174; (b) $.50; (c) $.15.
D. S. Towler, Turlock, (a) $.14; (b) $.14; (c) $.04.
C. R. Adams, Merced, (a) $.15½; (b) $30; (c) no bid.
Eric B. Carlson, Turlock, (a) $.13½; ((b) $.50; c) $.05.

Bids for Section 2, were:

C. W. Wood, (a) $.18; (b) $.50; (c) $.03.
Ninan and Cook, (a) $.159; (b) $.50; (c) $.15.
D. S. Towler, (a) $.13; (b) $.13; (c) $.04
C. R. Adams, (a) $.15½; (b) $.30; (c) no bid.
G. L. Grubb, (a) $.13; (b) $.13; (c) $.05.

LONG BEACH, Cal.—City council awards contract totaling $890,746 for dredging the harbor (contingent upon the bond issue), as follows:

United Dredging Co. at $317,495.80 for dredging the turning basin removing 2,543,000 cu. yds. material at 12.49c yd.

San Francisco Bridge Co., at $173,165 for dredging the connecting channel, removing 1,174,000 cu. yds. material at 14,75c yd

Los Angeles Dredging Co., at $208,206 for dredging channel No. 3, removing 1,614,000 cu. yds. material at 12.9c yd.

Fred C. Franks at $191,880 for dredging channel No. 2, removing 1,640,000 cu. yds. material at 11.7c yd.

NAPA, Napa Co., Cal.—Until March 24, 7:30 P. M., bids will be rec. by H. H. Thompson, city clerk, to excavate a bench along the sidehill in Milliken Canyon on which it is proposed to lay a portion of Milliken Canyon pipe line; will be approx. 6700 ft. in length; construction involv. approx. 7,500 cu. yds. rock and earth excavation. Cert. check $500 payable to city req. Plans obtainable from A. Kempkey, consulting engineer, 416 Hobart Bldg., San Francisco.

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MERCED, Merced Co., Cal.—Until April 8, 10 A. M., bids will be rec. by H. P. Sargent, Sect'y., Merced Irrigation District, for grading and excavation of certain canals, **as more fully described in call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—County supervisors set May 6 as date to vote bonds of $32,301,000 to finance construction of flood control improvements in Los Angeles Flood Control District.

MARE ISLAND, Calif.—See "Government Work and Supplies," this issue. Furnish stone for dike.

MERCED, Merced Co., Cal.—Bids will be asked at once by Merced Irrigation District to const. canals through the Robinson tract south of Livingston. Proceedings have been started and bids will be asked shortly by the district to construct canals through the Crocker-Huffman lands in Deane colony.

OAKLAND, Cal. — Healy-Tibbitts Const. Co., 64 Pine St., San Francisco, at $7,160 awarded cont. by supervisors to const. dolphins and jackbents at High St. bridge. Other bids: Renner Foundation Co., $7,400; M. Elwell Co., $7,757, A. W. Kitchen, $9,841.

IRRIGATION PROJECTS

STATE WATER COMMISSION

CALIFORNIA—Following is a partial list of applications filed during month of February, 1924, with the State Department of Public Works, Division of Water Rights, (Edward Hyatt, Jr., Acting Chief Engineer), for permits to appropriate water:

Applications

Application No. 3817 (Mendocino Co) Peter Frey and Jesse I. Jewel, Ukiah, Calif. 2.6 cu. ft. per sec. and 150 ac. ft. per annum from Russian River for irrigation of 150 acres. Est. cost $8000.

App. 3818 (Calaveras Co) City of Stockton 500 cu. ft. per sec. and 350,000 ac. ft. per annum from Mokelumne River for municipal purposes. Est. cost $3,250,000.

App. 3821 (San Joaquin Co) J. J. Schmidt et al, Lodi, Calif. 1 cu. ft. per sec. from Mokelumne River for irrigation of 80 acres. Est. cost $5000.

App. 3822 (Placer and Nevada Coc) Bear River Water and Power Co., Auburn, Cal., 250 cu. ft. per sec. and 100,000 ac. ft. per annum from Bear River for generation of electricity.

App. 3823 (Placer Co) Bear River for domestic use and irrigation of 175,000 acres of Irrigation District to be formed in Placer County below 1965' contour.

App 3824 (Sierra Co) Kate Hardy Mining Co., Forest, Calif., 15 cu. ft. per sec. from Brush Creek, for mining purposes. Est. cost $3000.

App. 3825 (Los Angeles Co) Herbert H. Schisler, Palmdale, Calif., 7500 ac. ft. per annum from Little Rock Creek and tributaries for irrigation of 4000 acres. Est. cost $40,000.

App. 3827 (Sierra Co) Sovereign Comet Gold Mining Company, Downieville, Calif., 3 cu. ft. per sec. from Jim Crow Canyon for development of 153 h.p. to be converted into electric energy for Comet Mine. Est. cost $10,000.

App. 3830 (San Joaquin Co) Fred Kirschenman et al, Lodi, Calif. 2.12 cu. ft. per sec. from Mokelumne River for irrigation of 170 acres. Est. cost $10,000.

App 3831 (Ventura Co) Chas. J. Wheeler, Stauffer, Calif., 0.02 cu. ft. per sec. from an unnamed spring for domestic purposes. Est. cost $1000.

App 3835 (Siskiyou Co) Orr Brothers Yreka, Calif., 1.31 cu. ft. per sec. from Grenada Irrigation Drain Ditch, for irrigation of 105 acres.

App. 3836 (Siskiyou Co) Orr Brothers Yreka, Calif., 2.5 cu. ft. per sec. from Grenada Irrigation Drain Ditch for irrigation of 200 acres.

App 3837 (San Diego Co) Harry Wm. Maddux, Escondido, Calif., 200 ac. ft. per annum from Jane Creek for domestic purposes and irrigation of 63.22 acres. Est. cost $2000.

App. 3838 (San Luis Obispo Co) Ina and Geo. A. Johnson, Paso Robles, Cal. for 1 cu. ft. per sec. from underground water for irrigation of 65 acres.

App 3839 (Fresno Co) Fresno Irrigation District, Fesno, Cal., 120 cu. ft. per sec. and 30,000 ac. ft. per annum from Kings River for power in connection with Pine Flat Project. 15,000 h.p. to be developed.

App 3840 (Fresno Co) Fresno Irrigation District, Fresno, Calif. 200 sec. ft. and 10,000 ac. ft. from South Fork of Kings River for power in connection with Pine Flat Project. 7000 h.p. to be developed.

App. 3841 (Fresno Co) Fresno Irrigation District, Fresno, Cal., 150 cu. ft. per sec. and 50,000 ac. ft. per annum from Middle Fork Kings River for power in connection with Pine Flat Project. 19,000 h.p. to be developed.

App 3842 (Fresno Co) Fresno Irrigation District, Fresno, Cal., 200 cu. ft. per sec. and 45,000 ac. ft. per annum from Middle Fork Kings River for power in connection with Pine Flat Project. 10,000 h.p. to be developed.

App 3843 (Placer & Yuba Cos) John A. Livingstone, Auburn, Cal., 50 cu. ft. per sec. from Bear River for irrigation of 4102.7 acres. Est. cost $175,000.

App 3846 (San Diego Co) F. Myers D. O. Lamb, H. S. Pratt, Fallbrook, Calif., 40,000 ac. ft. from Santa Margarita River for domestic purposes and irrigation of 10,000 acres of Fallbrook Mesa. Est. cost $750,000.

App. 3850 (Mono Co) City of Los Angeles, 50 cu. ft. per sec. and 40,000 ac. ft. per annum from Rock Creek for power purposes. Propose to develop 10,841 t.h.p. Est. cost $400,000.

App 3851 (Butte Co) A. O. Brown Berry Creek, Calif., 3 cu. ft. per sec. from unnamed tributaries of Berry Creek for irrigation of 250 acres.

App 3852 (Butte Co) A. O. Brown. Berry Creek, Calif., 3 cu. ft. per sec. from unnamed tributaries of Berry Creek for irrigation of 250 acres.

App. 3853 (El Dorado Co) Fairplay Mutual Water Company, Fairplay, Cal. 25 cu. ft. per sec. from Middle Fork of Cosumnes River, for domestic purposes and irrigation of 1369 acres. Est. cost $5000.

App. 3854 (Plumas Co) Feather River Power Co., San Francisco, Calif., 13,290 ac. ft. per annum from Gray Eagle, Smith and Jamison Creeks, for generation of electricity. Est. total theoretical h.p. 14,926.

App. 3855 (Lassen Co) Baxter Creek and Tule Irrigation Districts, Litchfield, Calif., 250 cu. ft. per sec. from Willow Creek for domestic purposes and irrigation of 25,000 acres. Est. cost $1,250,000.

App 3856 (Tuolumne Co) James C. Foss, Jr., Groveland, Calif., 2 cu. ft. per sec. from Jawbone Creek for power to operate Eleanor Mining Company Mill and King Tut Mine.

App 3859 (Modoc Co) John P. Booth, Likely, Calif., 30 cu. ft. per sec. from South Fork of Pit River for generation of electricity.

App 3864 (Calaveras Co) Frederick H. Kindge, Stockton, Calif., 3 cu. ft. per sec. from Wet Gulch for mining purposes.

App 3865 (Inyo Co) Sophia A. Banks, Lone Pine, Calif., 1 cu. ft. per sec. from Diaz Lake for irrigation of 40 acres.

App 3866 (Riverside Co) Richard V. Evans, Elsinore, Calif., 0.125 cu. ft. per sec. from an unnamed canyon for domestic purposes and irrigation of 16 acres. Est. cost $1000.

App 3867 (Los Angeles Co) County of Los Angeles, for 0.10 cu. ft. per sec. from a spring for domestic purposes in Los Angeles County Park. Est. cost $2000.

App 3871 (Los Angeles Co) County of Los Angeles, for 0.12 cu. ft. per sec. from springs at head of Cedar Canyon for domestic purposes in Los Angeles County Park. Est. cost $80,250.

Permits

Following is partial list of permits granted by the Division during the month of February, 1924, to appropriate waters:

Permit No. 1625 (Inyo Co) Issued to H. M. Thurman, Randsburg, Calif., 1 cu. ft. per sec. from Birch Creek Spring for power purposes. Propose to develop 182 t.h.p. Est. cost $20,000.

Permit 1626 (Inyo Co) H. M. Thurman, Randsburg, Calif., 1 cu. ft. per sec. from Jail Canyon Creek. Propose to develop 114 t.h.p. Est. cost $10,000. Power purposes.

Permit 1628 (Inyo Co) H. M. Thurman, Randsburg, Calif., 0.14 cu. ft. per sec. from Jail Canyon Creek for mining purposes. Est. cost $10,000.

Permit 1629 (San Joaquin Co) C. A. Russel, Stockton, R.F.D. No. 6, Box 68, Calif., 1 cu. ft. per sec. from French Camp Slough for irrigation of 80 acres. Est. cost $1000.

Permit 1630 (Mendocino Co) City of Fort Bragg for 0.45 cu. ft. per sec. from The Noyo River for municipal purposes

Permit 1632 (El Dorado Co) Ethel Faris Adams, Vale, Calif., for 0.001 cu. ft. per sec. from springs for domestic purposes. Est. cost $2000.

Permit 1633 (Sutter Co) Laura Freitas, Grafton, Calif., for 1.31 cu. ft. per sec. from Sacramento River for irrigation of 104.97 acres. Est. cost $2500.

Permit 1635 (Los Angeles Co) Ida M. Kelly and J. W. Kelly, Los Angeles. Calif., 0.4 cu. ft. per sec. from unnamed springs for domestic use and irrigation of 80 acres. Est. cost $3000.

Permit 1641 (Ventura Co) Otto G. Wilhelm, Los Angeles, Calif., 1.5 cu. ft. per sec. and 30.5 ac. ft. per annum from Santa Ana Creek for irrigation of 120 acres and also domestic use. Est. cost $20,000.

Permit 1643 (Butte Co) Mrs. Kate M. Gengler, Oroville, Calif 0.37 cu. ft. per sec. from Wfman's Ravine Creek for irrigation of 30 acres. Est. cost $2000.

Permit 1646 (Yolo Co) Beach and Cox, Fair Oaks, Calif., 7.25 cu. ft. per sec. from Sacramento River for irrigation of 588.02 acres. Est cost $20,000.

Permit 1648 (Modoc Co) S. X. Ranch, Alturas, Calif, for 365 ac. ft. per annum from Dry Valley for irrigation of 65 acres. Est. cost $1000.

Permit 1649 (Tulare Co) Calif. Hot Springs, Inc., Hot Springs, Cal., 3:5 cu. ft. per sec. from Deer Creek for power purposes. Propose to develop 167 t.h.p. Est. cost $75,000.

Permit 1651 (Humboldt Co) L. H. Orcutt, Weitchpec, Calif., for 3 cu. ft. per sec. from North Fork of Pacwan Creek for mining purposes.

Permit 1653 (San Mateo Co) David H. Atkins, Pescadero, Calif, for 9 cu. ft. per sec. and 155.5 ac. ft. per annum from New Year's Creek, for irrigation of 720 acres. Est. cost $25,000.

Permit 1654 (San Mateo Co) David H. Atkins, Pescadero, Calif., for 2 cu. ft. per sec. and 145 ac. ft. per annum from Elliott Creek for irrigation of 160 acres. Est. cost $15,000.

Permit 1655 (Los Angeles Co) Mary O. Petchner, Palmdale, Calif., for 1.75 cu. ft. per sec. and 200 ac. ft. per annum from Bear Gulch for domestic use and irigation of 140 acres. Est. cost $10,000.

Permit 1656 (Calaveras Co) F. Figoni and A. Puccinelli, San Francisco, Calif. for 55 ac. ft. per annum from an unnamed stream for irrigation of 440 acres. Est. cost $8000.

Permit 1658 (San Joaquin Co) Brack Reclamation District Number 2033, Stockton, Calif., 54.4 cu. ft. per sec. from Mokelumne River, Otter Slough and Sycamore Slough for irrigation of 4355 acres.

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Permit 1659, (San Diego Co) McKinnon and Smith Valley Center, Calif. for 0.93 cu. ft. per sec. and 150 ac. ft. per annum from Woods Valley Creek for irrigation of 75 acres. Est cost $2500.

Permit 1660 (Napa Co) Andrew C. Lawson, Berkeley, Calif. for 0.37 cu. ft per sec. from Napa River for irrigation of 30 acres. Est. cost $2500.

Permit 1661 (Siskiyou Co) Oak Bottom Placer Syndicate, Los Angeles, Cal 7.5 cu. ft. per sec. from Wooley Creek for mining purposes. Est. cost $75,000.

Permit 1662 (Siskiyou Co) Oak Bottom Placer Syndicate, Los Angeles, Cal 75 cu. ft. per sec. from Wooley Creek, for mining purposes. Est. cost $75,000.

Permit 1664 (Butte Co) Friesleben Estate Company, Oroville, Calif., 10 cu. ft. per sec. from Feather River and Honcut Creek for irrigation of 986.93 acres. Est. cost $1000.

Permit 1665 (Yuba Co) Los Verjels Land and Water Company, San Francisco, Calif. for 30 cu. ft. per sec. and 8600 ac. ft. per annum from Dry Creek for irrigation of 6360 acres. Est. cost $125,000.

SANTA ANA, Cal.—Newhope Drainage Dist., plans to expend approx. $160,000, the proceeds of a recent bond issue, to const. approx. 22 mi. drain pipe covering 3372 acres of land in the dist. R. L. Loucks, R. A. Hart and W. W. Weir are the engrs. in charge. Directors of the dist. are: E. R. Stillens, Mrs. Alice Cole (sec'y.), J. W. Martin and B. F. Clutchfield.

ANDERSON, Shasta Co., Cal.—Until April 8, 11 A. M., bids will be rec. by L. R. Williams, sec'y., Anderson-Cottonwood Irrigation District to construct litches, etc., furnish and laying concrete pipe, etc J. H. Larkin, Supervising Engineer for district. **See call for bids under official proposal section in this issue.**

HAWTHORNE, L. A. Co., Cal.—E. F. Shriner and A. M. Gordon have started work on a 12-unit court and garage on Station St. near San Pedro St. Each unit will contain two apts. Cost, $45,000

MERCED, Merced Co., Cal. — R. V. Meikle, chief engineer for the Merced Irrigation District, in a report to the Board of Directors, estimates the completion of the project as follows:

Complete Exchequer dam, $3,833,000 which includes $357,000 for contingencies, supervision and engineering.

Exchequer Power House, $1,268,000 of which $115,000 is for contingencies, supervision and engineering.

Relocation of Yosemite Valley R.R., $3,617,895, of which $226,000 is allowed for contingencies, superintendence and engineering.

Rights of way purchase for reservoir site and railroad, $115,000.

Total estimate to complete upper works of district is $8,850,000, of this $700,000 is allowed for contingencies and superintendence.

LIGHTING SYSTEMS

FRESNO, Fresno Co., Cal. — Valley Electrical Supply Co., 1817 Tulare St., Fresno, at $53,480 awarded cont. by city commissioners to install 258 electroliers with conduits and appurtenances in various sts. Standards will be comb. of c. i. and steel, single lamp globe and lamp. Other bids: H. C. Reid Co. $55,275; Robinson Electrical Co., $54,000; F. E. Newbery Electrical Co., $57,630.

LOS ANGELES, Cal.—Council declares inten. to const. ornam. lighting system in Hobart Blvd., bet. Los Feliz Blvd. and Franklin Ave., 1911 act.

SUISUN, Solano Co., Cal.—March 25 is date set by city trustess to vote bonds of $11,000 to finance installation of electrolier system

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ALHAMBRA, Cal.—Osborn Electric Co., Pasadena, awarded cont. by city commission at $17,878 to install lighting system in section lying west of the new city park and north of Main St. The standards will be of Marbelite type, design No. 1100, single light, with Macbeth-Evans opalescent globe.

CORONA, Cal.—Council selects Marbelite posts for city lighting system. A res. of inten. will be passed at the next meeting of the council.

LONG BEACH, Cal. — Osborn Elec. Co., Pasadena, submitted low bid to council to const. lighting system on Fourth St. at $19,555 and on Magnolia Ave. at $28,574. Other bids were: Walker & Martin, $22,500 and $29,800; A. C. Rice, $20,150 and $29,350; Elec. Lighting Supply Co., $20,182 and $29,-963; Butte Elec. Co., $20,800 and $30,-985; Gare Bros., $20,706 and $32,214.

BAKERSFIELD, Kern Co., Cal.—Robinson Electric Co., Fresno, at $1850 awarded cont. by supervisors to install electroliers fronting county courthouse. Star Electric Co., Bakersfield, bid $2865.

SACRAMENO, Cal.—H. C. Reid Co., 115 Mission St., San Francisco, at $2,-950 awarded cont. by council to install electroliers in J St., bet. Folsom Blvd. and 37th St. Bids was $784 lower than estimate of city eng.

LOS ANGELES, Cal.—H. H. Walker, 1800 W 12th St., submitted low bid to Bd. Pub. Wks. at $44,818 to const. ornam. lighting system in Brooklyn Ave bet. Evergreen Ave. and 2 ft. west from Kearney St. Other bids were: R. A. Wattson, $45,674; A. C. Rice, $45,683; Newbery Elec. Corp., $45,736; J. C. Rendler, Inc., $46,180; Osborn Elec. Co., $46,623.

R. A. Watson, 4907 Melrose Ave., low bidder at $5889 to const. ornam. lighting system in Arden Blvd., bet. Third St. and Wilshire Blvd. Other bids were: J. C. Rendler, Inc., $5900; Newbery El. Corp., $5981; H. H. Walker, $6045; A. C. Rice, $5943.

Electric Lighting Supply Co., 214 W 3rd St., low bidder at $3065 to const. ornam. lighting system in Shatto Pl. bet. Wilshire Blvd. and Seventh St. Other bids were: A. C. Rice, $3479; H. H. Walker, $3657; R. A. Wattson, $3600.

FULLERTON, Cal—Walker & Martin, Fullerton, were awarded contr. by city trustees at $18,700 to const. Marbelite ornamental lighting system (97 posts) on West Amerige St. Other bids were: Robertson Elec. Co., $18,794; Osborn Elec. Co., $19,804; A. C. Rice, $19,527; H. H. Warker, $21,214.

BAKERSFIELD, Kern Co., Cal.—Property owners in H St., bet. 18th and 20th, petition city council to install electrolier system. W. D. Clarks, city engineer.

LONG BEACH, Cal.—Movement is under way to provide ornam. lighting system on Broadway, bet. the flood control channel and Livingstone Dr.

MACHINERY AND EUIPMENT

LOS ANGELES, Cal.—Until 9 a. m., March 19 bids will be rec. by city purchasing agent, 202 n city hall annex, for chemical tanks under spec. 877.

Bids, same date, for truck chassis under spec. 878. Thomas Oughton, purchasing agent.

SAN JOSE, Santa Clara Co., Cal. — County supervisors contemplate purchase of conveyors to carry election supplies to and from election precincts throughout the county. A number of election booths will also be purchased. Henry A. Pfister is county clerk,

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LOS ANGELES, Cal. — Bids rec. by Bd. Pub. Wks. for portable, gas engine driven air compressor units were:

Rix Compressed Air & Drill Co.—$3350 ea. for two units of 250 cu. ft. cap.; first alternative—$2345 each two units of 160 cu. ft. cap.; second alternative—$2700 each two units of 210 cu. ft. capacity.

Chicago Pneumatic Tool Co.—First alt., $2598 ea; second alt., $2800 ea.

Haron Rickard & McCone—$3235 ea; first alt., $2630; second alt., $2820.

Smith-Booth-Usher Co. — $5366 for two Sullivan compressors.

Ingersoll Rand Co. — $6470 for two; first alt., $5260; second alt. $5640.

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HANFORD, Kings Co., Cal.—Cousins Tractor Co., Hanford, at approx. $30,000 awarded cont. by Southern California Edison Co., to fur. three logging outfits for use in clearing canyon for Florence Lake Extension, about 2-mi. in the mountains from Huntington Lake.

LOS ANGELES, Cal. — Bids rec. by Bd. Pub. Wks. to fur. five dump trucks on a rental basis, in connection with Mulholland highway were:

A. A. Alexander—$3.95 per hr.| for 5 trucks.

H. Franklin Schafer—Monthly, one truck, $550; two, $1100; three, $1560; four, $1976; five, $2470.

Frank S. Howell—One, $603.20 per mo.; tow, $1206.40 per mo.; three, $1,809.60 per mo.; four, $2412.80 per mo.; five, $3016 per mo.

W. S. Riley — Two, $1248 per mo.; three, $1872 per mo.; five, $3120 per mo.

BEVERLY HILLS, Cal.—Until 8 P. M., Mar. 31, bids will be rec by city trustees for one 12-ton roller and one 5-point V scarifier. John G. Soulay, City Clerk.

LOS ANGELES, Cal.—H. Franklin Schafer awarded cont. by Bd. Pub. Wks. at $494 ea. per month for fur. five dump trucks, on a rental basis. The bids specified $22 ea. additional 8-hr. shift over 26 shifts per month.

LOS ANGELES, Cal.—Harron, Rickard & McCone, 225 S. San Pedro St., awarded contr. by Bd. Pub. Wks. at $3235, for one gas engine driven air compressor unit of 250 cu. ft. capacity.

RAILROADS

WESCO, Nevada — Western Pacific R.R. will employ approx. 1000 men to improve tracks bet. Wesco and Alason, Nevada. The work is in anticipation of the arrangement effective Aug. 1 when the W. P. and S. P. will operate lines between points named as one double track system. Distance is 178-mi. by W. P. and 183-mi. by S. P. Entire W. P. track will be reballasted and new tie plates installed throughout. Automatic block signals will be installed, and four steel bridges will replace wood structures spanning the Humboldt river.

NEW YORK, N. Y.—Until April 4, 12 M., bids will be rec. by F. W. Mahl, Director of Purchases, Southern Pacific Co., 165 Broadway, New York, for electric motor and control equipment and lighting equipment for six 58-ft. steel electric motor coaches. Material to be delivered as promptly as possible, the bidder to show f. o. b. point. Terms of payment will be net cash 30 days from date of invoice and shipment of material. Spec. obtainable from above.

MERCED, Merced Co., Cal.—See "Irrigation Projects," this issue. Merced Irrigation District. Estimates of cost to complete project.

FIRE EQUIPMENT

MONTEREY PARK, Cal.—Until 8 P. M., Mar. 24, bids will be rec. by city clerk for one motor propelled auto chassis and fire truck with hose body, and two 35-gal. steel chemical tanks and equipment Bids are asked on all items or any part of above equipment. Cert. chk., 10%. Arthur W. Langley, city clk.

SAN JOSE, Santa Clara Co., Cal.—March 25 is date set in College Park Fire District to vote bonds or $22,500 to finance purchase of fire fighting equipment Commissioners of the district are: Victor A. Benson, S. H. Chase and Frank M. Santana.

MISCELLANEOUS SUPPLIES

LOS ANGELES, Cal.—Union Hdwe. & Metal Co., 411 E 1st St. awarded contr. by the public service comm. at $9285 per ton for furnishing 30 tons pig lead under spec. W-214.

LOS ANGELES, Cal.—Union Hdwe. & Metal Co., 411 E 1st St., submitted low bid to public service comm. at $9285 per cwt., for 30 tons pig lead. Other bids were: Harper & Reynolds, $9345; N. O. Nelson Mfg. Co., $9.38.

RESERVOIRS AND DAMS

CALIFORNIA—See "Irrigation Projects," this issue. Applications filed and permits granted by State Department of Public Works, Division of Water Rights, for permits to appropriate water.

OROVILLE, Butte Co., Cal. — See "Power Plants," this issue.

SANTA CRUZ, Santa Cruz Co., Cal.—Horace W. Smith, attorney for the U. S. Fidelity and Guaranty Co., has notified the city council it will take over the contract of the Egan Construction Co., 251 Kearny St., San Francisco, and complete the construction of the Bay Street Reservoir, a portion of the municipal water system. The contract was awarded to the Egan Co. last October on a bid of $147,075. The surety company will probably have Chas. Harlowe, Jr., 378 Belmont St., Oakland, complete the contract.

MERCED, Merced Co., Cal.—See "Irrigation Projects," this issue. Merced Irrigation District. Estimates of cost to complete project.

PIPE LINES, WELLS, ETC.

SAN JOSE, Santa Clara Co., Cal. — Pacific Gas and Electric Co., 445 Sutter St., San Francisco, has appropriated approx. $109,694 to finance construction of 49,400 ft. 8½-in. gas pipe line in state highway from Sunnyvale to San Jose. W. J. Agnew, assistant division engineer for company will be in charge of work.

ANDERSON, Shasta Co., Cal.—Until April 8, 11 a. m., bids will be rec. by L. R. Williams, secy., Anderson-Cottonwood Irrigation District to construct ditches, etc., furnish and laying concrete pipe, etc. J. H. Larkin, Supervising Engineer for district. **See call for bids under official proposal section in this issue.**

SANTA CRUZ, Santa Cruz Co., Cal.—Until March 27, 9 a. m., bids will be rec. by S. A. Evans, city clerk, to drill well at Branciforte grammar school; 16-in. circular well, drilled to depth of 150 ft. Spec. obtainable from office of clerk.

STOCKTON, San Joaquin Co., Cal.—Until April 8, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to bore deep water well at San Joaquin General Hospital and install deep well turbine pump for same, in addition to installing electric wiring for lights and power in the hospital. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from County Surveyor F. E. Quail on deposit of $10, returnable.

SEWAGE DISPOSAL PLANTS

SAN BERNARDINO, Cal. — Until 11 a. m., March 24, bids will be rec. by supervisors to install at county farm a sump pump with a capacity of from 75 to 150 gals. of water per min., complete, together with 3400 ft. 4-in. pipe for connection bet. sewer farm and septic tank. Spec. on file at office of Harry L. Allison, county clerk.

SANTA BARBARA, Cal. — Herbert Nunn, new city mgr., announces that a temporary chlorination plant will be erected at once. This is to comply with the state health dept's ruling. Later a permanent sewage disposal plant will be constructed. The dept has given the city until May 1 to have the temporary plant in operation.

PASADENA, Cal.—Heafy, Moore & McNair, 2030 High St., Oakland, awarded cont. at $118,720.05 to const. outfall sewer bet. Pasadena sewage disposal plant and Rio Hondo river. Complete list of tabulated bids follows: Heafey Moore & McNair, (a) plain reinf. conc pipe, $118,720.05; (b) waterproofed reinf. conc. pipe, $123,334.99; Stroud Bros. & Seabrook and M. Simmunovich (a) $134,276.70; (b) $138,960; C. R. Adams, (a) $144,124; (b) $149,384; C. E. Green, (a) $145,887.10; (b) $149,900; (c) segment block pipe, $230,141.20 Ira J. Lyons, (a) $152,119.20; (b) $159,227.80; (c) $247,851.20; Adam Dalmatin and Mike Guho, (a) $177,462; (b) $182,765; (c) $250,480.

CHICO, Butte Co., Cal.—State Board of Health orders city trustes to submit plans for an improved method of sewer disposal, together with an application to construct and operate such a system. The new works must be completed within a year, the application to be filed with the State Board of Health before Sept. 1, F. A. Lammilson is city engineer.

LA HABRA, Cal.—$75,000 bond issue for septic tank and accessories voted by La Habra Sanitary Dist.

TULARE, Tulare Co., Cal.—City Mgr. Geo. S. Lewis completing plans for proposed new sewer system and disposal plant for which a bond issue will be called, probably some time in April.

SANTA ROSA, Sonoma Co., Cal.—Until April 1, bids will be rec. by city council for purchase of $165,000 bond issue to finance construction of sewage disposal plant. Geo. Comstock city eng. Clyde F. Smith, 518 Santa Barbara Rd., Berkeley, consulting sanitary engineer on project.

MISCELLANEOUS CONSTRUCTION

SEATTLE, Wash.—City Eng. Blackwell has recommended rejection of bids of J. H. Tillman for $274,750 to construct tunnel beneath waterway in First Avenue South. New bids will probably be asked.

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WATER WORKS

CALIFORNIA—See "Irrigation Projects," this issue. Applications filed and permits granted by State Department of Public Works, Division of Water Rights, for permits to appropriate water.

LOS ANGELES, Cal.—Llewellyn Iron Works, Main and Redondo Sts., submitted low bid to public service comm. at $7.35 per ft. for riveted sheet steel pipe under spec. 710. Other bids were: L. A. Mfg. Co., $7.38; Lacy Mfg. Co., $7.42; Baker Iron Works, $7.43; Western Pipe & Steel Co., $7.53.

SAN BERNARDINO, Cal.—Bond issue for $275,000 for water development in Devil Canyon will be submitted to voters shortly.

TRACY, San Joaquin Co., Cal.—Until April 3, 8 P. M., bids will be rec. by Geo. L. Frerichs, City Clerk, for pumping unit, stand-by engine, necessary pipe and fittings and building to house pumping plant. **See call for bids under official proposal section in this issue.**

VALLEJO, Solano Co., Cal.—American Cast Iron Pipe Co., Balboa Bldg., San Francisco, at $1,799.73, ($61.38 per ton for pipe and $115 for castings), awarded cont. by council to fur. 840 lin. ft. 10-in. Class B and spigot c. i. pipe with necessary fittings. Other bids: National Cast Iron Pipe Co., $62.75 ton for pipe and $113 75 for castings; U. S. Cast Iron Pipe & Foundry Co., $62.52 ton for pipe and $120 for castings.

LOS ANGELES, Cal.—Until 3 P. M., Mar. 25, bids will be rec. by public service comm., 207 S. Broadway, for gate valves under spec. 711. Jas. P. Vroman, secretary.

STOCKTON, San Joaquin Co., Cal.—See "Pipe Lines, Wells, Etc." this issue. Bids wanted to drill well, install pump and electric work at San Joaquin County General Hospital.

SOUTH PASADENA, Cal.—Election will be held April 14 to vote $85,000 waterworks bond issue. The proceeds will be used for extensions to the mains.

CULVER CITY, Cal.—Election will be held April 14 to vote $300,000 bond issue for water works improvements. Olmsted & Gillelen, 1112 Hollingsworth Bldg., Los Angeles, consulting engineers.

SANTA MONICA, Cal—Claude Fisher 610 Wright & Callender Bldg., Los Angeles, was low bidder at $655,495.48 on cast iron class A pipe to const. the new water works system. His bid also offered a further reduction of $8263.78 if wood stave pipe was used. The contract was not awarded to Fisher, according to H. E. Elrod of the Elrod Engineering Co., Santa Monica, consulting engineers because the council desires to investigate the advisability of using still another kind of pipe which can be obtained at a lower figure. Three bids did not conform to city spec. and checks of five bidders were returned.

LOS ANGELES, Cal.—Keystone Iron Works, 2931 Santa Fe Ave., submitted lowest bid on regular spec. at $10,110 for fur. 300 2½-in. single nozzle fire hydrants under spec. 709. Other bids were: United Casting Co., $10,200; on alt. spec., $10,500; Madison Iron Wks., $12,420; L. A. Valve & Fittings Co., $11,250; Crane Co., $41.50 ea; alt., $33.50 ea. Alternates submitted by Keystone were: Alt. No. 1, $33.70 and alt. No. 2, $33.70.

GLENDALE, Cal.—Bids rec. by council for class B water pipe, including 18,000 ft. 4-in., 18,000 ft. 6-in., 12,0000 ft. 8-in., 7000 ft. 12in., and 60 tons class D fittings, delivered f. o. b. Glendale, were as follows:

Thomas Haverty Co.—$57.86 ton 4-in. $56.82 ton 6-in.; $55.56 ton 8-in.; $55.56 ton 12-in.

National Cast Iron Pipe Co.—(12 ft. lengths) $66.26 ton 4-in; $62.26 ton 6-in; $61.26 ton 8-in.; $61.26 ton 12-in; (16 ft. lengths) $67.26 ton 4-in.; $63.26 ton 6-in.; $62.26 ton 8-in; 4-in. fittings $124.26 ton; 6-in. and 12-in. fittings, $114.26 ton.

U. S. Cast Iron Pipe & Fdy. Co.—73.24c ft. 4-in.; $1.0573 ft. 6-in.; $1.5081 ft. 8-in.; $2.6067 ft. 12-in.; (5 metre lengths), no bid on 4-in.; $1.0573 6-in.; $1.5081 8-in; $2.6067 12-in.; 4-in. fittings, $124.50 per ton; 6-in. fittings, $114.50 per ton.

American Cast Iron Pipe Co.—Class D fitt nzes only, 5c per lb.

Grinnell Co. of the Pacific—(Belgian pipe), $51 per ton 4-in; $57 per ton 6-in; $57 per ton 8-in; $57 per ton 12-in. fittings all sizes $105 per ton.

Pac. Pipe & Supply Co.—(American waterworks spec.—Belgian pipe — 4 metre lengths)—54c ft. 4-in.; 99.2c ft. 6-in.; $1.322 ft. 8-in.; $2.294 ft. 12-in.; (class B British spec. lighter type); 52.07c 4-in.; 85.68c ft. 6-in; $1.2404 ft. 8-in.; $2.1448 ft. 12-in.; (European standard), 50.42c ft. 4-in.; 81.40c ft. 6-in.; $1.1784 ft. 8-in.; $2.0376 ft. 12-in.; all fittings, $105 per ton.

OROVILLE, Butte Co., Cal. — Until April 2, 8 p. m., bids will be rec. by R. A. Leonard, secy., Thermalito Irrigation District to fur. 1500 lin. ft. 22-in. riveted slip joint pipe and 2200 lin. ft. 20-in. o. d. casing with all fittings. Further information obtainable from secretary.

ORANGE, Cal—The new 1,000,000 gal reservoir, to be constructed under new waterworks expansion program of city of Orange, bids for const. of which will be rec. March 25, will be 100 ft. in dia .and 17 ft. high. It will be of reinf. conc. construction above ground, of circular design, with wooden roof. J. B. Lippincott & Co., Central Bldg., Los Angeles, consulting engineers.

ANTIOCH, Contra Costa Co., Cal. — Until March 28, 8 p. m., bids will be rec. by J. E. McElheny, city clerk, to const. steel settling tank at municipal water works; to be 48-ft. dia. 17-ft. high. **See call for bids under official proposal section in this issue.**

REEDLEY, Fresno Co., Cal. — City trustees reject bids to install deep well pump at City Hall, to del. from 500 to 600 gals. per min.| and Albert Shaw, city water supt., instructed to purchase materials in open market.

BEVERLY HILLS, Cal.—Until 8 p. m., Mar. 31, bids will be rec. by city trustees to dig and backfill trench, lay 12-in. stand. screw pipe. Salisbury, Bradshaw & Taylor, 518 Mortgage Guarantee Bldg., Los Angeles, engrs. John G. Soulay, city clerk.

PASADENA, Cal. — Byron Jackson Pump Mfg. Co., Los Angeles, submitted low bid to city directors at $6322 for two deep well turbine pumps. Other bids were. Layne & Bowler Corp., $6326 Johnston Pump Co., $6612.

OROVILLE, Butte Co., Cal.—Until April 5, 11 a. m., bids will be rec. by W. J. Monro, secy. Oroville-Wyandotte Irrigation District, to fur. 4000 lin. ft. riveted slip joint pipe and fittings. Spec. and further information obtainable from secretary.

LOS ANGELES, Cal.—South Los Angeles Land and Water Co. applies to State R.R. Commission for authority to issue bonds of $150,000 to finance improvements and extensions. Company operates in cities of Vernon, Huntington Park and surrounding territory.

SAN DIEGO, Cal—Bids are being rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 4933, to erect barracks, storehouse, seven quarters, concrete roads and walks, railroad siding and sewer, water, steam, gas, electric power and light and telephone connections at Naval Operating Base, Marine Corps, San Diego. Date for opening bids has not been set as yet. **See call for bids under official proposal section in this issue.**

SANTA MONICA, Cal.—It is reported that city council has delayed action on the waterworks award, on account of low figure which J. D. Kneen submitted on foreign pipe. He states that saving of $59,000 can be made by purchase of Pont-a-Mousson pipe as offered in his bid, which amounts to $434,873.35. This pipe was not specified in the city advertising nor is it named in the American Waterworks Assn. specifications, but Mayor Steele desired to consider the bid on the basis of the money to be saved.

PLAYGROUNDS AND PARKS

FRESNO, Fresno Co., Cal. — R. L. Quigley, city playground Supt., advovates construction of municipal swimming pools, extension of playground system, establishment of municipal mountain camp and construction of a high school athletic field for public baseball enterprises.

HANFORD, Kings Co., Cal. — City trustees votes to purchase ten lots in E-6th St., bet. White and East Sts., for permanent auto park. Trees and shrubbery will be planted. D. C. Williams is city clerk.

SAN FRANCISCO — Following bids rec. by Bd. Pub Wks to fur. centrifugal pumps for Hetch Hetchy project:

De Lavaal Turbine Co.	5125
Abeel Co.	6910
Byron Jackson Co.	6995
L. J. Youdall	7044
J. E. Knapp	7390
Pelton Water Wheel Co.	9540
Hunt-Mirk Co.	9928
United Iron Works	10,920
Worthington Co.	11,500

SANTA ROSA, Sonoma Co., Cal. — Bids will be asked at once to construct swimming tank at Fremont school; will be 50 by 100 ft., 2½-ft. to 8-ft. in depth. Pumping and filtering plant will be installed to change water every 8 hours. Plans obtainable from Frank G. Comstock, city engineer.

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POSITION WANTED

MAN 38, competent in waterworks and reservoir construction, desires employment with firm in that line of work. References. Address J. H., care Building & Engineering News.

SACRAMENTO, Cal—Standard Fence Co., 432 Bryant St., San Francisco, at $1530 awarded contract by Board of Education to fence new high school grounds.

RED BLUFF, Tehama Co., Cal. — City Eng. W. F. Luning estimates cost of municipal swimming pool at $15,-000, itemized as follows: pool complete with floors and walks, $6145; building material and labor, $3590; painting $500; plumbing, including fixtures, $1,-685; lighting $250, the balance being for plans, specifications, etc.

STOCKTON, San Joaquin Co., Cal.—Managers Grant Meyer of the Doan Indians and Wm. Nave of the Nave Butchers, seek 3-year lease from Santa Fe R.R Company on property known as the Santa Fe Diamond. It is proposed to enclose the grounds with fencing, grade portions of the field and erect grand stands.

OGDEN, Utah—Until April 22, 2 p. m., bids will be rec. by Purchasing Agent, U. S. Forest Service, Ogden, to furnish barbed wire and fence staples. Blanks for bidding and further information obtained from above.

MOUNTAIN VIEW, Santa Clara Co., Cal.—West Coast Nursery Co., awarded contract by town trustees to furnish materials and lay out civic center park.

SEWERS & STREET WORK

NAPA, Napa Co., Cal.—Council, H. H. Thompson, clerk, declares intent to const. 6-in. vit. ironstone sewer with 2 wye branches in Georgia St., bet. G St. and pt. 115 ft. therefrom; 1 flushhole with c.i. frame and cover. 1911 Act. Protests March 31. H. A. Harrold, city engineer.

VALLEJO, Solano Co., Cal. — City Eng. T. D. Kilkenny completing spec. for sewer in Arkansas St. City council contemplates improvement of streets adjacent the city park.

STOCKTON, San Joaquin Co., Cal. — City council, A. L. Banks, clerk, declares inten. (Res. No. 738) to imp. portions of Walnut St., Harding Way, Willow and Lucerne Aves., College Dr., Oxford Ave., etc., involv. grading; construct comb. conc. curb and gutter; conc. walks; pave with 4-in. crushed rock base with 2-in. asph. macadam wearing surface. 1911 Act & Bond Act 1915. Protests March 31. W. B. Hogan, city engineer.

OAKLAND, Cal. — W. J. Tobin, 527 Santa Ray Ave., Oakland, awarded contract by council to sewer in portions of Foothill Blvd. (Toler Heights tract), involv. 8-in. pipe sewer, $1 lin. ft.; manholes, $65 each; 12-in. lampholes, $17 each; 8-in. lampholes, $10 each; drop connections, $2.50 each; wye branches, $60 each.

STOCKTON, San Joaquin Co., Cal.—Council, A. L. Banks, clerk, declares inten. (Res. 737) to imp. portions of Wilson Way, Washington and Lafayette Sts., involv. grading; const. comb. conc. curbs and gutters; conc. walks; 4-in. cement gravel base pavement with 2-in. asph. macadam surface; 4-in. sanitary branch house sewers. 1911 Act & Bond Act 1915. Protests April 7. W. B. Hogan, city engineer.

SAN DIEGO, Cal.—City Mgr. F. A. Rhodes completes spec. to imp. 65th St., bet. Atkins and Brooklyn Aves., Encanto; to be paved and bridge raised to grade, involv 192 cu. yds. excav; 1179 cu. yds. embank.; 13,189 sq. ft. pavement.

OAKLAND, Cal.—Bates and Borland, Bank of Savings Bldg., Oakland, awarded cont. by council to imp. portions of Monticello Ave., involv. grading, $.075 sq. ft.; conc. curb, $.69 lin. ft; conc. gutter, $.24 sq. ft.; oil macadam pave, $.13 sq. ft.; 6-in. pipe sewer, $1.75 lin. ft.; manholes, $65 each; lampholes, $25 each; drop connections, $5 each; wye branch, $1 each.

COLUSA, Colusa Co., Cal. — County supervisors propose to cooperate with U. S. Forest Service and share part cost in the construction of the Little Stony Creek road project to Colusa Park on Goat Mountain; est. cost $19,-500.

OAKLAND, Cal. — Council, E. K. Sturgis, Clerk, declares inten. to imp 68th Ave., bet. Outlook Ave. and Trenor St., involv. grade; pave.; const. curbs and gutters; one inlet. 1911 Act. Protests April 3. W. W. Harmon, City Eng.

SANTA BARBARA, Cal.—Until 7:30 p. m., March 20, bids will be rec. by council to imp. Pedregosa St., between Grand Ave. and Alameda Padre Serra; grade; 4-in. conc. pavement; const. curb, rubble walls, conc. driveways, steps, 12-in. conc. storm sewer, 6-in. vit. pipe san. sewer, 4-in. vit. hse. connections, etc.; 1911 act. S. B. Taggart, city clerk.

GLENDALE, Cal. — Until 10 a. m., March 20, bids will be rec. by council to imp. Thompson Ave. and Fourth St., involv. 20,000 sq. ft. macad. pavement; 2000 sq. ft. gutter; 1915 bond imp. act. Spec. obtainable from city engr., Ben F. Dupuy. A. J. Van Wie, city clerk.

SAN RAFAEL, Marin Co., Cal.—City council, Eugene W. Smith, clerk, declares inten. to imp. Maple St., bet. Lincoln and McCrea Aves., involv. pave with 4-in. asph. conc.; const. conc. curbs and gutters; 2 conc. and corru. iron and conc. culverts; 2 catchbasins; 6-in. ironstone main sewer with 19 4-in. ironstone pipe house sewers; 1 br. manhole. 1911 Act & Bond Act 1915. Protests April 7.

MERCED, Merced Co., Cal. — City trustees, W. W. Cornell, clerk, declare inten. to imp. 26th and 27th Sts., bet. G and J Sts., involv. grading and pave with 2½-in. asph. conc. Willite base with 1½-in. asph. conc. Willite surface with seal coat; const. hyd. conc. curb and gutter and open conc. cross gutters. 1911 Act and Bond Act 1915. Protests March 31.

TORRANCE, Cal. — H. G. Feraud, 1214 Detwiler Bldg., Los Angeles, submitted low bid to city trustees at $69,-384 to pave Western Ave. to the n. city limits, involv. 159,400 sq. ft. grading 3.5c ft; 159,400 sq. ft. 6-in. asph. paving, 29.9c sq. ft; 2900 ft. combination curb and gutter $1645 ft.

COMPTON, Cal.—Geo. H. Oswald, 366 E. 58th St., Los Angeles, awarded contr. by city trustees at approx $133,-745 to pave Terebinth, School, Magnolia and about 12 other streets, involv. 730,-800 sq. ft. grading, 1c ft.; 730,800 sq. ft. 5-in. conc. paving, 17c ft.; 288 ft. curb, 50c ft.; 6 culverts, $200.

SAN FRANCISCO—Fay Imp. Co., Phelan Bldg., at $12,671.51 awarded cont. by Bd. Pub. Wks. to imp. Campbell Ave., bet. Delta and Rutland Sts., involv. 132 cu. yds cut, $1.32; 860 cu. yds. fill, $.22; 1340 lin. ft. conc. curb, $.98; 720 sq. ft. art. stone walks, $.194; 7 br. catchbasins, $138; 26,812 sq. ft. asph. conc pave., $.273; 125 lin. ft. 10-in. culverts, $2.15.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Until April 7, 7:30 p. m., bids will be rec. by Daniel McSweeney, clerk, to imp. portions of alley between Grand and Miller Ave; alley bet. Grand and Baden Ave; alley bet. Baden and Commercial Ave; alley bet. Commercial and Railroad Ave; alley bet. California and Lux Ave. and portion of alley bet. Lux and Miller Ave., involv. grade; pave with 5-in. cem. conc. and portions to be paved with 4-in. cem. conc. base with 1½-in. asph. conc. surface; cem. conc. walks; comb. cem. conc. curbs and gutters; br. catchbasins, etc., 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Geo. A. Kneese, courthouse, Redwood City, engineer.

OAKLAND, Cal. — W. J. Tobin, 527 Santa Ray Ave., Oakland awarded contract by council to const. sewers in portions of Toler Heights tract, involv. 8-in. pipe sewer, $.80 lin. ft; manholes, $65 each; lampholes, $10 each; wye branches, $60 each.

SAN FRANCISCO—M. J. Treacy, Call Bldg., at $2495.50 awarded cont. by State Board of Harbor Commission to pave deck of wharf J-1, involv. 17,500 sq. ft. 4-in. conc. pave, $.125 sq. ft; 280 lin. ft. wall, $.85 lin. ft.

BAKERSFIELD, Kern Co., Cal — Until March 31, 10 A. M., bids will be rec. by F. E. Smith, County Clerk, to const. county rd. No 619. Cert. check 10% payable to county req. Spec. on file in office of clerk.

SAN JOSE, Santa Clara Co., Cal. — Raymond H. Crummey, 121 Pearl St., Oakland, awarded cont. by council to imp. 31st St., bet. Santa Clara and Mt. Hamilton View Dr., involv. grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bit. conc. base; hyd. cem. conc. curbs, gutters and walks; 4-in. hyd. cem. conc. house lateral drains.

SAN FRANCISCO — Following bids rec. by State Board of Harbor Commissioners to pave deck of Wharf J-I at Jefferson and Taylor sts., involving (a) 17,500 sq. ft. 4-in. conc. pave and (b) 280 lin. ft. wall.

M. J. Treacy, (a) $.125; (b) $.85.
F. D. Moller, (a) $.165; (b) $.50.
G. A. Love & Sons (a) $.185; (b) $1.50
Grant & Hart, (a) $.244; (b) $.145.

SANTA CLARA COUNTY, Cal.—Following bids rec. March 17 by State Highway Commission, Forum Bldg., Sacramento, to pave 3.7-mi. in Santa Clara county, bet. Milpitas and Coyote Creek with asph. conc. and widen with waterbound macadam shoulders, involv (1) 8000 cu. yds. embankment without classification widening roadway; (2) 10,080 tons asphaltic mixture (surface) produced by using plant furnished by contractor; (3) 400 tons asphaltic mixture (repairs to existing base) produced by using plant furnished by contractor; (4) 4100 tons broken stone in shoulders; (5) 200 cu. yds. removal of concrete in existing pavement; Alternative items: (6) 10,080 tons asphaltis mixture (surface) produced by using State plant at San Jose; (7) 400 tons native items (6) 10,080 tons asphaltic base) produced by using State plant at San Jose. Alternative Items 6 and 7 are to be considered as alternative for Items 2 and 3. R. M.

Using own plant	
Federal Construction Co., Call Bldg., S. F.	$ .....
Using state plant $86,768	
Valley Paving Const., Visalia	97,248
Using state plant $94,104	
Granite Const. Co., Watsonville	.....
Using state plant $104,994	
San Jose Paving Co., S. F.	106,580
General Const. Co., S. F.	.....
Using state plant $108,187	
J. H. Quinby, San Jose	110,872
Using state plant $108,252	
J. A. Costello, S. F.	111,280
Using state plant $110,272	
Pacific States Const. Co., S. F...	113,600
Using state plant $107,312	
R. H. Crummey, San Jose	114,860
Using state plant $89,680.	
Engineers estimate	97,540

SAN RAFAEL, Marin Co., Cal.—County supervisors signify intention of appropriating $25,000 to finance imp. of Manzanito-Stinson Beach road.

MERCED, Merced Co., Cal.—City trustees, W. W. Cornell, Clerk, declare inten. to imp. M St., bet. 27th St. and Bear Creek bridge at 28th and M Sts., involv. grading and paving with 2½-in. asph. conc. Willite base with 1½-in. asph. conc. Willite surface; const. comb. conc. curbs and gutters. 1911 Act. Protests March 31.

SAN DIEGO, Cal. — David H. Ryan, 1615 Fern St., submits low bid to council at $45,159 to imp. A, Ash, Beech, Cedar and 7th Sts., involv. 176,271.7 sq. ft, paving with 1"-in. asph. conc. on 2½ bitum. base 16c ft; 88,382 sq. ft. 4-in. cem. conc. 16.5c ft; 1300 sq. ft. 1½-in. asph. conc. surfacing gutters 5c ft; 4100.6 sq. ft. conc. walk 22c ft; 1622.03 ft. curb 65c ft.; 2 4-in. cem. sewer laterals $33.50 each; 2 6-in. laterals $38.50 each; miscellaneous $273.50.

SUNSUN, Solano Co., Cal.—March 25 is date set to vote bonds of $35,000 to imp. Main street.

OREGON STATE—Until March 27, 2 p. m., bids will be rec. by State Highway Commission, 520 Multnomah County Courthouse, Portland, Ore., for following state highway units:

Baker County—Mill Gulch Sec. Baker-Unity Highway, 6 mi. involv. 165,000 cu. yds. excavation.

Curry County—Myers Creek Sec. of Roosevelt Coast Highway, 2.33 mi., involving 63,500 cu. yds. excavation and or 4600 cu. yds. of surfacing materials.

Curry County—California-Winchuck Sec. Roosevelt Coast Highway, 0.63 mi. involv. 12,000 cu. yds. excavation and 1600 cu. yds. surfacing materials.

Jackson County —Medford-Jacksonville Sec. Medford-Ruch Market Road. 1.5 mi. paving.

Jackson County—Summit-Ruch Sec. Medford-Ruch Market Road, 4 mi. paving.

Umatilla County—Stanfield Sec. Columbia River Highway near Stanfield. 0.9 mi., involv. 12,000 cu. yds. excavation.

Union County—Approaches to Perry and Oro Dell Overhead Crossings on the Old Oregon Trail near La Grande. 1.34 mi. involv. 25,000 cu. yds. excavation and 5000 cu. yds. surfacing and maintenance materials.

Plans obtainable from Highway Commission at Salem on deposit of $5 and on file in office of A.A.E., 612 Couch Bldg., Portland. Roy A. Klein, state highway eng.

SALEM, Ore. — J. C. Compton, McMinnville, Ore., at $231,622 (concrete pavement) awarded cont. by State Highway Commission for Albany-Corvallis highway, 9.5-mi. in length, bids being taken for (a) concrete and (b) bituminous pavement. Complete list of bids follow:

	(a)
Force & Currigan, Portland	$ .....
(b) $210,005.	
J. C. Compton, McMinnville....	231,622
(b) $219,191.	
Oregon Contr. Co., Portland...	243,860
United Cont. Co., Portland.....	268,632
(b) $245,402.	
McHugh Const. Co., Seattle....	247,292
A. D. Kern, Portland	252,274
(b) $247,485.	
Simonsen & Hefty, Portland ..	253,512
Guy F. Pyle, Eugene.....	257,360
F. McLellan, Seattle.....	258,170
W. D. Andrews Const. Company Portland	261,002
Joplin & Eldon, Portland.....	281,144
(b) $270,220.	
John Slotte & Co., Astoria....	291,140
Cummins & La Pointe, McMinnville	294,104

FULLERTON, Cal.—City Engr. W. C. Record reports bids will be asked shortly to pave Santa Fe Ave. and other streets, involv. approx. 800,000 sq. ft. 1½-in. Warrenite paving on 3½-in. black base, and other incidental items.

COMPTON, Cal.—Approx. 5 mi. of streets in southeast part of city are to be paved this year. C. A. Parrish is street supt.

MODESTO, Stanislaus Co., Cal.—As previously reported, contract to pave with concrete 3.25-mi of Newman-Hills Ferry highway, awarded to Merced Concrete Pipe Co., Merced, at $60,782. Following is complete list of bids:

Concrete Pavement

Merced Conc. Pipe Co.....	$60,782
W. A. Dontanville	60,820
Frederickson & Shannon.....	63,996
N. M. Ball	65,445
Healy-Moore-McNair	69,189
General Construction Co.....	70,074
Teichert & Son	74,255
Isbell Const. Co.....	75,031

Warrenite-Bit. Pavement

Teichert & Son	$66,866
Valley Paving & Const. Co.....	68,208

Asphalt Concrete

Teichert & Son	$63,035
Valley Pav. & Const. Co.....	65,103
J. E. Johnston	65,498

PASADENA, Cal. — County Flood Control Engineer J. W. Reagan has formulated plans for dam to be erected in Arroyo on site of old sheep corral, to impound flood waters of Arroyo at point where Linda Vista bridge now crosses canyon. The dam would be 130 to 140 ft. high and be practically a replica of the Devils Gate dam, with a roadway across it. Est. cost $1,250,000 Brookside Park and the new stadium would have to be eliminated.

LONG BEACH, Cal.—Until 9:30 a. m., March 25th, bids will be rec. by council to imp. Nylic Ct., bet. 11th St. and Loma Vista Dr., grade; pave with 4-in. conc.; 1911 act. R. D. Van Alstine, city engineer.

OAKLAND, Cal.—Until March 27, 12 M. bids will be rec. by E. K. Sturgis, city clerk, to imp. under 1911 Act:

Portions of Best Ave., involv. grading and paving; const. curbs and gutters.

Portions of Keith Ave., const. sewers with lampholes, wye branches, drop connections.

Portions of 5th St., involv. grading and paving; const. curbs and gutters; catchbasins; conduits, manholes and storm water inlets; sewers; reset granite curbs.

Cert. check 10% payable to city req. W. W. Harmon, city eng.

LOS ANGELES, Cal.—Geo. R. Curtis, 2440 E 26th St., submitted low bid to Bd. Pub. Wks. to imp. 20th St., bet. Oak and Toberman Sts., involv. grading at $1000 (lump sum); 20,463 sq. ft. asph. paving at 25c ft., 1420 sq. ft. bitum. base paving at 12c ft., 55 ft. curb at 70c ft., 3147 ft. walk at 22c ft., 1313 sq. ft. gutter at 27c ft., 30 ft. hse. sewers at $1.50 ft.

RICHMOND, Contra Costa Co., Cal.—Council approves spec. to pave with Richmond standard macadam, Orchard Ave. from San Pablo Ave., west to its termination. H. D. Chapman, city eng.

SAN ANSELMO, Marin Co., Cal. — Sanitary District No. 1 of Marin County W. A. Bliss, secy., declares inten. to const. vit. pipe sanitary sewers in various parts of district, includ. const. of brick and conc. manholes with c. i. frames and covers. 1911 Act. Protests April 2.

BAKERSFIELD, Kern Co., Cal. — Bonds of California Const. Co., 58 2nd St., San Francisco, for Bakersfield-Maricopa-Taft highway improvements, 38-mi. in all, have been approved by county supervisors. Contract was awarded on a bid of $831,026. Protests were recently filed by interested property owners against the award of contract due to alleged irregularities in the proceedings. The protests have been withdrawn.

LOS ANGELES, Cal.—G. A. Constantine, 911 Haas Bldg., submitted low bid to Bd. Pub. Wks. to improve Wevcrly Ave., bet. Auburn St. and Hyperion Ave., involv. grading at $7460, 52,816 sq. ft. conc. paving at 23.5c ft., 1666 ft. curb at 58c ft., 7879 sq. ft. walk at 21c ft., san sewer at $6500.

Gibbons & Reed Co., 905 S Olive St., low bidder to imp. Oxnard St., bet. Woodman Ave. and Sherman Way, involving grading at $1975 (lump sum); 108,902 sq. ft. conc. paving at 22.75c ft. 196 ft. curb at 55c ft.

Geo. R. Curtis, 2440 E 26th St., low bidder to imp. Hoover St., bet. Fountain Ave. and Santa Monica Blvd., involv. grading at $2350 (lump sum), 50,285 sq. ft. warrenite-bitul. paving at 29c ft., 847 ft. curb at 70c ft., 4332 sq. ft. walk at 24c ft., 2309 sq. ft. gutter at 32c ft., 210 ft. hse. sewers at $1.95 ft.

RENO, Nevada—Manuel Smith, 1083 85th Ave., Oakland, at $18,196.60, concrete pipe, awarded cont by council to const. sewer system involv. 100-ft. 6-in. 9608 lin. ft. 8-in., 988 lin. ft. 10-in., and 2220 lin. ft. 12-in. sewer; one pumping plant. Other bids were. Burrows and Smith, concrete, $21,943.68, terra cotta, $22,330.76; Chambers and De Golyer, terra cotta, $19,927.96, King & Malone, concrete, $22,029; Frederickson & Shannon, Sacramento, $19,582, concrete or terra cotta; Smith bid $18,713 for terra cotta pipe.

LOS ANGELES, Cal. — Butterfield-Sears Co., 410 Sixth St., San Pedro, submitted low bid to supervisors to imp. streets in Tract 4224 (west of Fort MacArthur), a total of 24,978 lin. ft. under City Imp. No. 99, involving 69,422 cu. yds. excav. at 50c yd; 25,791 ft. curb at 60c ft.; 104 066 sq. ft. walk at 20c ft; 452,000 sq. ft. oil and screenings wearing surface at 5c ft.

H. D. Churchill & Co., Inc. bid 66c excav; 60c curb; 22c walk; 5c surfacing; engr's est., $95,912.55.

LODI, San Joaquin Co., Cal.—Supervisors of Sacramento and San Joaquin counties plan construction of new road from Terminous to Rio Vista, across Bouldin, Andrus, Tyler and Brennan Islands. A ferry costing $2000 would operate bet. Terminous and Bouldin Island. Sacramento supervisors will finance landing at Andrus and the San Joaquin county supervisors a landing at Boudin Island.

SALINAS, Monterey Co., Cal.—Council, M. R. Keef, clerk, petitioned to pave West St., from Central Ave. north to San Jon slough. Waterbound macadam base with Warrenite surface, total thickness, 7½-in. is asked in addition to conc. curbs and gutters. Taken under advisement until council determines if funds are available for sewer pipe and connections. Howard Cozzens, city eng.

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, clerk, declares inten. to imp. under 1911 Act & Bond Act 1915:

Goodyear St., bet. Orchard and First Sts., involv. grading and paving with 1-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curb, gutter and walks; 1br. catchbasin; 2 cem. conc. inlets; 8-in. vit. pipe drains.

5th St., bet. Empire and Jackson Sts. involv. grading and paving with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curbs, gutters and walks.

Protests April 7. Wm. Popp, city eng.

COLFAX, Placer Co., Cal.—Frederickson & Shannon, Cory Bldg., Fresno, at approx. $19,795 awarded cont. by town trustees to pave with 5-in. conc. 20-ft. wide strip through town. Involves approx. 86,500 sq. ft. pavement.

COLUSA, Colusa Co., Cal.—Bids will be asked at once by supervisors for 4½-mi. of asphalt macadam pavement on Maxwell to Mills Orchard unit of Maxwell-Sites road. Plans will be on file in office of Larsen Construction Reports within next few days. J. M. Felknor is county engineer.

LOS ANGELES, Cal—Southwest Paving Co., 806 Washington Bldg., submitted only bid to supervisors at 22c sq. ft. for 112,780 sq. ft. 6-in. asph. conc., for widening the Palmdale-Valyermo Rd., 1 ft. on each side, a distance of 10.7 mi.

SANTA ROSA, Sonoma Co., Cal. — Supervisors, W. W. Felt, Jr., clerk, declare inten. to imp. portions of roads in Rd. Dist. Imp. No. 1, involv. grading and paving with 2-course asph. conc. 18-ft. wide with earth shoulders and ditches; corru. pipe culverts; headwalls, etc. Work under Rd. Dist. Imp. Act. 1907. County will pay $58,000 of total cost. Protests April 15. R. Press Smith, eng. for imp.

MARTINEZ, Contra Costa Co., Cal.—Residents in Alhambra Heights petition Superior Court to order paved several sts. within tract and outside incorporated limits of Martinez. Due to error in petition and omission of one street in the tract, action was not taken by city trustees until petition could be corrected. Work is to be done under Imp. Act 1907. Petition requests appointment of Ross L. Calfee, 221 So. 22nd St., Richmond, as engineer for work.

SAN FRANCISCO—Raisch Imp. Co., 46 Kearny St., at $117,000 (approx.) submitted low bid to Bd. Pub. Works to imp. 48th Ave., bet. Lawton and Sanitago Sts., and at approx. $9600 to imp. 48th Ave., bet. Santiago and Taraval Sts.

ANAHEIM, Cal.—Until 8 p. m., Mar. 27, bids will be rec. by city trustees for sewer work involv. 826 ft. 8-in. vit. pipe; 13,929 ft. 6-in. vit. pipe with Y's (as required); 18 manholes; 15 flush tanks; 1 flush tank to be changed to manhole. Cert. check or bond 10%. O. E. Steward, city manager.

YREKA, Siskiyou Co., Cal.—Eng. Arthur O'Connor has submitted plans to city trustees to sewer s. e. section of city; est. cost, $7,500. No action was taken.

OLYMPIA, Wash. — Following contracts awarded by Washington State Highway Commission:

F. McClellan, Seattle, $181,940 pave with conc. 6 mi. of state road No. 9 (Olympic highway) from Perry Creek west in Thurston county, Federal Aid project No. 141-B.

T. M. Morgan, Everett, Wash., $172,-750 pave with conc. 4.64-mi. of state road No. 9 (Olympic highway) from Grays Harbor-Thurston county line east in Thurston county, Federal aid project No. 141-B.

Campbell Const. Co., Sunnyside, Wn., $41,234 clear, grade and drain approx. 7.37 mi. of state road No. 3 (Inland Empire highway) bet. Waitsburg and Dayton in Columbia and Walla Walla counties.

Fred G. Redmond, Yakima, Wn., at $18,723, surface with crushed rock about 7.1 mi. of state road No. 3 (Inland Empire highway) bet. Indio and Pomona in Kittitas county.

J. Rignoll, Rignoll, Wash., $28,679, clear approx. 6.62 mi. of state road No. 9 (Olympic highway) from Queets river southeast in Grays Harbor and Jefferson counties, Federal aid project No. 113, Section C.

SAN RAFAEL, Marin Co., Cal.—Supervisors will be petitioned to take over and improve 10½-mi. of road bet. McClure ranch and the lighthouse.

OAKLAND, Cal—Council, E. K. Sturgis, clerk, declares inten. to imp. West St., bet. 7th and 14th Sts., involving grading and paving; const. curbs and gutters; conduit with catchbasins and manholes. 1911 Act. Protests April 3. W. W. Harmon, city eng.

BAKERSFIELD, Kern Co., Cal.—Stroud Bros., Bakersfield, at $3475 for concrete pipe, awarded cont. by supervisors to connect Bakersfield city sewer line with county hospital. Other bids were: J. F. Shepardson, $4448 for vit. pipe; Dean & Stroble, $4609 for vit. pipe and $3977 for conc.; C. A. Burns, $4,000 for vit pipe. The Stroud bid provides for vitrified specials.

LA HABRA, Cal.—The $75,000 sewer bond issue carried at recent election The bonds will be issued by the La Habra Sanitary District.

SAN JOSE, Santa Clara Co., Cal. — Until March 31, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp. 11th St., bet. Santa Clara and Taylor Sts., involv. grading and paving with 1½-in. Durite asph. conc. surface with 3-in. Durite asph. conc. base; hyd. cem. conc. curbs and gutters; one br. catchbasin; 3 storm water inlets; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

ANAHEIM, Cal.—Until 8 p. m., Mar. 27 bids will be rec. by city trustees for sewer work involv. 826 ft. 8-in. vit. pipe; 13,929 ft. 6-in. vit. pipe with Y's (as required); 18 manholes; 15 flush tanks; 1 flush tank to be changed to manhole. Cert. check or bond 10%. O. E. Steward, city manager.

POMONA, Cal.—H. N. Hanawalt, La Verne, awarded cont. by council at $12,150 to pave N Garvey Ave., betw. Willow St. and Lordsburg Rd., involv. grade; pave with 5-in. conc; const. curbs, corru. iron culvert, conc. catch basin, etc. Other bids were. Fleming Constr. Co., $13,000; Thomas T. Crawford, $14,310.10.

SANTA ANA, CAL.—Griffith Co., 502 L. A. Ry. Bldg., Los Angeles, awarded contr. by supervisors at $82,000 to pave Placentia under Rd. Imp. No. 23. L. A. Paving Co. bid $89,900.

TORRANCE, Cal.—H. G. Ferand, 1214 Detwiler Bldg., Los Angeles, awarded cont. by city trustees at $69,338 to pave Western Ave. through the city limits. Other bids were: Geo. H. Oswald, $72,-853.09; Hall-Johnson Co., $75,322.05; J. J. Jessup, city engr.

BURBANK, Cal.—Until 7:30 p. m., April 1, bids will be rec. by city trustees to imp. under 1911 act:

3rd St., bet. Cypress and Providencia Aves., approx. 2700 lin. ft., involving grade; pave with 3-in. oil and rock macadam; const. cem. curbs, walks.

7th St., bet. Magnolia and Providencia Aves., grade; pave with 3-in. oil and rock macadam; const. cem. curbs, walks.

Plans on file at office of city clerk, F. S. Webster. Cert. check or bond 10%. F. Curt Miller, city engineer.

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, clerk, declares inten. to imp. 5th St., bet. Empire and Jackson Sts., involv. grading and paving with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curbs, gutters and walks. 1911 Act & Bond Act 1915. Protests April 7. Wm. Popp, city eng.

FERNDALE, Humboldt Co., Cal.—Until April 7, bids will be rec. by town trustees to const. sewer in Fifth St.

OLYMPIA, Wash.—Until April 8, 10 a. m., bids will be rec. by State Highway Commission for following projects

1—Grading, draining and surfacing with crushed gravel 3.9 mi. of state road No. 4 from Anglin east in Okanogan county.

2—Paving with conc. 0.12 mi. of state road No. 1, Salmon creek bridge approaches, in Lewis county.

3—Clearing, grading, draining and surfacing with crushed gravel 3.4 mi. of state road No. 5 between Ajlune and Riffe in Lewis county.

4—Clearing, grading, draining and surfacing with gravel 2.11 mi. of state road No. 9 bet. Uncas and Port Townsend. Federal aid project No. 146-A, in Jefferson county.

5—Paving with conc. 4.2 mi. of the highway from Anacortes east in Skagit county.

6—Grading and draining 2.4 mi. of state road No. 1 from Tacoma easterly, Federal aid project No. 120, Sec. B, in Pierce county.

7—Clearing, grading, draining and surfacing with crushed gravel 7.6 mi. of state road No. 22, between Harvey and Gifford in Stevens county.

EL CERRITO, Contra Costa Co., Cal—Town trustees declare inten. to imp Ramona, Pomona and Carmel streets Bids will be asked in about 30 days.

SAN JOSE, Santa Clara Co., Cal.—Until March 31, 8 p. m., bids will be rec. by J. J. Lynch, city clerk, to imp Hensley Ave., bet. 2nd and 4th Sts. involv. grading; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs and gutters; 1 br. catchbasin; 8-in. vit pipe drains; 2 hyd. cem. conc. storm water inlets. 1911 Act & Bond Act 1915 Cert. check 10% payable to city req Wm. Popp, city engineer.

EL CERRITO, Contra Costa Co., Cal—Oakland Sewer Const. Co., Oakland at $1414 awarded cont. by Stege Sanitary Dist. to fur. and lay 1025 ft. 8-in sewer in El Cerrito Park tract. Other bids were: Holsen & Stanley, Richmond $1632; L. L. Page, Richmond, $1590 Geo. C. DeGolyer, Oakland, $1755; John Garden, Oakland, $1550; R. J. Blanco Vallejo, $1547; T. E. Clinch, Richmond $1779; Marting Murphy, Richmond $1438.

SAN DIEGO, Cal. — Bids are being rec. by Bureau of Yards and Docks Navy Department, Washington, D. C. under Specification No. 4933, to erec barracks, storehouse, seven quarters concrete roads and walks, railroad siding and sewer, water, steam, gas electric power and light and telephone connections at Naval Operating Base Marine Corps, San Diego. Date for opening bids has not been set as yet See call for bids under official proposal section in this issue.

SAN DIEGO, Cal.—Until April 2, 1 a. m., bids will be rec. by Bureau o Yards and Docks, Navy Department, t surface parade grounds at San Diego with rock and asphaltic oils, unde Specification No. 4961. **See call for bid under official proposal section in thi issue.**

OAKLAND, Cal—Council, E. K. Sturgis, clerk, declares inten. to improv Redding St., from 39th Ave. s.e. an portion of 39th Ave., adjacent to Redding St., involv. grading and paving const. walks, curbs and gutters; sewers with lampholes and wye branches one culvert. 1911 Act. Protests April 3. W. W. Harmon, city eng.

SAN JOSE, Santa Clara Co., Cal.—County Surveyor Robt. Chandler instructed to prepare spec. to imp. Fleming Ave., Landers Road and portion of Bodfish Mill Rd., the latter from Magie Springs to the old mill.

VENTURA COUNTY, Cal—Sam Hunter, Santa Barbara, was awarded contract by state highway comm. at $319,145.40 for constructing 13.5 mi. state highway in Ventura county bet. Camarillo and s. county boundary. Engr's est. $369,002. This length, 13.5 mi., will be graded and 7.4 mi. paved with cem conc., and the widening of 2.5 mi. b const. conc. shoulders.

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TUCSON, Ariz.—Council declares intention to imp. S 4th Ave., bet. 11th nd 17th Sts., etc., grade; pave; const. urbs, walks, etc. Alternative types of avement are asked, including 5-in. onc., 1½-in. Warrenite-bitul. on 2½-n. bitum. base, 1½-in. asph. conc. on ½-in. bitum. base. L. O. Cowan, city lerk.

SAN JOAQUIN CO., Cal.—U. S. Forst Service has allocated funds to reocate road leading from Alpine high vay down into meadow at upper end f Silver Lake. The road will be built his summer under the supervision of Edwin Ford Smith, supervisor of El Dorado National Forest, with headuarters at Placerville.

NAPA, Napa Co, Cal.—Until March 1, 7:30 P. M., bids will be rec. by H. H. Thompson, city clerk, to imp. Valejo St., bet. Yajome and Lawrence Sts, involv. grading; const. conc. curbs, pave with 2-course asph. macadam, 40 t. wide; conc. catchbasin; 6-in. vit. sewers with 6 wye branches; 8-in. c. i. sewer with 14 wyes; 6 vit. and 9 c. i. side sewers. 1911 Act. Cert. check 10% payable to city req. H. A Harrold, City engineer.

HANFORD, Kings Co., Cal.—Until March 31, 5 P. M., bids will be rec. by D. C. Williams, city clerk, to imp. portions of Keith and Bush Sts., involv. grade and paving with 3-in. bituminous base with 1½-in. Warrenite-Bit surface; cem. curbs. 1911 Act and Bond Act 1915. Cert. check 10% payable city req. Ben Duffield, city engineer.

LOS ANGELES, Cal.—Until 11 A. M., April 7, bids will be rec. by supervisors to imp. Whittier Blvd., bet. Pasadena Ave, and s. w. boundary of Montebello, etc., under County Imp. No. 52, 2.78 mi. involv. 22,411 cu. yds. excav.; 2664 cu. yds. remove old macad.; 37,136 sq. yds. placing old macad. and disintegrated granite sub-base; 9135 ft. curb; 90,048 sq. ft. gutter; 37,136 sq. yds. concr. base; 37,136 sq. yds. asph. concr. base; eight concr box culverts. Est. contr. price, $203,829.65. Av. haul, 3 mi. from Montebello on the U. P. Ry.

SAN DIEGO, Cal.—Griffith Co., 502 L. A. Ry. Bldg., L A., submitted low bid to council to imp. Cedar and Date Sts, involv. 246,122 sq. ft. 1½-in. asph. on 5-in. bitum. base, 16,2c ft.; 8636 sq. ft. cem. walk, 22c ft.; 2216 ft. curb, 65c ft.; 1095 cu yds. earth excav., $1 yd.; miscellaneous, $686.

SANTA ANA, Cal.—Wells & Bressler, California Bank Bldg., Santa Ana, awarded cont. by city trustees to imp. West 2nd St., bet. N. Baker and N. Artesia Sts., involv. 105,085 sq. ft. conc. paving, 19.85c ft.; 2121 6 ft. curb, 50c ft. 324 ft. 4-in. hse. sewers, 50c ft.

SAN DIEGO, Cal. — David H. Ryan, 1615 Fern St., awarded contr. by council at $45,160 to pave A. Ash, Cedar and 7th Sts.

ONTARIO, Cal.—Council orders prel. plans to pave several streets including Lemon and Laurel Aves. bet. Transit and B Sts., and Transit St., bet. Euclid and Sultana Aves., with a portion of Sultana.

PHOENIX, Ariz.—Congress appropriates $100,000 to const. road from Cooley to White river, in the direction of Springerville, Ariz.

ORANGE, Cal.—City Engr. C. C. Bonebrake preparing spec. to pave Palm, Maple, Almond, Cambridge and Shaffer Sts. with 6-in. concr. Approx. length is 30 blocks.

OAKLAND, Cal.—City council orders surveys made for one way Tunnel road from tunnel to Broadway, to be 25 ft. wide, oil macadam pavement; est. cost, $25,000. W. W. Harmon, city eng.

CHICO, Butte Co., Cal—Special meeting of city trustees will be called shortly to decide type of pavement for extensive street improvement program. It is probable that Warrenite pavement will be specified as this is the type recommended by City Eng. F. A. Lammiman.

LOS ANGELES, Cal. — Los Angeles Regional Planning Commission, in conjunction with supervisors of Orange county, plans direct highway bet. Los Angeles and the center of Orange county.

HUNTINGTON BEACH, Cal.—G. M. Souter, Box 626, Huntington Beach, awarded contrs. by city trustees to pave 5th St, bet. Ocean Ave. and Main St., involv. grade, pave with 3-in. Willite on 4-in. asph. concr. base; constructing concr. curbs, walks, corr. iron culverts, 34 post lighting system, at $44,682. Souter also awarded cont. to pave 10th St., bet. Ocean and Palm Aves. at $41,820, involv. grade; pave with 2-in. Willite on 4-in. asph. concr. base; const. concr curbs, walks, corr. iron culverts, lighting system, etc. Souter also rec. contr. to pave 15th St., bet. Ocean and Palm Aves. at $44,639.18, involv. 2-in. Willite on 5-in. asph. concr. base, const. corr. galv. iron conduits, lighting system,etc.

MERCED, Merced Co., Cal.—City trustees, W W. Cornell, Clerk, declare inten. to imp. 13th St., bet. J and M Sts. includ. all intersections excepting M St., involv grade and pave 36 ft. wide, with 2½-in. asph. conc. Willite base and 1½-in. asph. conc. Willite wearing course with seal coat; comb. hyd. conc. curbs and gutters 1911 Act and Bond Act 1915. Protests April 7.

SANTA ROSA, Sonoma Co., Cal.—Until April 7, 8 P. M., bids will be rec. by Sara N. Hatch, Clerk, Board of Education, to imp. portions of King St. from Fremont school grounds to College Ave., involv. const. of curbs and gutters. Cert. check 5% payable to clerk req. Spec. obtainable from clerk.

BAKERSFIELD, Kern Co., Cal.—F. W. Nighbert, Box 457, Bakersfield, awarded contr. by council at $3452 to imp. streets in imp. dist. No. 486, involv 6714 sq. ft. walk at 18c ft.; 1214.29 ft. curb 52c ft.; 35,821.11 sq. ft. oil and grading at 4.5c ft. Other bids were.

Weitzel & Larsen — 18c walk; 50c curb; 5c oiling; total $3606.72.

Dean & Stroble—17.5c walk; 49c curb 5.4c oiling; total, $3704.29.

OAKLAND, Cal—Council, E. K. Sturgis, clerk, declares inten. to improve Quince St., bet. Fearmain and 105th Ave., involv. grade and pave; const. curbs, gutters and sidewalks; culvert with handholes. 1911 Act. Protests April 3. W. W. Harmon, city eng.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—County supervisors, Elizabeth M. Kneese, county clerk, declare inten. to imp. portions of MacDonald and San Bruno Aves., etc., grade and pave with water bound rock macadam base with 2-in. Durite asph. conc. surface; 2x6-in. r.w. header boards. (All in Imp. Dist No. 3). Work under County Imp. Act 1921. Protests April 7. Geo. A. Kneese, engineer, courthouse, Redwood City.

CORONADO, Cal.—Until 3:30 p. m., April 7, bids will be rec. by city trustees to fur. 3 carloads asphaltic road oil, containing 80% asph., delivered f. o. b. cars on spur track at the material yard, to be del. in single car lots when directed by the city engr. Cert. check 10%. T. J. Allen. supt. of streets.

SOUTH PASADENA, Cal.—Election will be held April 14 to vote $70,000 bond issue to const. sewer mains in newly-opened sections. An issue of $25,000 for a new outfall on the Pasadena city frame is also on the same ballot. This is for South Pasadena's share of the expense.

REDONDO BEACH, Cal. — Pacific Paving Co., 510 Metropolitan Theatre Bldg., awarded contr. by city trustees at $38,173 to pave Aves. A, B, C, D and E, involv. 205,800 sq. ft. rock and screenings surface; 93,101 sq. ft. cem. concr. paving with oil and screenings protective coat; 130 ft. curb; 15,295 lin. ft. redwood headers.

Pacific Paving Co., awarded cont at $3605 to imp. 11th St., involv. 10,869 sq. ft. 5-in. concr. pave with oil and screenings protective coat, 243$ sq. ft. 4-in conc. walk; 552 ft. curb; 568 ft. gutter.

SUBSCRIPTION BLANK

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.....192.....

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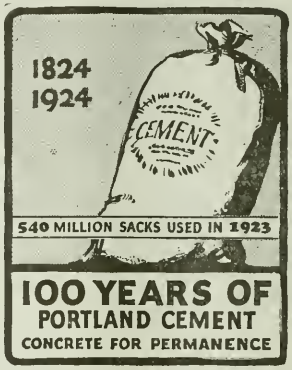
City ..... State .....



Edward Hungerford has written a booklet entitled, "Observations on an Outstanding American Industry." It is about the Cement Industry. Write for your free copy.

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SAN FRANCISCO

548 South Spring Street
LOS ANGELES

A National Organization to Improve and Extend the Uses of Concrete

Offices in 26 Other Cities

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
1128	Crocker	Owner	6600
1129	Same	Same	3800
1130	Same	Same	7600
1131	Same	Same	13200
1132	Same	Same	7600
1133	Same	Same	9600
1134	Same	Same	3300
1135	Same	Same	4800
1136	Same	Same	6600
1137	Same	Same	3500
1138	Same	Same	7200
1139	Janssen	Owner	4000
1140	McGushin	Bienfield	4000
1141	Northern	Owner	7000
1142	Schemp	Wilson	7000
1143	Marian	Owner	4000
1144	Mecchi	Pera	1500
1145	Dever	Hantzsche	4900
1146	Lindeman	Owner	4000
1147	Jones	Owner	4000
1148	Stiefel	Owner	9000
1149	Ellingson	Owner	18000
1150	Zan Bros.	Coburn	1500
1151	Blue	Glaser	1200
1152	P. G. & E.	Rees	2600
1153	Independent	Sibley	32500
1154	Pontet	McKellar	4000
1155	Arrilaga	Filippis	4000
1156	S. F. Realty	Barrett	34313
1157	Stone	McKellar	4400
1158	Zihn	Owner	8000
1159	Irvine	Owner	3000
1160	Conroy	Owner	1000
1161	Kelham	Taylor	2000
1162	Evans	Owner	8000
1163	Stone	Kellar	3500
1164	Christensen	Owner	14000
1165	Briess	Hladik	16000
1166	Farley	Christensen	12000
1167	Marchi	Peterson	10000
1168	Coley	Owner	2000
1169	Hughes	Owner	4500
1170	Carlson	Owner	1500
1171	San Filippo	Erickson	5000
1172	Albarello	Owner	2500
1173	Milo	Hjul	5900
1174	Giacobbi	Hjul	5500
1175	Haase	Phoenix	1000
1176	Medas	Owner	2000
1177	Lang	Owner	3000
1178	Delrieux	Owner	4000
1179	Lang	Owner	3000
1180	Same	Same	6000
1181	Same	Same	3000
1182	Peterson	Owner	3000
1183	Nelson	Owner	3000
1184	Smith	Owner	12325
1185	Lacey	Owner	40000
1186	Van Hericks	Lacey	10000
1187	Nelson	Owner	80000
1188	Moscone	Fracchia	17550
1189	Weinstein	Greene	13132
1190	Voorhies	Owner	18000
1191	Phelan	Owner	35000
1192	Hidzig	Dahlberg	9000
1193	Allen	Owner	12000
1194	Krejcik	Magnusson	12000
1195	Westgate	Wilson	12500
1196	Tallerico	Owner	10000
1197	Convey	Owner	27900
1198	Tait	Novelty	1000
1199	Heyman	Owner	7300
1200	Steele	Todhunter	1000
1201	Ormsby	Irvine	1400
1202	Altwater	Meyer	9000
1203	Cosgrove	Maguire	3300
1204	Lamothe	Owner	2800
1205	Isaacson	Owner	2800
1206	Altwater	Meyer	12000
1207	Isaacson	Owner	2800
1208	Krohn	Owner	5000
1209	Little	Owner	4000
1210	Somers	Magill	6500
1211	Schneider	Jenkins	1409
1212	Rowe	Jenkins	2279
1213	Froment	Little	11800
1214	Anderson	Anderson	7750
1215	Western States	Butte	3895
1216	Western States	O'Mara	13300
1217	Western States	Wood	14272
1218	McGushin	Bienfield	3750
1219	Balzer	O'Neil	13650
1220	Chapman	Jenkins	595
1221	Westgate	Wilson	25914
1222	Mattock & Feasey	Owner	5500
1223	Prot. Orph.	Lindgren	93000
1224	Same	Same	10000
1225	Same	Same	32000
1226	Same	Same	32000
1227	Same	Same	32000
1228	Same	Same	32000
1229	Same	Same	36000
1230	Same	Same	36000
1231	Hemmen	Owner	12000
1232	Price	Owner	8000
1233	Dobkowitz	Owner	1000
1234	De Young	Sullivan	3200
1235	Rudolph	Lindberg	4425
1236	S. F. Home	Meyer	8000
1237	Linden	Christensen	1200
1238	Weisenbach	Owner	7800
1239	Weiler	Bryant	6500
1240	Sherman	Coburn	1183
1241	S. F. Home	Meyer	3000
1242	S. F. Home	Meyer	6000
1243	Fauser	Stiefel	9000
1244	McCarthy	Owner	3000
1245	Metcalf	Owner	18000
1246	Janssen	Owner	8000
1247	Janssen	Owner	4000
1248	Federal	McGowan	21987
1249	Podesta	Pasqualetti	37000
1250	Stick	Halsen	8400
1251	McAlister	Barrett	47500
1252	Chinese Hosp.	Barrett	146206
1253	Krejcik	Magnuson	17250
1254	Eastman	Fulton	1000
1255	Koenig	Owner	7000
1256	Fratessa	Owner	12000
1257	Brooks	Owner	3500
1258	Rebolini	Stone	1975
1259	Parkside	Owner	16000
1260	Meyer	Owner	4000
1261	Same	Same	4000
1262	Strand	Owner	5500
1263	Kepfer	Owner	3000
1264	Houpt	Adler	13125
1265	Roman	Gyneh	16934
1266	Brown	Meyer	5312
1267	Loller	Forbes	4000
1268	Antonini	Spargo	34000
1269	Kohlbecher	Mangels	20890
1270	Freese	Allen	24937

DWELLINGS
(1128) N BAY SHORE AVE. E Tunnel Ave.; N Bay Shore Ave. 80 E Tunnel Ave. Two 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. $3300 each.

DWELLING
(1129) N CHENERY 225 E Lippard. One-story and basement frame dwelling.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. $3800

DWELLINGS
(1130) S CHICAGO 100, 133 E Naylor. Two 1-story and basement frame dwellings
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. $3800 each.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

DWELLINGS
(1131) W CONGO 80 S STILLINGS; W Congo 105 S Stillings; W Congo 285 S Stillings; W Congo 310 S Stillings Four 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. $3300 each.

DWELLINGS
(1132) W NAYLOR 66 N CHICAGO; W Naylor 100 N Chicago. Two 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. $3800 each.

DWELLINGS
(1133) N PRAGUE 131 E CORDOVA; N Prague 161 E Cordova. Two 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. $4800 each.

DWELLING
(1134) N ROLPH 58 E MUNICH. One-story and basement frame dwlg.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. $3300

DWELLING
(1135) S ROLPH 25 E ATHENS. One-story and basement frame dwlg.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. $4800

DWELLINGS
(1136) E WHEELER 343 N Bay Shore Ave.; W Wheeler 388 N Bay Shore Ave. Two 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. $3300 each.

DWELLING
(1137) W WHEELER 35 N Bay Shore Ave. One-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. $3500

DWELLINGS
(1138) S CHICAGO 102 AND 135 E Naylor. Two 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None $3600 each.

DWELLING
(1139) E COLLINS 446-8 N GEARY. One-story and basement frame dwelling.
Owner—E. A. Janssen, Hearst Bldg., San Francisco.
Architect—None. $4000

STORES
(1140) S GEARY 32-6 W TENTH AVE One-story frame stores.
Owner—P. M. McGushin, 1536 Lake St., San Francisco.
Architect—None.
Contractor—D. L. Bienfield, 447 21st Ave., S. F. $4000

DWELLING
(1141) S HEAD 250 W ASHTON. 1-story and basement frame dwlg.
Owner — Northern Supply Co., 402 Charlton Bldg., S. F.
Architect—None. $7000

DWELLING
(1142) SW LINARES AND VENTURA Aves. 2-story and basement frame dwelling.
Owner—J. F. Schemp, care of Contractor.
Architect—None.
Contractor — Wilson & Benson, 420 Russia Ave., S. F. $7000

ALTERATIONS
(1143) NO 1212 MARKET ST. Install automatic elevator and remodel for stores and meeting rooms.
Owner—Marian Realty Co., 1171 Market St., S. F.
Architect—Rousseau & Rousseau, 1171 Market St., S. F. $4000

ALTERATIONS
(1144) E STEINER 52 N FILBERT. Remodel for private garage quarters.
Owner—F. Mecchi, 2294 Filbert St., San Francisco.
Architect—None.
Contractor—P. Pera, 2706 Greenwich St., S. F. $1500

DWELLING
(1145) E TWENTY-SEVENTH AVE., 82-6 S Balboa. One-story and basement frame dwelling.
Owner—B. H. Dever, 136 Clement St., San Francisco.
Architect—None.
Contractor—G. M. Hantzsche, 455 32nd Ave., S. F. $4900

DWELLING
(1146) W TWENTY-SEVENTH AVE. 283 N Cabrillo. One-story and basement frame dwelling
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None. $4000

DWELLING
(1147) NW TWENTY-EIGHTH AVE. and Irving. Two-story and basement frame dwelling.
Owner—Samuel J. Jones, 804 Mills Bldg., S. F.
Architect—None. $4000

FLATS
(1148) N CALIFORNIA 32-6 E 23RD Ave. Two-story and basement frame (2) flats.
Owner—John V. Stiefel, 184 23rd Ave., San Francisco.
Architect—None. $9000

APARTMENTS
(1149) SW EIGHTEENTH AVE. AND Lincoln Way. Two-story and basement frame (4) apartments.
Owner—Elling Ellingson, 180 Jessie St. San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $18000

FIRE REPAIRS
(1150) 3546 NINETEENTH STREET. Repair fire damage to broom factory, tar and gravel roofing, etc.
Owner—Zan Bros., 3546 19th St., S. F.
Architect—None.
Contractor—Ira W. Coburn, 712 Hearst Bldg., S. F. $1500

ALTERATIONS
(1151) NO. 1631 OCEAN AVENUE. Install brick bake oven and remove partition in bakery.
Owner—Blue Ribbon French Pastry Co., 1631 Ocean Ave., S. F.
Architect—None.
Contractor—J. P. Glaser, 2480 Union St San Francisco. $1200

BLAST PIPING
(1152) CORA 710 N 85° 40′ E from SE Humboldt and Georgia N 4° 20′ W 120 N 85° 40′ E 90 S 40 20′ E 120 S 85° 40′ W 90 more to beginning. All work for blast piping for generators 9 and 10 at Potrero gas plant.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor—Rees Blow Pipe Mfg. Co., 240 7th St., S. F.
Filed Mar. 13, 1924. Dated Mar. 7, 1924.
Completed and accepted 75%
Usual 35 days 25%
TOTAL COST. $2600
Bond, $1300. Sureties, Maryland Casualty Co. Forfeit, Limit, none. Plans and Specifications filed.

EXCAVATING, ETC
(1153) NW EIGHTEENTH AND FLORIda N 200 x W 200. All work for excavating, grading, back filling, etc., for reinforced concrete laundry bldg.
Owner — Independent Laundry, 2798 19th St., S. F.
Architect—John J. Foley.
Contractor—Sibley Grading & Teaming Co., 135 Landers St., S. F.
Filed Mar. 13, 1924. Dated Feb. 20, 1924.
Grading, leveling complete.....$2250
Usual 35 days 750
Back filling complete 250
TOTAL COST, $3250
Bond, Sureties, Forfeit, none. Limit, 20 days Plans and Specifications filed.

DWELLING
(1154) S FOURTEENTH AVE. ———. All work except grading for frame dwelling.
Owner—Emma Pontet & A. Pontet Jr.
Architect—None.
Contractor—McKellar & Son, 557 Divisadero St., S. F.
Filed Mar. 13, 1924. Dated Jan. 28, 1924.
Frame up, rf. bds. in place....$1000
Brown coated 1000
Completed and accepted 1000
Usual 35 days 1000
TOTAL COST, $4000
Bond, $2000. Sureties, Indemnity Ins. Co of North America. Forfeit, $1.00. Limit, 100 days. Plans and Specifications filed.

ALTERATIONS
(1155) 2315 JACKSON ST. All work for alterations and addition to rear of 2nd and 3rd floors of bldg.
Owner — Arrillaga Musical College, 2315 Jackson St., S. F.
Architect—None.
Contractor—V. Filippis, 269 24th Ave., San Francisco.
Filed Mar. 13, 1924. Dated Mar. 12, 1924.
New framing complete $1000
Plastering completed and fit in basement completed 1000
Completed and accepted 1000
Usual 35 days 1000
TOTAL COST, $4000
Bond, Sureties, none. Forfeit, $5.00 Limit, 75 days. Plans and Specifications filed.

FACTORY BLDG.
(1156) SW NINTH 100 SE HOWARD SE 125 NE 85 NW 70 NE 100 NW 55. All work for 1-story and mezzanine factory bldg.
Owner—San Francisco Realty Syndicate, 2008 Mission St., S. F.
Architect—A. J. Horstmann, 110 Sutter St., S. F.
Contractor—Barrett & Hilp, 918 Harrison St., S. F
Filed Mar. 13, 1924. Dated Mar. 11, 1924.
Concrete walls up and structural steel up 25%
Roof on 25%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST, $34,313
Bond, 50%. Sureties, J. A. Casey and Albert Lachman. Forfeit, none. Limit, 60 days. Plans and Specifications filed.
NOTE—Permit reported Mar. 8, 1924, No. 1031.

FRAME BLDG.
(1157) W VERMONT 50 N NINEteenth 50 x 50 All work for 1-story frame bldg. with garage under.
Owner—Tobin & Elmer B. Stone, 1369 Hyde St., S. F.
Architect—None.
Contractor—McKellar & Son, 557 Divisadero St., S. F.
Filed Mar. 13, 1924. Dated Mar. 12, 1924.
Frame up, roof boards on.....$1100
Rough plaster on 1100
Completed and accepted 1100
Usual 35 days 1100
TOTAL COST, $4400
Bond, Sureties, none. Forfeit, $1. Limit, 100 days. Plans and Specifications filed

LOFTS
(1158) W FIFTH 30 N Howard. One-story concrete lofts and basement.
Owner—Miss E. A. Zihn, % Architect.
Architect—Martin A. Sheldon, Monadnock Bldg., S. F. $8000

DWELLING
(1159) N HOLLOWAY 75 W Plymouth Ave. One-story and basement frame dwelling.
Owner—J. M. Irvine, % Architect.
Architect—R. R. Irvine, 736 Call Bldg., San Francisco. $3000

ALTERATIONS
(1160) W HOWARD 200 S 24th. Construct concrete foundation for dwelling; underpin; general carpentry work.
Owner—James A. Conroy, 1551 Treat Ave., San Francisco.
Architect—None. $1000

FOUNDATION
(1161) N SEA CLIFF AVE 311 W 25th Ave. Construct concrete foundation for residence.
Owner—Mrs. George W. Kelham.
Architect — Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—Taylor & Jackson, 290 Tehama St., San Francisco. $2000

RESIDENCES
(1162) S ULLOA 103 and 166 E Kensington. Two two-story and basement frame residences.

Owner—Earl Evans, 451 Ulloa St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., S. F. $4000 each

DWELLING
(1163) W VERMONT 50 N Nineteenth One-story and basement frame dwelling.
Owner — Elmer B. Stone, 215 Montfgomery St., San Francisco.
Architect—None.
Contractor—Kellar & Son, 557 Divisadero St., San Francisco. $3500

APARTMENTS
(1164) S TURK 199 E SCOTT. Two-story and basement frame (8) apartments.
Owner—H. C. Christensen, 518 25th Ave., S. F.
Architect—None.
Contractor—Christensen Bros., 518 25th Ave., S. F. $14,000

APARTMENTS
(1165) S CALIFORNIA 53-4 E 17TH Ave. Two-story and basement frame (8) apartments.
Owner—L. Briess, 825 Monadnock Bldg. San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., S. F. $18,000

APARTMENTS
(1166) N CHESTNUT 127 E VAN NESS Ave Two-story and basement frame (6) apartments.
Owner—Miss Farley, care of Contracter.
Architect—None.
Contractor — Christensen Bros., 518 25th Ave., S. F. $12,000

APARTMENTS
(1167) W GUERRERO 225-6 S 18TH. Two-story and basement frame (4) apartments.
Owner—C. Marchi, 648 Guerrero St., San Francisco.
Architect—None.
Contractor—Gustav Peterson, 683 9th Ave., S. F. $10,000

DWELLING
(1168) SE CURTIS AND MORSE STS One-story and basement frame dwelling.
Owner—Geo. H. Coley, 46 Surrey St., San Francisco.
Architect—None. $2000

DWELLING
(1169) E CLAYTON 100 N DEMING. One-story and basement frame dwelling.
Owner—Mrs. R. Hughes, 1410 8th Ave., San Francisco.
Architect—None.
Contractor—R. Hughes, 1410 8th Ave., San Francisco. $4500

DWELLING
(1170) W ATHENS 100 S Russia. One-story and basement frame dwelling.
Owner—T. and J. Carlson, 214 27th St., San Francisco.
Architect—None. $1500

FRAME FLATS
(1171) SE ARLINGTON % ROANOKE Two-story and basement frame (2) flats.
Owner—Sam San Filippo, 308 Roanoke St., San Francisco.
Architect—None.
Contractor — Henry Erickson, 1825 Church St., San Francisco. $5000

ALTERATIONS
(1172) NO. 17 FRANCIS. Move dwelling to rear of lot; remodel basement for private garage.
Owner—John Albarello, Premises.
Architect—J. A. Porporato, 619 Washington St., S. F. $2500

MILLING PLANT
(1173) S HARRISON 325 E Fourth. One-story concrete coffee milling plant.
Owner—Milo Coffee Co.
Engineer—J. H. Hjul, 128 Russ St., San Francisco.
Contractor—J. H. Hjul, 128 Russ St., San Francisco. $5900

BUILDING
(1174) N HOWARD 81-11 W Lafayette One-story and mezzanine floor concrete building.
Owner—L. A. Giacobbi & Sons.
Engineer—J. H. Hjul, 128 Russ St. S. F.
Contractor—J. H. Hjul, 128 Russ St., San Francisco. $5500

ALTERATIONS
(1175) NW MASON AND TURK STS. Remove present and install new sidewalk lights.
Owner—A. Haase, 1375 Potrero Ave., San Francisco
Architect—None.
Contractor — Phoenix Sidewalk Light Co., Monadnock Bldg., S. F. $1000

DWELLING
(1176) S MULLEN AVE 155 E Alabama. One-story and basement frame dwelling.
Owner—Peter Medas, 54 Mullen Ave., San Francisco.
Architect—None $2300

DWELLING
(1177) N PORTOLA DR. 210 E Kensington Way. One-story and basement frame dwelling.
Owner—Lang Realty Co., 219 1st Nat'l. Bk. Bldg., San Francisco.
Architect—H. Stoner, 219 1st Nat'l. Bk. Bldg., San Francisco. $3000

DWELLING
(1178) N REVERE 375 W Third. One-story and basement frame dwlg.
Owner—A. Delrieux, 1753 Oakdale Av., San Francisco.
Architect—None. $4000

DWELLING
(1179) S ULLOA 532 E Kensington Way. One-story and basement frame dwelling
Owner—Lang Realty Co., 219 1st Nat'l. Bk. Bldg., San Francisco.
Architect—H. Stoner, 219 1st Nat'l. Bk. Bldg., San Francisco. $3000

DWELLINGS
(1180) S ULLOA 130 and 564 E Kensington Way. Two one-story and basement frame dwellings.
Owner—Lang Realty Co., 219 1st Nat'l. Bank Bldg., San Francisco.
Architect—H Stoner, 219 1st Nat'l. Bk. Bldg., S. F. $3000 each

DWELLING
(1181) S ULLOA 500 E Kensington Way. One-story and basement frame dwelling
Owner—Lang Realty Co., 219 1st Nat'l. Bk. Bldg., San Francisco.
Architect—H. Stoner, 219 1st Nat'l. Bk. Bldg, San Francisco. $3000

DWELLING
(1182) E TWENTY-SECOND AVE 125 S Lincoln Way. One-story and basement frame dwelling
Owner—Albert R. Peterson, 132 Chattanooga St., San Francisco.
Architect—None. $3000

DWELLINGS
(1183) E THIRTY-THIRD AVE 100 and 125 N Irving. Two two-story and basement frame dwellings.
Owner — F. Nelson & Sons, 2 West Portal Park, San Francisco.
Architect—None. $3000

APARTMENTS
(1184) W THIRTY-FIRST AVE 179-7 S California. Two-story and basement frame (4) apartments.
Owner—Wm. Smith.
Architect—Edward E. Young, 2002 California St., S. F. $12,325

APARTMENTS
(1185) S O'FARRELL 114-6 E Larkin. Four-story and basement concrete (32) apartments.
Owner—E. V. Lacey, 180 Jessie St., San Francisco.
Architect—None $40,000

APARTMENTS
(1186) SW GROVE AND OCTAVIA. Two-story and basement frame (12) apartments.
Owner—Wm. Van Herick, 180 Jessie St., San Francisco.
Architect—None.
Contractor—E. V Lacey, 180 Jessie St., San Francisco. $10,000

APARTMENTS
(1187) SW PIERCE AND UNION W PIERCE 55 S Union. Two three story and basement frame apartments (12 apt. in each bldg.)
Owner—Emil Nelson, % Architect.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $40,000 each

BUILDING
(1188) W FRANKLIN 33 S Filbert S 30xW 100. All work for two-story and basement frame building.
Owner—Filippo Moscone.
Architect—L. Traverso, 854 Union St., San Francisco.
Contractor—J. Fracchia and C. Rosina
Filed Mar. 15, '24. Date Mar. 11, '24.
Enclosed $4387.50
Brown coated 4387.50
Completed and accepted..... 4387.50
Usual 35 days..... 4387.50
TOTAL COST, $17,550.00
Bond, $8775 Sureties, G. B Cordano and Antonio Carrara. Limit, 80 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported Mar. 13, 1924 No 1121.

WAREHOUSE
(1189) S STEVENSON 275 W Sixth 25 x75. All work for three-story and basement reinforced concrete warehouse.
Owner—Weinstein Co., 1041 Market St, San Francisco.
Architect—Wm. F. Gunnison and H. P. Merritt, 57 Post St., S. F.
Contractor—M. E. Greene, 180 Jessie St., San Francisco.
Filed Mar .15, '24. Dated Mar. 14, '24
1st floor concrete walls poured and 1st floor joists set.....$1969
2nd floor concrete walls set and 2nd floor joists set..... 1969
3rd floor concrete walls set and 3rd floor joists set..... 1969
Roof on 1969
Completed and accepted..... 1973
Usual 35 days 3823
TOTAL COST, $13,132
Bond, $6566. Surety, Maryland Casualty Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit applied for today.

APARTMENTS
(1190) NE FUNSTON AVE. & LAKE. Three-story and basement frame (6) apartments.
Owner—W. R. Voorhies, —— Masonic Ave., San Francisco.
Architect—None. $18,000

APARTMENTS
(1191) SE HAYES AND COLE STS. Three-story and basement frame (12) apartments.
Owner—P. J. Phelan, 519 14th St., San Francisco.
Architect—None. $35,000

FRAME FLATS
(1192) N HIGHLAND AVE 100 W Mission. Two-story and basement frame (2) flats
Owner—Joseph F. Hidzig, 3812 Mission St., San Francisco.
Architect—None.
Contractor—Dahlberg & Peterson, 330 Malaga St., S. F. $9000

RESIDENCE
(1193) SW TWENTY-SIXTH AVE & Sea Cliff. Two-story and basement frame residence.
Owner—Allen & Co., 168 Sutter St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco. $12,000

APARTMENTS
(1194) NE BUCHANAN AND MAGnolia. Two-story and basement frame (4) apartments.
Owner—Mr. and Mrs. Frank Krejcik.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor — Magnusson & Peterson, 175 Vasquez Ave., S. F. $12,000

RESIDENCES
(1195) S FORTOLA DRIVE 90 and 140 E San Leandro Way. Two two-story and basement frame residences and two one-story frame private garages.
Owner—Westgate Park Co., 278 Post St., San Francisco.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—Wilson & Benson, 126 Ashton Ave., S. F. Residences, $12,500 each; garages, $400 each.

FRAME FLATS
(1196) S CHESTUNT 125 W Franklin Two-story and basement frame (2) flats.
Owner—Gabriel Tallerico & J. Meconi, 446 Union St., San Francisco.
Architect — I. Zanolini, 604 Montgomery St., San Francisco. $10,000

APARTMENTS
(1197) NW GREENWICH & LARKIN Three-story and basement frame (5) apartments.
Owner—Annie M. Convey, 460 Montgomery St., San Francisco.
Architect—John H. Powers and John H. Ahnden, 460 Montgomery St., San Francisco. $27,900

ALTERATIONS
(1198) NO. 168 O'FARRELL. Remove present marquise and install another in its place.
Owner—John Tait, Premises.
Architect—Ward & Blohme, 454 California St., San Francisco.
Contractor — Novelty Elec. Sign Co., 435 Turk St., S. F. $1000

DWELLINGS
(1199) N LAWTON 95 and 120 E Fortieth Ave. Two one-story and basement frame dwellings.
Owner—Oscar Heyman & Bro., 742 Market St., San Francisco.
Architect—None. $3500 each

REPAIRS
(1200) NO 260 OAK. Replace woodwork destroyed by fire (6 flats).
Owner—Wm. Steele, Yountville, Cal.
Architect—None.
Contractor—George C. Todhunter, 1088 Ashbury St., S. F. $1000

REPAIRS
(1201) NO. 240-46 OAK. Repair fire damage to dwelling; replace rustic T. & G. roof; painting, etc.
Owner—John J. Ormsby, Alameda, Cal.
Architect—None.
Contractor—J. J. Irvine, 801 Cabrillo St., San Francisco. $1400

DWELLINGS
(1202) N JUDAH 82-6, 107-6 and 132-6 W 17th Ave. Three one-story and basement frame dwellings.
Owner—W. F. Altvater, 2565 Mission St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 1st Nat'l. Bank Bldg., S. F. $3000 each

DWELLING
(1203) S TWENTIETH 50 W Arkansas One-story and basement frame dwelling.
Owner—Jas. Cosgrove, 717 Bay St, San Francisco.
Architect—Plans by owner.
Contractor—Jos. Maguire, 556 Colby St. San Francisco. $3900

DWELLING
(1204) S MARTHA AVE. 148.82 E Baden. 1-story and basement frame dwlg.
Owner—Henry Lamothe, 668 Clay St., San Francisco.
Architect—None. $2800

DWELLING
(1205) S JOOST AVE. 125 W Foerster. One-story and basement frame dwlg.
Owner—Issacson & Nylund, 53 Cortland Ave., S. F.
Architect—None. $2800

DWELLING
(1206) W SEVENTEENTH AVE. 25, 60, 85 N Judah. Three 1-story and basement frame dwlgs.
Owner—W. F. Altvater, 2565 Mission St., S. F.
Architect—None.
Contractor—Meyer Bros., 603 First National Bank Bldg., S. F. $4000 each.

DWELLING
(1207) S JOOST AVE. 100 Foerster. 1-story and basement frame dwlg.
Owner—Issacson & Nylund, 53 Cortland Ave., S. F.
Architect—None. $2800

DWELLING
(1208) S ARLINGTON 213 W Roanoke. Two-story and basement frame dwelling.
Owner—H. H. Krohn, 355 Arlington St., San Francisco.
Architect—Plans by owner. $5000

DWELLING
(1209) E FORTY-THIRD AVE. 75 S Aaza. One-story and basement frame dwlg.
Owner—M Little, 1353 5th Ave., S. F.
Architect—None. $4000

FLATS
(1210) N FULTON 82-6 W 18TH AVE. Two-story and basement frame (2) flats.
Owner—H. Somers, 581 4th Ave., S. F.
Architect—None.
Contractor—C. T. Magill, 581 4th Ave., San Francisco. $6500

ALTERATIONS
(1211) SE RANDOLPH & VICTORIA 237 Randolph. Moving, raising foundations, grading, underpinning 1-story frame residence.
Owner—John & Katie Schneider, 237 Randolph St., San Francisco.
Architect—Lewis M. Gardner, 942 Pine St., San Francisco.
Contractor — Jenkins & Gross., 3358 Market St., San Francisco.
Filed Mar. 17, 1924. Dated Feb. 21, 1924.
Moved, foundation in and enclosed $704
Completed and accepted 705
TOTAL COST, $1409
Bond, $705; Sureties, Gesina C. Jenkins; Forfeit, none; Limit, 60 days; Plans and specifications filed.
NOTE—Permit reported Feb. 23, 1924 No. 780.

MOVING, ETC.
(1212) SE RANDOLPH & ARCH 417-419 Randolph. Moving, raising foundations, grading, underpinning etc. two 1-story frame bldgs.
Owner—Margaret Rowe, 417 Randolph St., San Francisco.
Architect—Lewis M. Gardner, 942 Pine St., San Francisco.
Contractor—Jenkins & Gross 3358 Market St., San Francisco.
Filed Mar. 17, 1924. Dated Feb. 24, 1924.
Moved, underpinned and enclosed $1135.95
Completed and accepted 1140.00
TOTAL COST, $2279.95
Bond, $1140; Sureties, Gesina C. Jenkins and J. E. Hamann; Forfeit, none; Limit, 60 days; Plans and specifications filed.
NOTE—Permit reported Feb. 23, 1924 No. 781.

CARPENTER ETC.
(1213) W TWENTY-THIRD AVE. 375 N Clement N 25 x W 120. Carpenter, plumbing, painting, plastering, and electric work for 2-story frame (flats) building.
Owner—Eugenie & Louis Froment, 235 23rd Ave., San Francisco.
Plans by contractor.
Contractor—John Little & Son, 1035 Lincoln Way, San Francisco.
Filed Mar. 17, 1924. Dated Mar. 12, 1924.
Rough frame up $2950
Brown coated 2950
Completed and accepted..... 2950
Usual 35 days 2950
TOTAL COST ,$11,800
Bond, Forfeit, Limit, None; Plans and specifications filed.
NOTE—Permit reported Mar. 5, 1924, No. 968.

BUNGALOWS
(1214) W DOLORES 150 S Army W 40 S 78 E 15 NE 45 N 43. Two 4-room bungalows.
Owner—Herman & Inger M. H. Andersen, 2158 Howard St., San Francisco.
Architect—Chas. E. Shuetz.
Contractor—J. M. Andersen, 1612 Pacific Ave., San Francisco.
Filed Mar. 17, 1924. Dated Jan. 12, 1924.
Frame up $1937.50
1st coat plaster on and roof on 1937.50
Completed and accepted 1937.50
Usual 35 days 1937.50
TOTAL COST, $7750
Bond, Forfeit, none; Limit, 60 days; Plans and specifications filed.
NOTE—Permit reported Jan. 15, 1924 No. 168.

ELECTRICAL WORK
(1215) NE SIXTH & STEVENSON. Electrical work for building.
Owner—The Western States Life Ins. Co., Market and 6th Sts.
Architect—Reed Bros., 105 Montgomery St., San Francisco.
Contractor — Butte Electrical Equipment Co. 956 Folsom St., San Francisco.

Filed Mar. 17, 1924. Dated Mar. 6, 1924.
6th each month 75%
Usual 35 days 25%
TOTAL COST, $3895
Bond, $1900; Sureties, New Amsterdam Casualty Co.; Forfeit, none; Limit June 1, 1924; Plans and specifications filed.

(1216) PLUMBING WORK ON ABOVE
Contractor—J. E. O'Mara Co., 445 Minna St., San Francisco.
Filed Mar. 17, 1924. Dated Mar. 6, 1924.
Payments same as above.
TOTAL COST, $13,300
Bond, $6200; Sureties, Maryland Casualty Co.; Forfeit, Limit, none; Plans and specifications filed.

(1217) HEATING & VENTILATING on above.
Contractor — P. W. Wood, 106 Santa Cruz Ave., San Francisco.
Filed Mar. 17, 1924. Dated Mar. 6, 1924.
Payments same as above.
TOTAL COST, $14,272.03
Bond, $7200; Sureties, Southern Surety Co.; Forfeit, none; Limit, June 1, 1924; Plans and specifications filed.

STORE BLDG.
(1218) S GEARY 32-6 W 10TH AVE. S 100 x W 25. All work for 1-sto. (2 stores) frame bldg.
Owner—P. M. McGushin, 1536 Lake, San Francisco.
Architect—Plans by contractor.
Contractor—D. L. Bienfield, 447 21st Ave, San Francisco.
Filed Mar. 17, 1924. Dated Mar. 11, 1924.
Frame up, rf. sheathing on..$937.50
Brown coated 937.50
Completed and accepted 1125.00
Usual 35 days 750.00
TOTAL COST, $3750
Bond, Sureties, Forfeit, none. Limit, 60 days. Plans and Specifications not filed.

CLASS C BLDG.
(1219) SE NATOMA 275 SW THIRD SW 37 x SE 80. All work for 1-sto. and part 2-story and basement class C bldg.
Owner—Gus O. Balzer, Burlingame.
Architect—J. E. Krafft & Son, 2829 Divisadero, S. F.
Contractor—Daniel O'Neil, 273 Minna St., S. F.
Filed Mar. 17, 1924 Dated Feb. 19, 1924.
First and 15th of each month..75%
36 days after 25%
TOTAL COST, $13,600
Bond, Sureties, none. Forfeit $5.00 per day. Limit, May 29, 1924. Plans and Specifications filed.

MOVING, ETC.
(1220) SE RANDOLPH AND HEAD 145 Randolph. All work for moving, raising foundation, grading, underpinning, etc., 1-story frame residence.
Owner—Fannie Chapman.
Architect—Lewis M. Gardner, 942 Pine St., S F.
Contractor — Jenkins & Gross, 3358 Market St., S. F.
Filed Mar. 17, 1924. Dated Feb. 13, 1924.
Moved, underpinning in and enclosed $297.85
Completed and accepted 297.90
TOTAL COST, $595.75
Bond, $297.90, Sureties, Gesina C. Jenkins and J. F. Hamann. Forfeit, none. Limit, 60 days. Plans and Specifications filed.

DWELLINGS
(1221) LOTS 15 AND 16 BLK. 10 St. Francis Wood Exten. No. 1. All work for two 2-story frame dwlgs.
Owner—Westgate Park Co., 278 Post St., S. F.
Architect—Henry H. Gutterson, 526 Powell St., S. F.
Contractor—Wilson & Benson, 420 Russia Ave., S. F.
Filed Mar. 17, 1924. Dated Mar. 14, 1924.
Frame up $6428.60
Brown coated 6428.60
Completed and accepted 6428.60
Usual 35 days 6428.60
TOTAL COST, $25,914
Bond, $12,957. Sureties, Edwin T. Peterson and Chas. Monson. Forfeit, $10. Limit, 120 days. Plans and Specifications filed.

FACTORY
(1222) N CLARA 75 W Fifth. One-story and mezzanine floor concrete industrial plant.

Owner—Mattock & Feasey, 251 Kearny St., San Francisco.
Architect—J. G. Little & Co., 251 Kearny St., S. F. $5500

BUILDING
(1223) BLOCK BDED BY VICENTE and Wawona Sts. and 28th and 30th Aves. Two-story and basement frame executive building.
Owner — S. F. Protestant Orphanage, % Architect.
Architect — Bliss & Faville, Balboa Bldg., San Francisco.
Contractor—Lindgren & Swinerton, Inc. 722 Standard Oil Bldg., San Francisco. $93,000
NOTE:—Work underway.

POWER HOUSE
(1224) BLOCK BDED BY TWENTY-eighth and 30th Aves., Wawona & Vicente Sts. One-story reinforced concret power house.
Owner—San Francisco Protestant Orphanage, % Architect
Architect—Bliss & Faville, Balboa Bldg., San Francisco
Contractor—Lindgren & Swinerton, Inc 622 Stanrad Oil Bldg., San Francisco. $10,000
NOTE:—Work underway.

DWELLING
(1225) BLOCK BDED BY VICENTE and Wawona Sts. and 28th and 30th Aves. Two-story and basement frame orphans' dwelling.
Owner—San Francisco Protestant Orphanage, % Architect.
Architect—Bliss & Faville, Balboa Bldg., San Francisco
Contractor—Lindgren & Swinerton, Inc 622 Standard Oil Bldg., San Francisco. $32,000
NOTE:—Work underway.

DWELLING
(1226) BLOCK BDED BY TWENTY-eighth and 30th Aves., Wawona & Vicente Sts. Two-story and basement frame orphans' dwelling.
Owner—San Francisco Protestant Orphanage, % Architect.
Architect—Bliss & Faville, Balboa Bldg., San Francisco
Contractor—Lindgren & Swinerton Inc, 622 Standard Oil Bldg., San Francisco. $32,000
NOTE:—Work underway.

DWELLING
(1227) BLOCK BDED BY VICENTE and Wawona Sts. 28th and 30th Aves Two-story and basement frame orphans' dwelling.
Owner—San Francisco Protestant Orphanage, % Architect.
Architect—Bliss & Faville. Balboa Bldg., San Francisco
Contractor—Lindgren & Swinerton Inc. 622 Standard Oil Bldg., San Francisco. $32,000
NOTE:—Work underway.

(1228) BLOCK BDED BY TWENTY-eighth and 30th Aves. Vicente and Wawona Sts. Two-story and basement frame orphans' dwelling.
Owner—San Francisco Protestant Orphanage, % Architect
Architect—Bliss & Faville, Balboa Bldg., San Francisco
Contractor—Lindgren & Swinerton Inc, 622 Standard Oil Bldg., San Francisco. $32,000
NOTE:—Work underway.

DWELLING
(1229) BLOCK BDED BY TWENTY-eighth and 30th Aves., Vicente and Wawona Sts. Two-story and basement frame orphans' dwelling.
Owner—San Francisco Protestant Orphanage, % Architect.
Architect—Bliss & Faville, Balboa Bldg., San Francisco
Contractor—Lindgren & Swinerton Inc, 622 Standard Oil Bldg., San Francisco. $36,000
NOTE:—Work underway.

DWELLING
(1230) BLOCK BDED BY TWENTY-eighth and 30th Aves, Vicente & Wawona Sts. Two-story and basement frame orphans' dwelling.
Owner—San Francisco Protestant Orphanage, % Architect.
Architect—Bliss & Faville, Balboa Bldg., San Francisco
Contractor—Lindgren & Swinerton Inc, 622 Standard Oil Bldg., San Francisco. $36,000
NOTE:—Work underway.

DWELLINGS
(1231) N JOOST AVE 125, 150 and 225 W Baden. Three one-story and basement frame dwellings.
Owner—Albert A. Hemmen, 520 Geary St., San Francisco.
Architect — Gustave Stahlberg, 544 Market St., S. F. $4000 each

SHOP
(1232) SE LANGTON & HARRISON. One-story reinforced concrete shop.
Owner—Merton J. Price, 850 Pacific Bldg., San Francisco.
Architect—Dodge A. Riedy, Pacific Bldg., San Francisco. $8000

DWELLING
(1233) NO. 196 LIPPARD. Three-room dwelling.
Owner—P. Dobkowitz, 196 Lippard St., San Francisco.
Architect—None. $1000

ALTERATIONS
(1234) MARKET AND KEARNY STS. Underpin east wall to depth of 5 ft. with brick, 6 ft. wide
Owner — M. H. DeYoung, Chronicle Bldg., San Francisco.
Architect — Weeks & Day, Chronicle Bldg., San Francisco.
Contractor—D. Sullivan, 1940 Folsom St., San Francisco. $4200

DWELLING
(1235) W MUNICH 126 S Cordova. One-story and basement frame dwelling.
Owner—J. Rudolph, 84 Cordova St., San Francisco.
Architect—None.
Contractor—C Lindberg, 257 Surrey St., San Francisco. $4425

DWELLING
(1236) W POTRERO AVE 29 and 54 N 26th. Two two-story and basement frame dwelling.
Owner—San Francisco Home Bldg. Co., 2565 Mission St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 1st Nat'l. Bank Bldg., S. F. $4000 ea

GARAGE
(1237) N. 1553 CANCHEZ One-story concrete private garage.
Owner—John Linden. Premises.
Architect—None.
Contractor—D. S. Christensen, 1559 Grove St., San Francisco. $1200

DWELLING
(1238) E SAN JOSE AVE 434 and 462 N Ocean Ave| Two one-story and basement frame dwellings.
Owner—Wessendunk & Sons, 1747 Dolores St., San Francisco.
Architect—A. A. Wesendunk, 1747 Dolores St., San Francisco.
Contractor — A. Wesendunk & Sons, 1747 Dolores St., S. F. $3900 each

WAREHOUSE
(1239) SOUTH PARK OR Tabor 149 E Third St. Part one and two-story concrete warehouse.
Owner—J. J. Weier & Co., 107 Stillman St., San Francisco.
Architect—None.
Contractor—J. A. Bryant, 185 Stevenson St., San Francisco. $6500

REPAIRS
(1240) SE SIXTH AND STEVENSON Sts. Repair plaster walls, ceilings, etc., install plate glass for restaurant.
Owner—J. S. Sherman, Olympic Club., San Francisco.
Architect—None.
Contractor—Ira W. Coburn, 712 Hearst Bldg., S. F. $1183.

DWELLING
(1241) N TWENTIETH 75 W Potrero. 1-story and basement frame dwlg.
Owner—San Francisco Home Building Co., 2565 Mission St., S. F.
Architect—None
Contractor—Meyer Bros., 603 First National Bank Bldg., S. F. $3000

FLATS
(1242) NW TWENTIETH AND Potrero Ave. Two-story and basement frame (2) flats.
Owner—San Francisco Home Building Co., 2565 Mission St., S. F.
Architect—None.
Contractor—Meyer Bros., 603 First National Bank Bldg., S. F. $6000

(1243) W TWENTY-FOURTH AVE. 150 S Cabrillo 2-story and basement frame (2) flats.
Owner—W. Fauser, 3751 17th St., S. F.
Architect—None.
Contractor—John V. Stiefel, 184 23rd St., S. F. $9000

DWELLING
(1244) W THIRTY-SIXTH AVE. 100 N Irving. 1-story and basement frame dwlg.
Owner—John E. and Ethel M. McCarthy, 1479 12th Ave., S. F.
Architect—None.
Contractor—John E. McCarthy, 1479 12th Ave., S. F. $3000

APARTMENTS
(1245) NE LOMBARD AND FRANKlin Sts. 3-story and basement frame (9) apartments.
Owner—G. A. Metcalf, 825 Monadnock Bldg., S. F.
Architect—J. C. Hladik, Monadnock Bldg., S. F. $18000

DWELLINGS
(1246) W TWENTY-NINTH AVE. 225, 250 S Geary. Two 1-story and basement frame dwlgs.
Owner—E. A. Janssen, Hearst Bldg., San Francisco.
Architect—None. $4000 each.

DWELLING
(1247) E COLLINS 171-8 N Geary. 1-story and basement frame dwlg.
Owner—E. A. Janssen, Hearst Bldg., San Francisco.
Architect—None. $4000

WOOD PILING ETC.
(1248) NW BATTERY & SACRAMENto W 275 x N 119-6. Wood piling, excavating, shoring, pumping for 7-story class A office bldg.
Owner—Federal Reserve Bank of S. F.
Architect—George W. Kelham, Sharon Bldg., San Francisco.
Contractor—M. B. McGowan, 180 Jessie St., San Francisco.
Filed Mar. 18, 1924. Dated Mar. 18, 1924.
10th each month 75%
Usual 35 days 25%
TOTAL COST, $21,987
Bond, $10,994; Sureties, Fidelity & Deposit Co.; Forfeit, none; Limit, 65 days
Plans and specifications filed.

APT. HOUSE
(1249) E TAYLOR 62-6 N Clay N 30 x E 97. All work for 3-story & basement reinforced concrete apartment house.
Owner—Angelo & Arthur Podesta, 1349 Grant Ave., San Francisco.
Architect — C. H. Barrett, 342 Grant Ave., San Francisco.
Contractor—G. Pasqualetti, 2330 Larkin St., San Francisco.
Filed Mar. 18, 1924. Dated Mar. 17, 1924.
1st 2 stories up $5550
Rough concrete up to roof.... 5550
Ready for plastering 5550
Completed and accepted..... 5550
Usual 35 days 9250
TOTAL COST, $37,000
Bond, $18,500; Sureties, A. Laiolo and E. Devincenzi; Forfeit, Limit, none; Plans and specifications filed.
NOTE—Permit reported March 11, 1924.

RESIDENCE
(1250) SE TARAVAL & TWENTY-second Ave. S 33-4 x E 120. All work for 1-story and basement frame residence.
Owner—Zorka Stich, 1442 Taraval, San Francisco.
Architect—Charles F. Strothoff, 2274 15th St., San Francisco.
Contractor—Halsen & Sloblom, 37 Fair Ave., San Francisco.
Filed Mar. 18, 1924. Dated Mar. 17, 1924.
Frame up & roof sheathing on $2100
Brown coated 2100
Completed and accepted..... 2100
Usual 35 days 2100
TOTAL COST, $8400
Bond, $4200; Sureties, Hartford Accident & Indemnity Co.; Forfeit, Limit, None; Plans and specifications filed.

HOTEL ANNEX
(1251) S POST 50 E Taylor 40 x 75. All work for 5-story class C bldg. (annex to hotel).
Owner—Francis & Maria McAllister.
Architect—Wm. F. Gunnison, 57 Post St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Filed Mar. 18, 1924. Dated Mar. 7, 1924.
1st & 15th each month 75%
Usual 35 days 25%
TOTAL COST, $47,500
Bond, Forfeit, none; Limit, Aug. 15, 1924; Plans and specifications, none.

HOSPITAL
(1252) SE JACKSON & TRENTON E 88-5 x S 87-6. All work for 4-story and basement class C hospital bldg
Owner—Chinese Hospital Assn.
Architect—A. J. Coffey, Humboldt Bk. Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Filed Mar. 18, 1924. Dated Mar. 18, 1924.
1st each month 75%
Usual 35 days 25%
TOTAL COST, $146,206
Bond, $73,103; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, $15; Limit, 180 days; Plans and specifications filed.

APARTMENTS
(1253) 30 ON BUCHANAN AND MAGnolia 30 on Buchanan by 80. All work for two-story and basement frame apartment building.
Owner—Frank J. and Rose Krejcik, 959 Oak St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Magnuson & Peterson, 175 Vasquez Ave., San Francisco.
Filed Mar. 18, '24. Dated Mar. 15, '24.
Enclosed and roof on.....$4312.50
Brown coated 4312.50
Completed and accepted..... 4312.50
Usual 35 days..... 4312.50
TOTAL COST, $17,250.00
Bond, $8625. Sureties, Chas. Monson & Albin Wardin. Limit, 90 days after March 17. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported Mar 18, 1924 No. 1194.

ALTERATIONS
(1254) NO. 241 BATTERY. Remodel portion of basement and erect partitions for dark room.
Owner—Eastman Kodak Co., Premises
Architect—None.
Contractor—G. N. Fulton Co., 30 Jessie St., San Francisco. $1000

DWELLING
(1255) SE DEWEY BLVD. & KENsington. One-story and basement frame dwelling.
Owner—Chas. J. U. Koenig, 520 Church St., San Francisco.
Plans by Owner. $7000

DWELLINGS
(1256) W GIRARD 150, 175 and 200 S Olmstead. Three one-story and basement frame dwellings.
Owner—Joseph S. Fratessa, 896 Girard St., San Francisco.
Architect—None. $4000 each

RESIDENCE
(1257) S VALLEJO 120 W Franklin. One-story and basement brick and hollow tile residence.
Owner—A. F. Brooks, 1717 Vallejo St., San Francisco.
Architect—W. E. Huson, Chronicle Bldg., San Francisco. $3500

SHOP
(1258) S FIFTEENTH 100 E Hampshire. One-story concrete and frame paint shop.
Owner — Mr. Rebolini, 187 Hampshire st., San Francisco.
San Francisco.
Contractor—Stone & Gernetti, 187 Gernetti, 187 Hampshire St., San Francisco. $1975

DWELLINGS
(1259) W THIRTY-FIFTH AVE 100, 125, 150 and 175 N Ulloa. Four one-story and basement frame dwellings.
Owner — Parkside Realty Co., 617 Crocker Bldg., S. F.
Architect—Chas. F. Strothoff, 2274 15th St, San Francisco. $4000 each

DWELLING
(1260) NW FORTY-FOURTH AVE & Cabrillo. One-story and basement frame dwelling.
Owner—Meyer Bros., 603 1st National Bank Bldg., San Francisco.
Architect—None. $4000

DWELLING
(1261) NE FORTY-FIFTH AVE AND Cabrillo. One-story and basement frame dwelling.
Owner—Meyer Bros., 603 1st National Bank Bldg., San Francisco.
Architect—None. $4000

ALTERATIONS
(1262) 951 MARKET STREET. Remove stairway to 2nd floor; construct fireproof elevator shaft and install elevator and new stairs.
Owner—Strand Theatre & Realty Co., care of architects.
Architect—Bernard J. Joseph, Room 522, 74 New Montgomery St., S. F. $5500

DWELLING
(1263) W GIRARD 75 N WILDE. 1-story and basement frame dwlg.
Owner—Paul Kopfer, 6 Delta Ave.,San Francisco.
Architect—None. $3000

APARTMENTS
(1264) W TWENTY-SEVENTH AVE 250 S Lake S 25 x W 120. All work for 2-story and basement frame bldg. (apartments).
Owner—F. L. Houpt, 315 Montgomery St., S. F.
Architect—None.
Contractor—Klaus Adler, 493 22nd Ave. San Francisco.
Filed Mar. 19, 1924 Dated Nov. 22, 1923.
Roof on $3312.50
Brown coated 3312.50
Completed and accepted 3187.50
Usual 35 days 3312.50
TOTAL COST, $13,125
Bond, Sureties, Forfeit, none. Limit, 90 days. Plans and Specifications not filed.
NOTE—Permit reported Nov. 24, 1923

CARPENTRY, ETC.
(1265) N GEARY BET. 8TH AND 9TH Aves All work for rough and finish carpentry, flooring, mill work and stair work for Star of the Sea Rectory.
Owner—The Roman Catholic Archbishop of S. F., 1100 Franklin St., San Francisco.
Architect—John O. Lofquist, 1399 Tamalpais, Berkeley.
Contractor—Andrew Lynch, 180 Jessie St., S. F.
Filed Mar. 19, 1924. Dated Mar. 19, 1924.
1st of each month 75%
Usual 35 days 25%
TOTAL COST, $16,934
Bond, $16934 Sureties, Fidelity and Deposit Co. of Md. Forfeit, Limit, none. Plans and Specifications filed.

DWELLING
(1266) W TWENTY-THIRD AVE. 235 N Kirkham N 25 x W 100. All work for 1-story and basement frame dwelling.
Owner—J. H. Brown, 52 6th St., S. F.
Architect—None.
Contractor — Meyer Bros., First National Bank Bldg., S. F.
Filed Mar. 19, 1924. Dated Feb. 13, 1924.
Roof & side sheathing on....$1328.
Brown coated ..... 1328.
Completed ..... 1328.
Usual 35 days ..... 1328.
TOTAL COST, $5312.
Bond, $2656. Sureties, Anna Meyer. Forfeit, none. Limit, 90 days. Plans and Specifications not filed.
NOTE—Permit reported Feb 27, 1924, No. 828.

ADDITION
(1267) W POWELL 57-6 N BUSH N 20 x W 60. All work for concrete work for bldg. (addition to apts).
Owner—Mrs. W. J. Loller, 2820 Scott St., S. F.
Architect—None.
Contractor—Richard J. H. Forbes, Monadnock Bldg., S. F.
Filed Mar. 19, 1924. Dated Mar. 17, 1924.
1st & 15th each month.....75%
Usual 35 days 25%
TOTAL COST, $4000
Bond, $4000. Sureties, John Casaretto and Minnie C. Forbes. Forfeit, $20. Limit 75 days. Plans and Specifications not filed.
NOTE—Permit reported Dec. 13, 1923, No. 4581.

GARAGE
(1268) E STOCKTON 59-6¼ S Pacific S 53-5⅞ E 100 S 25 E 37-6 N 137-6 W 47-6 S 59-0⅛ W 90 All work for concrete work 2-story, reinforced concrete bldg. (public garage).
Owner—G. B. Antonini, M. J. Capelli, S. Ratto, T. Morlini and T. Canepa, 987 Filbert St., S. F.
Architect — Matthew O'Brien, Nevada Bank Bldg., S. F.
Contractor—J. Spargo, Russ Bldg, S. F
Filed Mar. 19, 1924. Dated Mar. 18, 1924.
1st & 15th each month 75%
Usual 35 days 25%
TOTAL COST, $34,000
Bond, $17,000. Sureties, John Hayden and E. H. Peterson. Forfeit, $20. Limit, 60 days. Plans and Specifications filed.
NOTE—Permit reported Feb. 29, 1924 No. 835.

APARTMENTS
(1269) W FIFTEENTH AVE. 203-5 S Geary. All work for 2-story and basement frame apartment bldg.
Owner—Jos. Kohlbecher, 283 4th St., Sn Francisco.
Architect—F. G. Munk, Jr., 58 Francis St., S. F.
Contractor—Mangels Bros., 4792 Mission St., S. F.
Filed Mar. 19, 1924. Dated Mar. 12, 1924
Frame up $5222.50
Brown coated 5222.50
Completed 5222.50
Usual 35 days 5222.50
TOTAL COST, $20,890
Bond, Sureties, none. Forfeit, $3.00. Limit, 120 days. Plans and Specifications filed.

RESIDENCE
(1270) N CAMINO DEL MAR 170.894 from Station No. 2, Sub. 3, Sea Cliff NE 45.018 N 29° 50" 10' W 174.17° S 64° 26' W 35 S 26° 33' 25' E 176.237. All work except heating for 2-story & basement frame residence.
Owner—Antionette G. Freese, 625 Powell St., S. F.
Architect—Earle B. Bertz, 168 Sutter St., S. F.
Contractor—Allen & Co., 168 Sutter St., San Francisco.
Filed Mar. 19, 1924. Dated Mar. 14, 1924.
Ready for roofing $6209.25
Brown coated 6209.25
Completed and accepted 6209.25
Usual 35 days 6209.25
TOTAL COST, $24,937
Bond, Sureties, Forfeit, none. Limit, 150 days. Plans and Specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
Mar. 13, 1924—N SEVENTEENTH 191 E Church. Rose L Jacobs to Albert Bernhardt.....Mar. 12, 1924
Mar. 13, 1924—N OAK 247-3 W Van Ness Ave W 63-9xN 120. Young Men's Institute Hall Ass'n to California Marble Co.....Mar. 6, 1924
Mar. 13, 1924—NW JACKSON AND Laguna W 55xN 127-8¼. Joseph E Levin to Watts Elec Co.Mar. 7, '24
Mar. 13, 1924—W FORTY-SIXTH AV 50 S Cabrillo S 25xW 95. Elmer H Berryman to Meyer Bros.....
.....March 8, 1924
Mar. 13, 1924—E FORTY-SEVENTH Ave 275 S Cabrillo S 50xE 120. Jonathan Anderson to Meyer Bros
.....Feb. 13, 1924
Mar. 13, 1924—W FORTY-SIXTH AV 75 S Cabrillo S 25xW 95. Gustave Moeller Jr to Meyer Bros.....
.....Mar. 8, 1924
Mar. 13, 1924—SW HOWARD & ERIE W 112-6 S 75 W 25 S 10 W 25 S 30-4⅛ E 152-7½ N 115-11. Siegen Realty Co to H L Petersen.....
.....March 12, 1924
Mar. 12, 1924—S JACKSON 124-3 E Franklin E 56-3xS 127-8¼. Egdar H Brownstone, J R Kissel to Matt V Brady.....Mar. 10, 1924
Mar. 12, 1924—SW GUTTENBERG 25-6 N Brunswick. Voctor Bjorkman to whom it may concern...
Mar. 12, 1924—S UNION 137-6 W Powell. Charles Debentdette to Fraccina & Rosina.....Mar. 10, 1924
Mar. 12, 1924—BDED BY JESSIE, Ecker and Mission. Lucy H and Edith W Allyne to Chas Stockholm & Sons.....Feb. 26, 1924
Mar. 12, 1924—W ALABAMA 182 N Twenty-third 26x100. Leon G and Irene M Thomas to W G Zupar....
.....Mar. 3, 1924
Mar. 12, 1924—SE FRANCISCO AND Franklin 40x127-6. Olga Barbero to John Harden.....Mar. 7, 1924
Mar. 14, 1924—N JESSIE 75 W Fourth W 25xN 75. Jas D Costigan to Mission Concrete Co.....Mar. 8, 1924

Mar. 14, 1924—NW LOUISIANA AND Twenty-third N 433 W 200 S 416-5 S 64° 15' E 30 m or l th 175 to beg. Pacific Gas & Electric Co to C C Moore & Co. Engineers. Mar. 13, 1924

Mar. 14, 1924—E KEARNY 82 S Sacramento E 62-6 N 82 E 64 m or l S 137-6 m or l W 1-6 S 137-6 W 62-6 m or l N 50-10½ W 62-6 N 142-1½ to beg. Realty & Rebuilding Co to Knittle Cashel Co.....Mar 12, 1924

Mar. 14, 1924—N GREENWICH 139-6⅝ W Grant W 20-5⅜ N 90 E 20 S 30 E 0-0¼ S to beg. Pio Cecchi to J O'Hair.....Mar. 8, 1924

Mar. 14, 1924—N FULTON 82-6 W Twenty-first Ave. Chas W Johnson and Hjalmar Anderson to Johnson & Anderson...Mar. 14, 1924

Mar. 14, 1924—NE GIRARD 100 NW Wayland NW 25xNE 100. Samuel Saari to whom it may concern.. .....Mar. 13, 1924

Mar. 14, 1924—W THIRTY-FOURTH Ave 60 S Cabrillo S 38xW 90. Robt Craigmile to David Leigh.....

.....Mar. 12, 1924

Mar. 14, 1924—S STAPLES 441-8 E Edna E 33-4xS 112-6 Ptn Blk 30, Sunnyside. George B Lewis to whom it may concern..Feb. 29, 1924

Mar. 14, 1924—N RICHLAND AVE 750 E Murray 25x100. Wm H Dowd to whom it may concern..Mar. 14, '24

Mra. 14, 1924—SE HYDE & GREENwich W 32xS 40. O B Martin to James H Pinkerton Co..Mar. 13, 1924

Mar. 14, 1924—NO. 367 CHENERY. Mrs. Theresa Cassidy to Henry Erickson.....Mar 12, 1924

Mar 15, 1924—E THIRTY-EIGHTH Ave 200-4 S Balboa S 75xE 120. Fridolf Anderson to whom it may concern.....Mar. 14, 1924

Mar. 15, 1924—SE MARKET bet. 5th and 6th No. 979-983-987 and 989 Market. Lesser Realty & Invst Co to whom it may concern.Mar. 11, '24

Mar. 15, 1924—SE SAN PABLO AVE and Santa Monica Way being Lot 20 Blk 25, St Francis Wood Extn No. 2. W F Remensperger to Meyer Bros.....Mar 14, 1924

Mar. 15, 1924—LOTS 13 AND 17 BLK 2984, Merritt Terrace. Emil Nelson to whom it may concern.....

.....Mar. 15, 1924

Mar. 15, 1924—S PACIFIC AVE 180 E Laurel E 42-6xS 127-8¼. Nathan Moran to A F Mattock and A H Feasey.....Mar. 14, 1924

Mar. 15, 1924—NW MARKET 700 NE Marshall Square NE 75xNW 100. Nathan L and Wm W Lester to Samuel E Davis.....Mar. 7, 1924

Mar. 15, 1924—NO. 253 GEARY. Frank Werner Co to The Fink & Schindler Co.....Mar. 13, 1924

Mar. 15, 1924—NE TWENTIETH AV and Kirkham 25x95 on Kirkham. Charles and Christian Anderson to whom it may concern...Mar. 14, 1924

March 17, 1924—W TWENTY-THIRD Ave. 150 S Taraval. Halsen & Siolhom to whom it may concern.

.....March 17, 1924

March 17, 1924—W EIGHTH AVE. 175 S Judah. Bridget Lowry to A. L Thulin .....March 17, 1924

March 17, 1924—N ANZA 107-6 W 19th Ave Theresa and John Frustuk to whom it may concern.. .....March 17, 1924

March 17, 1924—547, 549 19TH AVE. Chas. P. Boyson to whom it may concern .....March 17, 1924

March 17, 1924—LOT 11 BLK. 6468 B. Harder and Dannienis Mission Tp. Victor Holmgren to whom it may concern .....March 14, 1924.

March 17, 1924—LOT 27 BLK. 8 Crocker Amazon Tract. Frank C. Grisez to whom it may concern.. .....March 15, 1924

March 17, 1924—W SANSOME 46-10⅞ m or l N Sutter N 91-6 x W 122-9 The Anglo & London Paris Nat'l. Bank of S. F. to American Marble & Mosaic Co. .....March 10, 1924

March 17, 1924—SE CASTRO & 20TH S 51-6 N 51-6 W 105. S. V. Baumsteiger to whom it may concern.. .....March 1, 1924

March 17, 1924—N NORIEGA 57-6 W 18th Ave. N 160 x W 25. R. N. Gibson to whom it may concern.. .....March 17, 1924

March 17, 1924—E FOURTH AVE. 85 N California 27-6 x 57-6 NE California and 4th Ave. 57-6 x 85. I. Epp to whom it may concern.. .....March 17, 1924

March 18, 1924—S GREEN 161 E Larkin 22-11 x 77-6. Guiseppe Marino to F. S. Damante. Mar. 18, '24

March 18, 1924—S ANZA 90 W 39TH Ave. 75 x 100, 3819, 3825 and 3831 Anza. Otto Anderson to whom it may concern.....Mar. 18, 1924

March 18, 1924—S WMONTGOMERY and Sutter S 106 x W 160 S Sutter 100 W Montgomery W 125 S 122-6 E 40 S 152-6 E 85 N 275. Real Property Inv. Corp to J. H. Kay Co. .....March 13, 1924

March 18, 1924—SW BATTERY and Commercial 104 on Commercial and 74 on Battery. Federal Reserve Bank of S. F. to Symon Bros .. ..March 10, 1924

March 18, 1924—COMG. 265, 288-9, 312-6, 336-3 S from S Geary on W 28th Ave. run'g from each named pt. 23-9 x W 120. Simon Fraser to Thomas Hamill .....March 17, 1924

Mar. 13, 1924—S HOLLOWAY AVE 75, 100 and 125 E Capitol Ave. John Cunferman to Antone Petersen... .....Mar. 12, 1924

Mar. 18, 1921—LOT 25 and Ptn Lot 24 Blk 19, St. Francis Wood. Hans and Violet Brett to Christiansen Bros.....Mar. 17, 1924

Mar. 18, 1924—E ASHTON AVE 225 N Holloway Ave 25x112-6. J Preston to whom it may concern.Mar. 18, '24

Mar. 18, 1924—S BAY 150-9 E Franklin S 137-6xE 25. Vincent & Grace Dito to John Harder...Mar 16, 1924

Mar. 18, 1924—PTN LOTS 1, 2, 3, 4 and 6 Blk P Mission Terrace; Ptn Lots 6 and 7 Blk P, Mission Terrace. Amanda A Olsen to whom it may concern.....Mar. 18, 1924

Mar. 18, 1924—SW HYDE & GREENwich W 32xS 40. O B Martin to James F Smith and A McLeod & Co.....Mar. 14, 1924

Mar. 18, 1924—W SECOND AVE 28-11⅞ S Cabrillo S 29xW 90. P J Thelan to whom it may concern .....Mar. 1, 1924

Mar. 18, 1924—E TWENTY-FIFTH Ave 25 and 50 N Fulton 25x82-6. Bryan Foerick to whom it may concern.....Mar. 14, 1924

March 19, 1924—N ANZA 32-6 W 43rd Ave. 25 x 75. C. B. Rivers to whom it may concern..Mar. 19, 1924

March 19, 1924—N Rolph 55 W MUNich 25 x 100. Mrs. Lela Smith to Bud Herrington.....March 18, 1924

March 19, 1924—E POWELL 96-6 N Sutter running th alg E Powell N 54th x E 85-3 Pt 50 x 314. Chalmherlain & Proctor Coptn to Barret & Hilp .....Dec. 31, 1923

Mar. 19, 1924—E PLYMOUTH AVE 250 N Grafton Ave N 25xE 112-6; Lot 16 Blk 5, Lakeview. Alice V and Ralph W Scott to L G Crichton and H A Dilks.....Mar. 15, 1924

Mar. 19, 1924—N CHESTNUT 165-6 W Polk 27x137-6. John P Matthew to whom it ma yconcern.....

Mar. 19 1924—S DE MONTFORD AV 25 E Faxon Ave E 25xS 100; Lot 27 Blk 15, Lakeview. The McCarthy Co to James Arnott & Son.....

.....March 18, 1924

Mar. 19, 1924—W FORTY-SIXTH AV 292-6 S Balboa S 55xW 120. John O'Connor to Wm Costello. Mar. 17, '24

Mar. 19, 1924—LOT 9 BLK 6441 Crocker Amazon Tract Sub 2; Lot 7 Blk "P" Addn to Castro St Addn and Glen Park Terrace. Crocker Estate Co to whom it may concern .....March 11, 1924

Mar. 19, 1924—E RAILROAD AVE 388 N Bay Shore Ave N 32xE 100 Ptn Blk 11, Crocker Bay Shore Tct. Crocker Estate Co to whom it may concern.....Mar. 11, 1924

Mar. 19, 1924—LOT 15 Blk 16, Crocker Amazon Tract. Crocker Estate Co to whom it may concern.....

.....March 11, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded		Amount
Mar. 12, 1924—S TURK 187-6 W Taylor W 87-6xS 137-6. Michel & Pfeffer Iron Works vs Thomas McDougall and Atlas Concrete Co.		$950
Mar. 12, 1924—SE LINCOLN WAY & 35th Ave E 25xS 102-6. Monihan & Slavin vs J C and Florence E Gibson		$258.50
Mar. 12, 1924—S TURK 187-6 W Taylor W 87-6xS 137-6; Monihan & Slavin, $9345; Raphael Zelinsky, $4784.36; Anderson Bros Planing Mills & Mfg Co, $3901.50; Geary Floor Co, $2650; S Perrano, $840 vs Thos McDougall, A E Smith, J S Fennell, R A Chisholm and J E Fennell (as Atlas Concrete Co).		
Mar. 13, 1924—S TURK 187-6 W Taylor W 87-6xS 137-6. Severin Elec Co vs Thomas McDougall		$750
Mar. 12, 1924—N GEARY 62-6 W Jones W alg N Geary 50xN 137-6 E 25 S 50 E 25 S 87-6 to N Geary and point of beg. Pt N 50 V B 282. Atlas Mortar Co vs W W Hayes and Leon Grivel (as Hayes & Grivel, and M L Rose, M L Rose Co and R H Ryan		$155.30
Mar. 12, 1924—S TURK 187-6 W Taylor W 87-6xS 137-6. Joost Bros vs J F Fennell, R A Chisholm and J E Fennell (as Atlas Concrete Co)		$511
Mar. 14, 1924—S TURK 187-6 W Taylor W 87-6xS 137-6. Atlas Elec Co vs Thomas and Geneva S McDougall		$1042
Mar. 14, 1924—S TURK 187-6 W Taylor W 87-6x137-6. Marshall & Stearns Co vs Atlas Concrete Co.		$903
Mar. 14, 1924—STAPLES AV, Hearst Ave and Sunnyside Blvd. S Goldberg vs Sunset Bldg & Realty Co and Geo B Lewis		$1320
Mar. 14, 1924—S TURK 187-6 W Taylor W 87-6xS 137-6. Peter Bradley vs Thos McDougall, A E Smith and J S Fennell, R A Chisholm and J E Fennell (as Atlas Concrete Co)		$4085
Mar. 14, 1924—E FOERSTER 25 N Hearst Ave E 100 S 25 E 100 N 112-6 W 100 S 62-6 W 100 S 25. Atlas Mortar Co vs John Brymner, Sunset Bldg & Realty Co, Jos and Alma A Plume		$244.25
Mar. 14, 1924—NW OCTAVIA AND Vallejo W 54.03 to pt of beg W 27 xN 125. John L Higgins vs A R Bingham		$150
Mar. 15, 1924—W BAKER 103-1½ S Francisco S 34-4½xW 137-6 E A Garin vs Ida and Aubrey Appleford		$2714.63
Mar. 15, 1924—E FUNSTON AVE 125 SE Geary S 25xE 120. Max Petersen vs Saul and Mary Saslaw and H J Hansen		$84
Mar. 15, 1924—S TURK 187-6 W Taylor W 87-6xS 137-6. Mangrum & Otter, Inc vs Thomas McDougall and Atlas Concrete Co		$622
March 17, 1924—W BAKER 103-1½ S Francisco 34-4½ W 157-6 N 34-4½ to point of beg. Inlaid Floor Company vs. E. A. Garin		$323.50
March 17, 1924—W BAKER 103-1½ S Francisco S alg. W Baker 34-4½ x W 137-6 W A 567. H. Haverkamp vs. Ida and Aubrey Appleford and E. A. Garin		$100.
March 17, 1924—W BAKER 103-1½ S Francisco 34-4½ W 157-6 N 34-4½ to pt. of beg. Inlaid Floor Company vs. E. A. Garin		$323.50
March 17, 1924—W BAKER 103-1½ S Francisco S alg. W Baker 34-4½ x W 137-6. M. M Murphey, $880; Wm. Carberry and James A. Stammers as Carberry & Stammers, $135.50; vs. Ida and Aubrey Appleford and E. A. Garin		
March 17, 1924—S TURK 187-6 W Taylor W 87-6 x S 137-6. T. I. Rutter Co. vs. Atlas Concrete Co., Thomas McDougall, Hib. S. & L. Soc.		$950.00
March 17, 1924—W BAKER 103-1½ S Francisco S 34-4½ x W 137-6. Lowry & Daley vs. Ida & Aubrey Appleford, and E. A. Garin		$264.00
March 17 ,1924—W 44TH AVE. S Clement S 25 x W 120. Shannon & Hegestad vs. Evangeline Velissaratos and A. G. Bennett		
Mar. 18, 1921—E BRANNAN AND Gilbert NE 80xSE 125. Coast Construction Co vs Chas E Phillips Co		$4898.57
March 18, 1924—W BAKER 103-1½ S Francisco S and alg. Baker 34-4½ x W 137-6. Holmes Planing Mill Company, $582.24; Acme Lumber Co., $806.39.; vs. Ida and Aubrey Appleford and E. A. Garin		
March 18, 1924—W BAKER 103-1½ S Francisco S 34-4½ x W 137-6. J. K. Stewart vs. Ida and Aubrey Appleford		$142.00
March 18, 1924—S JACKSON 150 m. or l E Franklin S 60 m. or l. x 100. S. F. Freiling as Clawson Patent Chimney Co vs. R. Kissel and Black Co.		$572.

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

Mar. 13, 1924— E THIRTY-FIFTH Ave 175 N Balboa N 25xE 120. American Trading Co of the Pacific Coast to Edwin and Emma Wittmer and Frank Neubert (as Inlaid Hardwood Co) $47.16

Mar. 13, 1924—E SEVENTEENTH Ave 225 N Geary 25xE 120. American Trading Co of the Pacific Coast to Selma G Thompson and Frank Neubert (as Inlaid Hardwood Co) $67 68

Mar. 14, 1924—W SAN JOSE AVE 28-3 N Elizabeth W 91-10xN 25. Carl Strew to Louis and Helen Koenig .....

Mar. 14, 1924—W SAN JOSE AV 28-3 N Elizabeth 25x91-19 The Greater City Lumber Co to Louis F and Helen Koenig and Carl Strew...

March 17, 1924—W FORTY-FOURTH Ave. 50 S Clement S 25 x W 120. Reinhart Lumber & Planing Mill Co vs. A. G. Bennett and Mrs. C. A. Nellis $121.18

March 17, 1924—W FORTY-FOURTH Ave. 50 S Clement S 25 x W 120. Wm. Wade and Wm. Miller vs. A. G. Bennett, Neil Angus and Mollie Angus .....

March 17, 1924—W LYELL 147-6 m. or l. S Bosworth S 25 x E 120. The Greater City Lumber Co. vs. Ralph Merritt and L. Traven.....

March 17, 1924—E THIRTY-EIGHTH Ave. 25 S Cabrillo S 25 x E 82-6. American Trading Co. of the Pac Coast vs. Charles Hoggaris..$112.05

Mar. 18, 1924—SE BROMPTON 100 SE Chenery SE 112.47 SW 25 NW 111 59 NE 25. Spring Valley Lumber Yard to Antonio and Annie Draga .....

March 19, 1924—E CHERRY 119-6¼ N Washington N 40 x E 117-9. Frank Neubert, Gladding McBean & Co., A. L. Stone, P. L. Zaro, J. P. Hayes & Co., John P. 'Obrien, Pope & Talbot, Palace Hardware Co., The California Door Co., Ano., Joseph Musto Sons-Keenan Co to Helen S. Levy .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
1363	Vore	Owner	5000
1364	Sneed	Soder	1000
1365	Lilja	Owner	2000
1366	Squire	Smith	5000
1367	McPike	Owner	3000
1368	Woodburn	Owner	5000
1369	Leithman	Owner	5000
1370	Flittner	Owner	8000
1371	Calvert	Hunt	4500
1372	Meyer	Hebel	2800
1373	Lazar	Ortzow	2300
1374	Cumming	Ealund	1975
1375	Stone	Owner	2950
1376	Stone	Owner	3950
1377	Madsen	Owner	1500
1378	Gantz	Owner	2000
1379	Pierce	Owner	4500
1380	Oakland	Owner	15970
1381	Nyman	Lunberg	4000
1382	Tollefsen	Owner	3000
1383	Sydes	Owner	2900
1384	Stone	Owner	3950
1385	Corder	Geary	5650
1386	Bd Ed Pied	Hannah	159817
1387	Baker	Owner	5200
1388	Dolan	Owner	5785
1389	Graham	Owner	5790
1390	Sellander	Geary	9200
1391	Ross	Allen	9500
1392	Larmer	Owner	9500
1393	Peppin	Owner	5000
1394	Peppin	Owner	5000
1395	Roeth	McCullough	7000
1396	Furlong	Furlong	5800
1397	Anderson	Owner	4000
1398	Brudick	Short	6000
1399	Waddell	Owner	5500
1400	Myers	Owner	5500
1401	Werner	Owner	2500
1402	Kincaid	Crane	5000
1403	de Normandie	Martin	3800
1404	Engler	Owner	8000
1405	Harder	Owner	2200
1406	Plummer	Owner	6000
1407	Kauffman	Bischoff	12000
1408	Federal	Black	7000
1409	McLean	Owner	4000
1410	Barnes	Calif.	2000
1411	MacKutosh	Campbell	2000
1412	Betz	Owner	4000
1413	Milaceh	Reed	5500
1414	Saroni	Pond	3200
1415	McCord	Owner	2400
1416	McCord	Owner	2400
1417	Knox	Field	5000
1418	Ranckel	Moulton	2500
1419	Addison	Owner	2500
1420	Dreyer	Morgensen	6000
1421	McCord	Owner	2450
1422	Mullen	Newhy	4500
1423	Bowser	Owner	2000
1424	Pfrang	Owner	12000
1425	Pfrang	Owner	10000
1426	Benzinger	Owner	1000
1427	Bennett	Owen	4000
1428	Kan	Maganini	24800
1429	Brown	Owner	3000
1430	Saroni	Owner	3200
1431	Stienne	Shipman	3250
1432	Saroni	Pond	3200
1433	Lobin	Cushman	3200
1434	Oakland	Lawton	66100
1435	McEnerny	Button	11672
1436	Oakland	Lawton	66700
1437	McEneany	Button	11672
1438	Sweet	Owner	4500
1439	Coward	Owner	5500
1440	Chambers	Peters	2200
1441	Fartcls	Hanson	5000
1442	Simon	Spek	2500
1443	Hertzberg	Langtry	7000
1444	Nelson	Ihrke	5000
1445	Lee	Owner	4500
1446	East Bay	Schrader	1400
1447	Savino	Owner	1200
1448	Doyle	Speck	1000
1449	Sargent	Lankin	2950
1450	Beaudry	Allen	3000
1451	Cerutti	Helms	23075
1452	Morris	Woodward	3000
1453	Hansen	Pinkerton	7000
1454	Marliave	White	5000
1455	Beck	Griffith	2800
1456	Young	Henderson	4250
1457	Pavert	Owner	4500
1458	Pavrt	Okner	7900
1459	Pavert	Owner	13050
1460	Pavert	Owner	4975
1461	Owens	Owner	3500
1462	McGuinness	Owner	3000
1463	Turner	Owner	5000
1464	Broderick	Long	5250
1465	Bigelow	Owner	3500
1466	Marston	Johnson	9000
1467	Alameda	Owner	150000
1468	Canant	Owner	11000
1469	Camp	Owner	2500
1470	Glantz	Owner	6000
1471	Hughes	Owner	3500
1472	Mentz	Davis	6000
1473	Horton	Nickerson	1800
1474	Upton	Zeruck	2971
1475	Rhonda	Van Ness	3400
1476	Agrella	Owner	7000
1477	Lee	Graham	3500
1478	Kleen	Owner	4800
1479	Lassen	Lassen & Shields	6000
1480	Fisher	Owner	2000
1481	Fasse	Travis	4500
1482	Ferretta	Owner	2000
1483	Steiner	Meyer	6000
1484	Rosas	Gow	1000
1485	Tepley	Dinesen	6750
1486	Taschi	Bruck	5000
1487	Erickson	Cederburg	7500
1488	Kretz	Nittler	3600
1489	Nicholson	Jensen	4000
1490	Maiden	Westlund	3300
1491	Anderson	Patrick	10000
1492	Fitch	Masow	1500
1493	Brazier	Owner	4900
1494	Howard	Howard	4250
1495	Murphy	Owner	3500
1496	Foote	Robie	2050
1497	Walton	Borden	2700
1498	Hedman	Owner	4500
1499	Karn	Karn	14000
1500	Buttz	Zappetini	17000
1501	De Jong	Owner	5000
1502	Fennelly	Owner	3700
1503	Cerutti	Helms	11500
1504	Clark	Colguhoun	1000
1505	Meader	Owner	5500
1506	Sall	Owner	6000
1507	Pereira	Dutra	1000
1508	Amarella	Allen	1400
1509	Doran	Owner	6000
1510	Oakland	McDonald	100000
1511	Carnira	Chapton	12500
1512	Dapp	Calif. Bld.	10000
1513	Ellis	Buttler	16000
1514	Freitas	Coburn	1000
1515	Smith	Knight	16000
1516	Chiesa	Marenge	4000
1517	Chiesa	Marenge	2000
1518	Cahauette	Griffith	2500
1519	Kepple	Owner	3950
1520	Kearney	Thompson	1250
1521	Chauquet	Hambleton	10940
1523	Johnson	Sigge	11000
1522	Marquis	Owner	6000
1524	Johnson	Butzke	4000
1525	Lauren	Owner	2000
1526	Stock	Atkinson	1200
1527	Manang	Nibel	3500
1528	Dieden	Stocker	4000
1529	Marlott	Owner	1000
1530	Eiter	Andreson	5400
1531	Hilton	Chew	3800
1532	Younkin	Allen	2700
1533	Gaidos	Malick	1800
1534	Nichols	Owner	3500
1535	Nichols	Owner	3500
1536	Dover	Owner	3500
1537	Bisdorff	Ilmanen	1600
1538	Reeves	Owner	6000
1539	Peterson	Steffen	3000
1540	Peppin	Owner	3200
1541	Peppin	Owner	3500
1542	Peppin	Owner	14400
1543	Peppin	Owner	15600
1544	Anderson	Burch	2500
1545	McKallor	Owner	3000
1546	Marshall	Owner	7000
1547	Wightman	Owner	2400
1548.	Kick	Owner	2500
1549	Hahenfeld	Miller	1000
1550	Admiral	Owner	3500
1551	Whitaker	Duval	7200

DWELLING

(1363) NO. 1523 CAPISTRANO, Berkeley One and one-half-story 7-room dwelling.
Owner—G. Harry Vore, 4221 West St., Oakland.
Architect—None. $5000

STUDIO

(1364) NO. 61 PANORAMIC WAY, Berkeley. Studio.
Owner—Mrs. Anna H. Sneed, Premises
Architect—None.
Contractor—Oscar Soder, 2438 Ashby Ave., Berkeley. $1000

DWELLING

(1365) NO. 2239 CURTIS ST., Berkeley One-story 5-room dwelling.
Owner—O. Lilja, 1014 Pardee St, Berkeley.
Architect—None. $2000

DWELLING

(1366) NO. 1924 LOS ANGELES ST., Berkeley. Two-story 6-room dwlg.
Owner—Mrs. Mae Squire, Richmond.
Architect—None.
Contractor—J. Harry Smith, 508 Lexington St., Berkeley. $5000

DWELLING

(1367) SE COR BARTLETT & LYNDE Oakland. 1-story 5-room dwelling.
Owner—A. McPike, 1825 Fruitvale Ave Oakland.
Architect—None. $3000

DWELLING

(1368) 1118 CLARENDON CRESCENT Oakland. 1-story 7-room dwelling.
Owner—P. E. Woodburn, 624 Prospect Ave., Oakland.
Architect—None. $5000

DWELLING

(1369) 3701-01 W FRUITVALE AVE., Oakland. 1-story 6-room dwelling.
Owner—J. A. Leithman, 3707 Peralta Ave., Oakland.
Architect—None. $5000

DWELLINGS

(1370) 3228 & 3232 GALINDO ST Oakland. Two 1-story 6-room dwlgs.
Owner—Jos. Flittner, 1700 35th Ave., Oakland.
Architect—None. $4000 each

DWELLING

(1371) S HAMPEL ST. 50 E Elston Oakland. 1-story 5-room dwelling.
Owner—Mrs. Helen Calvert 3737 Emerson, Oakland.
Architect—None.
Contractor—Hugh H. Hunt, 3827 Emerson, Oakland. $4500

DWELLING

(1372) W LINCOLN AVE. 150 N Damuth, Oakland. 1-story 4-room dwelling.
Owner — Ernest Meyer, 3727 Lincoln Ave., Oakland.
Architect—None.
Contractor — A. Hebel, Whittle Ave., Oakland. $2800

STABLE

(1373) 430 MADISON ST., Oakland. 1-story tile stable.
Owner—J. Lazar, premises.
Architect—None.
Contractor—A. Ortzow, 3929 West St., Oakland. $2300

DWELLING
(1374) 2757 PLEASANT ST., Oakland. 1-story 3-room dwelling.
Owner—Mr. & Mrs. C. J. Cumming, 2325 Ransome Ave.| Oakland.
Architect—None.
Contractor—E. H. Edlund, 4154 Penniman Ave., Oakland. $1975

DWELLING
(1375) SE COR ROYAL ANN AND Hortense, Oakland. 1-story 4-room dwelling.
Owner—E. B. & A. L. Stone.
Architect—None. $2950

DWELLING
(1376) E ROYAL ANN 118 S Apricot, Oakland. 1-story 5-room dwelling.
Owner—E. B. & A. L. Stone.
Architect—None. $3950

DWELLING
(1377) E WARNER AVE. 84 N Elmer, Oakland. 1-story 4-room dwelling.
Owner—C. Madsen, Cal. Concordia College, 64th and Braun, Oakland.
Architect—None. $1500

ADDITION
(1378) 1841 E-TWELFTH ST., Oakland. 2nd story addition.
Owner—J. I. Gantz, 1844 E-12th St., Oakland.
Architect—None. $2000

DWELLING
(1379) S THIRTIETH ST. 700 E Grove Oakland. 1-story 6-room dwelling.
Owner—Thurston Pierce, 1611 Vallejo St., San Francisco.
Architect—None. $4500

ENGINE HOUSE
(1380) NE COR. FIFTIETH AVE. & Bond St., Oakland. Fire engine house.
Owner—City of Oakland.
Architect—None.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland. $15,970

DWELLING
(1381) N FIFTY-FIFTH ST. 170 E Dover St., Oakland. 1-story 5-room dwelling.
Owner—M Nyman, 3438 Magnolia St., Oakland.
Architect—None.
Contractor—E. Lundberg, 3438 Magnolia, Oakland. $4000

DWELLING
(1382) 1506 SIXTY-EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—C. Tollefsen, 5817 E-17th St., Oakland.
Architect—None. $3000

DWELLING
(1383) E EIGHTY-FOURTH AVE. 160 S Blanch St., Oakland. 1-story 4-room dwelling.
Owner—E. C. Sydes, 1700 48th Ave., Oakland.
Architect—None. $2900

DWELLING
(1384) W ONE HUNDRED SIXTH Ave. 130 N Graffian, Oakland. 1-story 5-room dwelling.
Owner—E. B. & A. L. Stone.
Architect—None. $3950

GARAGE
NO. 3056 BROADWAY, Oakland. 1-sto. concrete garage.
Owner—E. H. Roberts, 1632 E-19th St., Oakland.
Architect—E. W. Cannon, Central Bank Bldg., Oakland.
Contractor—Murch-Williams Const. Co. Fox Bldg., Oakland. $23,064
NOTE—Recorded contract reported Feb. 27, 1924, No. 1035.

FLOORING
(1385) NW COR FIFTEENTH AND Clay Sts., Oakland. Furnish, lay, surface and finish all flooring for 4-story and loft bldg.
Owner—Arthur E. Corder, 350 Lenox, Oakland.
Architect—None.
Contractor—Geary Floor Co., 180 Jessie St., S. F.
Filed Mar. 12, 1924. Dated Feb. 29, 1924.
10th of each month 75%
Usual 35 days .....Balance
TOTAL COST, $5650
Bond, $2825. Sureties, New Amsterdam Casualty Co. Forfeit, none. Limit, June 15, 1924. Plans and Specifications filed.

SCHOOL
(1386) JUNIOR HIGH SCHOOL BLDG City of Piedmont. All work for reinforced concrete high school bldg, except heating, ventilating, elec. wiring and plumbing.
Owner—Board of Education of the City of Piedmont.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Hannah Bros. 142 Sansome St., San Francisco.
Filed Mar. 13, 1924. Dated Mar. 10, 1924.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $159,817
Bond (2) $79,908.50 each; Sureties, National Surety Co.; Forfeit, $10 day; Limit, 150 working days; Plans and specifications filed.

RESIDENCE
(1387) 124 ARBOR DRIVE, Piedmont. 1-story 6-room residence and garage.
Owner — W. J. Baker, 2255 Ransome, Fruitvale.
Architect—None. $5200

RESIDENCE
(1388) 144 ARBOR DRIVE, Piedmont. 1-story 6-room residence and garage.
Owner—Leo J. Dolan, Syndicate Bldg., Piedmont.
Architect—None. $5785

RESIDENCE
(1389) 570 CROFTON AVE., Piedmont 1-story 6-room residence and garage.
Owner—A. C. Graham, 1502 Jackson St., Oakland.
Architect—None. $5790

RESIDENCE
(1390) 51 CRAIG, Piedmont. 2-story 7-room residence.
Owner—Miss May Sellander, 132 Ronada, Piedmont.
Architect—None.
Contractor—L. G. Geary, 524 58th St., Piedmont. $9200

RESIDENCE
(1391) 321 EL CERRITO AVE., Piedmont. 1½-story 7-room residence and garage.
Owner—Mrs. Geo. Ross, 319 El Cerrito, piedmont.
Architect—None.
Contractor—Allen & Conrad, 357 12th St., Oakland. $9500

RESIDENCE
(1392) 80 FAIRVIEW, Piedmont. 2-story 7-room residence.
Owner—Edward Larmer, 90 Fairview, Piedmont.
Architect—None. $5500

RESIDENCE
(1393) 11 FAIRVIEW AVE., Piedmont. 1-story 5-room residence and garage.
Owner — R. C. Peppin, 1839 Hearst, Berkeley.
Architect—None. $5000

RESIDENCE
(1394) 1314 GRAND AVE., Piedmont. 1-story 5-room residence and garage.
Owner — R. C. Peppin, 1839 Hearst, Berkeley.
Architect—None. $5000

RESIDENCE
(1395) 221 HIGHLAND, Piedmont. 2-story 6-room residence and garage.
Owner—Chas. Roeth, 174 41st St., Piedmont.
Architect—None.
Contractor—H. M. McCullough & Son., 1641 Allston Way, Berkeley. $7000

RESIDENCE
(1396) 961 KINGSTON AVE., Piedmont. 1-story 7-room residence and garage.
Owner—R. C. Furlong.
Architect—None.
Contractor—Thos. F. L. Furlong, 557 Eldorado, Piedmont. $5800

RESIDENCE
(1397) 190 OAK ROAD, Piedmont. 2-story 6-room residence and garage.
Owner—A. P. Anderson, 5601 Adeline, Piedmont.
Architect—None. $4000

RESIDENCE
(1398) 415 PALA, Piedmont. 1-story 5-room residence and garage.
Owner—C. Maude Burdick, 205 Perry St., Oakland.
Architect—None.
Contractor—C. W. Shorb, 574 Rosal Av. Oakland. $6000

RESIDENCE
(1399) 4999 PARK BLVD, Piedmont. 2-story 7-room residence.
Owner—A. C. Waddell.
Architect—None. $5500

RESIDENCE
(1400) 116 RONADA AVE., Piedmont. 1-story 5-room residence and garage.
Owner — R. M. Myers, 81 Yosemite, Piedmont.
Architect—None. $5500

DWELLING
(1401) 2423 BYRON ST, Berkeley. 1-story 5-room dwelling and garage.
Owner—Chas. A. Werner, 2416 10th St. Berkeley.
Architect—None. $2500

DWELLING
(1402) 2509 HILL COURT, Berkeley. 2-story 6-room dwelling and garage.
Owner—W. Kincaid, 2509 College Ave., Berkeley.
Architect—None.
Contractor—C. B. & P. L. Crane, 1188 Arch St., Berkeley. $5000

DWELLING
(1403) 1336 McGEE AVE., Berkeley. 1-story 5-room dwelling & garage
Owner — Harold de Normandie, 1136 Sutter St., Berkeley.
Architect—None.
Contractor—Roy V. Martin, 1616 25th Ave., Oakland. $3800

DWELLING
(1404) 2942 RUSSELL ST., Berkeley. 2-story 10-room dwelling and garage.
Owner—Louis Engler, 2940 Forest Ave. Berkeley.
Architect—None. $8000

DWELLING
(1405) 1429 SANTA FE, Berkeley. 1-story 4-room dwelling and garage.
Owner—W. F. Harder, 2212 Byron St., Berkeley.
Architect—None. $2200

DWELLING
(1406) 1119 SHATTUCK, Berkeley. 2-story 7-room dwelling.
Owner—B. E. Plummer, 1112 Walnut St Berkeley.
Architect—None. $6000

DWELLING
(1407) 39 DOMINGO, Berkeley. 1½-story 8-room and basement dwlg.
Owner—Jeanette Kauffman, Crescent Court and Ashby, Berkeley.
Architect—None.
Contractor—John A Bischoff 2717 Russell St., Berkeley. $12,000

ALTERATIONS
(1408) 1722 BROADWAY, Oakland. Alterations.
Owner—Federal Outfitting, premises.
Architect—None.
Contractor—W. J. Black, 1306 Guerrero St., S. F. $7000

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DWELLING
(1409) S BROOKDALE AVE. 180 E High, Oakland. 1-story 6-rm dwlg.
Owner—C. A. MacLean, 4305 Brookdale Oakland.
Architect—None. $4000

SHOP
(1410) W CHESTNUT 150 S 21st St., Oakland. 1-story sheet metal shop.
Owner—David Barnes, 1534 Franklin St., Oakland.
Architect—None.
Contractor — Calif. Bldrs. Co., 1534 Franklin, Oakland. $2000

DWELLING
(1411) N CONON AVE 500 E Hopkins, Oakland. 1-story 3-room dwelling.
Owner—C. Mac Kutosh, 2124 Hopkins St., Oakland.
Architect—None.
Contractor—H. D. Campbell, 3628 Park Blvd., Oakland. $2000

DWELLING
(1412) E EDGEWOOD 192 S Hollywood Ave., Oakland. 1-story 5-rm. dwelling.
Owner—John Betz, 4642 San Sebastian Oakland.
Architect—None. $4000

DWELLING
(1413) 825 EVERETT AVE., Oakland. 2-story 6-room dwelling.
Owner—C. L. Milacch, 1505 West St., Oakland.
Architect—None.
Contractor—C. W. Reed, 2534 Pleasant St., Oakland. $5500

DWELLING
(1414) SW CORNER HAVENSCOURT and Flora,(Oakland. 1-story 5-room dwelling.
Owner—Louis Saroni, 733 Battery St., San Francisco.
Architect—None.
Contractor—C. P. Pond. $3200

DWELLING
(1415) W HUMBOLDT 25 N Davis, Oakland. 1-story 3-room dwelling.
Owner—J. A. McCord, 390 49th St., Oakland.
Architect—None. $2400

(1416) NW COR. HUMBOLDT AND Davis, Oakland. 1-story 3-room dwelling.
Owner—J. A. McCord, 390 49th St., Oakland.
Architect—None. $2400

DWELLING
(1417) W LANE COURT 500 N Harbard Dr., Oakland. 1-story 6-room dwelling.
Owner—G. M. Knox, 913 Kingston Ave. Piedmont.
Architect—None.
Contractor—E. Field, 607 Amer. Bank Bldg., Oakland. $6000

DWELLING
(1418) W MARSHALL ST. 300 N 55th St., Oakland, 1-story 5-room dwlg.
Owner—Mrs. Marie Runckel, 5770 Powell St., Oakland.
Architect—None.
Contractor—H. P. Moulton, 3115 High St., Oakland. $2500

DWELLING
(1419) E MAYBELLE 400 N Bayo, Oakland. 1-story 4-room dwelling.
Owner—Geo. W. Addison, 4000 Maybelle Ave., Oakland.
Architect—None. $2500

DWELLING
(1420) S HOLMES RD. 400 E Bates Rd Oakland. 1-story 6-room dwelling.
Owner—W. Dreyer, 465 Elwood Ave., Oakland.
Architect—None.
Contractor — Morgensen Bros., 5664 Broadway, Oakland. $6000

DWELLING
(1421) NW COR. HUMBOLDT AND Davis, Oakland. 1-story 3-rm dwlg.
Owner—J. A. McCord, 390 49th St., Oakland.
Architect—None. $2450

DWELLING
(1422) N SCENIC WAY 200 W 61st Ave., Oakland. 1-story 5-rm dwlg.
Owner—J. A. Mullen, 1361 83rd Ave., Oakland.
Architect—None.
Contractor—P. A. Newby, 2263 Auseon Ave., Oakland. $4500

DWELLING
(1423) SE COR. TULIP & MERRILL, Oakland. 1-story 4-room dwelling.
Owner—Mrs. B. F. Bowser, 4527 Tulip Ave., Oakland.
Architect—None.
Contractor—W. G. Bowser, 4527 Tulip Ave., Oakland. $2000

DWELLING
(1424) S ROCK RIDGE BLVD. 250 & 850 E Bdwy., Oakland. Two 1-story 6-room dwellings.
Owner—H. C. Pfrang, 5659 Ocean View Dr., Oakland.
Architect—None. $6000 each

DWELLINGS
(1425) 4008 4016 PARK BLVD., Oakland. Two 1-story 5-room dwlgs.
Owner—C. J. Pfrang, 480 Forest St., Oakland.
Architect—None. $5000 each

ALTERATIONS
(1426) NW COR. FOURTEENTH AND Market, Oakland. Alterations.
Owner—Mrs. M. Benzinger, S. F.
Architect—None. $1000

(1427) E ONE HUNDRED SIXTH AV. 240 S Royal Ave., Oakland. 1-story 5-room dwelling.
Owner—John J. Barnett, 316 Olive Ave. Piedmont.
Architect—None.
Contractor—Jas. Owen, 241 Moss Ave., Oakland. $4000

STORES
(1428) S EIGHTH ST. 100 W Webster, Oakland. 3-sto. con. stores.
Owner—Kan Hung & Co., 377 8th St., Oakland.
Architect—None.
Contractor—J. F. Maganini, 603 36th St., Oakland. $24,800

DWELLING
(1429) 1401 E THIRTY-SIXTH ST., Oakland. 1-sto 5-rm. dwlg.
Owner—Brown & Stenbro, 1707 Broadway, Oakland.
Architect—None. $3000

DWELLING
(1430) E SIXTY-FOURTH AVE. 100 S Beck, Oakland . 1-sto. 5-rm. dwlg.
Owner—Louis Saroni.
Architect—None. $3200

DWELLING
(1431) 2410 SIXTY-FOURTH AVE., Oakland. 1-sto. 4-rm. dwlg.
Owner—A. J. Stienne.
Architect—None.
Contractor—C. A. Shipman, 5839 Foothill Blvd., Oakland. $3250

DWELLING
(1432) E SIXTY-SEVENTH AVE. 410 Avenal, Oakland. 1-sto. 5-rm. dwlg.
Owner—Louis Saroni, 733 Battery St., San Francisco.
Architect—None.
Contractor—C. A. Pond, Oakland $3200

ALTERATIONS
(1433) 2052 EIGHTY-FIRST AVE., Oakland. Alterations and addition.
Owner—Miss Lobin, 1438 88th Ave., Oakland.
Architect—None.
Contractor—C. A. Cushman, 1675 85th Ave., Oakland. $1200

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GARAGE
(1434) NE COR. SAN PABLO AVE. and 38th St., Emeryville. Building one-story mezzanine concrete garage.
Owner — Oakland Finance Corp., 48th St. and San Pablo Ave., Emeryville, Calif.
Architect—Fredk. Soderberg, 276 Perkins St., Oakland.
Contractor—Lawton & Vezey, 357 12th St., Oakland.
Filed Mar. 14, 1924. Dated Mar. 14, 1924. On 1st and 16th each month 75% estimated value of work done preceding ½ month; provided not more than 75% of total contract paid by completion. Balance 35 days after completed and accepted.
TOTAL COST, $66,700
Bond, Sureties, Forfeit, none Limit, 85 days. Plans and Specifications filed.

DWELLING
(1435) LOT 10 BLK. A CLAREMONT Court, Berkeley, Sub. of a por. of Kellerberger's Plat No. 77, Berkeley. Two-story and basement frame dwlg. and double garage, concrete drives, walks, etc
Owner—Thos. E. and Mary M. McEneany, 2621 Regent St., Berkeley.
Architect—Gwynn Officer, Berkeley Bk. Bldg., Berkeley.
Contractor—I. W. Button, 347 63rd St., Oakland.
Filed Mar. 14, 1924. Dated Mar. 11, 1924.
Frame up, rf. sheathing on..$2918.15
1st coat on 2918.15
Accepted by owner 2918.10
Usual 35 days 2918.10
TOTAL COST, $11,672.50
Bond, $11,672.50. Sureties, Fidelity & Deposit Co. of Md. Forfeit, none. Limit, 120 days. Plans and Specifications filed

DWELLING
(1438) E BROADWAY 370 N Ocean View Drive, Ockland. One and one-half-story 6-room dwelling.
Owner—B. E Sweet, 324 40th St., Oakland
Architect—None. $4500

(1439) E CHABOLYN TERRACE 125 N Chabot Road, Oakland. One-story 7-room dwelling.
Owner—Jos. Coward, 5429 Shafter Ave. Oakland.
Architect—None. $5500

DWELLING
(1440) NO. 10014 PIPPIN ST., Oakland. One-story 4-room dwelling.
Owner — J. F. Chambers, Plaza Bldg., Oakland
Architect—None.
Contractor — L. A. Peters, 3485 Davis St., Oakland. $2200

(1441) S ROSAL 300 W Lakeshore, Oakland. One-story 6-room dwlg.
Owner—W. W. Bartels, Lafayette St., Oakland.
Architect—None.
Contractor—B. S. Hanson, 672 Santa Ray St., Oakland. $5000

DWELLING
(1442) E SEMINARY AVE 80 S E-Lawn, Oakland. One-story 4-room dwelling.
Owner—Harry Simon, 981 92nd Ave., Oakland.
Architect—None.
Contractor—F. A. Spek, 981 92nd Ave., Oakland. $2500

DWELLING
(1443) N TRESTLE GLEN ROAD at Stratford Road, Oakland. Two-story 5-room dwelling.
Owner — Mr. and Mrs. B. Hertzberg, Charlston Apts. No. 10, Oakland.
Architect—None
Contractor—J. R. Langtry, 739 Aileen St., Oakland $4000

DWELLING
(1444) NO. 2049 NINTH AVE., Oakland. One-story 4-room dwelling.
Owner—J. D. Nelson, 2025 Broadway, Oakland
Architect—None.
Contractor—A. C. Ihrke, 2015 Broadway, Oakland. $5000

ALTERATIONS
(1445) NO. 1678 TENTH ST., Oakland. Alterations and additions.
Owner—Mrs. Lula Lee, Premises.
Architect—None. $4500

REPAIRS
(1446) NO. 594 THIRTY-FIRST ST., Oakland. Fire repairs.
Owner—East Bay Hospital Assn., 594 31st St., Oakland.
Architect—None.
Contractor—J. F. Schrader, 2004 Telegraph Ave., Oakland $1400

ALTERATIONS
(1447) NO. 1208 THIRTY-SEVENTH Ave., Oakland. Alterations and additions.
Owner—Peter Savino, 4030 E-10th St., Oakland.
Architect—None. $1200

DWELLING
(1448) E SIXTY-SECOND AVE 80 N Malden Okd. One-story 4-room dwelling.
Owner—W. Doyle, 1740 96th Ave., Oakland
Architect—None
Contractor—T. A. Speck, 973 92nd Ave., Oakland. $1000

DWELLING
(1449) NW NINETY-SECOND AND Cherry, Oakland. One-story 4-room dwelling.
Owner—H. H. Sargent ,2344 E-17th St., Oakland.
Architect—None.
Contractor—S. G. Lankin, 712 Haddon Road, Oakland . $2950

(1450) N STANFORD AVE 76 W San Pablo Ave., Oakland. One-story brick stores.
Owner—Beaudry & Brennain, 606 25th St., Oakland.
Architect—None.
Contractor—Martin Allan, 346 Walsworth Ave., Oakland. $9000

APARTMENTS
(1451) E GROVE 100 N Fifty-second St., Oakland. All work for buildings containing four 3-room apt. flats: each building containing 4 apartments and each apartment 3 rooms.
Owner—John and Ben Ceruti and John Perata, Oakland.
Architect—None.
Contractor—Wm. Casper Helms, Okd.
Filed Mar. 15, '24. Dated Mar. 14, '24.
Frame up $2884.00
Plastered inside 2884.00
Completed 2884.00
Usual 35 days..... 2885.00
TOTAL COST, $23,075.00
Bond, none. Limit, 120 working days. Forfeit, none. Plans and specifications filed

(1452) 1122 ALLSTON WAY, Berkeley. 1-story 5-room dwelling.
Owner—Percy F. Norris, 59 Domingo St., Berkeley.
Architect—None.
Contractor—W. M. Woodward, 2320 Acton St., Berkeley. $3000

DWELLING
(1453) 1529 BERKELEY WAY, Berkeley. 2-story 10-room dwelling.
Owner—Edw. Hansen, 2647 San Pablo, Berkeley.
Architect—None.
Contractor—J. A. Pinkerton, 1931 Berryman St., Berkeley. $7000

DWELLING & GARAGE
(1454) 414 BOYNTON AVE., Berkeley. 2-story 6-room dwelling and gar.
Owner—Maude E. Marliave, 1751 Capistrano, Berkeley.
Architect—None.
Contractor—Jos. A. White, 1631 Edith St., Berkeley. $5000

DWELLINGS (2)
(1455) 1226-1228 CORNELL, Berkeley. Two 1-story 3-room dwellings.
Owner—E. F. Beck, 115 Warfield St., Berkeley.
Architect—None.
Contractor—C. W. Griffith, 1323 96th Ave., Oakland. $1400 each

DWELLING
(1456) 1206 GROVE ST., Berkeley. 1-story 6-room dwelling.
Owner—Roy J. Young.
Architect—None.
Contractor—E. F. Henderson, 5744 Dreith Ave., Berkeley. $4250

DWELLING & GARAGE
(1457) 1226 JOSEPHINE, Berkeley. 1-story 6-room dwlg. and garage.
Owner—R. J. Pavert, Merc. Trust Bldg.
Architect—None. $4500

DWELLING & GARAGE (2)
(1458) 1234-1238 JOSEPHINE, Berkeley. Two 1-story 5-room dwellings and garages.
Owner—R. J. Pavert, Merc. Trust Bldg.
Architect—None. $3950 each

DWELLING & GARAGE (3)
(1459) 1218 - 1222 - 1230 JOSEPHINE, Berkeley. Three 1-story 6-room dwellings and garages.
Owner—R. J. Pavert, Merc. Trust Bldg.
Architect—None. $4350 each

DWELLING & GARAGE
(1460) 1242 JOSEPHINE, Berkeley. 1-story 6-room dwelling and gar.
Owner—R. J. Pavert, Merc. Trust Bldg.
Architect—None. $4975

DWELLING
(1461) 2810 MATHEWS, Berkeley. 1-story 5-room dwelling.
Owner—G. Owens, 1105 Santa Clara, Alameda.
Architect—None. $3500

DWELLING & GARAGE
(1462) 1510 PRINCE ST., Berkeley. 1-story 5-room dwelling and gar.
Owner—Jas. McGuinness, 1515 Tyler St., Berkeley.
Architect—None. $3000

DWELLING
(1463) 822 SAN MATEO RD., Berkeley 2-story 6-room dwelling.
Owner—M. W. Turner, Berkeley.
Architect—None. $5000

DWELLING & GARAGE
(1464) 616 SANTA ROSA, Berkeley. 1-story 6-room dwelling and gar.
Owner—Melvin W. Brodrick, 2519 Virginia St., Berkeley.
Architect—None.
Contractor—Roy O. Long Co., 2114 Shattuck, Berkeley. $5250

DWELLING
(1465) 938 SHATTUCK, Berkeley. 1-story 5-room dwelling.
Owner—Ben F. Bigelow, 2234 Atherton, Berkeley.
Architect—None. $3500

DWELLING
(1466) 1502 SCENIC AVE., Berkeley. 2-story 9-room dwelling.
Owner—W. M. Marston, Berkeley.
Architect—None.
Contractor—H. Elmer Johnson, San Leandro. $9000

DWELLINGS (5)
(1467) 1614 - 1618 - 1622 - 1625 - 1630 Berkeley. Five 1-story 4-room dwellings.
Owner—Alameda Inv. Co., 703 Syndicate Bldg., Oakland.
Architect—None. $3000 each

APARTMENT FLATS
(1468) 3040½ TELEGRAPH, Berkeley. 2-story 12-room apartment flats.
Owner—John Conant, 542 25th Street, Oakland.
Architect—None. $11000

DWELLING
(1469) 1092 SIXTY-EIGHTH AVE., Oakland. One-story 4-room dwlg.
Owner—Mrs. E. H. Camp, 1088 68th Ave., Oakland.
Architect—None. $2500

DWELLINGS
(1470) 1654, 1660 EIGHTY-THIRD Ave., Oakland. Two 1-story 5-room dwellings.
Owner—E. G. Glantz, 4122 E 14th St., Oakland.
Architect—None. $3000 each.

DWELLING
(1471) N CAMDEN 50 N 64th Ave., Oakland. 1-story 6-room dwlg.
Owner—C. E. Hughes, 6330 Camden St., Otkltnd.
Architect—None. $3500

DWELLING
(1472) NE CAPELL & McKINLEY, Oakland. 1-story 6-room dwlg.
Owner—W. J. Mentz.
Architect—None.
Contractor—L. J. Davies, 37 Monte Vista Ave., Oakland. $6000

DWELLING
(1473) W CHURCH ST 135 S Arsenal Ave., Oakland. 1-story 3-room dwelling.
Owner—T. J. Horton, P. O. Box 258, Oakland.
Architect—None.
Contractor—G. E. Nickerson, 1316 97th Ave., Oakland. $1800

ADDITION (BRICK)
(1474) 5421 COLLEGE AVE., Oakland. Brick addition.
Owner—Margaret Upton, 5671 Miles Ave , Oakland.
Architect—None.
Contractor—A. J. Yeruck, 5255 College Ave., Dakland. $2971

STORES
(1475) E FRUITVALE AVE 100 N Hopkins Oakland.
Owner—Mrs. Elizabeth Rhoda, Alameda.
Architect—None.
Contractor—Louis E. Van Ness, 4950 Park Blvd., Oakland. $3400

DWELLINGS (2)
(1476) 3564-3570 GALINDO ST., Oakland. Two 1-story 4-room dwlgs.
Owner—A. J. Agrella, 1512 78th Ave., Oakland.
Architect—None. $3500 each

DWELLING
(1477) 2552 HAVENSCOURT BLVD., Oakland. 1-story 5-room dwelling.
Owner—Walter Lee, 4115 Ft. Blvd., Oakland.
Architect—None.
Contractor—C. H. Graham, 4201 E 16th St., Oakland. $3500

DWELLING
(1478) S MANDANA BLVD 100 E Paloma, Oakland. 1-story 6-room dwelling.

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY
(THE SAN FRANCISCO BANK)
SAVINGS COMMERCIAL
INCORPORATED FEBRUARY 10th, 1868.
One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.
Member Associated Savings Banks of San Francisco
526 California Street, San Francisco, Cal.
DECEMBER 31st, 1923
Assets..... $89,174,468.57
Capital, Reserve and Contingent Funds..... 3,850,000.00
Employees' Pension Fund..... 430,275.37
MISSION BRANCH.....Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....Haight and Belvedere Streets
WEST PORTAL BRANCH.....West Portal Ave. and Ulloa St.
Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

Owner—Mathew Klein, 5988 Channing, Oakland.
Architect—None. $4800

DWELLING
(1479) 1067 MANDANA BLVD., Oakland. 1-story 6-room dwelling.
Owner—C. C. Lassen, 123 Palm Drive, Piedmont.
Architect—None.
Contractor—Lassen & Shields, 123 Palm Drive, Oakland. $6500

DWELLING
(1480) S MAURITANIA AVE 150 E Seminary, Oakland. 1-story 3-rm. dwelling.
Owner—R. T. Fisher, 5923 Mauritania Ave., Oakland.
Architect—None. $2000

DWELLING
(1481) N PENNIMAN AVE 215 E 25th Ave., Oakland. 1-story 6-room dwelling.
Owner—Peter Fosse, 3434 School St., Oakland.
Architect—None.
Contractor—E. E. Travis, 3045 Humboldt Ave., Oakland. $4500

STORES
(1482) S SCHOOL ST end of Laurel Ave., Oakland. 1-story stores.
Owner—J. H. Ferretta, 3297 School St., Oakland.
Architect—None. $2000

DWELLING
(1483) 1619 VISTA AVE., Oakland. 2-story 6-room dwelling.
Owner—L. T. Stirner, Amer. Bank.
Architect—None.
Contractor—Harry Meyer, 3216 Brookdale Ave., Oakland. $6000

ALTERATIONS
(1484) 329 12TH ST., Oakland. Alterations.
Owner—A. Rosas.
Architect—None.
Contractor—Andrew B. Gow, 5668 Azala St., Oakland. $1000

DWELLING & GARAGE
(1485) N 39TH ST 647-672 W Market, Oakland. Two 1-story 3-room dwellings and garages.
Owner—T. Tepley, 4407 Linden Street, Oakland.
Architect—None.
Contractor—D. P. Dinesen, 3437 Sheffield Ave., Oakland. $3375 each

FLATS
(1486) 1233-35 40TH AVE., Oakland. 2-story 8-room flats.
Owner—Abramo Toschi.
Architect—None.
Contractor—Theo. Bruck, 1236 40th Ave., Oakland. $5000

(1487) N 49TH ST 100 W Webster, Oakland. 2-story 10-room flats.
Owner—John Erickson, 533 51st St., Oakland.
Architect—None.
Contractor—A. Cederhoro, 1455 Excelsior Ave., Oakland. $7500

(1488) SE FIFTY-FIRST AVE. AND Vicksburg, Oakland. 1-sto. 5-rm. dwlg
Owner—Geo. Kretz, 2161 51st Ave., Oakland.
Architect—None.
Contractor—N. Nittler, 3300 E 17th St., Oakland. $3600

DWELLING
(1489) E SIRTY-FIFTH AVE. 390 S Arthur, Oakland. 1-sto. 6-rm. dwlg.
Owner—E. W. Nicholson, Oakland.
Architect—None
Contractor—A. Jensen, 4256 Suter St., Oakland. $4000

ALTERATIONS
(1490) F. BRUCE MAIDEN PROPERty, Piedmont, Calif. Alterations to garden
Owner—F. Bruce Maiden, 122 Monte Ave., Piedmont.
Architect—Houghton Sawyer, Hearst Bldg., S. F.
Contractor — Fred J. Westlund, 2211 10th Ave., Oakland.
Filed Mar. 17, 1924. Dated Mar. 11, 1924.
About 1st & 15th each month 75% of value for previous month on com. an increase to 75% of total cost. Balance 35 days thereafter.
TOTAL COST, $3300
Bond, Sureties, Forfeit, Limit, none. Plans and Specifications filed.

DWELLING
(1491) 1609 SPRUCE ST., Berkeley. Two-story and basement frame dwelling.
Owner — Maria C. Anderson, 1609 Spruce St., Berkeley.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—H. G. Patrick, 1973 Marin St., Berkeley.
Filed Mar. 17, 1924. Dated Mar. 15, 1924.
Frame up & rf. mat. in place .... ¼
Plastered ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $10,000
Bond, Sureties, Forfeit, none. Limit, 90 days. Plans and Specifications filed.

ALTERATIONS
(1492) 2422 ASHBY AVE., Berkeley. alterations.
Owner—R. Fitch, 735 Home Avenue, Fresno.
Architect—None.
Contractor—F. H. Masow, 2809 College Ave., Berkeley. $1500

DWELLING
(1493) 23 CLAREMONT CRESCENT, Berkeley. 1½-story 6-room dwlg.
Owner—Jas. W. Brazier, 1912 Blake St., Berkeley.
Architect—None. $4900

DWELLING & GARAGE
(1494) 3489-91 KING ST., Berkeley. 1-story 8-room dwlg. and gar.
Owner—A. L. Howard, 1520 Woolsey St., Berkeley.
Architect—None.
Contractor—L. W. Howard, 1520 Woolsey St., Berkeley. $4250

OIL GAS STA. & REST ROOM
(1495) 1601 SAN PABLO, Berkeley. 1-story oil gas sta. and rest rm.
Owner—M. J. Murphy, 319 9th Street, Richmond.
Architect—None. $3500

ALTERATION & ADDITION
(1496) 1931 VIRGINIA ST., Berkeley. Alteration and addition.
Owner—Ella N. Foote.
Architect—None.
Contractor—R. W. Robie, 2105 Virginia St., Berkeley. $2050

DWELLING & GARAGE
(1497) 1533 WOOLSEY ST., Berkeley. 1-story 4-room dwlg. and garage.
Owner—Adaline E. Walton, 571 62nd St., Oakland.
Architect—None.
Contractor—F. W. Borden, 490 Estudillo Ave., San Leandro. $2700

DWELLING
(1498) S FAIRFAX AVE 200 W Monticello, Oakland. 1-story 6-room dwelling.
Owner—J Hedman, 4908 Congress Ave, Oakland.
Architect—None. $4500

APARTMENTS
(1499) W 48TH AVE 60 N Ygnacio, Oakland. 2-story 6-room apts.
Owner—Mrs. O. W. Karn, 2001 48th Ave Oakland.
Architect—None.
Contractor—O. W. Karn, 2001 48th Ave Oakland. $14000

APARTMENTS & STORES
(1500) N FOOTHILL BLVD 200 E Fruitvale, Oakland. 2-story 14-rm. apartments and stores.
Owner—Mrs. I. Butty, 5397 Wentworth Ave., Oakland.
Architect—None.
Contractor—M. L. Zappetini, 34 Blair Ave., Oakland. $17000

DWELLING
(1501) 3010 GEORGIA ST., Oakland. 1-story 6-room dwelling.
Owner—Louis De Jong, 2462 Wilbur St., Oakland.
Architect—None. $5000

DWELLING
(1502) 3229 HYDE ST., Oakland. 1-story 5-room dwelling.
Owner—J. D. Fennelly, 2910 E 22nd St., Oakland.
Architect—None. $3700

APARTMENTS
(1503) E GROVE ST. 100 N 52nd St., Oakland. 2-story 12-room apts.
Owner—John & Ben Ceruti, 15th and Cypress, Oakland.
Architect—None.
Contractor—Wm. C. Halins, 530 40th St., Oakland. $11500

DWELLING
(1504) E MT VIEW AVE Leona Hgts., Oakland. 1-story 4-room dwlg.
Owner—C. F. Clark, 2048 Rosedale, Oakland.
Architect—None.
Contractor—J. C. Colguhonn, 4126 Carrington, Oakland. $1000

DWELLING
(1505) NW SPRUCE and McKinley, Oakland. 1-story 7-rm. dwlg.
Owner—C. E. Meader, 406 11th St., Oakland.
Architect—None. $5500

FLATS
(1506) N VERMONT 198 S Weldon, Oakland. 2-story 9-room flats.
Owner—Mrs. C. M. Sall, 909 Vernon St.
Architect—None. $6000

ADDITION
(1507) NE 9TH and Willow, Oakland. Addition.
Owner—J. H. Pereira, 1698 9th Ave., Oakland.
Architect—None.
Contractor—A. V. Dutra, 962 55th, Oakland. $1000

STORE
(1508) SE 14TH ST 100 W 54th Ave., Oakland. 1-story store.
Owner—Anna Amarella, 5360 E 14th St., Oakland.
Architect—None.
Contractor—H. F. Allen, 1615 83rd Ave Oakland. $1400

FLATS & STORES
(1509) NW 14TH AVE and E 22nd St., Oakland. 2-story flats and stores.
Owner—C. Doran, 1422 14th Ave., Oakland.
Architect—None. $6000

BRK & CON TERM STA.
(1510) 16TH AND WILLOW, 1-story brick and conc. term. station.
Owner—Oakland Bldg. & Mtg. Co., Postoffice Bldg., 308 12th St.
Architect—None.
Contractor—Schuler & McDonald, 308 12th St. $100,000

APARTMENTS
(1511) NE 15TH ST 175 W Fruitvale, Oakland. 2-story 16-room apts.
Owner—G. R. Carnira, 2909 Lincoln Ave., Oakland.
Architect—None.
Contractor—L. R. Chapton, 442 Haight Ave., Alamenda. $23500

APARTMENTS
(1512) NE E-TWENTY-THIRD ST. & 25th Ave., Oakland. 2-sto. 12-rm. apts.
Owner—Theo. Dapp, 1534 Franklin St., Oakland.
Architect—None.
Contractor—Calif. Bldrs., 1534 Franklin St, Oakland. $10,000

APARTMENTS
(1513) SE TWENTY-NINTH ST., AND Fairmount Ave., Oakland. 2-sto. 16 rooms, apartments.
Owner—H. W. Ellis, 815 Grand Ave., Alameda.
Architect—None.
Contractor — H. S. Butler, 5679 Oak Grove Ave., Oakland. $16,000

ALTERATIONS
(1514) THIRTY-FOURTH AVE., Oakland. Alterations.
Owner—John Freitas, 1243 34th Ave., Oakland.
Architect—None.
Contractor—Chas Coburn, 753 Larch St., S. F. $1000

APARTMENTS
(1515) N FIFTY-FIRST ST., 100 E Desmond, Oakland. 2-sto. apts. (16 rooms).
Owner—Waldo E. Smith, 1426 Franklin St., Oakland.
Architect—None.
Contractor—H. C. Knight, 1426 Franklin St., Oakland $16,000

DWELLING
(1516) 637 FIFTY-NINTH ST., Oakland. 1-sto. 5-rm. dwlg.
Owner—Joe Cheisa, 5925 Harry St., Oakland.
Architect—None.
Contractor—Joe Marenge, 630 43rd St., Oakland. $4000

DWELLING
(1517) 639 FIFTY-NINTH ST., Oakland. 1-sto. 3-rm. dwlg
Owner—Joe Chlesa, 5925 Harry St., Oakland.
Architect—Noen.
Contractor—Joe Marenge, 630 43rd St., Oakland. $2000

DWELLING
(1518) 1701 102ND AVE., Oakland. 1-sto. 5-rm. dwlg.
Owner — Gedeon Cahanett, 101st and Plymouth, Oakland.
Architect—None.
Contractor — Chas. W. Griffith, 1333 96th Ave, Oakland. $2500

DWELLING
(1519) E SIXTY-SEVENTH AVE. 280 N Avenal. 1-sto. 6-rm. dwlg.
Owner—Wm. S. Kepple, 2619 62nd Ave., Oakland.
Architect—None. $3950

DWELLING
1445 HAWTHORNE TER., Berkeley. 1½-story 8-room dwlg.
Owner—Col. Edwin Landon, Cloyne Court Apts, Berkeley.
Architect—H. H. Gutterson, 526 Powell St., S. F.
Contractor—H. K. Schulz, 2100 Virginia St., Berkeley. $14,000
NOTE—Reported Feb. 8, 1924, No. 680

DWELLING
(1520) SE FERNSIDE BLVD. AND Briggs Ave., Alameda. All work for 5-room frame dwelling.
Owner—Mrs. J. G. Kearney, 1332 High St., Alameda.
Architect—None.
Contractor—Harvey J. Thompson, 838 Cedar, Alameda.
Filed Mar. 15, 1924. Dated Mar. 14, 1924.
Bldg. enclosed .....¼
Rough mortar on .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $4250
Bond, Forfeit, none; Limit, 90 days; Plans and specifications filed.

STORE & APT.
(1521) SE PIEDMONT & CROXTON being por. lots 55 & 56, Map of Oak Park Tract, Oakland. All work for 2-story store and apartments.
Owner — Pierre Chauquet, 334 E-18th St., Oakland.
Architect — C. Craig Mochean, 1214 Webster St., Oakland.
Contractor—Fred Hambleton, 3737 13th Ave., Oakland.
Filed Mar. 18, 1924. Dated Mar. 17, 1924.
2nd floor joists on & floor laid.$2188
Frame completed 2188
When plastered 2188
Completed and accepted 2188
Usual 35 days 2188
TOTAL COST, $10,940
Bond, Forfeit, none; Limit, 90 days; Plans and specifications, none.
NOTE—Permit applied for today.

DWELLING
(1522) 1327-1333 CARLOTTA, Berkeley Two 1-story 5-room dwlgs.
Owner—P. E. Marquis, Mason-McDuffie Co., 2045 Shattuck, Berkeley.
Architect—None. $3000 each

(1523) 2000 DWIGHT WAY, Berkeley. 2-story 13-room apartment.
Owner—J. Johnson, 1929 Dwight Way, Berkeley.
Architect—Hutchison & Mills.
Contractor—Victor Sigge, 3912 Linwood Ave., Berkeley. $11000

DWELLING & GARAGE
(1524) 1527 GRANT, Berkeley. 1-sto. 5-room dwelling and garage.
Owner—R. L. Johnson, 5256 James Ave., Oakland.
Architect—None.
Contractor—O. H. Butzker, 1315 66th St., Berkeley. $4000

DWELLING
(1525) 1229 CHANNING, Berkeley. 1-story 5-room dwelling.
Owner—Helmer M. Lauren, 1231 Channing, Berkeley.
Architect—None. $2000

ADDITION & GARAGE
(1526) 2841 FORREST AVE., Berkeley. Addition and garage.
Owner—Chester Stock, 3339 Forrest Ave., Berkeley.
Architect—None.
Contractor—E. L. Atkinson, 2735 Grove St., Berkeley. $1200

DWELLING
(1527) 1719 DELAWARE, Berkeley. 1-story 5-room dwelling.
Owner — Bill Manang, Virginia St., Berkeley.
Architect—None.
Contractor—Geo. L. Nibel, 1912 Grove St., Berkeley. $3500

DWELLING
(1528) 1711 ADDISON, Berkeley, 1-sto. 5-room dwelling.
Owner—R. Dieden, San Francisco.
Architect—None.
Contractor—F. A. Stoker, 2152 Allston Way, Berkeley. $4000

ADDITION
(1529) 1156 SEMINARY AVE., Oakland. Addition.
Owner—E. D. Marlott.
Architect—None. $1000

DWELLING
(1530) S TRESTLE GLEN RD. LOT 32 Blk 1, Oakland. 2-story 6-room dwelling.
Owner—O. R. Etter, 842 Laurel Ave., Alameda.
Architect—None.
Contractor—H. C. Andreson, 1229 Pearl St., Alameda. $5400

DWELLING
(1531) E WAKEFIELD AVE. 418 S E-27th St., Oakland. 1-story 5-room dwelling.
Owner—Ralph Hilton, 1317 E-28th St., Oakland.
Architect—None.
Contractor—Louis A. Chew, 2207 14th Ave., Oakland. $3800

FIRE REPAIRS
(1532) 2320 2326 WAVERLY, Oakland. Fire repairs.
Owner—Mrs. C. Younkin, 2918 Ellsworth St., Berkeley.
Architect—None.
Contractor—F. E. Allen, 2718 Regent St., Oakland. $2700

DWELLING
(1533) 1345 SIXTY-THIRD AVE, Oakland. 1-story 4-room dwelling.
Owner — Andrew W. Gaidos, 5319 E-14th St., Oakland.
Architect—None.
Contractor—W. B. Malick, 3122 High St Oakland. $1800

DWELLING
(1534) E SIXTY-FOURTH AVE. 250 N Flora, Oakland. 1-story 5-room dwelling.
Owner—C. L. Nichols, 2048 5th Ave., Oakland.
Architect—None. $3500

DWELLING
(1535) E SIXTY-FOURTH AVE. 287 N Flora, Oakland. 1-story 5-room dwelling.
Owner—C. L. Nichols, 2048 5th Ave., Oakland.
Architect—None. $3500

DWELLING
(1536) W SIXTY-FOURTH AVE. 337 S Beck, Oakland. 1-story 5-room dwelling.
Owner—Elmer Dover, 2636 77th Ave., Oakland.
Architect—None. $3500

ADDITION
(1537) 649 AILEEN ST., Oakland. 1-story addition.
Owner—Mrs. Bisdorff.
Architect—None.
Contractor—H. A. Ilmanen, 2321 10th St. Berkeley. $1600

DWELLINGS
(1538) E HARRINGTON 435 461 488 S Lyon, Oakland. Three 1-story 4-room dwellings.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None $2000 each

DWELLING
(1539) E HIGH ST. 100 S Quigley St., Oakland. 1-story 5-room dwelling.
Owner—W. C. Peterson, 3394 High St., Oakland.
Architect—None.
Contractor—G. W. Steffen, 1941 Crosley St., Oakland. $3000

DWELLING
(1540) 2830 MAXWELL AVE., Oakland. 1-story 4-room dwelling.
Owner—J. B. Peppin, 851 Trestle Glen Road, Oakland.
Architect—None. $3200

DWELLING
(1541) 2900 MAXWELL AVE., Oakland. 1-story 4-room dwelling.
Owner—J. B. Peppin, 851 Trestle Glen Rd., Oakland.
Architect—None. $3500

DWELLINGS
(1542) 2930 2906 2912 & 3012 MAXwell Ave., Oakland. Four 1-story 5-room dwellings.
Owner—J. B. Peppin, 851 Trestle Glen Rd., Oakland.
Architect—None. $3600 each

DWELLINGS
(1543) 3000 3006 MAXWELL AVE., Oakland. Four 1-story 6-rm dwlgs.
Owner—J. B. Peppin, 851 Trestle Glen Rd., Oakland.
Architect—None. $3900 each

DWELLING
(1544) W MIDVALE 80 S Hopkins, Oakland. 1-story 3-room dwelling.
Owner—Mathilda Anderson, 796 Pine St., San Francisco.
Architect—None.
Contractor — E. P. Burch, Hayward, Calif. $2500

DWELLING
(1545) NW MIDVALE & KANSAS STS Oakland. 1-story 5-room dwelling.
Owner—H. T. McKallor, 3707 Midvale Ave., Oakland.
Architect—None. $3000

DWELLING
(1546) E ROSS CIRCLE 400 N Ross St., Oakland. 2-story 8-room dwlg.
Owner—J. A. Marshall, 6320 Florio St., Oakland.
Architect—None. $7000

DWELLING
(1547) E SEVENTY-SEVENTH AVE. 535 E-14th St., Oakland. 1-story 4-room dwelling.
Owner—W. I. Wightman, 2224 Havenscourt Blvd., Oakland.
Architect—None. $2400

DWELLING
(1548) 1442 EIGHTY-SIXTH AVE., Oakland. 1-story 4-room dwelling.
Owner—Paul Louis Kick, 2325 Humboldt Ave., Oakland.
Architect—None. $2500

DWELLING
(1549) N HARMON AVE. 629 W 62nd Ave., Oakland. 1-story 3-rm dwlg.
Owner—Mary Hahenfeld, 1436 65th Ave Oakland.
Architect—None.
Contractor—C. C. Miller, 950 71st Ave., Oakland. $1000

DWELLING
(1550) N FRASIER AVE. 40 W Stanley Rd., Oakland. 1-story 5-room dwelling.
Owner—Donald Admiral, 2931 Talbot Ave., Oakland.
Architect—None. $3500

ALTERATIONS
(1551) SE COR. THIRTEENTH AND Broadway, Oakland. Alt. work on building.
Owner—E. A. Whitaker, Owl Drug Co., Oakland.
Architect—None.
Contractor—Oliver Duval & Son, Oakland.
Filed Mar. 19, 1924. Dated Mar. 15, 1924.
Window frames set $2400
Completed and accepted..... 2400
Usual 35 days 2400
TOTAL COST, $7200
Bond, $3600; Sureties, W. S. Fidelity & Guaranty Co.; Forfeit, none; Limit, 30 working days from Mar. 1,1924; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Amount
Mar. 12, 1924—LOT 31 BLK 19, Havenscourt, Oakland. T J McCord to whom it may concern..Mar. 12, 1924
Mar. 12, 1924—LOT 17 BLK 15, Havenscourt, Oakland. T J McCord to whom it may concern..Mar. 12, 1924
Mar. 11, 1924—N 40 LOT 14 and N 40 Lot 15 Blk 27 Map Fairmount Pk, Berkeley. Mabel M Bramlage to E D Bramlage.....Mar. 10, 1924
Mar. 11, 1924—W SAN PABLO N 77 from intersection thereof with N line, Stanford Ave., Oakland. Jos

Merani to Fred W Peters......... ....Mar. 6, 1924
Mar. 11, 1924—942 THIRTY-SIXTH St., Oakland. W. A. Walker to whom it may concern..Mar. 11, 1924
Mar. 11, 1924—LOTS 13 AND 14 BLK "K" Map Eastern Ptn. Lynn Homestead, Oakland. Cillia Hoffman to E O Francis and American Constr Co.............Mar. 11, 1924
Mar. 11, 1924—4020 LUSK S., Oakland. Otto Rinkert to whom it may concern..........Mar. 10, 1924
Mar. 11, 1924—OAKLAND. Mary E Carrty to M F Wise...Mar 20, 1924
Mar. 13, 1924—NO. 1241 SIXTIETH Ave, Oakland Wm Hozack to whom it may concern..Mar. 12, '24
Mar. 13, 1924—N 40 LOT 9 Map No. 2 Pptv of Wm. O'Neill, Oakland Tp, Oakland. Delia Granholt to F E Sherwood.............Mar. 10, 1924
Mar. 13, 1924—NO. 2036 EIGHTY-ninth Ave., Oakland. P J Cook to Geo F Nickerson......Feb. 23, 1924
Mar. 13, 1924—34 FT. LOT 8 and S 3 ft. Lot 9 Blk "C" Map of the Amended Moss Tract, Oakland Gus Stephens and C G Frank to F J Leonardo .... —
Mar. 13, 1924—LOT 7 BLK 4 Wheeler Tract, Berkeley. Edwin A Lee to Roy O Long Co........Mar. 12, 1924
Mar. 13, 1924—NO. 2511 HILL COURT Berkeley. Sara White Dort to C B Crane .... —
Mar. 12, 1924—E CURTIS 170½ S Delaware S 42 on Curtis E 150-2 N 42 W 150-2, Berkeley. Maurice Walsh to whom it may concern... ....Mar. 7, 1924
Mar. 12, 1924—NO. 1591 AND 1593 Solano Ave., Berkeley. Geo T Knight to Grazier & Ballard..... ....Mar. 8, 1924
Mar. 12, 1924—4021 WOODRUFF AV, Oakland. L C Fish to whom it may concern................Mar. 5, 1924
Mar. 12, 1924—W 34 LOT 25 and E 10.66 Lot 26 Blk "R" Central Piedmont No. 4, Piedmont. R M Myers to whom it may concernMar. 12, 1924
Mar. 12, 1924—LOT 20 BLK 5, Fourth Ave. Heights, Oakland. Margaret C Dunn to J W Monroe. Mar. 10, 1924
Mar. 12, 1924—3013 HOPKINS ST., Oakland. S W McReynolds to A Anderson.............Mar. 11, 1924
Mar. 12, 1924—LOT 138 and NW 15 Lot 139 Blk 23, Havenseourt, Oakland. T J McCord to whom it may concern..............Mar. 12, 1924
March 14, 1924—LOT 4 BLK. 11 Re-sub. of Blks. 9, 10, 11, 12, 13, 14, and portion of blk. 16, Rock Ridge Terrace, Oakland. Adele F. Christy to H. S. Pratt.........March 5, 1924
March 14, 1924—LOT 1 HILLVIEW Terrace, Oakland. John and Martin Olsen to whom it may concern. .... March 14, 1924
March 14, 1924—LOT 20 BLK. 34 Amended Map of Fairmount Park. Berkeley. Chas. A. McKenzie to Mac Donell & Foreman..Mar 12, '24
Mar. 15, 1924—PTN LOTS 4 AND 5 Blk "D" Map Claremont Tract, Oakland Tp., Berkeley. M and Sara M Gillespie to M Gillespie....... ....Mar. 15, 1924
Mar. 15, 1924—3322 STUART, Oakland. Wm F Silver and C L Tomlinson to whom it may concern... ....Mar. 10, 1924
Mar .15, 1924—NO. 3328 STUART ST., Oakland. Wm F Silver and C L Tomlinson to whom it may concern ....Mar. 10, 1924
Mar. 15, 1924—NO. 334 STUART ST., Oakland. Wm F Silver and C L Tomlinson to whom it may concern...................Mar 10, 1924
Mar. 15, 1924—NO. 4609 MARKET ST. Oakland. J M Parodi to whom it may concern........'..Mar. 12, 1924
Mar. 15, 1924—NO. 1349 WELLINGton St., Oakland. John Lehman to whom it concern......Mar. 14, 1924
Mar. 15, 1924—NO .3218-3222 GROVE St., Oakland. A A Richards to A Meyer... ....Mar. 14, 1924
Mar. 15, 1924—NO. 1407-1411 FOURteenth St., Oakland. Edw J Figone & Walter Moresi to Harry Wessel ....Mar. 14, 1924
Mar. 15, 1924—NO. 1639 WELLINGtor Ave., Oakland. Edw Berg to whom it may concern..Mar. 14, 1924
Mar. 14, 1924—NO. 442 ESTUDILLO Ave., San Leandro. F M Meher to whom it may concern..Mar. 14, 1924
Mar. 14, 1924—LOT 5 BLK "E" Lakeshore Hills, Oakland. H P Fisher to whom it may concern......... ....March 11, 1924
Mar 14, 1924—NO. 6021 MONADNOCK Way, Oakland. Annie M Hoffman to whom it may concern..Mar. 13, '24
Mar. 14, 1924—PTN LOTS 260 AND 261 E 104th Ave 50 S Pontiac St., Oakland Mrs. Elizabeth Weir to W C Comstock.........Mar. 13, 1924
Mar. 11, 1924—PTN LOT 2 BLK "P" Map E Piedmont Heights, Oakland. H M McIntier to whom it may concern.....................Mar. 13, 1924
Mar. 14, 1924—LOT 21 BLK E Lakeshore Hills, Oakland. W J Baker to Pete Pezzy.........Mar. 14, 1924
Mar. 14, 1924—BDED BY HEPBURN, Martinez, Saunders Sts. and S. P. right-of-way, Oakland. California Packing Corp to J Costello....... ....Mar. 8, 1924
Mar. 14, 1924—NO. 1029 SUNNY-hills Road, Oakland Blaine and Mrs. Blaine Klum to L M Baird... ....Mar. 12, 1924
Mar 14, 1924—NO. 1648 EIGHTY-seventh Ave., Oakland. T P Sanders to whom it may concern....... ....Mar. 14. 1924
March 17, 1924 — 651 FAIRMOUNT Ave., Oakland. S. A. Warner to whom it may concern..Mar. 15, 1924
March 17, 1924—NE 34 LOT 214, Map Dowling Homestead Tract, Oakland. Wm. H. Sims to whom it may concern.......... Mar. 17, 1924
March 17, 1924—3204-6-8-10 E 23RD St., Oakland. C. R. Squires to whom it may concern..Mar. 15, 1924
March 17, 1924—SE COR. CEDAR & Euclid, Berkeley. Mary E. Kingsley to S. J. Bertelsen..Mar. 15, 1924
March 17, 1924—LOT 36, MAP OF Jeanette Von Ah Tract, Oakland. S. Damgaard to who mit may concern .... March 8, 1924.
March 17, 1924—850 OXFORD ST., Berkeley. Sadie M. Hunter to whom it may concern...... March 14, 1924
March 17, 1924—W SIDE 79TH AVE. 300 S E-14th St., Oakland. J. Anderson to H. Tullock..March 17, 1924
March 18, 1924—LOT 1 BLK. 17, Daley Scenic Park, Berkeley. Sophie V. Culp to Brooks Parker.Mar. 17, '24
March 18, 1924—SE 42 LOT 15, BLK 16, Northbrae, Berkeley, Albany. Mary Ambrose to A. Hendrickson. .... March 18, 1924.
March 18, 1924—LOT 17, BLK. 24, Amended map of Fairmont Park, Berkeley. Dora L. and Edw. Holmes to C. G. Burns ..Mar. 13, 1924
March 18, 1924—LOT 42, BLK. 1, Berkeley Heights Tract, Berkeley. Amy K. Morton to E. H. Henderson .... March 14, 1924
March 18, 1924—LOT 6, BLK. 6, Map of Re-Sub. of por. of North Cragmont, Berkeley. Ora M. Conover to whom it may concern..Mar. 14, '24
March 18, 1924—E 43' 6" LOT 30, BLK. 6, Berkeley Heights, Berkeley Albert Hammarbirg to whom it may concern ......March 18, 1924
March 18, 1924—LOTS 22 AND 23, Blk. 2110, Map of the Alden Tract at Temescal, Oakland. A. Guidi to whom it may concern..Mar. 14, 1924
March 18, 1924—LOT 6, BLK. A, Lakeshore Terrace, Oakland. Robt. Parry Jones and Winifred Jones to whom it may concern.Mar. 4, '24
March 17, 1924 — 657 FAIRMOUNT Ave., Oakland. S. A. Warner to whom it may concern .Mar. 15, 1924
March 17, 1924 — 663 FAIRMOUNT Ave., Oakland S. A. Warner to whom it may concern..Mar. 15, '24
March 17, 1924—LOT 11 AND POR. lot 12, blk. T., Hollywood Re-Sub. of Oakland and San Leandro, San Leandro. G. R. Blsingame to whom it my concern........March 17, 1924
March 17, 1924—SE COR. 55TH AND Grove Sts., Oakland Aurelia H. Reinhardt and Geo. F. Buckingham to Buckingham & Henry..Mar. 15, '24
March 17, 1924—849 ERIE ST., Oakland. E. B. Leonard to whom it may concern.........March 17, 1924
March 17, 1924—POR. LOTS 15 AND 16, Blk. 3, Berkeley View Homestead, Berkeley. W. F. and Stella A. Gericke to Cox Bros..Mar. 15, 1924
March 17, 1924—1305 E 36TH ST., Oakland. C. M. Glantz to whom it may concern........ March 15, 1924
Mar. 19, 1924—LOTS 20, 23 AND 24 Blk 1, Amended Map of Fairmount Park, Albany. Helen Renton to Roy O Long Co..........Mar 17, 1924
Mar. 19, 1924—LOT 27 Blvd. Terrace, Oakland. M F Sommarstrom to whom it may concern..Mar. 19, 1924
Mar. 19, 1924—NO. 1130 SEVENTY-Fifth Ave., Oakland. Jas C Knust to whom it may concern..Mar. 14, '24
Mar. 19, 1924—PTN LOT 1 BLK "D" Sheet 3, Montclair Acres, Oakland. Geo Ernst to whom it may concern
Mar. 19, 1924—NO. 1112-18-24 75TH Ave., Oakland. Jas C Knust to whom it may concern..Mar. 18, 1924
Mar. 19, 1924—LOT 17 BLK 3, Northbrae, Berkeley. Margaret A Ingalsbe to C E Burks....Mar. 18, 1924
Mar. 19, 1924—SW BATTERY AND Commercial Sts., S. F. Federal Reserve Bank of S. F. to Symon Bros ....Mar. 10, 1924
Mar. 19, 1924—LOT 216 Map Madison Square Elmhurst, Oakland. Arletta E McFadden to A E Correia and C L Chappell......Mar. 18, 1924
Mar. 19, 1924—NO. 1300 BATES RD., Trestle Glen , Oakland. Jas B Grubb to whom it may concern... ....Mar. 18, 1924
Mar. 19, 1924—NO. 1290 BATES RD., Trestle Glen, Oakland. J B Grubb to whom it may concern.Mar. 18, '24

LIENS FILED

ALAMEDA COUNTY

Recorded — Amount

Mar. 13, 1924—PTN LOTS 7 AND 8 Blk 498 Revised Map or the Gibbons Property at Oakland Point, Oakland. John Arndt vs Jacob William and J Dater...........$148
Mar. 12, 1924—LOTS 5 AND 6 and Ptn Lots 4 and 7 Blk 592, W L F L Boardman's Map of Galindo Tract, Oakland. Cooley Hrdwood Mfg Co vs Solomon Brown, Joseph Kahn and Chas Daniels........$275
Mar. 12, 1924—NE SCENIC WAY & Seminary Ave, Oakland. Duner-Matheny Sash & Door Co vs R A Smith, John A and Mary Engman, John Doe, Richard Roe and John Doe Co $254.80
Mar. 15, 1924—NO. 2733 NINTH AVE. Oakland. Spencer Elec. Co vs Leo L and Clarence K Nichols.......$75
Mar. 15, 1924—NO. 824 E-TWENTY-fourth St, Oakland. Spencer Elec. Co vs Leo L & Clarence K Nichols $87.50
Mar. 15, 1924—W 15 LOT 10 and Lot 20 Blk 87, Hogan's Sub Highland Park ,Oakland. R E Ford vs E J McCord and Belle Rusco.... ...$132
Mar. 15, 1924—PTN BLK 16, Map of the Ppty of Berkeley Villa Ass'n., Berkeley. Sunset Hardware Co vs F Tanner, Robt S and Agnes C Leopold $240.43
March 14, 1924—2733 9TH AVE., Oakland. Contractors & Builders Supply Co. vs. Leo L. and Clarence K. Nichols $291.65
March 14, 1924—LOT 6 BLK. A, Map of Foothill Park, Brooklyn Tp., Oakland. The Rigney Tile Co. vs. R. A. Smith, John A. and Mary Engman $135.55
March 17, 1924—2733 9TH AVE., Oakland. Frank D. Moller vs. Clarence K. Nichols $139.32
March 18, 1924—2900 BROOKDALE Ave. J. H. Hunter vs. F. Stringer, John Doe, East Bay Realty Co..$290.
March 18, 1924—5651, 5655, 5675, 5677 Adeline St., and 911 57th St., Oakland. Tony Williams vs. E. L. Thornton .... $285.

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded — Amount

Mar. 12, 1924—LOT 3 BLK 10, Berkeley Heights, Berkeley. J F Thomas and Harry Meyer to W H Merrall $750
Mar. 11, 1923—LOT 3 Map of Dowling Place, San Leandro. H L Long (as Long Paint Co) to E J McCord, Glenn H and Delva S Shumaker.. ....$15.80
Mar. 11, 1924—LOT 19 and W 15 Lot 20, Hogan's Subdvn Blk 87 Highland Park, Berkeley. Duner-Matheny Sash & Door Co to E J McCord, John W and W J Kenney $392.52
March 18, 1924—LOT 18, BLK. 9, Map of Lakemont, Oakland. McGowan & O'Connor to Harry Williams.$306.
March 17, 1924—LOT 13 BLK. 9, Map of Eastlawn, Oakland. Fred Buzzell to Mary M. & T. R. Huling.. .. .. $225.00

May 19, 1924—PTN BLK 112 Map of Clinton, etc., Oakland. Mary Angello to Geo D Prentice.....$252
Mar. 19, 1924—NO. 890 MENDOCINO Ave, Berkeley, J H Finren and A A Arneson to Roy Simonds...$181.25

Notice of Non-Responsibility

ALAMEDA COUNTY

March 14, 1924—NW 17' 6" LOT 2, all lot 3 and SE 7' 6" lot 4 blk. 13, Map Key Route Heights, Oakland. Alameda Investment Co. as to improvements on pproperty.Mar. 11, '24
March 14, 1924—BLK. 15 MAP KEY Route Heights, Oakland. Alameda Investment Co. as to improvements on property .....March 12, 1924
March 14, 1924—SE 15 LOT 24 AND NW 22' 6" lot 25, blk. 14, Map of Key Route Heights, Oakland. Alameda Investment Co. as to improvements on property..Mar. 12, '24
March 14, 1924—POR. BLK. 15, KEY Route Heights, Oakland Alameda Investment Co. as to improvements on property .....Mar. 12, 1924

BUILDING CONTRACTS

SAN MATEO COUNTY

LOT 14 BLOCK 6 DINGEE PARK, Redwood City. All work for frame & stucco bungalow.
Owner—Julius F. & Clara Medvecky.
Architect—None.
Contractor—Harry C. Groom & C. Y. Uhlenberg 109 Warwick, Redwood City
Filed Mar. 7, 1924. Dated Mar. 6, 1924.
Roofed $1000
Brown coated 1000
Completed and accepted 1250
Usual 35 days 1250
TOTAL COST, $4500
Bond, $2500; Sureties, Wm. H. Pafflin and P. E. Brand; Forfeit, none; Limit, 120 working days; Plans and specifications filed.

REDWOOD CITY. Grading Redwood City Harbor spur.
Owner — Southern Pac. R.R. Co., 65 Market St., San Francisco.
Architect—None.
Contractor—E. L. Lilley.
Filed Mar. 10, 1924. Dated Mar. 1, 1924.
..... 75%
Usual 35 days 25%
TOTAL COST, $....
Bond, Sureties, Forfeit, none; Limit, 9 days; Plans and specifications filed.

BUNGALOW
NO LOCATION GIVEN. All work for a 6-room bungalow.
Owner — Wm. A. & Agnes G. Krasc, 1122A Stanyan, San Francisco.
Architect—E. E. Young, 2002 California St., San Francisco.
Contractor—U. S. Simonds et al, 251 27th Ave., San Francisco.
Filed Mar. 7, 1924. Dated Mar. 5, 1924.
Brown coated $1600
Stand finished 1600
Completed and accepted 1600
Usual 35 days 1600
TOTAL COST, $6400
Bond, Forfeit, none; Limit, before June 1924; Plans and specifications filed
RESIDENCE
LOT 2 PART OF LOT 1 & 14 & LOT 13 Blk 21, San Carlos. All work for frame and stucco residence and garage.
Owner—Arnold Hanscom, San Carlos.
Architect—Wolf & Higgins, 93 Auzerais Bldg., San Jose.
Contractor—W. P. Greene, Campbell.
Filed Mar. 12, 1924. Dated Mar. 11, 1924.
Rafters up $1771.25
Brown coated 1771.25
Completed and accepted.... 1771.25
Usual 35 days 1771.25
TOTAL COST, $7085
Bond, $3542; Sureties, E. P. Greene & Ralston Alison; forfeit, none; Limit, 98 working days; Plans and specifications filed.

BUNGALOW
LOT 4 BLK 18 DINGER PARK, Redwood City. All work for stucco bungalow.
Owner—Tony Cassaretto, 376 Broadway, Redwood City.
Architect—None.
Contractor — Russell & Duncan, Redwood City.
Filed Mar. 13, 1924. Dated Mar. 12, 1924.
Framed $2000
Brown coated 1500
Completed and accepted 800
Usual 35 days 385
TOTAL COST, $4685
Bond, Forfeit, Limit, none; Plans and specifications filed.

BUNGALOW
LOT 3 BLK 8 EASTON, Burlingame. All work for frame huigalow.
Owner—Guido and Serra Martinuzzi, San Mateo.
Architect—None.
Contractor—Creighton & Warren, San Mateo.
Filed Mar. 10, 1924. Dated Mar. 8, 1924.
Framed $1265
Brown coated 1265
Completed and accepted 1265
Usual 35 days 1264
TOTAL COST, $5059
Bond, Forfeit, Limit, none; Plans and specifications filed.

ADDITION, brick store bldg., $10,000; 253 255 257 B St., San Mateo; owner L. H. Castle; contractor, S. A Born Bldg. Co., Glazenwood, S. M county.
BUNGALOW and garage, $5800; Lot 6 Blk 20 Cortege Ave., Burlingame; owner, D. H. Crawfort; contractor, Ivan Peterson Bldr, 731 El Camino Burlingame.
BUNGALOW and garage, $4000; Lot 23 Blk 17 Capuchino, Burlingame; owner, H. H. Putman, 2508 Easton, Burlingame.
BUNGALOW and garage, $4000; Lot 24 Blb 17 Capuchino Ave., Burlingame owner, H. H. Putman, 2508 Easton, Burlingame.
BUNGALOW and garage, $4000; Lot 25 Blk 17 Capuchino Ave., Burlingame owner. H. H. Putman, 2508 Easton, burlingame.
BUNGALOW and garage, $5000; Lot 9 blk 3 Laguna Ave., Burlingame; owner, John Ladoncluw.
BUNGALOW and garage, $5000; Lot 3 Blk 8 Laguna Ave., Burlingame; owner, Guido Martinezzi; contractor, J. D. Chrichtin.
ALTERATIONS and additions, $2000; 1110 Bayswater Ave., Burlingame; owner, Mrs. Canape.

COMPLETION NOTICES

SAN MATEO COUUTY

Recorded Amount
March 14, 1924—LOT 4 BLK 4 EL Cerrito Park No. 3, Harry T Blackwood to Lawton & Vezey.....March 12, 1924
March 13, 1924—NE ½ LOT 4 & ALL of 5 Fair Oaks Acres. Charles Miller to whom it may concern.....March 13, 1924
March 15, 1924—LOT 15 BLK 4 Burlingame Grove. M. C. Warnack to whom it may concern..March 7, 1924
March 17, 1924—PART LOT D SALLY Tract. Atherton. Willie Belle Brandon to Louis N. Pollard.....February 26, 1924
March 17, 1924—LOT 8 BLK 31 EASton Add, Redwood. Eugene H. and Augusta K. Plecq to M. J. Messik .....March 13, 1924

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
March 14, 1924—E ½ LOT 21 BLK 124 South San Francisco. South City Lumber & Supply Co. vs Charles Ballazzi & Son $278.79

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
March 11, 1924—LOT 4 BLK 9 Burlingame Add. to Burlingame. U. S. Simonds to whom it may concern .....Feb. 29, 1924

BUILDING CONTRACTS

CONTRA COSTA COUNTY

PERMITS

APARTMENTS, two-story frame (4), $8100; W 21st St., bet. Nevin and Barrett Sts., Richmond; owner, H. A Woodard, Los Angeles; contractor, W. Snelgrove, 160 18th St, Richmond.
DWELLING, one-story frame, $2700; S-Clinton St., bet. 19th and 20th Sts., Richmond; owner, W. A. Irish, 1415 Chestnut St., Oakland; contractor, Tandy & Thies, 234 Chanslor St., Richmond.
DWELLING, one-story frame, $2500; SW 10th and Pennsylvania Sts., Richmond; owner, Fred C. Hosking 459 5th St., Richmond.
ADDITION, one-story brick to service station, $3900; SE 22nd and Macdonald Ave., Richmond; owner, Stowall Land Co., 709 Monadnock Bldg., San Francisco.
DWELLING, one-story frame, $3500; W Dimm St., bet. Barrett and Roosevelt Sts., Richmond; owner J. A. Snyder, Eureka, Calif.; contractor, N. E. Anderson, 2030 Roosevelt St., Richmond.
DWELLING, one-story frame, $4200; W 37th St., bet. Cutting and Wall Sts., Richmond; owner, L. Poinelli, 38th and Wall Sts., Richmond; contractor, J. A. Fagestrom, 1135 Chanslor St., Richmond.

BUILDING CONTRACTS

FRESNO COUNTY

$5,000 and Over Reported

ADDITIONS and alterations, $8000; No. 1426 E St., Fresno; owner, Harvey Barb; contractor, Shorb & Neads.
CREAMERY BLDG., $11,500; No. 750 E St., Fresno; owner, Danish Creamery, E and Inyo Sts., Fresno; architect, Ernest J. Kump, Rowell Bldg., Fresno; contractor, Bundle & Bebeau.
DWELLING, $5000; No. 1104 San Pablo Ave., Fresno; owner, F. D. Sweeney 3212 Alta St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
Mar 7, 1924—LOT 20 W ½ Lot 19 Blk 2, Hartley Addition, Fresno. A Miroyan to Drake & Richard.....March 1, 1924
Mar. 8, 1924—LOTS 43 AND 44 BLK 3, High Addition No. 4, Fresno. Geo E May to whom it may concern .....Mar. 8, 1924
Mar. 8, 1924—LOTS 16 AND 17 BLK 16, College Park, Fresno. A J Lucas to whom it may concern.....March 8, 1924
Mar. 8, 1924—LOTS 7 AND 8 BLK 3, Washington Heights, Fresno. C D Edgerly to whom it may concern.....March 5, 1924
Mar. 11, 1924—W 50 LOT 2 BLK 5, Hazelwood Addition, Fresno. J W Bandy to whom it may concern.....March 9, 1924
Mar. 11, 1924—LOT 5 S 15 Lot 6 Blk 8, Ventura Heights, Fresno. C E Brodeuer to whom it may concern .....March 10, 1924b
Mar. 11, 1924—W 8⅓ LOTS 30 & 31 Blk 2, Fresno Heights, Fresno. W J Plafney to whom it may concern .....Mar .10, 1924

Mar. 12, 1924—S ½ LOT 11 all Lot 12 Blk 1, Copeland Addn, Fresno. H M Dart to whom it may concern .....March 10, 1924
Mar. 12, 1924—LOTS 14, 15 AND 16 Blk 68, Fresno. S. J. L. & P. Co to Luppen & Hawley....Mar. 11, 1924
March 13, 1924—LOTS 3 & 4 BLK 11 New High School Addition. A. F. Wood to whom it may concern.. .....March 12, 1924
March 13, 1924—LOT 11 BLK 1 BLVD Gardens, Fresno. F. M. Lambley to whom it may concern..Mar. 13, 1924
March 13, 1924—LOTS 3 & 4 BLK 4, Fresno. J. A. Whitaker to whom it may concern .....March 13, 1924
March14, 1924—LOTS 17 & 18 BLK 9 Sierra Vista Addn, Fresno. Conval A. Anderson to whom it may concern .....March 5, 1924
March 14, 1924—LOTS 3 & 4 BLK 1 Torrance Terrace, Fresno. E. D. Guynn to whom it may concern.. .....March 13, 1924
Mar. 15, 1924—LOT 6 E 17 LOT 7 BLK 2, St. Francis Wood, Fresno. John G Porter to whom it may concern .....March 14, 1924
Mar. 15, 1924—LOTS 31, 32 AND 36 S ½ Lot 37, Nishkian Tract, Fresno. W H Esworthy to whom it may concern.....Mar. 15, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
Mar. 11, 1924—LOTS 19 AND 20 Cal. Avenue Heights, Fresno. Maisler Bros vs Florentine Romo $214
Mar. 12, 1924—LOT 10 BLK 2, Star Addition, Fresno. Maisler Bros vs J C Albee $181
Mar. 12, 1924—LOT 5 BLK 10, Fresno Heights, Fresno. M Kellner & Son Lumber Co vs August Schwabenland $50
Mar. 12, 1924—L AND TUOLUMNE Sts. (Y. W. C. A. Bldg.), Fresno. E H Richardson vs Julia Morgan and R F Felchlin Co.....$519
March 14, 1924—LOTS 35 & 36 BLK 6 Roeding Addition, Fresno. C. J. Filgas vs Sam Sale $22
March 14, 1924—LOTS 17 & 18 BLK 25 Belmont Add., Fresno. Routt Lumber Co., Inc. vs H. H. Baker.$202
Mar. 15, 1924—LOTS 12 AND 13 BLK 8, Palm Grove, Fresno Routt Lumber Co, Inc, vs B F Spingatch $44
Mar. 18, 1924—LOTS 12 TO 15 BLK 2 Bloomington Add'n. Fresno. Routt Lumber Co vs E A Sorensen....$113
Mar. 18, 1924—LOTS 35 AND 36 BLK 6, Roeding Add'n, Fresno. W C Scott vs Sam Sale.....$110
Mar. 18, 1924—LOTS 35 AND 40 BLK 6, Roeding Add. Fresno. Maisler Eros vs Sam Sale.....$610
Mar. 18, 1924—LOTS 27 AND 28 BLK 5, Dean Park, Fresno. C G Cowieson vs Thos M Markle.....$90

BUILDING CONTRACTS

SANTA CLARA COUNTY

COTTAGE
W N-FIFTH ST., between Empire and Jackson Sts, San Jose. All work for one-story frame cottage.
Owner—Rose Aversente, San Jose.
Architect—Charles S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—E. E. Weldon, 115 N-33rd St., San Jose.
Filed Mar. 14, '24. Dated Mar. 14, '24.
Frame up $1900
1st coat plaster on inside..... 1900
House completed 1900
Usual 35 days..... 1900
TOTAL COST, $7600
Bond, $4000. Sureties, G. R. Abraria and Joseph Russo. Limit, 90 days from March 14, 1924 Forfeit, none. Plans and specifications filed.

SCHOOL
LAND SITUATED IN EASTERN FOOT-hills on the Mt. Pleasant Road nr. Town of Evergreen. All work for school building.
Owner—Trustees Mt. Pleasant School District, Everygreen, Cal.
Architect—Charles S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—Frank Nevis.
Filed Mar. 14, '24. Dated Mar. 14, '24.
Frame erected $2294.25
1st coat plaster on..... 2294.25
Additions & other work comp 2294.25
Usual 35 days..... 25%
TOTAL COST, $9177.00
Bond, $5000. Sureties, S H Chase and Geo. H. Martin. Limit, 70 days from and after June 17, 1924. Forfeit, none. Plans and specifications filed.

RESIDENCE
LOS GATOS-SARATOGA ROAD. All work for residence and garage.
Owner—C. S. and Alice E Howland.
Architect—Binder & Curtis, 225½ S-First St., San Jose.
Contractor—Wm. Meyer, San Jose.
Filed Mar. 8, '24. Dated Mar. 7, '24.
Completion of work..... 75%
Usual 35 days..... 25%
TOTAL COST, $9540
Bond, $5000. Sureties, Homer J. Langdon and Leroy Fisher. Limit, forfeit, none. Plans and specifications filed.

RESIDENCE
MAGDALENA AVE., 1 3 miles from Springer Station near Las Altos, (consisting of 34 acres). All work for residence.
Owner—Robert and Dorothy A. Weinstock, Springer Road, Los Altos.
Architect—Charles K. Summer, 57 Post St., San Francisco.
Contractor—Osborne & Knight.
Filed Mar. 8, '24. Dated Mar. 1, '24.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $18,628
Bond, $9314. Sureties, James H. Pierce and Paul M P. Werner. Limit, forfeit, none. Plans and specifications filed.

GAS service station, $1000; Ninth and Keyes Sts., San Jose; owner, Swan & McDaniel.
COMMERCIAL garage, $2500; No. 633 N-13th St., San Jose; owner, Joe Balestin.
STORE and residence, $10,000; Santa Clara and 25th Sts., San Jose; owner, N Vicari, Reed Ave., San Jose; architect, Wyckoff & White, Growers Bank Bldg., San Jose; contractor, Nordeen & Romie.
COTTAGE, 3-room, $1500; No. 720 S-Eighth Sts., San Jose; owner, Mrs. A. McCrimmon; contractor, Jas. Perkins, 1652 E-Santa Clara St., San Jose.
COTTAGE, 5-room, $5600; 15th St. near Washington St., San Jose; owner, E. Delmaestro, 424 W-Julian St., San Jose.
COTTAGE, 5-room, $4000; 17th St. near Julian St., San Jose; owner, Caro Ferari, Story Road near McLaughlin St., San Jose; contractor, Wm. H O'Neil, 500 N-15th St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Mar. 15, 1924—LOT 15, J. M. Nelson's Nob Hill Sub., San Jose. Carrie and Wilfred H Dexter to whom it may concern.....Mar. 10, 1924
Mar. 15, 1924—SW MIDDLEFIELD 100 SE Channing SE 50x 150 Ptn Lot 4-B 74, Palo Alto. Herbert F Cook to whom it may concern.... .....March 13, 1924
Mar. 17, 1924—SW WEBSTER 150 NW Kingsley Ave NW 50 L SW 150 L SE 50 L NE 150 being Ptn Lot 3 Blk 80, Palo Alto. W B Reese to whom it may concern..Mar. 15, 1924
Mar. 17, 1924—LOT 11 BLK 2, Lincoln Residence Park, San Jose. Kimball Grant to whom it may concern .....March 15, 1924
Mar. 17, 1924—SW LOCUST ST. dist NW on Locust 470 NW Colfax St. NW 47 SW 171 44 SE 48.78 NE 184.50 to beg, San Jose. Henry & Susan B Jaeger to whom it may concern.....Mar. 17, 1924
Mar. 18, 1924—LOT 3 BLK 3, Alba Park, San Jose. Ena Lemos Ford to whom it may concern..Mrr. 17, '24
Mar. 18, 1924—NW POLHEMUS 120 NE Lourel NE 40 NW 145 SW 40 SE 145 Ptn 1 Blk 28, University Grounds. Ralph J. Sharp to whom it may concern..Mar. 18, 1924
Mar. 7, 1924—LOT 19 Naglee Park Addn., San Jose. Katherine T & Mary G Tormey to whom it may concern.....Mar. 17, 1924
Mar. 12, 1924—E RACE ST. 387½ S The Alameda S 62½x188 Ptn Lot 12 Suh of Los Coches Ranch, San Jose. E C Hamlin to whom it may concern.....Mar. 11, 1924
Mar. 12, 1924—LOTS 4 AND 5 J. A. Norton Sub, Los Coches Rancho, San Jose. S Troia to Charles E Tanner .....Mar. 4, 1924
Mar. 12, 1924—PTN LOT 6 BLK 7, Hanchett Residence Park, San Jose. Oscar A & Lillian R Hanck to whom it may concern.Mar. 12, '24
Mar 12, 1924—LOT OF LAND ON E side of S. P. Track on N side Odd Fellow St., Gilroy. Trustees of Gilroy High School District to W K Nottingham.....Mar. 10(1924
Mar. 12, 1924—NO. 472-476 S-NINTH St., San Jose. Oren P Holaday to whom it may concern..Mar. 12, 1924
Mar. 13, 1924—THE HANCHETT CT. Subdivision, San Jose. Joe J Ferreira to M E Kilcourse.Mar. 13, 1924
Mar. 13, 1924—LOT 5 BLK 45, Palo Alto. Edwin L Taylor to whom it may concern.....Mar 11, 1924
Mar. 13, 1924—N EMERSSON ST., bet. Hamilton and Forest Aves., Palo Alto. Warren Furniture Co to Wells P Goodenough....Mar. 10, '24
Mar. 13, 1924—CENTER MERIDIAN Road and N Willow St. E Willow 130x200 being Ptn Los Coches Rcho, San Jose. Harry B and Eva Mitchell to whom it may concern.. .....Mar. 11, 1924
Mar. 14, 1924—E S. P. Track and on N Odd Fellow St., Gilroy. Trustees Gilroy High School District to E Nommensen, Mar. 10, 1924; Wm F Serpa.....Mar. 10, 1924
Mar. 14, 1924—LOT 7 BLK 1, Cline Sbdvn, San Jose. D M Cline to whom it may concern..Mar. 13, 1924

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
March 17, 1924—LOT 10 BLOCK 15 Chapman & Davis Tract, San Jose. H. B. Miller, Frank J Fisher, L. J. Van Dalsem (as Miller Plumbing Co.). vs. Louise and Bert Langley $305.00
Mar. 14, 1924—BEG. 1371 N of intersection NW Cor. Franklin School Lot and NE Monterey Road th 210 E 60 S 80 E 170 N 130 W 200 NW 170 to beg, San Jose. G E Lenzen Co vs Southern Pacific Co....$52.10
Mar 14, 1924—SW SENECA 150 SE Hamilton SE on Seneca 150 L SW 112-6 L NW 75 L SW 50 L NW 75 L NE 162.6 to Seneca and beg., San Jose. Wells P Goodenough vs Annie H King and H A King.$229.89
Mar. 14, 1924—NE MONTEREY RD 157 NW Fourth SE 210 NE 60 SE 70 NE 170 N W130 SW 200 NW 170 to beg, San Jose. C V Whalley vs Southern Pacific Co.....$465.88
Mar. 6, 1924—LOTS 5 AND 6 Lake House Tract, San Jose. Elwood Hiatt vs A B Pickett.....$6362.58
Mar. 6, 1924—BEG. 1371 N of NW Franklin School th 210 S on road, San Jose. Sunset Lumber Co vs The Southern Pacific Co....$1209.90
Mar. 7, 1924—LOTS 5 AND 6 Lake House Tract, San Jose. Southern Lumber Co vs A B Pickett...$2015.42
Mar. 8, 1924—LOT 10 BLK 6, Crossman's Sub to Town of Sunnyvale. W C Duckgeischel (as Growers' Lumber Co) vs John De Nello..$71.13
Mar. 8, 1924—BEG 1371 N intersection NW Franklin School Lot and NE Monterey Road S 210 E 60 S 80 E 170 N 130 to S P Rd. The Farmers Union vs Southern Pacific Co.... .....$303 58
Mar. 10, 1924—S 69 LOT 4 by depth of 147.5, Cristina Subdivision No. 1 San Jose. Southern Lumber Co vs Carl W and Elizabeth Cook..$220.89
Mar. 10, 1924— BEG 1371 N intersection of NW Franklin School Lot & NE Monterey Rd. A E Holmes & W L Holmes (as San Jose Hardware Co.) vs The Southern Pacific Co $49.92
Mar. 10, 1924—BEG 1371 N intersection NW Franklin School Lot and NE Monterey Road th 210 S on NE Monterey Road th 60 E at L to Monterey Road th 80, San Jose. Fred Doerr vs The Southern Lumber Co $275.55
Mar. 11, 1924—LOTS 5 AND 6, Lake House Tract, San Jose. Charles Buettner, $180; James Hiatt, $268; Henry Hiatt, $189; P J Miranda, $295; W M Field, $260; P E Buck, $256 vs A B Pickett.....

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Accepted

March 15, 1924—LOT 12 BLOCK 1, Mt. Hamilton View Park, San Jose. Arthur Clarence Anderson and Alfred Elenwood Borthwick to Real Estate Sub. Company, J. H. Daniels and S. J. Norton . . .$85.57

March 18, 1924—LOT 4 BLOCK J Belleview Tract, San Jose. Southern Lumber Co. to Adele Marshall. $157.13

Mar. 6, 1924—LOT 1 BLK 13, Evergreen Park, San Jose. Frank X Farry to Nick Purkett.....$46.81

Mar. 6, 1924—LOT 3 Sbdvn of Sierra Vista Addn, Weeks Home Ranch Colonies. J W Carpenter to Edwin S Williams and William R Neubauer $133

Mar. 7, 1924—11.69 ACRES being Ptn of SW ¼ of Sec 12 Tsp S S R 1 W, San Jose. Southern Lumber Co to Rose and A Cracolice.....$217.95

Mar. 8, 1924—LOT 3 Sub of Sierra Vista Addition, San Jose. Frank B Weaver (as Weaver Electric Co) to Edwin Williams $241.25

Mar. 10, 1924—LOT 1 BLK 43, Naglee Park Tract Survey 1 F 2 Maps 15, San Jose. Pacific Mfg Co to Peter Swanson $2198.45

Mar. 10, 1924—LOTS 6 AND 7 BLK 17 Lendrum Tract and Brassy-Ahlers Tr B Maps 75, San Jose. Pacific Mfg Co to Annie Scorsur....$1147.25

Mar. 10, 1924—LOT 10 BLK 17, Lendrum Tract, San Jose. Pacific Mfg Co to E Scorsur $1147.25

Mar. 10, 1924—ALL LOT 5, Santa Teresa Rcho, except 35.87 acres to Dawson by deed recorded Jan. 26, 1923. Pacific Mfg Co to J H Swickard $2368.73

Mar. 13, 1924—NE VINE ST, dist 288.36 from SE Auzerais Ave and Vine St. SE 43.2 NE Auzerais 150.16 NW Vine 43.22 SW 150.16, San Jose. A J Raisch to Charles W Hawes... .....$178.28

Recorded Amount

Mar. 14, 1924—W 53 LOT 2 BLK 30 Naglee Park Tct, San Jose. Joseph Russo and G R Abraria (as Williams & Russo) to John Taylor... ..... $144.65

Mar. 14, 1924—W 53 LOT 2 BLK 30 Naglee Park Tct, San Jose. Joseph Russo and G R Abraria (as Williams & Russo) to J C Thorp and John Taylor .....

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

ALTERATIONS

TENTH AND R STS. on S ¾ Lots 6, 7 and 8, Q. R. 10th and 11th Sts., Sacramento. All work for alterations and additions.

Owner—W. P. Fuller & Co., 1016 2nd St., Sacramento.

Architect—None.

Contractor—Scott Plumbing & Electric Co., 723 K St., Sacramento.

Filed Mar 7, '24. Dated Mar. 7, '24. TOTAL COST, $1400

Bond, limit, forfeit, plans and specifications, none.

ADDITIONS

NO. 1413 J ST., Sacramento. All work for additions and alterations to office building.

Owner—Pacific Tel. & Tel. Co., 822 J St., Sacramento.

Architect—None

Contractor — Wm. Murcel, Ochsner Bldg., Sacramento.

Filed Mar. 7, '24. Dated Feb 29, '24. TOTAL COST, $137.537

Bond, limit, forfeit, none. Plans and specifications, none.

LOTS 6 7 8 Q R 10 11, Sacramento. Alterations and additions to building.

Owner—W. P. Fuller & Co., 310 Mission St., San Francisco.

Architect—Hemmings & Starks, Ochsner Bldg., Sacramento.

Contractor—Electric Supply Co., 404 11th St., Sacramento.

Filed Mar. 11, 1924. Dated Mar. 11, 1924. Payments not given. TOTAL COST, $1591.50

Bond, Forfeit, Limit, Plans and specifications, none.

DWELLING, one-story 5-room, $2500; No. 1224 34th St., East Sacramento; owner, Carl Koch, 3418 L St., Sacramento.

DWELLING, one-story 5-room and garage, $3000; No. 1449 51st St., Sacramento; owner, Chas. Brier, 1720 L St., Sacramento; contractor, E. D. Brier, 2809 S St., Sacramento

DWELLING, 1-story 5-room, $8000; No. 1433 51st St., Sacramento; owner, Chas. Brier; contractor, E. D. Brier.

DWELLING, 2-story 6-room and garage, $7000; No. 1064 41st St., Sacramento; owner, C. C. Canfield, 617 26th St., Sacramento; contractor, E. D. Brier.

DWELLING, one-story 5-room and garage, $6000; No. 2941 —— St, Sacramento; owner, Geo. W. Wade, 1319 P St., Sacramento; contractor, N. H. Bateman, 3933 H St., Sacto.

DWELLING, one-story 5-room and garage, $2600; No. 3948 Sherman Way, Sacramento; owner, W. L. Wilson, 3932 Sherman Way, Sacramento; contractor, F. O. Noel, 3023 Sacramento Blvd., Sacramento

DWELLING, one-story 5-room and garage, $5000; No. 1154 37th St., Sacramento; owner, L F. Gould, 1623 O St., Sacramento.

DWELLING, one-story 5-room, $3500; No. 2417 27th St., Sacramento; owner, J. W. Bobick, 1705 J St., Sacramento; contractor, T. B. Hunt, 2928 S St., Sacramento.

DWELLING, one-story 5-room and garage, $2500; No 3472 12th St., Sacramento; owner, A. E. Patrick, 1800½ I St., Sacramento.

WAREHOUSE, 3-story, $45,360; No. 1001 R St., Sacramento; owner, W. P. Fuller Co., 10th and R Sts., Sacramento; contractor, Herndon & Finnigan, 1814 17th St., Sacto.

DWELLING, one-story 4-room and garage, $5000; No. 1520 W St., Sacramento; owner, Joe Alesio, 1706 S St., Sacramento; contractor, M. A Fratis.

DWELLING, 1story 5-room and garage, $4000; No. 554 37th St., Sacramento; owner, Wm. McAdams, 821 8th St., Sacramento; contractor, Thos. B. Hunt.

DWELLING, one-story 5-room, $3550; No. 555 37th St., Sacramento; owner, H. C. Darling, 821 8th St., Sacramento; contractor, Thos. B Hunt

DWELLING, one-story 5-room and garage, $4000; No. 580 37th St., Sacramento; owner, J. C. Trumlow, 821 8th St., Sacramento; contractor Thos B. Hunt.

DWELLING, one-story 6-room and garage, $2900; No. 1824 39th St., Sacramento; owner, W. H. and Z. V. Phillips, 3046 39th St., Sacramento

DWELLING, one-story 6-room and garage, $3200; No 2710 Curtis Way, Sacramento; owner, C. J. Hopkins, 1318 25th St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted

Mar. 1, 1924—N 60 LOT 5 J, K, 9th and 10th Sts., Sacramento. A A Trueblood and Herman T Silvius to whom it may concern..Feb. 28, '24

Mar. 6, 1924—N ½ LOT 6 BLK 26, So. Sacramento. Shafter J Aldrich to whom it may concern...Mar. 6, 1924

Mar. 6, 1924—LOT 49 Edgemont. Ed R Leebe to whom it may concern... .....Feb. 29, 1924

Mar. 5, 1924—LOT 3734 Elmhurst exc S 45 ft., Sacramento Victor Stotts to whom it may concern..Mar. 1, '24

Mar. 6, 1924—LOT 1430 W & K Tract 30, Sacramento. Helen Tracy to whom it may concern...Mar. 1, 1924

Mar. 11, 1924—TWELFTH AND B Sts, Sacramento. Southern Pacific Co to whom it may concern..... .....Feb 28, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount

Mar. 6, 1924—N 60 LOS 8, I, J, 10th and 11th Sts., Sacramento. W P Fuller & Co vs Phyllis K & Arthur H Lamb $3543.70

Mar. 11, 1924—LOT 2 BLK B Hagginwood Sub 5, Sacramento E S Carpenter (Western Lumber Co) vs Cecil R Kleinsorge and C S Watson $170.85

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

STOCKTON HIGH SCHOOL, Stockton. All work to complete work required for furnishing and installation of electric switch board fixtures etc. and stage equipment for auditorium.

Owner—Board of Education, Stockton.

Architect—None.

Contractor — Edward L. Gnekow, 647 E Main St., Stockton.

Filed Mar. 17, 1924. Dated Mar. 13, 1924. Payments not given. TOTAL COST, $2994

Bond, Forfeit, none; Limit, 20 days from date of signing; Plans and specifications filed.

DWELLING and garage, $4000; 608 North Orange, Stockton; owner, C. F. Anderson, 1335 E Weber Ave., Stockton.

DWELLING, $7500; 31 West Poplar, Stockton; owner, M. Fontana.

DWELLING and garage, $2500; 1121 West Park, Stockton; owner, J. B. Jackson.

OFFICE BLDG., $500,000; 13, 15 and 17 North Sutter, Stockton; owner, Commercial & Savings Bank, Com. Svgs. Bank Bldg., Stockton.

STORE BLDG., $60,000; 323 325 East Weber Ave., Stockton; owner, Dr. G. E. Hodgkins; archt. & contr., Davis-Heller-Pearce Co., Delta Bldg., Stockton.

RESIDENCE and garage, $5000; 841 North Orange, Stockton; owner, V. D. Vaio.

RESIDENCE and garage, $5000; 1320 West Popular, Stockton; owner, V. D. Vaio.

DWELLING and garage, $5000; 845 North Orange, Stockton; owner, V. D. Vaio.

DWELLING and garage, $4000; 453 North Regent, Stockton; owner, G. P. Maddock.

DWELLING and garage, $2800; 334 East Ninth St., Stockton; owner, C. T. Miller, 1935 S Sutter, Stockton.

DWELLING and garage, $5000; 1207 West Willow St., Stockton; owner F. P. Dobson, 1045 Vernal Way, Stockton.

DWELLING and garage, $3400; 406 East Cleveland, Stockton; owner, Voll Lambert.

DWELLING and garage, $9000; 903 No. Harrison, Stockton; owner, Mrs. George Kern.

DWELLING and garage, $4250; 1349 Oxford, Stockton; owner, R. A. Russel.

TRANSFORMER & SHED, $3100; Van Buren and Lafayette Sts., Stockton owner, Western States Gas & Electric Co., Chnl & Sutter Sts., Stockton.

DWELLING and garage, $5500; 902 904 West Park St., Stockton; owner, C. A. Towne.

DWELLING and garage, $5500; 639 641 N San Jose St., Stockton; owner, Stockton Mill & Wrecking Co.

DWELLING, $12,000; 717 West Poplar St., Stockton; owner, E. O. Sylvester.

DWELLING and garage, $3400; 1570 West Poplar St., Stockton; owner, K. T. Howe.

DWELLING and garage, $2750; 2257 East Myrtle St., Stockton; owner, K. T. Byers.

DWELLING and garage, $4000; 945 West Flora St., Stockton; owner, A. Bunning.

DWELLING $2500; 412 North Pilgrim St., Stockton; owner, J. E. Garrow, 527 N Pilgrim St., Stockton.

REMODEL, $2500; 245 North El Dorado St., Stockton; owner, El Dorado Syndicate.

DWELLING, $3000; I East Geary St., Stockton; owner, G. Salzgabel.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted

March 11, 1924—LOT 14 BLOCK 2 Lakeside Terrace, Stockton. James A. Salter to whom it may concern .....March 6, 1924

March 12, 1924—LOT 5 BLOCK 8 West Park, Stockton. Leland W. Route to Wm. C. Braasch. Mar. 5, '24

GLASS

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
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Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

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FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., MARCH 29, 1924

Published Every Saturday
Twenty-fourth Year No. 13

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210 American Bank Building

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Warehouses
San Francisco Oakland
San Rafael

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Comfort

Board

For Sale by All Lumber and Building Material Dealers

KOEHRING

The **Heavy Duty Mixer**

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Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

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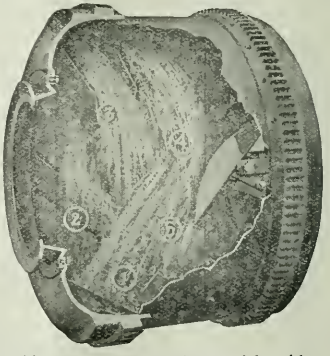
Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., MARCH 29, 1924 — Twenty-fourth Year No. 13

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PACIFIC PORTLAND CEMENT COMPANY OFFERS NEW STOCK

An offering of additional shares in the Pacific Portland Cement Company, Consolidated, on the basis of increasing the capitalization from 60,000 shares of $100 par stock to 100,000 shares of no-par stock and the sale of these 40,000 new shares to stockholders at $50 each is announced by Robt. B. Henderson, president.

The expansion campaign carried on by the company during the past year is given as the reason for the additional financing. The plaster plant at Gerlach, Nev., of 500 tons per day capacity will involve a total expenditure in excess of $1,530,000. Another plaster plant in Southern California will cost about $1,250,000.

In order to add to its cement output the company has purchased 30,000 acres of tideland oyster shell beds in the south arm of San Francisco bay and has under construction a mill at an initial capacity of 2500 barrels per day at Redwood City harbor.

The total cost of improvements and additions is given as about 1,500,000 and the directorate has decided that a new stock issue is the best method to raise $2,000,000 of additional capital. A special meeting of stockholders has been called for May 23 to ratify the plan under which they will be offered two new shares for each three shares now held.

FOREIGN HIGHWAY BUILDERS TO WITNESS DEMONSTRATION

The first open air demonstration of road building methods and machinery will take place in North Carolina June 4, 5, 6 and 7. The American Road Builders' Association has accepted the invitation of the North Carolina State Highway Commission to hold such a demonstration or 'shirt sleeve road show" as it has been christened by Frank Page, President of the American Road Builders' Association.

The Pan-American Highway Commission, consisting of a group of about forty leaders in the highway movement in the various countries of South and Central America, will be in North Carolina at that time. These distinguished visitors will visit the shirt sleeve show, and the American Road Builders' Association accepted the invitation of the North Carolina State Highway Commission in order that it might do its full share to assist the members of the Pan-American Highway Commission in their study of highway conditions in the United States.

Hitherto, all exhibits of road building machinery in the United States have been held indoors where it was impossible to put the machinery actually at work. For this reason the North Carolina show will be of unusual interest. The Pan-American Highway Commsision, as well as engineers from other foreign countries who may be in the United States at that time, will have an opportunity to see the latest types of machinery in operation under ordinary working conditions.

Since its organization, more than 20 years ago, the American Road Builders' Association has been in the forefront of the nation's great movement for more and better roads. For a great many years, it has conducted during the winter its annual convention and national good roads show which have become known wherever road construction is discussed. The decision to hold a shirt sleeve show in North Carolina this spring is another forward step. C. M. Upham, Business Manager of the American Road Builders' Association, will be in active charge.

North Carolina has been selected as the scene of this open air demonstration not only because of the fact that it extended an invitation to the American Road Builders' Association, but also because it is well recognized as one of the most progressive road building states in the United States at the present time. It also largely by reason of its situation and topography is developing roads of varying types. For that reason, it was chosen by the Highway Education Board as the state to which the distinguished visitors will be taken at the outset of their trip.

By accepting North Carolina's invitation to hold its open air field demonstration in that state, the American Road Builders' Association has also approved the choice of North Carolina as a progressive highway state, well fitted in every way to display to the visitors from the other Americas a typical cross section of the nation's vast road program

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San Jose will pave approximately 17 miles of streets during the year 1924, according to an announcement of Wm. Fopp, City Engineer.

SHARP INCREASE IN BUILDING IN LARGER CITIES

A marked increase in building activities, especially evident in the February reports of building permits issued in 67 cities of seven western states as tabulated in the Pacific Coast section of the National Monthly Building Survey of S. W. Straus & Co.

A total of $41,422,646 in building permits was issued in these cities during February. This shows a general increase of 15 per cent over the total for last Feburary, a gain of 3 per cent over the total for January of this year, and an increase of 85 per cent over the total for February of 1922.

An analysis of building reports from those cities whose records covering several years are available, indicates that building activities of this year are not only relatively much greater but are less influenced by a customary midwinter depression than in former years.

The most notable recovery from seasonal influence is reported from Spokane, the February figures, $273,108, showing a gain of 394 per cent over those of January, 96 over those of last February and 106 over February of 1922.

Los Angeles, with a February total of $16,083,412, shows a gain of 22 per cent over January, a 33 per cent gain over February of last year and a 105 per cent gain over February of 1922.

San Francisco's February total of $3,912,166 is 23 per cent greater than that of January, 19 per cent greater than that of last February, and a 38 per cent gain over February, 1922.

Portland reports $2,607,965 for February, a gain of 46 per cent over January, 55 per cent over last February and 69 per cent over February of 1922.

Salt Lake, with $251,980 for February, shows a gain of 146 per cent over January, 22 per cent over last February, and 429 per cent over February of 1922.

Seattle's February figures, $2,217,330, show a 33 per cent reduction from the January total, but a 6 per cent gain over last February and a gain of 262 per cent over the total for February of 1922.

Oakland reports $2,250,570 for February, showing a gain of 11 per cent over January, 10 per cent over last February and 58 per cent over the total for February of 1922.

Phoenix, with $208,250 for February, shows a gain of 155 per cent over January, 378 per cent over last February and 224 per cent over February of 1922.

The 50 California cities comprised in this survey show a grand total of $34,835,153 for February, a gain of 9 per cent over January, 13 per cent over last February and an 81 per cent over February of 1922.

Of the 67 cities now reporting to S. W. Straus & Co. for the purposes of this monthly survey, 36 show February gains over January, 37 show gains over February of last year, 50 show gains over February of 1922, and 25 show gains over all three previous totals.

E. W. Doughty has been re-elected president of the Napa County Builders' Exchange. Wade Shiffler was elected vice-president, W. H. Young, treasurer and Louis Ezettie, secretary.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

The entire holdings of the American Gold Dredging Company in Butte County has been sold to the Pacific Gas & Electric Company, it is reported at Oroville. The transfer covers gold dredging properties and large cement deposits that the American company has held for a number of years between Prentz and the junction of the West Branch and the North Fork of the Feather river. The limestone properties involved in the transfers include ten workable leases. Reports of engineers state that the limestone in sight will supply 4000 barrels of cement a day for a period of at least fifteen years

A new movement among labor union men in California was officially launched when articles of incorporation of the Goats' Club of America, with headquarters in San Diego, were filed with Secretary of State Jordan. The purpose of the organization is to promote friendship among labor unionists and care for the sick and injured. The governing body of the club will be known as the grand pasture, and it is the intention to form subordinate pastures in all parts of the State.

Bonds of the California Construction Company of San Francisco to improve thirty-eight miles of highway in Kern County have been approved by the Kern County Supervisors and work will be started at once. The contract was awarded on a bid of $831,025. Protests against the award of contract, alleging irregularities in the proceedings, have been withdrawn by property owners.

Frederick L Martin, vice-president of the California National Bank of Sacramento, and Roy Davis, cashier of the Bank of Antioch have been elected to the Board of Directors of the American Toll Bridge Company to represent the Sacramento Valley stockholders in the company which is constructing the Carquinez and Antioch-Sherman Island bridges.

There was but one change in the board of directors at the annual meeting of stockholders of the Natomas Company of California. Emery Oliver, general manager, was elected temporarily to fill the vacancy caused through the death of Henry E. Bothin. The outgoing officers, headed by Frank B. Anderson, were re-elected.

More than four thousand dealers in gas appliances are taking part in the State-wide gas equipment exhibit for better homes. The display will be featured for six days—April 7 to 12. Headquarters will be maintained at 180 New Montgomery street, San Francisco, with John A. Dignan in charge.

Congress has voted $2,500,000 for national hospitalization facilities in the Pacific Coast. The San Diego hospital will be enlarged to accommodate 250 additional beds and the Mare Island Navy Yard hospital buildings will be enlarged with a concrete structure.

Haas Building Co., Inc., capitalized at $2,000,000, with its principal place of business as San Francisco, has filed articles of incorporation Directors are: J. C. Allman, R. S. Goldman, Fred Leve, L. S. Fisher and A. McCoo.

Diamond Springs and Caldor Railway in El Dorado County, owned by the California Door Company, is undergoing extensive improvements. Bridges are being strengthened and curves widened. It is planned to start operation of the company's new mill April 1, the capacity of which will be approximately 200,000 feet a day. The mill will be electrically operated throughout.

More than 450 delegates from all parts of the United States are expected to attend the national conference on city planning to be held in Los Angeles April 7, 8, 9 and 10. About 200 delegates from points east of the Mississippi river will come on a special train and will make a tour touching all of the principal cities of the United States.

Upon direction of Attorney General Daugherty, suit has been filed in United States District Court at Cleveland, Ohio, against the General Electric Co of New York and the Westinghouse Electric & Manufacturing Company of Pittsburgh, alleging a "combination and conspiracy" to violate the Sherman anti-trust law in connection with the sale of electric lamps.

Building trades unions of Spokane, Wash., will not seek a wage increase at the expiration of their present contracts, April 1, it is announced by W. H. Pazen, president of the Spokane Building Trades Council. The decision was reached in view of the fact that there has been practically no change in living conditions during the past year.

Union Pacific Railroad will expend $8,000,000 in the preliminary development of one of the biggest industrial and manufacturing districts yet announced for Los Angeles. The property contains more than 1000 acres and is in two units. This is expected to result in the expenditure of $100,000,000 or more by Eastern manufacturing concerns.

More than 1000 men are on the payroll of the Mt. Shasta Power Corp., construction branch of the Pacific Gas & Electric Company, in the eastern section of Shasta county and additional forces will be placed early next month, according to G. M. Wehrie, superintendent at Redding. The men are engaged on the Pit river project.

Mills of the Hutchinson Company and the Swayne Lumber Company at Oroville will start operations April 1. The Hutchinson Company will operate a day shift for a short period, the night shift to be placed when the lumber market demands the additional output. The Swayne Company will start operating one side of its mill on April 1

Mill of the W. J. Hotchkiss Lumber Company, twenty miles north of Fort Bragg, suffered a $250,000 fire loss, March 20. Little insurance was carried, according to reports.

Voters in the Los Angeles Flood Control District on May 6 will vote the question of issuing bonds of $32,301,000 to finance construction of flood control improvements.

ALONG THE LINE

A. Griffin, chief engineer of the Modesto Irrigation District from 1906 to 1912 and consulting engineer for the Waterford Irrigation District during that period, was a recent visitor to Modesto After leaving the Modesto district, Mr. Griffin was engineer for the South San Joaquin Irrigation District from 1914 to 1918 and from there went to Alberta, Canada, where he is now superintendent of operation and maintenance in the Department of Natural Resources for the Canadian Pacific Railway.

George A. Christensen, until recently in charge of contracts and specifications for the Los Angeles harbor department, has been appointed chief building inspector in charge of the Long Beach building department under R. D. Van Alstine, city engineer and director of the public service department. Mr Christensen takes charge April 1 and succeeds Vern D. Hedden, who will take up the practice of architecture.

City Engineer R. D. Van Alstine of Long Beach announces the organization of a division of sewers in the public service department of that city with Clyde Fuller Smith as engineer in charge. Mr. Smith is a graduate of Massachusetts Institute of Technology, was for two years sanitary engineer for the California board of health, and for the last three years practiced as consulting engineer at Berkeley.

W. A. Kettlewell of Kingsburg, Fresno County, senior member of the contracting firm of W. A. Kettlewell & Son, died in that city March 24, following an illness extending over a period of several months. He was 69 years old. His widow and son, W. A. Kettlewell Jr., survive.

Max E. Cook, for the past two years farmstead engineer at the Delhi Land Colony, has been promoted to the managership of the state land settlement project. Mr. Cook succeeds Walter Packard, who resigned following a disagreement with members of the land settlement board.

F. A. Lammiman, city engineer of Chico, has tendered his resignation, effective with the appointment of his successor.

Walter Ochs, general contractors of Fresno, was a recent visitor on the floor of the San Francisco Builders' Exchange.

Pacific Gas & Electric Company authorize expenditure of $800,000 for additions to electrical distributing system in East Bay cities.

Spokane, Wash., will be the meeting place for the next Hoo-Hoo annual convention.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

NEW HOME ALAMEDA COUNTY BUILDERS EXCHANGE

Not content with erecting buildings for Oakland interests and the steady flow of new industries into the East Bay section, the Builders' Exchange of Alameda County has decided to proceed with the construction of a six-story and basement fireproof home in the heart of the Oakland business section—Hobart and Webster streets. Working drawings for the structure are now being completed by Howard Schroeder, Oakland architect.

Only four stories of the building will be erected at this time, the first three being complete and the top floor left in the rough so that additional offices can be provided when required.

The first floor will be given over to exchange quarters and several stores. The exchange quarters will have a width of 58 feet and depth of 85 feet with directors' and meeting rooms at the rear. The floor will be slightly elevated for the purpose of converting into a stage. The center room of this group will he equipped with a rolling partition and can he converted into a stage with little trouble. Dressing rooms will flank it on either side. Here the builders will hold their entertainments and jinks.

Fronting on Hobart and Webster streets will be a number of stores, several of these to be leased to members of the exchange who desire ground floor show rooms. The mezzanine floor will be laid out for estimating rooms, small offices and craft meeting rooms.

Members of the Holding Corporation have selected the Class C type of construction, using a steel frame, brick curtain walls and wooden joists. The exterior of the building will be faced with pressed brick and terra cotta trimmings. A tile roof will crown the building to give it an individual

E. M. Tilden, president of the exchange, is president of the holding corporation. Other members are: T. D. Sexton, president of the Master Plasterers' Association of Alameda County; George G. Jamieson of Rhodes-Jamieson Co.; W. G. Thornally, director of the exchange and L. C. Fraser, treasurer.

The Builders' Exchange of Alameda County, E. W. Shaw, its secretary says, is growing with Oakland. Oakland interests are booming Oakland business with the result that Oakland gets the Oakland business. Harmony prevails within the doors of the Alameda County Builders' Exchange and 100% co-operation reigns supreme. The Oakland builders, Shaw says, can accomplish big things because they are all for one and one for all.

STOCKTON BUILDERS ELECT

The Stockton Builders' Exchange at its regular annual election held March 18, elected the following officers and directors: O.; H. Chain, president Owen H. Miller, vice-president; W. H. Falconbury, treasurer; Karl A. Perkins, secretary.

The board of directors consists of O. H. Chain, Owen H. Miller, W. H. Falconbury, E. H. Riley, T. E Williamson, Charles Frederickson, William Hild, Thomas Hinkley, William O'Keefe, J. T. Garrow and Charles Rich.

OFFICERS ELECTED

At a meeting of the Board of Directors of the San Francisco Builders' Exchange, Friday, March 21, the following officers were elected: W. H George, president; Emil Hogberg, 1st vice-president; D. J. Sullivan, 2nd vice-president, J. H. Pinkerton, 3rd vice-president; R. J. H. Forbes, secretary; Alex. Minnie, treasurer

CALIFORNIA BUILDING TRADES ELECT HEADS

Frank C. MacDonald of San Francisco was re-elected president of the California State Building Trades Council, at the close of the annual convention held in Sacramento. Monterey was selected as the 1925 convention city.

Other officers were elected as follows: Vice-president, M. F. Connors, Sacramento; J. A. Gray and E. E. Lampton, Los Angeles; J. J. Creem, Fresno; A. E. Albers, Alameda, and J. Callagher, San Francisco; A. G. Gilson, San Francisco, secretary-treasurer.

Forty-eight resolutions were adopted, among them being those urging the repeal of the criminal syndicalism lay and indorsing public ownership of public utilities. The convention refused to indorse any candidates for President.

RICHMOND BUILDERS OFFER $25 FOR BEST SLOGAN

A $25 cash prize has been offered by the Contra Costa Builders' Exchange to the person presenting the best six-word slogan for the use of the exchange and the members.

Everyone is eligible to contest, regardless of age, and on slogan will be considered from every contestant. Slogans of over six words will not be considered. All of these must be in the secretary's office at 246 Fourteenth St., Richmond, not later than 4 P. M., Friday, April 4.

A similar contest was held recently in Alameda, with "When You Invest, Employ the Best" as the winning slogan. Lines of this type are desired by the Richmond exchange.

The winning slogan will be used for the new directory of the Builders' Exchange, on the letter heads and stationery, and for use of the members of the exchange.

PUBLICATIONS

The report of a two-year study of the eye hazards of industrial occupations—accident hazards, disease hazards, and hazards from poor lighting—and of the most effective means of eliminating such hazards, is to be issued in the near future by the National Committee For the Prevention of Blindness whose headquarters are 130 E. 22nd Street, New York City. The study was made by Lewis H. Carris, managing director of the Committee, and Louis Resnick, a former member of the staff of the National Safety Council.

"Housing Problems in America," is the title of a 400-page book published by the National Housing Associati n. It contains the proceedings of the Ninth National Conference on Housing, recently held in Philadelphia. Irregularity of employment as a factor in high labor costs is one of the subjects covered Rent control, cost of materials, cost of labor, and zoning are other topics. Copies of the book may be had from the National Housing Association, 105 E. Twenty-second street, New York City.

"Metallic Construction in the Modern Home" is a booklet which directs its appeal to the prospective home owner, although it is also of particular interest to the home contractor from the standpoina of furnishing live talking points for modern fireproof building methods and materials. It is published by the Milwaukee Corrugating Company, 36th avenue and Burnham St., Milwaukee, Wisconsin.

The Donley Book of Fireplaces, In the current issue, contains sixteen pages of information on fireplace construction and design and includes a plan-sheet of construction. Interspersed through the pages are variety of pencil drawings to assist the reader in selecting a type suitable for his use. Copies of the booklet may be secured from the Donley Brothers Company, Cleveland.

The annual report of the Industrial Accident Commission for the year 1922-1923 is now off the press and ready for distribution. It contains a resume of the work accomplished by each division of the Commission during the year, written in an interesting and intelligible manner. Copies will be sent upon request to the Commission.

The American Floor Surfacing Machine Company, 518 S. St. Clair street, Toledo, Ohio, is distributing a circular illustrating the American Universal floor surfacing machine. Letters from customers, testifying to their satisfaction with the Universal surfacer, are included.

The T. L. Smith Company, Milwaukee, Wisconsin, is distributing a paver catalog printed in three colors. It contains complete descriptions of the Smith paver models together with many half and full page illustrations of Smith pavers in action.

The Goulds Manufacturing Company, Seneca Falls, New York, has published Bulletin No 125, which gives complete details and specifications of double suction centrifugal pumps and covers a complete range of their commercial capacities and heads.

Building Labor Conditions Are Favorable—Survey Shows

Building labor conditions throughout the country are considered generally favorable at present, according to a national survey of conditions in the building crafts just completed by S. W. Strauss & Co.

Current conditions are epitomized as follows:

(1) Wages generally well stabilized with slight upward tendencies in larger cities where prospective building operations are large.

(2) General employment at peak wages with especially pressing demands for bricklayers and plasterers.

(3) Possible shortage of common labor with the development of activities now indicated by unprecedented volume of building permits.

(4) Possibility of ensuing difficulties through jurisdictional dispute between carpenters union and sheet metal workers over installation of metal trim work.

(5) Successful and significant cooperation of building trades, unions and contractors in establishing building trades apprenticeship schools to help relieve labor shortage.

"One of the factors in promulgating the generally favorable tone now pervading the situation," the survey states, "has been the unusual amount of employment throughout the building crafts during the winter months. These conditions were partly due to mild weather in some sections of the country, but it is noted that efforts to increase the volume of construction in the so-called off-seasons have been successful. It is significant that the government has seen fit to take up this important phase of the building situation semi-officially through the formation of the Committee on Seasonal Operations in the Construction Industries, which now has in preparation voluminous recommendations on plans and methods of equalizing activities throughout the year.

"Current building trades wage rates per hour show that building labor now is getting peak wages, as follows: Bricklayers, $1.12½-$1.75; carpenters, 70c-$1.60; hoisting engineers, 50c-$1.67½; hod carriers, 50c-$1.25; pile drivers, 50c-$1.12½; structural iron workers, 60c-$1.50; common labor, 25c-87½c. Present wage scales in St. Louis carry the highest rates in the country. In that city wage advances ranging from 10c to 25c an hour have been granted carpenters, hod carriers, hoisting engineers, and common labor. Negro hod carriers have signed a new scale of $1.25 per hour. Painters are demanding a rate of $1.50 per hour Monday to Friday inclusive, and $3.00 per hour for Saturday and Sunday."

The survey reports the common labor rate for the nation as applied to pick and shovel men at 55c an hour as

(Continued on Page 3)

against 54c for the preceding month. In New York, Chicago, Cleveland and some other large cities, laborers are getting from 75c to 87½c per hour.

"In many cities," the report points out, "the building trades have arranged for renewal of the 1923 wage scales for the ensuing season. Where advances are being written in the new contracts they have thus far been comparatively light. In many cities where wage increases have been granted they have only covered previous bonus payments, although bricklayers and plasterers are in some places getting bonuses as a result of shortage in those crafts.

"In addition to the reopening of the old jurisdictional dispute between the carpenters and sheet metal workers, the existence of dual conflicting building trade councils in New York, Chicago and Cleveland offers a menacing note which the Building Trades Department of the American Federation of Labor is attempting to adjust. In Chicago, the International Painters Brotherhood, at the instance of the Painters District Council, threatened to withdraw from the department if it did not do something towards bringing about unity of the union of that city.

"An important development in New York was a decision of Supreme Court Justice Ford who, acting as umpire between the Mason Builders Association and the Bricklayers Unions in a bonus dispute, decided that once a builder pays a bonus on an operation he is obligated to continue such payments for the life of the job. The bricklayers adopted a resolution last year asking contractors to stop taking men away from each other by bonus offers in times of labor shortage.

"Co-operation of the building unions and contractors in the establishment of building trades apprenticeship schools during the past year is aiding to some extent in relieving the labor shortage Announcement comes from Carnegie Institute of Technology at Pittsburgh that of the 1200 night students enrolled for this year, fifty per cent have signed up for courses in building construction. The report indicates that a large number of the young men entered for these studies formerly were interested only in clerical and other commercial office positions. A branch of the International Lathers' Union is co-operating with Carnegie Institute of Technology in offering evening study courses to lather apprentices Other unions have taken similar steps.

"In Chicago the Citizens' Committee and a number of contractors operating under the Landis Award are developing one of the Nation's foremost building t ades apprenticeship schools. Instruction of building mechanics will begin this Fall in the Technical and Commercial High School of Omaha, Nebraska. In Dalles, Texas, the Chamber of Commerce is raising a fund of $500,000 to establish the Dallas Vocational School, which will train boys to become plasterers, bricklayers, machinists, plumbers, etc. Similar schools are now being established and operated in many other cities, with the co-operation of the various trade unions. Almost every labor organization is aiding in this work and their efforts have increased their membership through apprentices.

"In New York, negotiations have been completed which may insure peace between workmen and employers for the next two years. Practically every important union has demanded and obtained a two-year contract which calls, in a majority of cases, for an increase of 50c a day in the basic scales. Among the recent contracts are. Carpenters, $10.50 per day, cement masons $10.50, house-smiths, $10.50, painters and decorators, $10.50, slate roofers, $12, and metal lathers, $10.50. The average base pay in New York is now $10.50 a day. Bricklayers are now receiving $1 and $2 bonuses above the agreed rate of $12 a day on many jobs, and a similar bonus is being paid to plasterers on many jobs, but not all. Practically all building mechanics are employed at present.

"In Chicago most building trades are reported satisfied to continue on the

present basis of $1.25 an hour. The bricklayers, plasterers and painters have indicated that they may ask a 25c an hour increase when their present agreements expire on March 31. Skilled mechanics are in great demand. Excavating teamsters recently threatened to strike for $1.00 a day more and an 8-hour day. A compromise was affected on a 50c increase and the continuation of the 9-hour schedule.

"Minneapolis, San Francisco, Baltimore, Philadelphia, and Denver are among the principal cities where the 1923 wage scales are expected to be continued through 1924. In Cincinnati, St. Louis, Pittsburgh, Nashville, Kansas City, Youngstown, St. Paul, New Orleans, Houston and Soiux City increases either have been granted or are pending. A fairly ample present supply of building labor is reported in San Francisco, Los Angeles, Philadelphia, Kansas City, Atlanta, Minneapolis, Oklahoma City, New Orleans and Baltimore.

"In Los Angeles bricklayers' bonuses have been eliminated and the $10.00 a day wage scale is the minimum. Employers are opposing demands of a large group of workers for slight wage increases.

"In Memphis, bricklayers have been cut from $1.50 to $1.37½ per hour, although many firms are paying the former scale. Plumbers there were raised 7½c an hour. Nashville carpenters secured an advance of 70c an hour while lathers wages, varying from 87½c to $1.00, have been standardized at 95c. There are indications of a general building strike in Omaha, April 1.

"Columbia, S. C., skilled metal workers and roofers are getting $1 an hour or 20c above the scale. New Orleans contractors, in the carpenters strike won with their offer of 90c an hour and the open shop.

"Reports from Canada indicate that the situation there is particularly bright with no marked tendency toward wage increases. In Montreal the current scale is expected to prevail throughout 1924 and there is no unemployment or tendency to strike. Building trade wages in the Dominion are much below those in the United States as indicated by the following per hour scale recorded at Montreal: Bricklayers, 90c; carpenters, 65c; hoisting engineers, 50c; hod carriers, 35c; pile drivers, 50c; structural iron workers, 65c; common laborers, 25c."

SACRAMENTO MATERIAL EXHIBIT PLANS NOVEL DISPLAY

The Building Material Exhibit, 910 Ninth St., Sacramento, is completing the frame work for a novel bungalow display, according to Miss Geneva Watson, manager of the exhibit, who is in San Francisco attending the annual convention of the California Retail Hardware & Implement Association.

The bungalow feature, which is but a portion of the extensive building material display, will tend to place a more comfortable atmosphere in the exhibit quarters, Miss Watson says. The exhibit covers a ground area of approximately six thousand feet.

The bungalows, two in number, were designed by Dean & Dean, Sacramento architects. One will be of the Colonial type and the other of the Spanish type of architecture. Each building will be completely furnished and electrically equipped, the electrical work being installed under the supervision of the Electrical Dealers' Association of Sacramento. A court, centering the display, will be laid out with pottery products of the Gladding McBean Co.

:: TRADE NOTES ::

Probably the most unique success achieved by the building specialty manufacturer is evidenced in the success of the Woodard One Piece Mantel made at Oakland and marketed up and down the Pacific Coast. A good sized shipment of these mantels recently went to Australia and another to England. The mantel is made in one piece of reinforced concrete, faced in such a manner that the surface is hard as flint, water and dust resisting. The colors used in the finish resemble natural stone and marble. 1600 mantels have been installed in less than six months. R. E. G. Keene, exclusive agent for San Francisco and the Peninsula, is exhibiting the mantels at the Universal Exhibit, Monadnock Bldg., San Francisco.

The California Slimes Company of which W. E. Darrow of Jackson is president and general manager, has taken an option on the marble quarries in the Willow Springs section in Amador county. The property is owned by A. L. Wait of Jackson. The California Company has a number of men on the property investigating the deposits of red and green marble. Large deposits of both red and green marble are to be found in the district, which, according to experts, ranks with Eastern, and in many instances, with imported marble both in quality and beauty.

Union Iron Works of Los Angeles has signed contracts to represent the Shepard Electric Crane & Hoist Co. of Montour Falls, N. Y., in southern California territory. The Union Iron Works will carry a stock of hoists and crane equipment and will design, fabricate and erect bridges, craneways and monorail systems, thus giving the equivalent of direct factory service. A. G. Schmidt, former assistant chief designer of the Shepard company, will be in charge of the crane department of the Union Iron Works.

Planing mill formerly operated by the Routt Lumber Company at Fresno has been taken over by the Standard Planing Mill Company of the same city. The latter concern has been incorporated for $50,000 with the following directors: M. D. Bishop, Martha E. Bishop and M. K. Gibbs.

Red Cedar Corporation, capitalized at $25,000, has been incorporated. The principal place of business is San Francisco. Directors are: E. G. Brodies, B. Perini, E Ellinger, D. Buchholz and M. L. Samuels.

With an initial output of 700 screens a day, the Disappearng Screen and Shade Company, has started operations in its new plant at 50th avenue and E-8th street, Oakland. The screen is the invention of H. W. Valentine, president of the company. It is a flexible wire screen giving all the protection of the stationary screen and with the added advantage that it can be rolled up in a weather-proof canopy when not needed. Others interested in the company are: D. S. Canny, F. P. Beretta and Edward Kraft.

An option, with the privilege of contracting for the entire output of the Incello Brick Products Company at San Luis Obispo, is sought by the Johns-Manville Company of New York and Boston as a result of a recent inspection of the company's properties by an engineering expert. The negotiation for an option on the output, to be marketed by the Johns-Manville Company, was entered into on the receipt of word from the Eastern firm reaching G. H. Emery, manager of the Incello company.

Bass-Hueter Paint Co. announces the removal of its general offices and city order department to the company plant at 2240 Twenty-fourth St., San Francisco. The downtown store at 816 Mission street, will be continued for the convenience of customers who desire to pick up their orders rather than wait for the regular delivery service.

Cheek & Gillis, 625 Call Bldg, San Francisco, have been appointed Pacific Coast agents for Knapp Brothers Manufacturing Company, Wright Rubber Products Company, Munson Manufacturing Company and Zenitherm Company, Inc.

Ione Quarries Co. has been incorporated with the principal place of business as San Francisco. The company is capitalized at $200,000 and has the following directors: Oscar Goodman, William Klein, V. H. Sternbergh, C. A. Bliss and Fred Love.

F. S. Buckley Door Co., capitalized at $50,000, with its principal place of business as San Francisco, has been incorporated. Directors are: F. S. Buckley, F. Y. Buckley and M. J. Grimm.

E. G. Oden for several years in the building material business is now associated with the Atlas Mortar Company of San Francisco.

ARE YOU PROTECTED?

A supplemental report was recently received by the Statistical Department of the Industrial Accident Commission in which an employer reported a total cost of $11,299.11 for an injury occurring to one of its employees in May, 1921. This total included medical and hospital expenses of over $9,000, the remaining amount having been expended for disability indemnity. This report was not the final one to be made as the employer stated the injured man had not yet returned to work.

John A. McGilvray, chairman of the Commission, says such cases are exceptional, but it signifies the possible liability for serious injury and should be a warning to those employers who have not protected themselves by carrying compensation insurance.

MUCH POWER AVAILABLE ON FLAT HEAD RIVER

To determine the potential power and storage available on the South Fork of Flathead River, Montana, the Interior Department detailed an engineer of the Geological Survey to make a reconnaissance to ascertain whether or not a feasible site for a dam could be found along the lower reaches of the river. A site was found where a dam 350 feet high would create a reservoir having a capacity of 1,320,000 acre feet. A mean effective head of 280 feet could be obtained at the reservoir, which would make potentially available more than 90,000 horsepower. A manuscript report has been prepared which describes the dam site and presents the technical data upon which the conclusions are based.

Building News Section

APARTMENTS

Plans Being Figured—Bids Close Mar. 29, 1924.
APARTMENTS Cost, $15,000
MARYSVILLE, Yuba Co., Cal.
Two-story frame apartment, compo roof, stucco exterior (4 apts.)
Owner—C. J. Becher.
Architect—Cole & Brouchoud, Waterland-Breslauer Bldg., Chico.

Plans Being Prepared—To Be Done By Day's Work.
FLAT & APT. BLDG. Cost, $14,000
SAN FRANCISCO, Polk near Lombard.
Two-story and basement frame flat & apt. bldg. (1 5-room flat and two 3-room apts.)
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Sketches Prepared.
APTS. & STORE Cost, $17,000
SAN FRANCISCO, Bartlett Street.
Three-story and basement frame and stucco apartments (5 2 & 3-room apts. and stores).
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Plans Complete.
APARTMENTS Cost, $16,000
OAKLAND, N 41st St. 60 W Webster.
Two-story 16-room apartments.
Owner—Julius Berck, 2616 Harrison St. Oakland.
Architect—L. F. Hyde, 372 Hanover St. Oakland.

Segregated Figures To Be Taken Next Week.
APARTMENTS Cost, $75,000
SAN FRANCISCO, Eddy bet. Larkin & Hyde.
Six-story and basement reinforced concrete apts. (22 2-room and 1 3-rm. apartments).
Owner—E. H. Denke, E. W. Bowes and J. & B. Bell.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.

Contract Awarded.
APT. HOUSE Cost, $37,000
SAN FRANCISCO, E Taylor 62-6 N Clay.
Three-story and basement reinforced concrete apt. house.
Owner—Depaoli & Pedosta, 1349 Grant Ave., San Francisco.
Architect — C. H. Barrett, 342 Grant Ave., San Francisco.
Contractor—G. Pasqualetti, 2330 Larkin St., San Francisco.

Ready For Segregated Figures.
STORE & APTS. Cost, $20,000
SAN FRANCISCO, SE Pacific and Mason Streets.
Two-story frame and stucco store and apts. bldg. (3 stores and 5 apts.)
Owner — Jacob Weissbein, Fairmont Hotel, San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Ready For Segregated Figures.
STORE & APT BLDGS. $20,000 each
SAN FRANCISCO, Fulton St. and Masonic Ave.
Two 2-story frame and stucco store & apartment buildings.
Owner — Jacob Weissbein, Fairmont Hotel, San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Prepared—To Be Done By Day's Work.
APARTMENTS Cost, $60,000
SAN FRANCISCO, SE Octavia & Francisco Sts.
Three-story and basement frame and stucco apts. (12 3 & 4-room apts.)
Owner—Strand & Strand, 4 Steiner St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Prepared.
APT. BLDG. Cost, $150,000
SAN FRANCISCO, NW Washington and Franklin Streets.
Six-story and basement reinforced concrete apt house (30 3 & 4-rm. apts)
Owner—D. J. Clancy, 2884 Folsom St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Work will be done by days labor and sub contracts.

HOLLYWOOD, Los Angeles Co., Cal.—Arthur Bard, 421 Bank of Italy Bldg., Los Angeles, has the contract to erect an apartment building in Hollywood, for B. Illo. It will have 20 apartments of 2-room each. Plans by William Allen, 1005 Bank of Italy Bldg. Frame and plaster construction, two-story and part basement, tile and composition roofing, tiled baths and drainboards, hardwood and pine floors, wall beds, gas radiators, automatic water heaters, pine trim.

LOS ANGELES, Los Angeles Co., Cal.—J. W. Stromberg, 2434 W. 7th St., has the contract to erect a 60-room, 24-apartment building on Kenmore Ave. between 2nd and 3rd Sts. for Thos. H. Lovejoy, 235 N. Plymouth Blvd. Dimensions, 16x130 ft., 3-story, frame and plaster construction, composition roofing, pine trim, oak and pine floors, tiled baths, wall beds, gas radiators and water heaters. Cost, $58,000.

SANTA MONICA, L. A. Co., Cal. — Archt. Thomas Franklin, 2615 W 7th St., has prepared plans and work has started on a 3-story class C store and apt. bldg. to be erected by day work by the owner, H. G. Moeller, on 3rd St., Santa Monica. Found. 50x155 ft., 18 single and double apts. and a large store to be occupied by the Penny Department Stores Co. Brombacher Iron Wks. has the steel contract; Westonite Stone Co., cast stone; and L. A. Pressed Brick Co., face brick contract. Comp. rf., plate glass front, cem. and hardw. fls., gas-steam heat, tile baths.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. **Fold-up-Dors,** Ti-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-slipping flooring. — Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET

Sutter 5907 San Francisco

LOS ANGELES, Cal.—A. S. O'Neil, 256 Wilcox Bldg., has the contract to erect an 82-room, 40-apartment bldg. on Yucca St. near Cahuenga Ave. for H. O. Triplett, 1627 Martel Ave. Four-story, 60x89 ft., brick walls, press. brick facing, comp. rfg., fire escapes, pine trim, tiled baths, oak and pine flrs., wall beds, water htrs., elevators, heating; $100,000.

LOS ANGELES, Cal.—Archt. William Bruce, 430 Chapman Bldg., L. A., has completed plans for a 60-unit residence court, to be erected at cor. Carroll and E Edwards Sts., for W. L. Miller and Joseph J. Crosby; each unit will contain 4 rooms. Frame constr., siding exter., 1-story and 1½-story, shingle rfg., hardwd fls., tile baths and drainbds., pine trim, wall beds, gas rads., aut. water htrs., $100,000. W. L. Miller, 430 Chapman Bldg., will erect by day labor and sub-contract.

HOLLYWOOD, L. A. Co., Cal.—William Simpson Constr. Co., Bank of Italy Bldg., L. A. was low bidder at $1,123,600 for all work complete for completing the Security Apartments bldg. at Hollywood. The bids were: William Simpson Construction Co., $1,123,600 for 12-sto. bldg., and $930,000 for 9-sto; Richardson Bldg. & Engr. Co., $1,174,945 for 12-story and $998,400 for 9-story; Pozzo Constr. Co., $1,175,000 for 12-story and $1,001,000 for 9-story; John Simpson & Co., $1,186,000 for 12-story and $1,007,000 for 9-story. The owners will probably let a contract and proceed with the completion of the bldg as soon as the project is re-financed.

LOS ANGELES, Los Angeles Co., Cal.—L. A. Smith, 3rd St., and Western Ave., has prepared plans for a 4-sto. and part basement class C apartment house to be erected at S. W. corner of 11th and Lake Sts. for R. V. New Merchants National Bank Bldg., Los Angeles. It will contain 125 rooms, 65 apartments; dimensions, 90x143 ft., brick walls, tapestry, brick facing, marble and tile work, comp. rfg., metal skylights, pine trim, oak and pine rs., elevator, steam htg., wall beds; $200,000. The owner will erect the bldg. by day work and subcontract.

LONG BEACH, Los Angeles Co., Cal.—Leonard P. Wikoff, 310 Commercial Bldg., Long Beach, is preparing plans for a $75,000, 3-story brick, 40-suite apartment building at Redondo Ave. and Sartori St., Torrance, for Christensen Dennis. Foundation, 70x140 ft., pressed brick front, composition roofing, hardwood floors, composition bath floors and drainboards, disappearing beds, hot water system, incinerator, gas heating.

BONDS

OAKLAND, Cal.—County supervisors set May 6 as date to vote bonds of $4,500,000 to finance purchase of site and erection of new county courthouse also $2,000,000 to finance completion of Highland (county) hospital. Geo. E. Gross is county clerk. Plans will be prepared by Architect Henry H. Meyers, Kohl Bldg., San Francisco.

SANTA ROSA, Sonoma Co., Cal.—Election will be held April 9 in Eagle School District to vote bonds of $33,000 to finance erection of new school building. Trustees of district are: Frieda P. Elliott, Andrew McIntosh and B. O'Hara.

ORANGE, Orange Co., Cal.—Until 1 p. m., April 1, bids will be received by city trustees for the purchase of $40,000 water bond issue, voted Jan. 15, 1924. Cert. check 5%. W. A. White, city clerk. The bonds offered are $100 each, dated March 15 at 5%. W. A. White, city clerk.

TORRANCE, Los Angeles Co., Cal.—An election will be held April 14 to vote on a bond issue of $100,000 for constructing a municipal office building. A. H. Bartlett, city clerk.

SACRAMENTO, Cal.—May 17 is date set by Board of Education to vote bonds of $550,000 to finance erection of group of junior high school buildings. Chas. Hughes, Sect'y., Board of Education.

FOLSOM, Sacramento Co., Cal.—$75,000 bond issue of Folsom Union High School District sold by county supervisors for premium of $3,369; proceeds of sale to finance school improvements.

CHURCHES

Plans Being Prepared.
CHURCH Cost, 1st unit $25,000; completed, $40,000.
UKIAH, Mendocino Co., Cal.
One-story frame and stucco church.
Owner — Methodist Episcopal Church South.

Plans Ready for Figures About March 26th.
CHURCH & SCHOOL Cost, $50,000
WOODLAND, Yolo Co., Cal
Frame and stucco church and school tile roof, Spanish style).
Owner—First M. E. Church.
Architect — Tuttle & Tuttle, 357 12th St., Oakland.
Bids will be taken for a general contract.

Plans Being Prepared.
CHURCH Cost 1st unit $25,000; completed, $40,000.
UKIAH, Mendocino Co., Cal.
One-story frame and stucco church.
Owner — Methodist Episcopal Church South.
Architect—Tuttle & Tuttle, 357 12th St. Oakland.

ANAHEIM, Orange Co., Cal.—Sisters of St. Dominic have petitioned the superior court for permission to mortgage property for $50,000 for the construction of additions and improvements to the academy for girls which the Sisters operate here. Anna Dubbell is pres. and Mercedes de la Cova, secy.

Bids Under Advisement.
CHURCH Cost, $25,000
SAN FRANCISCO, 25th St. and Potrero Avenue.
Frame and stucco church.
Owner—Good Samaritan Church.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.

General Contract

Williams & Woods $21,750
Chas. Stockholm & Son..... 25,559

Painting

Conrad Sovig $1871
J. H. Keefe Co. 3500

LOS ANGELES, Los Angeles Co., Cal.—Architect Robert H. Orr, 1305 Corporation Bldg., has been commissioned to prepare working plans for the new church buildings to be erected at Wilshire Blvd. and Normandie Ave. for the Wilshire Blvd. Christian Church. The main churcs building will contain an auditorium to seat 1500. There will be a social hall and banquet room to accommodate 800 in the basement. The Sunday school building will be three-story with basement and sub-basement. It will contain gymnasium, shower and locker rooms, lecture and assembly rooms, classrooms, etc. The style of architecture will be of English Gothic; masonry construction, terra cotta or Bedford stone exterior facing, art glass windows, slate roofing, oak trim, marble and tile work, heating and ventilating. Cost, $400,000.

ANAHEIM, Orange Co., Cal.—First Presbyterian Church has announced plans for the erection of a $150,000 church bldg. at Broadway and Clementine St. The site has a frontage of 200 ft. on Broadway. Final acceptance or rejection of the plans will be made on March 29.

SACRAMENTO, Cal. — Sacramento Women's Council will recommend to City Commission the installation of an organ in the new civic auditorium for which plans are now being prepared. The installation would cost approx. $50,000.

BEVERLY HILLS, Los Angeles Co., Cal.—Archt. Carleton M. Winslow, 921 Van Nuys Bldg., L. A., is preparing plans for a church bldg., to be erected at cor. Santa Monica Blvd. and Rodeo Dr., for the Beverly Hills Community Presbyterian Church; there will be an auditorium to seat betw. 500 and 600 people. Masonry constr., plaster exter., tile rag., hardwd. fls. and trim, gas htg. system, art glass, etc; $50,000.

LOS ANGELES, Los Angeles Co., Cal.—Archt. Thomas Franklin Power, 2615 W. 7th St., has completed plans and segregated bids are being received from a selected list of contractors for erecting the new St. Mary's Church bldg. at 4th and Chicago Sts. Hollenbeck Hts. Plans for the rectory are in course of preparation. Found. about 80x136 ft., brick walls, tile and comp. rf., wood and terrazzo fls., auditorium seating 655 persons, marble entrance trim, granite steps, art stone window, door and balustrade trim, ornam. staff work, stained glass windows, shingle tile spire rf., gas furnace.

ANAHEIM, Orange Co., Cal.—Church of the Nazarene has purchased a site for a new church. It is planned to erect a $75,000 bldg. Work will start within a few weeks.

FACTORIES AND WAREHOUSES

Contract Let on Cost Plus Basis.
WAREHOUSE Cost, $——
SACRAMENTO, Cal. 16th Street.
One-story and mezzanine floor brick and mill construction warehouse. 110x165 feet.
Owner—Ward Seed Co.
Architect—Not Given.
Contractor—P. R. Ward, 180 Jessie St., San Francisco.
Structure will be equipped with traveling conveyors; steel sash; brick walls.

Contract Awarded.
FACTORY BLDG. Cost, $14,685
EMERYVILLE, Alameda Co., Cal., SW Doyle and 59th St.
One-story "C" factory building.
Owner—New Method Products Co.
Architect—R. W. Jenkins, 918 Harrison St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Contract Awarded.
ADDITION Cost, $54,000 approx.
ANTIOCH, Contra Costa Co., Cal.
One-story brick addition 220 by 295 ft. (irregular) to present plant.
Owner—Paraffine Companies.
Engineer—Leland Rosener, Insurance Ex. Bldg., San Francisco.
Contractor—Fred Stamm, 25 A St. Antioch.

Sub-Figures Being Taken.
FACTORY Cost, $45,000
SAN FRANCISCO, E Hampshire St. 100 N Mariposa. 150x100.
One-story reinforced concrete furniture factory bldg.
Owner—The John Center Co., Balboa Bldg., San Francisco.
Contractor — Chas. W. Gompertz, 180 Jessie St., San Francisco.

To take sub-figures next week.
LOFT BLDG. Cost, $—
SAN FRANCISCO, S Howard W 5th.
Two-story and basement reinforced concrete loft building.
Owner—Howard Realty Co., Alexander Bldg., San Francisco.
Lessee—American Laundry Machine Co
Archt. & Contr.—Geo. Wagner, 181 So. Park, San Francisco.

Contractor Taking Sub-Figures—Concrete and Brick Work Contract Awarded.
WAREHOUSE Cost, $50,000
SAN FRANCISCO, W 6th 75 N Harrison.
Two-story frame warehouse.
Owner—K. Robson, Nevada Bank Bldg. San Francisco.
Lessee—Montague Range & Furnace Company.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—J. S. Malloch, 180 Jessie St San Francisco.
Concrete work awarded to Adam Arras 180 Jessie St., San Francisco.
Brick work to Drake & Hadley, 180 Jessie St., San Francisco.

Contractor Taking Sub-Figures—Brick and Concrete Work Contracts Awarded.
LAUNDRY Cost, $75,000
SAN FRANCISCO, W Harrison St., bet. 20th and 21st.
Two-story brick laundry bldg. 75x245 Francisco.
Owner—K. Robson, Nevada Bank Bldg. San Francisco.
Lessee—Standard Laundry Co.
Architect—S. Heiman, 57 Post St., San
Contractor—J. S. Malloch, 180 Jessie St., San Francisco.
Concrete work awarded to Adam Arras 180 Jessie St., San Francisco.
Brick work to Drake & Hadley, 180 Jessie St., San Francisco.

Contract Awarded.
SHOP Cost, $8900
SAN FRANCISCO, SE Langton and Harrison streets.
One-story reinforced concrete shop.
Owner—Merton J. Price, 850 Pacific Bldg., San Francisco.
Architect — Dodge A. Riedy, Pacific Bldg., San Francisco.
Contractor—Otto Johnson.

DURO
California Cedar Products Co.

All-Key Plaster Lath
(Patented)
100% Mechanical Key.

Plaster Wall Board
(Patent applied for)
The Last Word in Wall Board.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

Contracts Awarded.
ADDITION Cost, $16,000
SAN FRANCISCO, N Jessie 450 W 7th.
Two-story and basement brick addition to printing plant.
Owner—Recorder Printing & Publishing Co., 693 Stevenson St., S. F.
Supt.—C. R. Collupy, 464 California St. San Francisco.
Painting awarded to Geo. T. Bowen, 4126 California St., at $550.
Carpentry to Tomnitz & Kusich, 3321 22nd St., $6995.
Glass and glazing to Crowe Glass Co., 1055 Post St., $675.
Sheet metal works to Conlin & Roberts, 414 Natoma St., $794.
Conduit and electric wiring to Hampton Elec.| Mach. Co. 525 Howard St. $485.
Rough finishing and plumbing to J. E. O'Mara, 218 Clara St., $585.
Excavation and grading to H. N. McClure, 608 Octavia St., $750.
Reinforced concrete & cement to Geo. Goodman Artificial Stone Co., 35 Montgomery St., $2600.
Metal partitions, lathing to W. G. Gilman, 180 Jessie St., $460.
Brickwork etc. to Mealy & Collins, 180 Jessie, $3050.

BAKERSFIELD, Kern Co., Cal.. Archt. Everett H. Merrill, 3801 W. 6th St., Los Angeles, has prepared preliminary plans for a 1-sto., 100x132 ft. reinf. concr. warehouse to be erected in Bakersfield for J. C. Beggs.

HUNTINGTON PARK, L. A. Co., Cal. —Austin Co. of California, 737 Bartlett Bldg., have completed plans and have the contract to erect a group of factory bldgs. at Huntington Park, for the Western Cooperage Co. There will be a barrel and stave warehouse, 218x140 ft., factory bldg. 90x140 ft., and boiler house 25x40 ft., brick walls, steel sash, comp. rfg., cem. fls., steel beams and columns, metal skylights, wire glass; $60,000.

OAKLAND, Cal.—J. W. Murray Mfg. Co., Detroit, Mich., auto accessory manufacturers, has purchased a 15-acre site with a frontage of 1000 ft. on Jones and 98th Aves., and running through to East 14th St., a distance of 650 ft. Property adjoins W. P. right-of-way. The plant will be constructed on the unit plan. Drawings are being made in the East.

LOS ANGELES, Cal.—The Austin Co. 737 Bartlett Bldg., has prepared plans and has the contract to erect a 1-story and basement concrete and brick warehouse on Central Ave., between 60th and 61st Sts. for Von's Inc., 114 E Jefferson St. Dimensions, 70x140 ft., concrete basement, reinf. conc. columns and 1st floor slab, brick walls, press. brick facing, comp. rfg., monitor skylights; $42,500.

Preliminary Plans Being Prepared.
FLOUR MILL Cost, $1,000,000 approx.
LOS ANGELES, L. A. Co., Cal.
Fireproof flour mill.
Owner—Sperry Flour Co.
Architect — Maurice Couchot and J. Rosenwald, 234 Pine St., S. F.

PHOENIX, Maricopa Co., Ariz.—T. B. Stewart Const. Co., 10th fl. Bank of Italy Bldg., Phoenix, Ariz., has the contract and has started work on a 4-story class A cold storage bldg. at cor. 4th Ave. and Jackson St., Phoenix, Ariz., for the OMalley Investment Co; there will be about 7 stores on 1st fl. with storage space above. Reinf. conc. const., 100x137 ft., 4-story and basement, ruff. brick exter., tile and comp. rfg., cem. fls., steel sash, plate and wire glass, sprinkler system, metal skylights, elec. elevators, steel doors loading platform.

ONTARIO, San Bernardino Co., Cal.—Archt. F. O. Eager, 137 E White Oak, Monrovia, is preparing plans for the first unit of a garment and overall factory, 60x120 ft. to be erected on a 4-acre site at Sultana Ave. and California St. for the Ironall Factories of California, temporarily located at 109 Commercial Court.

SISSON, Lassen Co., Cal. — Mount Shasta Silica Co. announces it will begin construction shortly on the first unit of its plant near Bartle, to operate its diatomaceous earth claims in Shasta county. The first unit will have a daily capacity of 100 tons, the material being made ready for market by an air process which blows it through the different meshes. Fred M. Miller, former state corporation engineer, is on the ground preparing surveys. The Mount Shasta Silica Company is a $300,000 corporation, organized under the laws of California. Its main offices are located at Weed.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 228 Higgins Bldg., is preparing working plans for an 8-story and basement class A warehouse to be erected at s.e. cor. of Pico St. and Normandie Ave. for August Wohlfarth. Dimensions, 50x130 ft., reinf. conc. constr., plas. exter., steel sash, comp. rfg., metal skylights; 2 elevators; cost $100,000.

CORCORAN, Kings Co. — Union Oil Co. will expend $25,000 in the erection of a distributing plant to include office, garage, warehouse, and at least four 19,000-gal. steel storage tanks.

FLATS

Plans Being Prepared.
FLATS Cost, $12,000
SAN FRANCISCO, Clay St.
Two-story and basement frame and stucco flats (2 6-room flats)
Owner—Withheld.
Architect—Fabre & Hildebrandt, 110 Sutter St., San Francisco.

Contract Awarded.
FLATS Cost, $17,500
SAN FRANCISCO, SW Guerrero and 25th Sts.
Two-story and basement frame (4) flats.
Owner—J. F. Smith, 481 Dewey Blvd., San Francisco.
Contractor—A. C. Hamerton 481 Dewey Blvd., San Francisco.

LOS ANGELES, Cal.—Archt. Wm. F. Bowen, 508 Union League Bldg., L. A., has completed plans for a 16-room, 4 family flat bldg. to be erected on N Vermont Ave. for F. Kirsher. Two-sto., 42x72 ft., frame and stucco constr., art stone trim., comp. rfg., gas rads., aut. water htrs., comp. baths, hardw. fls., pine trim, wall beds, refrigerators; $30,000.

GARAGES

Plans Being Prepared.
SALES BLDG. ETC. Cost, $—
OAKLAND, Alameda Co., Cal., Moss Ave. and Broadway, 306x400.
One-story brick auto sales bldg. and garage.
Owner—Wm. Greuner.
Architect—Clay N. Burrell, American Bank Bldg., Oakland.

Plans Being Figured.
GARAGE Cost, $30,000
SAN FRANCISCO. SW Post and Avery Streets.
Two-story reinforced concrete auto sales building and garage.
Owner — Northern California Baptisc Convention.
Lessee—Fischer Bros.
Architect — Miller & Warnecke, Perry Bldg., Oakland, & Call Bldg., S. F. Figures are being taken for a general contract. Bids are being taken from the Oakland office.

Contracts Awarded.
GARAGE Cost, $—
SAN FRANCISCO, 840 Powell St.
One-story reinforced concrete garage, (private).
Owner—A. W. Wilson.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., S. F.
General contract to Robt. Trost, 26th Howard St., $13,006.
Electrical work to National Elec. Co., 103 Turk St., $261.

Contract Awarded.
GARAGE Cost, $18,000
OAKLAND, NE Twenty-first & Brush.
One-story reinforced concrete garage.
Owner — Mrs. Monson, Peralta Apartments, Oakland.
Architect—Hutchinson & Mills.
Contractor—Mullen & La Vole, 265 9th St., Oakland.

Contract Awarded.
STORES, ETC. Cost, $15,768
SAN JOSE, Santa Clara Co., Cal., Market near San Carlos.
One-story reinforced concrete stores and garage.
Owner—Sam Martin, 180 S Market St., San Jose.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—R. L. Jorgensen & C. W. Cook, 193 N 5th St., San Jose.

LUMBER

2 x 4 and 2 x 6 soft Pine, S4S, irregular ends, 6 to 10 feet lengths, some nail holes, nice clean stuff.

$15.00 per M. (Our Yards)

PAINTS

Flat White $1.60
Outside White 2.10
White Enamel 2.10
in 5's

THE REVADA CO.

251 STEUART STREET - SAN FRANCISCO

Garfield 6733

LOS ANGELES, Cal.—Archts Noerenberg & Johnson, 401 L. A. Ry. Bldg., L. A., are preparing plans for a 6-story class A garage bldg., to be erected on Westlake Ave. near Orange St., for the Westlake Garage Co. Reinf. conc. construction, 55x150 ft., elevators, conc. fls., comp. rfg., steel sash, plate glass and wire glass; $200,000.

LOS ANGELES, Los Angeles Co., Cal. —William Allen, 1095 Bank of Italy Bldg., has completed plans for a store and garage building to be erected on 16th St, between De Long and Wright Sts., for H. H. Helbush, 9th Floor, Bank of Italy Bldg. Brick walls, 120x135 ft., pressed brick facing, composition roofing, cement floors, wood roof trusses, plate glass, metal skylights, steel sash, gas radiators It will contain 2 stores and large public garage. Owner will erect by day labor and sub-contract.

MONTEREY PARK, L. A. Co., Cal.—Archt. Leonard L. Jones, 603 Grosse Bldg., L. A., has completed plans and is taking bids for a garage and service station to be erected at Monterey Park for Mr. Bell, Ford agent. Brick walls, 96x114 ft., 1-story, wood roof trusses, cement and tile fls., comp. rfg., plate glass, metal skylights, steel sash, press. brick facing.

WILMINGTON, Los Angeles Co., Cal. J. S. Metzger & Son, 1007 S. Grand Ave, have the contract to erect a brick garage and auto sales building on Canal Ave., Wilmington, for Alex Kirkpatrich. Plans by A. Godfrey Bailey, 419 Junion Orpheum Bldg. Dimensions 90x155 ft., 1-story and mezzanine floors, composition roofing, wood roof trusses, cement and tile floors, steel sash, pressed brick facing, plate glass, metal skylights, fire doors. Cost, $35,000.

LOS ANGELES, Los Angeles Co., Cal.—Archt. Everett H. Merrill, 3081 W. 6th St., is preparing preliminary plans for an 8-sto. reinf. concr. garage bldg. to be erected in the Westlake district by the Preston S. Wright Co. for a client.

GOVERNMENT WORK AND SUPPLIES

Sub-Figures Being Taken.
POST OFFICE BLDG. Cost, $500,000
SAN FRANCISCO Embarcadero, Washington & Merchants Sts. 289 by 206 by 141 ft.
Four-story and basement class A Post Office building.
Owner—Jacob Kulp, 33 So. La Salle St., Chicago.
Lessee—U. S. Government.
Architect—A. Alshuler, Chicago.
Contractor — MacDonald & Kahn, 130 Montgomery St., San Francisco

PORTLAND, Ore. — Following bids rec. by Lighthouse Supt. to fur. cedar spar buoy logs:
Cascade Timber Co., Tacoma, Wash., $3412.50, 10 days.
C. V. Palmer, Tualatin, Oreg., $3700.
Neidermeyer-Martin Lmbr. Co., Portland, Oreg., $3900, 40 days.
Geo. F. Ambrose, Bellingham, Wash., $9500, 120 days.

PORTLAND, Ore. — Following bids rec. by Lighthouse Supt. to fur 300 fathoms second-hand chain, open link, 1¼-in.:
General Engineering & Dry Dock Co. San Francisco, $4.50 C lbs, 4 days, accepted.
Portland Marine Supply Co., Portland Oreg., $7.14 and $7.43, new.
Muir & Symon, San Francisco, $7.20, 40 days.
Stewart Bros. Co., Portland, Oreg., $7.38.
The Beebe Co., Portland, Oreg., $7.40.
Oregon Marine & Fishing Supply Co., Portland, Oreg., $7.40.
Seattle Chain & Mfg. Co., Seattle, Wash., $7.59.
Pacific Marine Supply Co., Seattle, Wash., $7.59.
Pacific Marine Supply Co., Seattle, Wash., $7.90.
M. Barde & Sons Steel & Machinery Co., Seattle, Wash., $4, alt. for 1¾-in., second hand.

WASHINGTON, D. C.—House has appropriated $2,500,000 to improve national hospitalization on the Pacific Coast. It is proposed to enlarge San Diego naval hospital from 500 to 750 beds and enlarge hospital buildings at Mare Island by addition of a fireproof (concrete) structure.

PALO ALTO, Santa Clara Co., Cal.—Colonel F. E. Leslie, medical officer in charge at U. S. Veteran Hospital No. 24, Palo Alto, announces receipt of plans for recreation building to be erected this Spring. Will contain library, reading rooms, auditorium, gymnasium, bowling alley, etc. Est. cost $120,000.

KLAMATH FALLS, Oregon. — C. R. Adams, Merced, at approx. $58,000 submits low bid to U. S. Bureau of Reclamation to const. approx. 15-mi. of North Canal, Langell Valley Division on Klamath Project, Oregon-California involv. approx. 120,000 cu. yds. excavation. J. Phillips, Oakland, only other bidder at approx. $60,000.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, to fur. materials for Navy Yards as follows; date for opening bids as noted at close of each paragraph:
Schedule 1974, for eastern and western yards, bar steel, April 8.
Schedule 1975, for various eastern and western yards, sheet steel, April 8.
Schedule 1980, for eastern and western yards, padlocks, April 8.
Schedule 1983, for eastern and western yards, bolts, nuts and rivets, March 25.
Schedule 1984, for eastern and western yards, tool steel, April 1.
Schedule 1985, for eastern and western yards, 23,900 tin cans, 20,100 do, 4400 do, 5800 pains cans, 10,700 tin cans, 50,000 cylindrical paint cans, 27,200 do, and 4440 putty pails, April 1.
Schedule 1986, for Mare Island, 1000 corn brooms; for San Diego, 500 do; April 5.
Schedule 2001, for San Diego, 4100 ft. air hose, opening of April 1.
Schedule 1994, for Puget Sound, 3850 lbs. condenser tubes, April 15.
Schedule 1995, for Boston, Philadelphia, San Diego, Mare Island and Puget Sound, 12,000 deck and general purpose buckets, April 15.
Schedule 1997, for Boston and Mare Island and Puget Sound, 620 straight white ash oars, April 15.
Schedule 1998, for San Diego, 2500 lbs. ingot aluminum; for Mare Island and Puget Sound, 4100 lbs. monel metal; for San Diego, 7000 lbs pig lead; April 15.
Schedule 2000, for San Diego, and Mare Island, 924 fire extinguishers; for Puget Sound, 108 do; April 15.

SEATTLE, Wash.—Until April 7, 11 A. M., bids will be rec. by Purchasing Agent, Alaska Railroad, 422 Bell Street Terminal tao fur. under Circular No. 632, twist drills, tank steel, staybolt iron, safety ends for boiler tubes, metals and miscellaneous electrical supplies. Circular on file at 204 New Post Office Bldg., Portland and offices of Alaskan R. R., 510 Customhouse, San Francisco.

CLAWSON PATENT CHIMNEY CO.

CLAWSON'S PATENT CHIMNEY is the Most Complete on the Market

CLAWSON'S FURNACE GRATE for Gas, Coal or Wood

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149 GOUGH STREET
Phone Park 6092 San Francisco

WASHINGTON — $300,000 will be available from the current river and harbor appropriations announced by Major General Beach for the San Francisco harbor and $23,000 for the Willamette slough, Ore. Recommendations have been made requesting $229,000 for modification of the existing project of Stockton and Mormon channels, Calif.; $10,000 for Deep River, Wash., channel improvements; $7200 for prevention and flood control work in the Cowlitz river, Wash., and $5000 for flood control work in the Puyallup river, Wash.

TEHAMA CO., Cal.—See "Streets and Sewers," this issue. Bids wanted for highway surfacing.

HALLS AND SOCIETY BUILDINGS

Contract Awarded.
SOCIAL HALL Cost, $18,000
Awarded on cost plus basis.
SONOMA COUNTY, CALIF.
One-story frame and plaster social hall with balcony.
Owner—Withheld until plans are further advanced.
Architect—None.
Contractor—T. R. Ward, 180 Jessie St., San Francisco.

Plans Being Figured—Bids Close April 1, 1924.
VALLEJO, Solano Co., Cal., Georgia St. bet. Sonoma and Marin Sts.
Three-story reinforced concrete store lodge and office bldg.
Owner—Vallejo Lodge of Redmen.
Architect—Clay N. Burrell, American Bank Bldg., Oakland.

Plans Being Prepared.
STORES Cost, $45,000
UKIAH, Mendocino Co., Cal.
Two-story brick lodge and store building (enamel brick).
Owner—Ukiah Masonic Temple Assn.
Architect—Tuttle & Tuttle, 357 12th St., Oakland.

Plans Being Figured.
STORE, CLUB BLDG. Cost, $35,000
SAN FRANCISCO, Polk St. near Market.
Three-story and basement brick store and club bldg.
Owner—Louis R. Lurie.
Architect — O'Brien Bros., 315 Montgomery St., S. F.
The third floor has been leased to the California Camera Club.

SAN FRANCISCO—See "Residences," this issue.

Revising Plans
BUILDING Cost, $—
SAN FRANCISCO, N Parnassus Ave. W Willard St.
Two-story frame fraternity bldg.
Owner—Delta Sigma Delta Fraternity.
Architect—August Headman, Call Bldg. San Francisco.

Bids Wanted for Kitchen Equipment & Refrigerating Equipment—General Contract Awarded.
CLUBHOUSE Cost, $14,810
BOHEMIAN GROVE, Sonoma Co., Russian River.
Frame clubhouse
Owner—Bohemian Club.
Architect—Wm. C. Hays, 1st Natl. Bk. Bldg., San Francisco.
Contractor—Proctor & Cleghorn, Santa Rosa.
Bids are being taken by Mr. Hays for kitchen equipment and refrigerator equipment, etc.

SACRAMENTO, Cal.—Landsdale Post No. 67, Veterans of Foreign Wars, Sacramento, has filed articles of incorporation and plans early construction of club quarters costing $75,000. A site for the structure is yet to be selected. Interested in project are: J. A. Tharp, Harry Forshay, Frank Buck, Verne Rose and Henry Nielan.

WILMINGTON, L. A. Co., Cal.—The Harbor Constr. Co., 326½ Canal St., Wilmington, has prepared plans for a $60,000 clubhouse and boxing arena to be erected at End and 1 Sts., Wilmington, for the Wilmington Athletic Club. J. C. Browne, secy.

LOS ANGELES, Los Angeles Co., Cal.—The Commercial Club of Southern California has taken a 90-day option on the property at 1124 S. Broadway as the site for a new Class A club building. Architect Edwin Bergstrom, 1128 Citizens National Bank Bldg., Los Angeles, has been commissioned to prepare plans for a 13-story and basement Class A club building to be erected on the site. It will be of reinforced concrete construction and will cost $500,000. The property is 50x113 feet.

FRESNO, Fresno Co., Cal.—Building Committee of Benevolent and Protective Order of Elks, Fresno Lodge No. 439, plans early construction of new store, office, lodge and club building, the present quarters at Tulare and L sts. being inadequate due to the rapid growth of the organization. The building committee of the Sacramento lodge will confer with the Fresno organization in outlining a plan to finance the structure.

TRACY, San Joaquin Co., Cal.—Tracy Lions' Building Assn., (Lions Club), has been incorporated to finance erection of new club house. Will be frame construction, 36 by 92 ft. Directors of the assn. are: L. E. Reil, H. M. Schaur, F. L. Jackson, W. D. Harrington and Dr. A. R. Powers.

PALO ALTO, Santa Clara Co., cal.—See "Government Work and Supplies," this issue, Recreation building.

ALHAMBRA, Los Angeles Co., Cal.—S. A. Foreman, chairman of the bldg. comm. of the Alhambra Athletic Club states that the club has under consideration a site 100x200 ft. on Main St. near Almansor St., for the proposed new $100,000 clubhouse. The construction is said to be financed to the required extent.

MERCED, Merced Co., Cal.—The Carpenters' Union of Merced has purchased site in 18th street and plans erection of two-story reinforced concrete store and office building with accommodations for union headquarters on the second floor. The cost will be in the neighborhood of $60,000. Construction will be started in about two years. Officers of the local are: A. C. Allen, president; H. J. Snell, business agent; J. B. Langley, recording secretary and J. W. Spagnoli, financial secretary.

PITTSBURG, Contra Costa Co., Cal.—Pittsburg Elks' Hall Assn. has been incorporated with a capital stock of $100,000. The purpose of the association is to finance erection of a new Elks' temple. Directors are J. B. Blackshaw, R. V. Davis, George T. Oliver, J. B. Baker, W. W. Morgans, Jr., L. M. Slosson, J. E. Johnstone, E. P. Jackson and F. J. Simpson.

HOSPITALS

WASHINGTON, D. C.—House has appropriated $2,500,000 to improve national hospitalization on the Pacific Coast. It is proposed to enlarge San Diego naval hospital from 500 to 750 beds, and enlarge hospital buildings at Mare Island by addition of a fireproof (concrete) structure.

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PASADENA, L. A. Co., Cal.—W. T. Loesch, 109 S Chester St., Pasadena, has the gen. contr. for erecting a frame child nursery bldg. on Center St., Pasadena, for the Pasadena Day Nursery. Found. 100x109 ft. Other contracts were: W. P. Creller, plumbing; E. Drawburgh, painting; W. E. Langstaff, wiring, Cyril Bennett and Fitch H. Haskell, 600 Security Bldg., assoc. architects. Found. 100x109 ft., stucco exter., office, dining rm., play rm., 2 nurseries, lockers, laundry, 3 bedrms., sunrm., children's baths, 3 rms. and bath matron's suite, hot water heating system, oak and pine fls., shakes rf., pine trim.

SACRAMENTO, Cal.—Wilson Bros., Sacramento, at $4745 awarded cont. by county supervisors to fur. and lay linoleum in childrens' and service wards at county hospital. R. A. Herrold, architect, Forum Bldg., Sacramento.

HOTELS

Contract Awarded
HOTEL Cost, $50,000
STOCKTON, San Joaquin Co., Cal., No. 115 E-Washington St.
Three-story 42-room hotel building.
Owner—Wong Mew, Lincoln Hotel, 129 E El Dorado St., Stockton.
Architect—None.
Contractor—Lewis & Green, Commercial Bldg., Stockton.

Revised Plans Being Figured.
HOTEL Cost, $300,000
MARYSVILLE, Yuba Co., Cal. Fifth and E Sts., 163x119-8.
Five-story reinforced concrete hotel, 141 rooms, 11 sample rooms and 80% baths (pressed brick).
Owner—Marysville Hotel Co.
Architect — Edward Glass, Underwood Bldg., San Francisco.
Figures are being taken for a general contract.

Segregated Figures Being Taken.
HOTEL Cost, $50,000
SAN FRANCISCO, SW Cosmo & Taylor. (36 rooms)
Six-story and basement class C hotel.
Owner—Mr. and Mrs. Geo. W. Springer, 1032 Jackson St., San Francisco.
Architect—M. Couchot and J. Rosenwald, 60 Sansome St., S. F.
Bids will be opened in about a week.

Plans To Be Ready For Figures About May 1st.
HOTEL Cost, $—
YOSEMITE VALLEY, Merced River.
Frame cottage style hotel to accommodate 1000 guests.
Owner—Yosemite National Park Co., 689 Market St., San Francisco.
Architect—Edwin J. Symmes, 1st Natl. Bank Bldg., San Francisco

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Owner Taking Figures.
(110 rooms and 100% baths).
HOTEL Cost, $225,000
GRASS VALLEY, Nevada Co., NW Main and North Church Sts.
Six-story reinforced concrete hotel
Owner—Golden Capitol Hotel Co., Inc., R. O. Lee, pres. and Mr. Christensen, Wilson Hotel, 125 Mason St., S. F., vice president.
Architect—Ed Sharpe, 60 Sansome St., San Francisco.
Figures are being taken by Mr. Christensen. Construction will start about May 1st.

Planned.
THEATRE, ETC. $5,000,000 approx
SAN FRANCISCO, Bounded by Market Larkin, Hayes and Fell Sts.
17-story and basement class A theatre, hotel and store bldg.
Owner — Kutner Interests, Claus Spreckels Bldg., San Francisco.
Architect—Name withheld for a few days.

DAVIS, Yolo Co., Cal.—Tingus & Belinis, G and First Sts., Davis, are having plans prepared for a 28-room hotel building at G and First streets. Plans will be so designed to permit future additions.

LOS ANGELES, Cal.—Archt. Saul H. Brown, 528 Union League Bldg., L. A., is preparing plans for an 85-room class C hotel bldg. to be erected on 3rd St. near Fremont Ave. for S. Lewis. The building will be 5-story in front and 3-story in the rear, 46x150 ft., brick walls, press. brick facing, terra cotta trim., struct. steel, comp. rfg., 50% baths, marble lobby, elevators; $125,000

ICE AND COLD STORAGE PLANTS

SEATTLE, Wash.—Strandberg and Robinson, Arcade Bldg., Seattle, at approx. $95,000 awarded contract by Pacific Fruit and Produce Co., to erect storage and ripening warehouse in King St., at ft. of 2nd Ave; will be 90 by 270 ft., 2 story, masonry construction. A refrigerating plant will be installed.

POWER PLANTS

MERCED, Merced Co., Cal.—See "Irrigation Projects," this issue. Merced Irrigation District. Estimates of cost to complete project.

Permit Applied For.
SUB STATION Cost, $60,000
OAKLAND, N 20th St. 612 W Telegraph
Two-story concrete sub-station.
Owner—Pacific Gas & Electric Co., 445 Sutter St., Oakland.
Work will be done by sub contracts and the company's forces.

SAN FRANCISCO—Ohio Brass Co., at $12,937.50 awarded cont. by Bd. Pub. Wks. to fur. and del. insulating bus supports for Hetch Hetchy project, under Section 1, Proposition A.
Delta Star Electric Co., at $2736.60 awarded contracts on same work under Sections 2 and 3, Proposition B.

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PUBLIC BUILDINGS

SACRAMENTO, Cal. — Sacramento Women's Council will recommend to City Commission the installation of an organ in the new civic auditorium for which plans are now being prepared. The installation would cost approx. $50,000.

SANTA ANA, Orange Co., Cal. — Fries & Son Steel Constr. and Engineering Co., an eastern firm, has been awarded contr. by county supervisors at $59,551 for installing cells and other equipment in the new county jail. Frank Benchley, Fullerton, archt.

PIEDMONT, Alameda Co., Cal. — April 1 is date set to vote bonds of $40,000 to remodel city hall.

LOS ANGELES, Los Angeles Co., Cal. —Brombacher Iron Works, 1668 Long Beach Ave., submitted low bid to county supervisors March 24, at $55,980 for stairways and fire escapes for Hall of Justice. Other bids were: Bayer-Rothgeb Co., $62,760; Willis B Kyle, $66,328; Lowith Iron Works, $66,960; City Ornamental Iron Works, $70,990.

PETALUMA, Sonoma Co., Cal.—May 20 is date set by city council to vote bonds of $3000 to finance remodeling of fire engine house.

RESIDENCES

March 21, 1924

Contract Awarded.
BUNGALOW COURT Cost, $20,141
SAN JOSE, 289.50 fr Reed St. & having frontage on Seventh St. of 113.50 and depth 137.50 ft.
Seven unit frame bungalow court and 6 garages.
Owner—V. L. Bemis.
Architect — Wolfe & Higgins, 93-96 Auzerais Bldg., San Jose.
Contractor—Geo. D. McCrary & Ralph J. Sharp, San Jose.

Contract Awarded.
DWELLING Cost, $20,000
SAN FRANCISCO, NW Missouri and 19th Street.
Two-story and basement frame dwlg.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Jno. J. Foley, 770 5th Ave., San Francisco.
Contractor—J. J. Finnegan, 770 5th Ave San Francisco.

To Be Done By Day's Work.
DWELLINGS Cost, $18,000
SAN FRANCISCO, E 46th Ave. 120 146-8 173-4 200 226-8 253-4 S Anza St., San Francisco.
Six 1-story and basement frame dwlgs.
Owner—R. Monson, 607 39th Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.

Plans Completed
RESIDENCE Cost, $18,000
ALAMEDA, E McClure 185 N 29th.
Two-story 14-room frame residence.
Owner—Dr. A. Lilienerantz, 1739 Central Ave., Alameda.
Architect—Edw. T. Foulkes, 357 12th St., Oakland.

Contract Awarded.
RESIDENCE Cost, $—
PETALUMA, Sonoma Co., Cal., 6th St.
Two-story and basement frame and stucco residence (14 rooms, four bathrooms, 2 garages, pool, fountain, etc.)
Owner — Henry Reynaud, 714 B St., Petaluma.
Architect—Brainerd Jones, 110 Washington St., Petaluma.
Contractor—M. H. Fredericks, 525 7th St., Petaluma.

Contracts Awarded.
RESIDENCE Cost, $—
SAN FRANCISCO, S Liberty 155 E church Etreet
Two-story frame and stucco residence with tile roof (10 rooms).
Owner—David Woerner.
Architect—C. A. Meussforffer, Humboldt Bank Bldg., San Francisco.
General contract to Moore & Madsen, 77 O'Farrell St., $33,792.
Grading to Reeder Grading Co., $1875.
Plumbing to Alex Coleman, 706 Ellis St., San Francisco, $2916.
Electrical work to National Elec. Co., 106 Turk St., $778.

Plans Being Figured.
RESIDENCE Cost, $15,000
PALO ALTO, Santa Clara Co., Cal., Stanford Campus.
Two-story frame and stucco residence with tile roof (10 rooms).
Owner—Dr. C. L. Alsberg, Palo Alto.
Architect—John K. Branner, 251 Kearny St., San Francisco.
Bids are being taken for a general contract except the tile roof for which separate bids are being taken.

Contract Awarded.
RESIDENCE Cost, $140,000
SAN FRANCISCO, S Laguna from Bay to Francisco.
Three-story and basement brick residence.
Owner—S. F. Ladies Protective and Relief Society.
Architect — Miss Julia Morgan, Merchants Exchange Bldg., San Francisco.
Contractor—D. B. Farquharson, 1760 Ellis St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $25,000
SAN FRANCISCO, W 19th Ave. 125 N Lake.
Two-story and basement frame residence.
Owner—Phillip Zimmerman, 2409 Howard St., San Francisco.
Architect — Will H. Toepke, 714 Call Bldg., San Francisco.
Contractor—A. H. Wilhelm, 180 Jessie St., San Francisco

FLINTRIDGE, L. A. Co., Cal.—Archt. and Engr. Truesdale & Newton, 304 San Fernando Bldg., L. A., are preparing plans for a 13-room residence to be erected at cor. of Flintridge Ave. and Woodlay Lane, Flintridge, for Harry Johansing. Frame constr., cement gun exter., 2-story and basement, tile rfg., gas unit htg. sys., aut. water htr., 5 tile baths, hardw. and pine fls. and trim. The entire site will be landscaped and there will be a formal garden and terraces; $75,000.

Contract Awarded.
RESIDENCE Cost, $18,000
ALAMEDA, E McClure 185 N 29th.
Two-story 14-room frame residence.
Owner—Dr. A. Lilienerantz, 1739 Central Ave., Alameda.
Architect—Edw. T. Foulkes, 357 12th St., Oakland.
Contractor—Alfred Petersen, 3918 Linwood Ave., Oakland.

LOS ANGELES, Los Angeles Co., Cal. —M. Walters of Barnum-Walters Co., subdividers of Sparr Heights, North Glendale, has secured permit to erect by day work a 14-room dwelling in Sparr Heights according to plans prepared by Architect A. F. Leicht, 462 N. Vermont Ave., Los Angeles; Italian design; outdoor swimming pool; $35,000. Stucco exterior, tile roof, hardwood floors, composition mantels, 3 tile baths and gas furnace.

WOODLAND, Yolo Co., Cal.—Contractor W. R Fait, 29 Palm Ave., Woodland, is preparing plans and has the contract to erect an $18,000 residence 4 miles south of Williams, Colusa County, for Bud Meyers.

SAN RAFAEL, Marin Co., Cal.—Jules Levy, San Rafael, has purchased Koenig property at H and Fourth sts., 680-ft. frontage by 300-ft. in depth and plans to construct a bungalow court. Will lay out concrete walks. Considerable landscape work will be involved.

PASADENA, L. A. Co., Cal.—Bissner & Howard, 1106 S Fair Oaks Ave., So. Pasadena, are preparing plans for a 2-story and full basement brick store and office bldg. to be erected at the s.w. cor. Union St. and Broadway, Pasadena, by Carl G. Wopschall, 360 S Raymond Ave., Pasadena, for himself. Four, 117x82 ft., 7 stores, 30 offices, press, brick, plate glass, art stone and marble base fronts, wood store floors, hardwood office floors, pine and linoleum corridor floors, gas-hot water heating, comp. rf.

PASADENA, Los Angeles Co., Cal.—Architect Joseph J. Kucera, 424 Braley Bldg., Pasadena, is preparing plans for a two-story 17-room frame Italian dwelling to be erected on San Rafael Ave., Pasadena, for Mrs. S. M Bates and Miss Martindale. Stucco exterior, shingle roof, hardwood floors, tile hall and dining room floors, 5 tile baths, unit heating, retaining walls, garden pool, fountain, 3-car garage with man's apartments.

PASADENA, L. A. Co., Cal.—E. L. Aimes, 471½ Orange Grove Ave., Pasadena, has the contract to erect a $29,750 group of 9 4-room and 1 8-room frame dwellings at 1030 N Raymond Ave., Pasadena, for Woolard Bros. Stucco exters., comp. rfs., oak and pine fls., gas heating.

SANTA BARBARA, Santa Barbara Co., Cal.—J. A. Clarey has the contr. and has started work on a pretentious house on E Valley road, one-half mile beyond Sheffield Dr. for Mrs. Harry French Knight, of Montecito. The cost and plans have not been made public but it is estimated the cost will amount to over $200,000. Mrs. Knight has been preparing and planting the grounds for the past 10 years.

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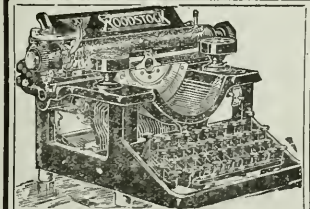

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LOS ANGELES, Cal.—Archt. Everett H. Merrill, 3801 W 6th St. is preparing plans for 10 3, 4 and 5-room frame dwellings to be erected in east Los Angeles for a syndicate. Total cost about $50,000. Stucco exters., tile and shingle rfs., hardwd fls., tile baths and drainbds., gas rads.

NOGALES, Santa Cruz Co., Cal. — Archt. Everett H. Merrill, 3081 W 6th St., has prepared plans for a $30,000 2-story 8-room frame Spanish dwelling to be erected in Nogales, Ariz. by Lucy T. Miller. Bids will be received in Nogales. Stucco exter., tile rf., hardwood fls., 3 tile baths, steam heat.

SCHOOLS

Plans Being Prepared.
GYMNASIUM ETC. Cost, $100,000
LEMOORE, Kings Co., Cal.
Reinforced concrete gymnasium and shop building.
Owner — Lemoore Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Plans Being Prepared.
SCHOOL. Cost, $40,000
OROVILLE, Butte Co., Cal.
One-story 8-room brick grammar School.
Owner—Oroville School District.
Architect—Cole & Brauchoud, Waterland-Breslauer Bldg., Chico.
Common and pressed brick structure with roof of T & C tile.

Plans Being Prepared.
SCHOOL ETC. Cost, $50,000
RED BLUFF, Tehama Co., Cal.
Three-story reinforced concrete (12 rooms) parochial school and residence.
Owne —Catholic Dioceses.
Architect—Cole & Brouchoud, Waterland-Breslauer Bldg., Chico.
Tile roof, steam heat.

Plans To Be Prepared.
SCHOOL BLDGS. Cost, $—
SAN FRANCISCO, location not selected
Group of school buildings, etc.
Owner—Boys Aid Society.
Architect—Meyer & Johnson, 742 Market St., San Francisco.

General Contract Awarded.
SCHOOL, ETC. Cost, $48,000 approx.
SAN ANSELMO, Marin Co., Cal.
Two-story and basement reinforced concrete parochial school.
Owner—Roman Catholic Archbishop.
Architect—Leo J. Devlin, Pacific Bldg. San Francisco.
Contractor—John G. Leibert, 180Jessie St., San Francisco.
Contracts for the plumbing, heating and electrical work will be awarded next week.

General & Plumbing Contracts Awarded—Other Bids Under Advisement.
SCHOOL Cost, $180,000
COLMA, San Mateo Co., Cal.
One and two-story 15-room and auditorium reinforced concrete school building.
Owner—Jefferson Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
General contract awarded to Sample & Cody, Call Bldg., S. F., at $122,500.
Plumbing to Frederick W. Snook and Son, 596 Clay St., S. F., $8484.
Other bids are still under advisement.

LOS ANGELES, Los Angeles Co., Cal. —Until 9 A. M., April 11, bids will be received by the Los Angeles Board of Education for erecting an addition to the Cornwell St. school building on Sheridan St., between Cornwell and Bread Sts.; Russell & Mpaugh are the architects. The building will be of brick construction and is to cost $46,000. Bids will be taken separately on general contract, plumbing, wiring, painting and heating.

McFARLAND, Kern Co., Cal.—Bids will be asked at once by McFarland Grammar School District to erect 6 classroom and auditorium school; est. cost, $45,000. J. M. Saffell, architect, 924 19th St., Bakersfield. Plans obtainable from architect or P. A. Lee, Clerk of District.

SALINAS, Monterey Co., Cal.—Until April 4, 8 P. M. bids will be rec. by Arthur Walter, sect'y., Board of Education, for general work, plumbing and sheet metal, heating and electric work for the Lincoln and Roosevelt schools. Plans obtainable from Architects Davis-Heller-Pearce Co., J. J. Donovan, associated, 1916 Broadway, Oakland, on deposit of $25, returnable. **See call for bids under official proposal section in this issue.**

SAN RAFAEL, Marin Co., Cal.—Board of Education, O. R. Hartzell, Sect'y., withdraws call for bids to grade and fill high school athletic field. Bids were to have been opened March 20. The work will be done, funds are available, following the completion of the high school building, bids for which will be asked shortly. Shea & Shea, Architects, Chronicle Bldg, San Francisco.

LOS ANGELES, Los Angeles Co., Cal.—The architectural department of the Los Angeles board of education has been authorized to prepare plans and spec. for a new school bldg. to be erected near the McKinley Industrial Home in San Francisco Valley. It will contain 8 classrooms and will be of brick construction. The architectural department has also been authorized to prepare plans for a new bldg. to be erected at the 9th St. school site. It will contain 12 rooms, brick construction, and is to cost $84,000.

SAN FRANCISCO—Supervisors sell $5,000,000 block of school bonds for $5,196,063; proceeds of sale to finance purchase of sites, erection of new schools and additions to standing structures. John Reid, Jr., First National Bank Bldg., San Francisco, city architect.

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NEAR SANDY Pratt, President.
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AND BOB Hair, her husband.
WAS OLD fashioned.
AND THOUGHT women.
SHOULD STAY home.
COOK HIS meals.
AND NOT spend 90%.
OF THEIR time.
PLAYING BRIDGE and poker.
MRS. BOB Hair wanted
TO BOB her hair.
FRIEND HUSBAND was opposed.
BUT LIKE all wives.
SHE BEGAN to argue.
SHE SAID her headaches.
WOULD DISAPPEAR.
IF THE weight.
OF HER hair.
AND HER hair net.
COULD BE removed.
FROM HER brain casing.
SO BOB Hair gave in.
BECAUSE IT is the easy way.
FOR SOME ladies will argue.
AND BOB liked to read.
WHEN HE was home.
SO THE hair was bobbed.
AND NO more complaints.
ABOUT HEADACHES from friend wife
BUT THE bills.
FOR MARCELLS, trimming, etc.
GAVE POOR Bob Hair headaches.
AND SANDY predicts.
THAT SOON all men.
WILL WEAR long hair.
AND A lady with long hair.
IS NO lady at all.
AND NOW changing.
FROM THE sublime.
TO THE ridiculous.
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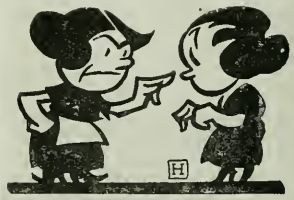
AND CLEANEST sharp sand.
IN THE world.
HEARD IRWIN Engler, secretary.
OF SACRAMENTO Chamber of Commerce.
TELL THE Sacramento Rotary Club.
THAT STATISTICS show.
THAT OUT of every 100 women.
THAT FAINT.
99% FALL into the arms.
OF GOOD looking men.
AND ONLY 1% fail.
INTO THE kitchen sink.
"I THANK you."



Mrs. B. A. Hammer tells Mrs. Bob Hair how to handle husbands even if your hair is bobbed. Mrs. Hammer admits you must have (Pratt's) sand to get "rocks" (Prattrock) from friend husband.

SAN FRANCISCO—Graton & Knight Mfg. Co. awarded cont. by Bd. of Supervisors to fur. leather belting for Mission and Galileo high schools. Rabjohn and Morcom at $1420.89 awarded cont. to fur. artists' supplies for school department.

SANTA MONICA, L. A. Co., Cal. — Until 7.30 p. m., April 7, bids will be received by the board of education of Santa Monica high school dist. for erecting additional bldgs. at Lincoln junior high school; Allison & Allison, 1405 Hibernian Bldg., L. A., archts. Bids will be taken on 12 segregated contracts. The bldgs. will include an auditorium and manual arts bldgs., cafeteria and domestic science bldgs., gymnasiums, shower and locker rooms, bleachers and grandstand. There will also be a running track, tennis and basketball courts. The gymnasiums will be of frame constr. with metal lath and plas. exter. The other bldgs. will be of brick constr. with rug. brick exter., clay tile rfg.; $258,000.

DELHI, Merced Co., Cal.—Until April 7, 10 a. m. bids will be rec. by C. G. Lane, clerk, Madison School District, Box 75, Delhi, to erect 4-room school on Lot 37, Ballico Townsite Cert. check 10% payable to clerk req. Plans obtainable from clerk.

LEMOORE, Kings Co., Cal. — G. W. Atwater of Fresno at $6263.26 awarded contract by Board of Trustees of the Lemoore High School District for painting on high school building. W. H. Weeks, 369 Pine St., S. F., architect.

SAN DIEGO, San Diego Co., Cal.—Archt. W. Templeton Johnson, 502 Timken Bldg., San Diego, is completing preliminary plans for the $110,000 La Jolla high school addition. Bids will be called for shortly. The addition will contain 7 rooms and auditorium. The 7 rooms will be located in the second floor, while the auditorium, 40x60 ft., will be added to the rear. The latter will have a seating capacity of 550, with stage 24x60 ft., and motion picture projection booth, dressing rooms, etc. Stucco exter. and tile roof, to harmonize with the present Spanish renaissance architecture.

MONTEBELLO, L. A. Co., Cal.—Until 8 p. m., April 5th, bids will be received by the trustees of the Montebello school dist., for a grammar school bldg to be erected at the Bandini school site, Montebello. Bids will be received on (1) general contract, (2) plumbing, (3) elec. wiring, (4) heating, (4) painting. It will contain 6 rooms and will be of brick constr., shingle rfg., hardwd. fls gas rads., pine trim. Jeffery & Schaefer, 1106 Kerckhoff Bldg., archts.

SAN DIEGO, San Diego Co., Cal.—Architect Edwin T. Banning, San Diego, has been instructed to proceed with working drawings, estimates, etc. for the proposed Point Loma school bldg. Preliminary sketches have been approved. The board instructed Mr. Banning to keep the cost within $200,000. The bldg. will be of Spanish renaissance type, with a capacity for 800 students. There will be 12 classrooms laboratories, study rooms, library, offices, etc.

PIEDMONT, Alameda Co., Cal.—April 1 is date set to vote bonds of $85,000 to erect and complete school buildings.

Res. Phone Piedmont 482

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Equipped with Stump Pullers
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3212 Baker St., Berkeley, Calif.

SEATTLE, Wash.—Archt. and Eng. Henry Bittman, Securities Bldg., has completed plans for 2-story, 126 by 140 ft., Class "A" 12 classroom and auditorium St. Benedict's school to be erected in Wallingford Ave., bet. 48th ad 49th Sts. Bids will be asked shortly.

BANKS, STORES & OFFICES

Contract Awarded.
STORES Cost, $15,000
SAN FRANCISCO, Jones St., near Golden Gate Ave.
One-story and basement reinforced concrete (2) stores.
Owner—Louis R. Lurie.
Architects—O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor—Wm. Martin, 180 Jessie St. San Francisco.

Plans Being Figured.
OFFICE BLDG. Cost, $400,000
SAN JOSE, N 1st St. adjoining Bank of San Jose Bldg.
Ten-story class A steel and concrete office building.
Owner—Commercial Club.
Architect—Binder & Curtis, 255½ S 1st St., San Jose.
Figures are being taken as follows:
General contract.
Heating.
Plumbing.
Elevators.
Steel frame.
Bids will be opened in about three weeks.

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$3.50 to $7.00

COUNTY and GENERAL AGENTS WANTED

SECURITY SALES CO.
253 MONTGOMERY STREET
San Francisco, Calif.

Plans Being Prepared.
ALTERATIONS Cost, $——
SAN FRANCISCO. No. 375 Sutter St.
After first floor and basement of seven -story brick and steel Class C office building into high class market & renovate upper floors for offices.
Owner—A. M. Lesser.
Architect — Norman R. Coulter, 46 Kearny St., San Francisco.
This structure was formerly occupied by the Spring Valley Water Co. The upper floors will be newly painted, etc.

Plumbing Bids Being Taken.
OFFICE BLDG. Csot, $1,500,000
SAN FRANCISCO. S E Market & Beale Streets.
Seventeen-story and basement Class A brick, steel and concrete office building.
Owner—Pacific Gas & Electric Co.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Consulting Engineer — C. H. Snyder.
Consulting Mechanical Engineer—Hunter & Hunter.
Bids for the plumbing will be opened on April 8, 1924. As reported on March 14th, bids are being taken for the electrical wiring and will be opened on April 2nd.
Bids for the general contract, plastering, lathing, furring, masonry and light fixtures are under advisement.

Contract Awarded.
ALTERTIONS Cost, $22,500
OAKLAND, NW 11th and Washington.
Alterations to store.
Owner—J. Shoong.
Architect—B. J. Joseph, Call Bldg., San Francisco.
Contractor — Geo. W. Anderson, 1251 Adams St., Oakland.

SAN FRANCISCO—See "Garages," issue.

Revised Plans Being Prepared.
DEPARTMENT STORE Cost, $30,000
RICHMOND, Contra Costa Co., Cal. Cor. Macdonald Ave. and Ninth St.
Two-story and mezzanine reinforced concrete, brick and steel department store.
Owner—J. Albert.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
The plans are being revised by making the structure two stories high instead of one story.

Contract Awarded.
STORE BLDG. Cost, $45,000
FRESNO, 2205-19 Stanislaus St.
One-story and basement brick store building.
Owner—Elliott Bradley.
Contractor — Trewhitt-Shields, Rowell Bldg., Frsno.

Contracts Awarded.
STORE BLDG. Cost, $50,000
SACRAMENTO, 10th and K Sts.
Three-story and basement store bldg.
Owner—Herman Davis, 1014 K St., Sacramento.
Architect—Hemmings & Stark, Ochsner Bldg., Sacramento.
Structural Engr—George Colder 1010½ 8th St., Sacramento.
Contractor — McGillivray Construction Co., Folsom Blvd. and 65th St., Sacramento.
Polychrome terra cotta has been awarded to Gladding McBean & Co., Crocker Bldg., San Francisco.

Contract Awarded.
STORE Cost, $8900
SAN FRANCISCO, W Montgomery 120 N Jackson.
One-story and mezzanine floor & basement concrete store.
Owner—J. B. De Marla, 2900 Pierce St., San Francisco.
Contractor—J. Del Favero & Co., 180 Jessie St., San Francisco.

PACIFIC WAX-DYE CO.
Manufacturers of Specialties
Paints, Waxes, Dyes, Polishes
2886 16th St. San Francisco

Planned.
STORE Cost, $—
SACRAMENTO, S "J" bet. 11th and 12th Streets.
Fireproof department store.
Owner—Eastern Outfitting Co.
Architect not selected.
Further details will be given later.

Contract Awarded.
CARTENTRY ETC. Cost, $53,000
SAN FRANCISCO, SW Maiden Lane & Grant Ave.
Carpenter, plastering, mill, glazing, plumbing, painting, stairs, marble and cabinet work for class C bldg.
Owner—Sommer & Kaufmann Inc., 119 Grant Ave., San Francisco.
Architect — Will H. Toepke, New Call Bldg., San Francisco.
Contractor—Fink & Schindler, 218 13th St., San Francisco.

Ready For Segregated Figures.
MARKET BLDG. Cost, $10,000
SAN FRANCISCO, Masonic Ave. and Fulton St.
One-story frame and stucco market building.
Owner — Jacob Weissbein, Fairmont Hotel, San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Completing Plans—Figures To Be Taken In About a Month—Steel Contracts Awarded.
ADDITION Cost, $750,000 approx
SAN FRANCISCO, N Bush St., between Grant Ave. and Kearny St.
12-story class A addition to Central Exchange and office building.
Owner—Pacific Telephone & Telegraph Company.
Architect — Bliss & Faville, Balboa Bldg., San Francisco.
Steel awarded to Dyer Bros., 1950 17th St., S. F. at $205,000.

Completing Plans—Steel Contract Awarded.
MAIN OFFICE BLDG. $750,000 approx
LOS ANGELES, Cal.
12-story class A main office bldg.
Owner—Pacific Telephone & Telegraph Company.
Architect — Bliss & Faville, Balboa Bldg., San Francisco.
Steel awarded to American Bridge Company.
Plans will be ready for figures in about a month.

Carpentry, Masonry, Plastering and Brick Work Contracts Awarded—Sub-Figures Being Taken.
OFFICE BLDG. Cost $1,500,000
SAN FRANCISCO, SE Market & Beale Streets.
Seventeen-story and basement Class A brick, steel and concrete office building.
Owner—Pacific Gas & Electric Co.
Architect — Bakewell & Brown, 251 Kearny St., Sa nFrancisco.
Consulting Engineer — C. H. Snyder.
Consulting Mechanical Engineer — Hunter & Hunter.
As reported before, bids for plumbing will be opened on April 8, 1924. Bids are being taken for the electrical wiring and will be opened on April 2nd. The heating bids will be opened on April 5, 1924.
Carpentry and masonry awarded to Louis Cohn, 110 Sutter St., S. F.
Lathing, plastering and furring to Peter Bradley, 180 Jessie St., S. F.
Brick work to Reed & Reed, 180 Jessie Street, S. F.

LOS ANGELES, Cal.—Edward T. Flaherty Co., engrs., I. W. Hellman Bldg., L. A., are preparing plans for a 9-story class A furniture depository to be erected on Western Ave. for a local client; it will have offices and lobby on first fl. with private storage rooms, trunk rooms, carpet storage vaults, general storage space and vaults on the upper fls. Reinf. conc. constr., 9-story, 60x100 ft., press. brick and terra cotta facing, comp. rfg., cement, hardwood and tiled fls., elec. freight elevators, steel sash, wire and plate glass, probably sprinkler sys., ornam. iron work; $150,000.

YUBA CITY, Sutter Co., Cal.—Producers' Bank, Alvin Wells, president, has been given a site at Plumas and Scott Sts., with the proviso that a $10,000 bank building be erected within the next six months.

LOS ANGELES, Cal. — Archt. John M. Cooper, 321 Marsh-Strong Bldg., is preparing plans for a class C store and garage bldg. to be erected on 18th St., near Figueroa St., for the I. W. Hellman Estate, to be occupied by the Paul G. Hoffman Co.; it will contain about 6 stores and garage auto sales space and offices. Brick walls, 100 by 130 ft., 1-story and mezzanine fl., press. brick facing, wood roof trusses, cement, tile and hardwd. fls., comp. rfg., metal skylights, steel sash, plate and wire glass; $75,000.

Contract Awarded.
STORE BLDG. Cost, $20,000
OAKLAND, Alameda Co., Cal., E Grand Ave, 830 S Cottage.
One-story concrete store building.
Owner—F. E. Romie, 418 Newton Ave., Oakland.
Contractor — Leslie R. Wilson, 2216 Blake St., Berkeley.

LONG BEACH, L. A. Co., Cal.—Architects Curlett & Beelman, 408 Union Bank Bldg., have completed plans and are taking bids for erecting a 13-sto. and basement class A bank and office bldg. at First St. and Pine Ave.; Long Beach, for the Security Trust & Savings Bank. The bank will occupy the first story and each of the upper stories will contain 26 offices; dimensions, 75x150 ft., steel frame, brick filler walls press, brick and terra cotta facing, reinf. concr. firs.; plate glass, marble and tile work, mahogany trim, 4 elevators, ornamental iron, safety deposit vaults, steam htg., bank fixtures; $1,000,000. Bids will be taken separately on the general contract, plumbing, heating, wiring, elevators.

LOS ANGELES, Los Angeles Co., Cal.—Architects Morgan, Walls & Clements, 1124 Van Nuys Bldg., Los Angeles, have completed plans for the class A newspaper publishing bldg. to be erected on Georgia st., near Pico st. for the Evening Herald. Bids will be taken this week on the first unit. It will be 200 x 141 ft., 3-stories and part basement, designed for 4 stories; reinf. concrete construction, brick filler walls, stucco and cast stone exterior, steel sash, plate and wire glass, metal skylights, elevators, steam htg. The second unit will be the same dimensions and will face on Trenton st.

OCEAN PARK, Los Angeles Co., Cal.—George Cleveland of the Venice Inv. Co. announces that work will be started at once on the new $500,000 theatre building to be occupied by the West Coast Theatres. The building will be 210x126 ft., with seating capacity for 2000. It will be of fireproof construction throughout.

LYNWOOD, L. A. Co., Cal. — R. W. Sanders and associates are planning to erect a theatre costing $100,000 at the cor. of Oakwood Ave. and Long Beach Blvd., where they have acquired a lot 110x150 ft. The bldg. will be 2-story containing stores, theater seating 1000, and offices. Brick constr.; pipe organ.

MONTEREY PARK, L. A. Co., Cal.—Archt. Leonard L. Jones, 603 Grosse Bldg., L. A., has completed plans and is taking bids for a class C theatre bldg. to be erected at Monterey Park for Mr. Campbell; it will have a seating capacity of about 800 people, and there will be 8 stores. Brick walls, 1-story, 210x116 ft., press. brick facing, comp. rfg., cement, pine and hardw. fls., metal skylights, gas htg., htg. sys, steel sash, plate glass, struc. steel, wood roof trusses, pine trim.

OCEAN PARK, Los Angeles Co., Cal.—Alfred F. Priest, 719 Fay Bldg., is preparing plans for a class A theatre bldg. to be erected on the site of the former Dome theatre at Ocean Park for the Raymond Amusement Co. It will be called the Rosemary Theater. The auditorium with balcony will seat 2000 people; dimensions, 100x174 ft., 2-sto. foyer, rest rooms, offices; reinf. corcr. construction, steel roof trusses and balcony construction, opera chairs, heating and ventilating; $250,000.

LOS ANGELES, Los Angeles Co., Cal. Architect G. Albert Landsburgh, 700 Junior Orpheum Bldg., has been commissioned to prepare plans for a Class A theatre and loft building to be erected at 838 S. Broadway, for the Broadway Properties Co.; Joe Toplitsky, agent. There will be a theatre with balcony to seat 2400 people, the front section of the building will be 13-story and will contain lofts. Dimensions, 138x148 feet, the theatre will be of steel frame construction and the loft section will be of reinforced concrete construction, pressed brick and terra cotta facing, 4 electric elevators, basement, steam heating system, composition roofing, plate glass, cement, hardwood and tile floors, tiled toilets, pine and hardwood trim, steel sash Cost, $1,000,000. The theatre will be leased to the Orpheum Theatre Circuit.

LOS ANGELES, Cal.—Macdonald & Kahn, Mercantile Arcade Bldg., have the contract on a percentage basis for erecting a class A theater bldg. and a class C store, office and apartment bldg. at n.e. cor. of Vermont Ave. and Washington St. for West Coast Theaters, Inc. Albert C. Martin, 228 Higgins Bldg., archt. The bldg. will be 250x190 ft.; the front portion will be class C construction and will contain stores, offices and apartments. The auditorium will be reinforced concrete construction and will seat 2000 people. The cost will be about $300,000.

THEATRES

Plans Being Figured—Bids Close Mar. 29, 1924.
SAN LEANDRO, Alameda Co., Cal., E-14th St. and San Joaquin Ave.
Reinforced concrete theatre, store & oil station.
Owner—Fred Schmidt, 1404 E-14th St., Oakland.
Architect—E. D. Whitman, Hayward.

Plans Being Prepared.
STORE & THEATER Cost, $—
BURLINGAME, San Mateo Co., Cal., Burlingame Ave. and Primrose Rd.
Reinforced concrete store and theatre building.
Owner—Foster Weeks, 369 Pine St., San Francisco.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

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(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

SAN DIEGO, San Diego Co., Cal.—Archts. Ashley & Evers, 518 Mortgage Guarantee Bldg., and 58 Sutter St., San Francisco, have completed plans and are taking bids for store and loft bldg. to be erected at s.w. cor. C and 7th Sts., San Diego, for the Dohrman Commercial Co. Reinf. conc. const., 4-story and basement, comp. rfg., press. brick facing, cement fls., plate glass, elec. elevators, sprinkler sys., steel sash, metal skylights, designed for two future stories. Baker Iron Works has the contract for struc. steel.

PORTLAND, Ore.—Dougan & Chrisman, Hinckley Bldg., Seattle, at approx. $300,000, awarded contract to erect 4-sto. annex to U. S. National Bank Bldg. Total cost of project will run between $600,000 and $700,000. Marble work was awarded to O. E. Lutz, Alaska Bldg., Seattle, and the terra cotta work to the Gladding, McBean Company of San Francisco. Doyle & Merriam, architects, First National Bank Bldg., Seattle.

LOS ANGELES, Cal.—Archts. Curlett & Beelman, 408 Union Bank Bldg., L. A., are taking bids for structural steel for the 12-story class A store and office bldg. to be erected at s.w. cor. of 7th and Flower Sts. for the Sun Realty Company.

OAKLAND, Cal.—See "Hall & Society Buildings," this issue.

WHARVES AND DOCKS

Bids To Be Called For In A Few Days.
WHARVES ETC. Cost, $1,000,000
ALAMEDA, Alameda Co., Cal., Foot of Grand St.
Wharves, piers, warehouses, etc. for terminal (creosoted and concrete piling, timber and corrugated iron bldgs.)
Owner—Alaska Packers Assn.
Engineer for Wharves—Frank White, Ferry Bldg., San Francisco.
Engr. for Bldgs.—Phillip L. Bush, California St., San Francisco.
The piling contract has been awarded to St. Helens Creosoting Co., Matson Bldg., San Francisco.
Bids for construction of a wharf 750 feet long will be called for in a few days.

OCEAN PARK, Cal.—Ocean Park Pier Co. plans Egyptian style pavilion for dancing purposes on Ocean Park pier. It will be 250x180 ft. and cost, $180,000.

LOS ANGELES, Cal.—Anton Johnson Co., 1007 S Grand Ave., submitted low bid to harbor comm., March 21, at $86,320 for constructing steel transit shed at Berth 178, under spec. 591. Other bids were: Union Iron Wks., $87,049; Austin Co. of Calif., $88,500; McKay Engineering Co., $90,775; Hodge & McMackin, $929,38; Lynch Constr. Co., $93,794; Witt & Chute, $95,900; Brombacher Iron Wks, $98,300; Merritt-Chapman & Scott, $133,558.35. Blds were referred to the engr. for analysis and recommendation.

SAN DIEGO, Cal.—Robert E. McKee, San Diego and El Paso, Texas, awarded contr. by council and harbor commission at $72,760, to const. various works on Municipal Pier No. 2, under Contract D.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded.
MORTUARY Cost, $21,000
PALO ALTO, Cowper St. and University Avenue.
Two-story concrete and hollow tile mortuary.
Owner—Roller & Hupgood, 430 University, Palo Alto.
Architect—John K. Branner, 251 Kearny St., San Francisco.
Contractor—Wells P. Goodenough, 310, University Ave., Palo Alto.

RICHMOND, Contra Costa Co., Cal.—City Council votes to submit bond election in June to vote funds to finance construction of municipal bath house. A. C. Faris, City Clerk.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Building and Engineering News, 818 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be acompanied by the Index Number of each opportunity.

8035—Osaka, Japan. Larke importers of parchment paper, white glazed printing paper, novelty colored paper, playing cards, hardware, alarm clocks, bicycles, phonographs, soaps, perfumes and cotton shirting, desire to buy in San Francisco and request prices, full information and samples where reasible. They are prepared to furnish an irrevocable letter of credit in San Francisco.

8036—Osaka, Japan. Firm desires to buy wall board in large quantities. Catalogs, price lists and shipping conditions by carload lots are desired.

8038—Kobe, Japan. Importers desire to buy white ash lumber, second growth, for the purpose of manufacturing tennis rackets. They request samples and quotations from San Francisco exporters.

8043—Vienna, Austria. Producers of large quantities of bauxite desire to quote prices to California manufacturers of aluminum and other users of this product.

8044—Cheefoo, China. Foreign trade firm, exporting pongee silk, lace, embroidery, carpets and hair nets, desire to appoint a reliable San Francisco firm as exclusive sales representative in California. It also wishes to import hardware, builders' hardware, glass and flour. Bank references given.

8045—London, England. Manufacturer of furniture and floor polishes desires to appoint a San Francisco salesman or firm as exclusive agent to handle its line. Liberal commission is offered.

8048 — Brussels, Belgium. Manufacturers of cement quote prices c. i. f. San Francisco. Delivery, terms and complete information on file at foreign trade bureau.

8053—Chihuahua, Mexico. Electrical store desires to import radio apparatus and parts and seeks catalogs and prices from San Francisco suppliers.

8055—Chihuahua, Mexico. 20,000 tons of manganese f. o. b. El Paso, Texas, is offered for immediate delivery. Offers are desired.

8057—London, England. Large import and export firm desires to establish a buying and selling connection with responsible San Francisco commission house handling steel products.

8058 — Amsterdam, Holland. Manufacturer of translucent window display stickers desires to appoint an exclusive representative in San Francisco. It is claimed that this advertising novelty has had marked success in England and Franci.

8059 Oradea Mare, Roumania. Manufacturer of plaster, cement, asphalt, and pigment, desires to appoint an active San Francisco firm as agent for developing the California market.

8060—United Kingdom. British manufacturer of pure asbestos and brass wire brake lining for automobiles and cranes desires to appoint an agent in San Francisco.

8063—Soquel, Calif. Young English businessman, 23 years, with past ten years' experience in China, able to speak Northern dialects and understand thoroughly Chinese trade conditions, desires an opening in a San Francisco foreign trade firm. Opportunity to develop more desired than large salary.

8005—San Francisco, Calif.—Young man experienced in lumber trade, desires to secure connection with export department of San Francisco firm, with view to foreign representation.

D-1154—Raymond, Calif. Gentleman would like to get in touch with firms in the market for soapstone.

D-1156 — Hills, Calif. Party would like to get in touch with lumber buyers, contractors or anyone needing lumber. Has sawmill and fine timber, yellow pine, sugar pine, red fir and cedar.

D-1157—Ceres, Calif. Gentleman has 35 18-year old olive trees that he has taken out of ground and desires to sell same to firms making tools, ets., of California woods.

D-1158—San Francisco, Calif. Experienced salesman desires to make permanent connection with reputable San Francisco firm. Prefers to work on commission basis with drawing account.

D-1159—Houston, Texas. Warehouse company is anxious to increase its service to San Francisco businessmen and can act as forwarding agents.

Leads for Business

WOODWORKING—J. C. Martin (shop) 1566 Divisadero.

MISCELLANEOUS — Wm. M. Bolger buying department of General Mercantile Co., 220 3rd.
Pacific Pad Co. (David Piltzer and M. Warshawsky), 157 7th.
Don Woodrum and E. J. Dupuy, 465 California.
E. J. Berg, 1370 Mission.
Chas. E. Robertson Co., 760 Market.
A. J. Deer Co. (E. B. Beck), 689 Mission.
Sam Applestone, 515 Mission.

ADDRESS WANTED — Local office Chas. E. Bedaux Co. (Cleveland).

LEASES—Mar 3, 24—Michael D and Mary A Hardiman to Annie Lena Selix—N Clement bet 28th & 29th Ave No 2724 Clement St 5 yrs $2820.
Mar 4, 24—Tangley Manufacturing Company to Fred C Wilkins — Machinery etc ——— $1015.
Feb 29, 24—Louis and Sarah Melmon to Chas E Wilson—161 6th ave 1 yr $300.

ASSIGNMENTS OF LEASES—Feb 4, 24—Marie Cailleux to J J Lattie—All interest in annexed lease (no lease annexed).
Mar 11, 24—Anita Nathorst to Mary Kuchler—805 o r 290 S California 165 E Hyde E 27-6 x S 137-6 known as 1355 California St.

LEASES—Jan. 12, 24—John Bjorkman to Victor Holmgren—5485 Mission St 3 yrs $20 per mo.
Mar 1, 24—Sam Wolf and Jacques Rousso to Tait's Restaurant Inc—N O'Farrell 82-6 E Powell N parl to Powell 137-6 x E parl to O'Farrell 55 And basement Hippodrome Theatre 5 yrs 10 mos $102,500.
Mar 7, 24—A J Crocker to L Bowers —N Geary bet 15th ave and 16th ave 5124 Geary St 3 yrs $2220.
Mar 4, 24—Morris Lando and Meyer Lando to Steve S Kascampos and Gust Sutter and Angeles A Guralas—SE cor Eddy and Leavenworth 399 Eddy St 5 yrs $12,000.

APPRAISERS—A W. Lawson (marine) 507 Montgomery to 1 Drumm.

ATTORNEYS—F. E. Supple and C. M. Bradley, Mills Bldg. to Chancery Bldg.

BROKERS — Francisco Soldner, 507 Montgomery to 1 Drumm.

CLOAKS AND SUITS—Harris Shop (was Geary Sample Shop), 534 Geary

CORSETS — Alicia James, 305 Grant Ave. to 406 Sutter.

DRAYAGE—Sonoma Express Co., 145 Embarcadero to 217 Drumm.

ELECTRICAL—Majestic Electric Appliance Co. (C. W. Helser), to Rialto Bldg.

ELEVATORS—D M. Barnwell, County Clerk, Fresno, to spend $3000 elevator work—April 8.

ENGINEERS—R. E. Collom and C. H. Beal (petroleum), United Bank Bldg., to 260 Bush.

FEED—W. H. Egan (137 Drumm), 1000 Sixth.

GROCERS—Kirwan & Co., 1398 to 1377 Haight.

HATS AND CAPS — Isadore Gorman (311 6th), cap factory 1011 Golden Gate Ave.

PHYSICIANS—Dr. L. H. Hoffman, 177 Post to Butler Bldg.
Dr. F. W. Carpenter, 821 Market to 440 Geary.

PHYSIOTHERAPY — Hazel Furscott 340 Stockton to 380 Post.

PUBLISHERS—American Weekly (E C. Williams, Rep), 582 Market.

REAL ESTATE—Owl Realty Co. (511 Castro), branch 2409 Irving.
T. J. Holland, 681 to 760 Market.
Coast Land Co., 625 Market to 200 Bush.

RESTAURANTS — Otto Hyberg, 689 Howard.

SHOES—Emery E. George (wholesale) 420 to 525 Market.

SHOW CARDS—Nelson School of Lettering, 77 O'Farrell to 153 Kearny.

STORES—New business, 1714 Clay.
New business SW Geary and Jones.

STUDIOS—M. C. Ansbro (pictures), 358 Post to 453 Powell.
Irvane Studio (dance), 800 Bush.

TAILOR—Meyer Dwerkin, 710 Mission to 54 7th.

TEXTILE—J. H. Kemp, Otto Jaeger, American Felt Co., Orineka Mills, 833 Market to 770 Mission.

TOOLS—Miller Saw Trimmer Co., 145 2nd to 613 Howard

ELECTRO—Electro-Magnetic Tool Co., 321 Market.

WIRE AND CABLE—City Purchasing Agent, Leonard S. Leavy, buying underground cable—March 24.

MISCELLANEOUS — National Credit Exchange, Commercial Bldg.
Sure-Hold Distributors, 112 Market.
Wm. H. Muller Co., Oceanic Bldg.
Activodent Co., Clunie Bldg. to 2050 Market.

LEASES—Mar 12, 24—California Pacific Company to Abe Cohen—NE cor Turk & Taylor sts No 118 Turk St 5 yrs $49,500.
Feb. 2, 1924—Sussman, Wormser & Co. to The Pacific Telephone & Telegraph Company—NW cor basement of Sussman, Wormser & Co's section of Southern Pacific Company's terminal warehouse on Berry st bet 3rd & 4th sts 15 x 5 3 yrs and option to renew.
Mar 1, 24—Louis and Leontine Taravellier to United Stores Realty Corporation—NE Fillmore & O'Farrell 44-5 on Fillmore x 107-6 on O'Farrell 50 yrs $389,480.

LEASES—Mar 1, 24—Robert Shenson to Manning's Inc — 747 Market St. Metropolitan Market 6 yrs 4 mos $18,000.
Feb 26, 24—Christian & Mary Petersen to ——— NW cor Kansas and 24th sts No 2300 24th St 3 yrs $900.
Mar 12, 24—N and Frieda Ahrens to Nicola Stamen fmly Nicola Stamenovich and Mina Stamen fmly Stamenovich—447 Bush st Hanst Hotel 5 yrs $21,000.
Mar 17, 24—Samuel Knight to R B King—N O'Farrell bet Mason and Taylor sts Alcazar Hotel No 330 O'Farrell st 12 yrs 1 mo $19,750.

ADVERTISING—Ford Parsons Co., (G. Frank McDermott), 58 Sutter.
National List & Letter Co., 311 Minna.

ART STORE—Rosley Co., 5417 Geary.

ATTORNEYS—A. D. Thomson, 1 Montgomery.
J. H. Black, 220 Montgomery.
F. L. Asch and W. S. Coghlan, Bank of Italy Bldg.

AUTOMOTIVE—Pacific Steam Motors Corp. (Stanley Steam Cars), 1476 Pine.

BAKERIES—Novelty Baking Co., 61 Clara.

BROKERS—Frank Fest (mdse.), 150 Davis.
H. G. Hamilton, 6 Mills Bldg.

CIGARS—Fred Scalor, 427 Eddy.

CLEANING AND DYEING—Jack, The Cleaner, 99 Turk.
Service Cleaning Works, 209 Sanchez.

CLOTHING—E. L. La Franke, P. O. Box 143, Westwood, Cal., to open men' clothing and ladies' apparel business catering to industrial workers at Susanville and Westwood, Cal.

CONTRACTORS—Helms & Helms, 7919 Geary.

CREAMERIES — Vogenson Construction Co, Petaluma, building creamery and cheese factory and buying equipment.

DENTISTS—Dr. H. A. Nagle, 275 Post.

DEPT. STORES—Weinstein Co., (1041 Market), building 13500 warehouse S Stevenson, 275 W 6th.
D. Schwartz of Monterey, to open department store in Los Banos, April 1.

ELECTRICAL—Suisun will vote on bond issue March 25, to install $11000 electroller system.

EMBROIDERY — Harry Bramson, 798 Mission

ENGINEERS—I. L. Pierce (mechanical), 74 New Montgomery.

FINANCE—General Securities Co., 333 Pine.

FRUIT—New store 40 Golden Gate Ave. Geo Costello, 2699 Howard.

FURNITNRE—Ellis and Market Furniture Mfg. Co., 9 Ellis to 1111 Market soon.
Fred Ackerman opening furniture store, Ripon, Calif.
J. M. Bird, Melones, Calif., to open furnitur store.

GROCERS—Coast Piggly Wiggly Co., (Gallagher & Gallagher), 149 California to Mills Bldg.
Haight Cash Grocery, 1434 Haight.
R. W. Durant, 6 East Lake Ave., Watsonville, opening new business.

IMPORTERS—C. J. Smith and Sikko Barghoorn, 507 Mission.

INSURANCE—C J. Johnson, 220 Montgomery.

LAMP SHADES AND CUSHIONS—Alex Winocour, 1151 Market.

LOCKERS—Major Jas. H. Laubach, Quartermaster Corps, Presidio of Monterey, wants to buy steel wall lockers.

MACHINERY—Geo. W. Smith, Etna Mills, Calif., in market for garage equipment and machinery.

MFRS. AGENTS — R. C. Robinson (shirts), 235 Montgomery.
Insto Products Co. agency 473 Bush.
H. L. Jackson (with Geo. Wise), 153 Kearny.
Hopkins & Daggett, 112 Market.

MARKETS—Wm. Batterton and B. O. Edmonds (meat), 3308 26th.

MORTICIANS — Andrew & Greilich opening undertaking business 1700 G St., Sacramento.

PIPE — Anderson-Cottonwood Irrigation District to lay quantity of concrete pipe. L. R. Williams, sec., Anderson, Calif., April 8.

RADIO — Disregard report on F. M. Baughton, Mar. 13.

REAL ESTATE—W. B McGerry & Co., 41 Montgomery to 39 Sutter soon.
Sala & Sala (3090 16th), branch 925 Irving.

RESTAURANT—Boos Bros., Cafeteria, 1095 Market to be remodeled $75,000. C. F. Plummer, 1108 Storey Bldg., Los Angeles, is architect.
Vincent Solidor, 941 Stockton.

SCHOOLS—Opportunity to sell equipment for 17 class rooms, gymnasium and cafeteria.

SHEET METAL WORK—P. L. Perini, 2555 San Bruno Ave.

SHIPPING — Tait & Sheridan and Crown Terminal Co., 149 California.

SODA WATER PLANTS—Albert Calora, 226 W 7th, Santa Rosa, to open soda water plant.

STATIONERS—Frankel Carbon & Ribbon Mfg. Co. (Mittag & Volger, Rep.), 539 Market.

TAILORS—Vasil Tamaras, 254 Mason.

TEXTILE—Clark Knitting Co., 68 Post.

TICKETS—Tablet & Ticket Co., 604 Mission to 407 Sansome.

TRACTORS—E. M. Hann, City Clerk, Berkeley, to buy tractor for garage dept., March 18.

WATERPROOFING—Minwax Co., (K. M. Hayden, Rep.), Postel Tel. Bldg.

MISCELANEOUS—Berge & Keller, Inc. Pacific Bldg.
Dr. Phil Levin, 11 Homewood.
American Vigilance Assn., Golden Gate Bldg.
W. J. Neilon, county clerk, Yreka, to buy metal counter case, April 7.
American District Steam Co. (L. E. Green, Agent), 25 Minna.
American Railway Assn., Chancery Bldg.
H. B. Smith, 1124 Harrison.
Rose Paper Co., 229 Clara.
Industrial Minerals Co. (with Madra Mines Co.), United Bank Bldg.
Frank Davis, 406 Sutter.

(Continued on Page 40)

Official Proposals

NOTICE TO BIDDERS

(City of Eureka—Rail Bonds)

Sealed proposals for bids are hereby invited by the council of the City of Eureka, California, for use by the Eureka Street Railway for Two thousand six hundred (2600) solid Terminal Rail Bonds. Concealed Type, Twin Conductors, Center Crimp Ten inch (10) spacing between seven eight (7-8) Terminals f. o. b. dock or cars Eureka, California. Rail Bonds to be American Rail Bond or as good as to quality. Delivery to be made within 60 days after award of contract. Bids will be received in an envelope marked Bids for Rail Bonds and are to be submitted to the Superintendent of Public Works of the City of Eureka at his office at number 524 D Street, Eureka, California, on or **before five o'clock P. M., Tuesday, April 1st, 1924.**

Bids will be opened by the City Council of the City of Eureka at 8 o'clock P. M., on Tuesday, April 1st, 1924.

The right is reserved to reject any or all bids.

JOHN GRIFFITH,
Superintendent of Public Works of the City of Eureka.
March 18, 1924.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building Sacramento, Cal., until 2 o'clock P. M., April 21, 1924,** at which time they will be publicly opened and read, for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Lassen County, between Janesville and four miles west of Milford (II-Las-29-C&D), about nine and seven-tenths (9.7) miles in length to be surfaced with crushed gravel or stone.

Sacramento County., 12 reinforced concrete bridges between Old Elk Grove and Sacramento (X-Sac-4-B), as follows:

Station 217/85: a bridge consisting of 2 spans at 18 feet with 24-foot roadway.

Station 295/56: a bridge consisting of 10 spans at 18 feet with 24-foot roadway.

Station 310/77: a bridge consisting of 3 spans at 12 feet with 24-foot roadway.

Station 402/02: a bridge consisting ot 3 spans at 18 feet with 24-foot roadway.

Station 449/56: a bridge consisting of 2 spans at 18 feet with 24-foot roadway.

Station 583/15: a bridge consisting of 2 spans at 18 feet with 30-foot roadway.

Station 519/84: a bridge consisting of 1 span at 20 feet with 24-foot roadway.

Station 522/93: a bridge consisting of 1 span at 20 feet with 24-foot roadway.

Station 487/10: a bridge consisting of 3 spans at 18 feet with 24-foot roadway.

Station 594/42: a bridge consisting of 3 spans at 18 feet with 30-foot roadway.

Station 614/10: an existing bridge of 17-foot span to be widened to 30-foot roadway.

Station 647/05: an existing bridge of 11-foot span to be widened to 30-foot roadway.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, qualities of work to be done, etc.

The California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated: March 24, 1924.

NOTICE TO CONTRACTORS

(Mineral Section, Red Bluff-Susanville Lateral)

Sealed proposals for surfacing the above-named National Forest Highway located partly within the Lassen National Forest, County of Tehama, State of California, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture at 400 Bay Building, No. 9 Main Street, San Francisco, California, until 9 o'clock A. M. on the 16th day of April 1924, at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids and none will be considered except those from contractors ascertained to be experienced and responsible.

The project to be surfaced is located about 32 miles east of Red Bluff, California. The length of the project is approximately 12 miles.

The principal item of work is as follows:

17,800 Cu. Yds. Crushed Rock Surfacing.

Construction shall be started within fifteen days after notice to start has been given the contractor by the District Engineer and shall be completed within 110 weather working days after said notice to start construction has been given.

The contract form, maps, plans and specifications may be examined by responsible contractors at the following addresses.

400 Bay Building, 9 Main St., San Francisco, California.

J. T. Schuyler, Mineral, California.

The Bureau has available for loan to contractors on a rental basis equipment at Government Island, Oakland, California, as listed in the specifications. Bidder will state in his bid the government equipment that he will use during construction and minimum time required. The estimated rentals will be taken into consideration and award will be made on the bid to the best advantage of the Government. Government explosives are also available according to the terms of the specifications.

Plans and specifications will be furnished contractors who contemplate bidding, upon deposit of a check for $5.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications above referred to.

C. H. SWEETSER
District Engineer.
March 24, 1924.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned **until 2:00 P. M., April 9, 1924,** for constructing a timber trestle over the Virgin River near Bunkerville, Clark County, as a portion of the State Highway System.

Plans may be examined, and form of proposal, contract and specification secured at the office of the undersigned; may also be examined at the County Clerk's office in Las Vegas, the Division Engineer's office in Elko, Las Vegas or Reno, and District Office of Bureau of Public Roads, Bay Building, San Francisco, California. Cash deposit of Fifteen Dollars ($15.00) with the undersigned required for copy of plans, which will be refunded on their return in good condition, provided, that they are returned within thirty (30) days after the opening of bids. Bids must be on proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5 per cent of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said specifications, conditioned for the faithful performance of the provisions of the Contract and Specification.

Right is reserved to reject any or all bids.

GEO W. BORDEN,
State Highway Engineer,
Carson City, Nevada.

(Continued on Page 25)

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rates 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

Engineering News Section

BRIDGES

SANTA ROSA, Sonoma Co., Cal. — Until April 1, 5 p. m., bids will be rec. by Vida McL Doggett, city clerk, to const. south abutment for "A" street bridge. Cert. check 10% payable to Mayor of Santa Rosa req. Plans obtainable from Geo. Comstock, city eng.

BAKERSFIELD, Kern Co., Cal.—Kern county supervisors adopt resolution authorizing State Highway Commission to prepare plans and spec. for concrete brick on State Highway at Cottonwood Creek; est. cost, $45,000.

HUMBOLDT CO., Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until April 7, 2 p. m., to const. bridge over Van Duzen river, near Alton, Humboldt county, consisting of three 163-ft. rein. conc. arch spans and eight 30-ft. rein. conc. girder spans. Project involv. 1740 cu. yds. class A, and 1235 cu. yds. class C Portland cement concrete in bridge, 2200 cu. yds. excavation for bridge structure, 3500 hundredweight rein. steel, 650 lin. ft. rein. conc. piles. R. M. Morton, state highway engineer.

NEVADA STATE—Until April 9, 2 p. m., bids will be rec. by State Highway Commission to const. timber trestle over Virgin river near Bunkerville, Clark County. Geo. W. Borden, state Clark County. Project involv. 7740 lin. ft. treated timber piles; 190.6 M ft. B. M. timber; 1865 sq. yds. asph. wearing surface for new timber floor; 1,628.2 sq. yds. asph. wearing surface for old timber bridge floor; 9 water barrels. Geo. W. Borden, State highway eng. **See call for bids under official proposal section in this issue.**

SACRAMENTO COUNTY, Calif. — Until April 21, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. 12 rein. conc. bridges in Sacramento county bet. Old Elk Grove and Sacramento, as follows:

Station 217-85 2 spans at 18-ft. with 24-ft. roadway.
Station 295-56 10 spans at 18-ft. with 24-ft. roadway.
Station 310-77 3 spans at 12-ft. with 24-ft. roadway.
Station 402-02 3 spans at 18-ft. with 24-ft. roadway.
Station 449-56 2 spans at 18-ft. with 24-ft. roadway.
Station 583-15 2 spans at 18-ft. with 30-ft. roadway.
Station 519-84 1 span at 20-ft. with 24-ft. roadway.
Station 522-93 1 span at 20-ft. with 24-ft. roadway.
Station 487-10 3 spans at 18-ft. with 24-ft. roadway.
Station 594-42 3 spans at 18-ft. with 30-ft. roadway.
Station 614-10 existing bridge 17-ft. span to be widened to 30-ft. roadway.
Station 647-05 existing bridge 11-ft. span to be widened to 30-ft. roadway.
See call for bids under official proposal section in this issue.

Bids are requested by the District Engineer, U. S. Bureau of Public Roads, 29 Main Street, San Francisco, California, for furnishing corrugated metal culvert pipe and couplers for the Murphys Big Trees Project. Bidders may obtain specifications and blank forms for bids from the District Engineer. The approximate quantities are as follows: 2312 Lin. Ft. 18" corrugated metal pipe; 456 Lin. Ft. 24" corrugated metal pipe; 66 Lin. Ft. 30" corrugated metal pipe; 54 couplers for 18" pipe; 14 couplers for 24" pipe; 3 couplers for 30" pipe.

Bids will be publicly opened and read at **9 A. M., Wednesday, April 2, 1924.**

ARROYO GRANDE, San Luis Obispo Co., Cal.—Wm. Lane, Paso Robles, submitted low bid to city trustees to construct 110-ft. span rein. conc. arch bridge. Other bids were:

Rocca & Calletti, San Rafael	$23,195
Reiner & Son, Santa Maria	23,394
McKay Eng. Co., Los Angeles	24,675
Theo. M. Maino, San Luis Obispo	24,694
W. M. Ledbetter, L. A.	26,820

Bids rejected. Burch and Beck, consulting engineers, Commercial Bank Bldg., San Luis Obispo, ordered to revise plans. New bids will be asked at April 2 meeting. B. F. Stewart is city clerk.

CALIFORNIA—State Highway Eng. R. M. Morton authorized to complete spec. to const. necessary bridges over the Truckee river on the state highway between Truckee and the Nevada State Line, probably five in all, several of the structures to cost approx. $50,000 each. Nevada county will bear a portion of the cost.

SAN DIEGO, Cal.—County will erect bridge over San Luis Rey river, near Bonsall, on inland route, some time this summer; will be 600 ft. long with foundations sunk to probably 65 ft., and cost $100,000. Paul R. Watson has been commissioned to prepare plans for the structure.

DREDGING, HARBOR WORKS AND EXCAVATIONS

KLAMATH FALLS, Ore.—See "Government Works and Supplies," this issue. Bids opened for canal excavation.

TALENT, Ore.—Until April 3, 2 P. M., bids will be rec. by O. Arnspiger, Sec'y. Talent Irrigation Dist., to const. Ashland lateral and extension of Talent and East laterals with all appurtenant structures and the Emmigrant Creek Dam, involv. approx. 60,000 cu. yds. canal excavation and 15,000 cu. yds. conc. in dam. Plans obtainable from Sec'y. on deposit of $10, returnable.

MONTECITO, Cal.—Application has been made to U. S. Engineer's office by Roberts S. Hyde of Santa Barbara, Calif., for permission to const. in Pacific Ocean a groin 650 ft. long, located west of Eucalyptus Lane, Montecito.

SAN JOSE, Santa Clara Co., Cal.—College Park District defeates bond issue for $22,500 to finance purchase of fire fighting apparatus. Vote was 342 against and 252 in favor of issue.

Carbide Flare Lights
OxyAcetyleneEquipment
Goggles—Respirators
First Aid Supplies
Carried in stock
E. D. BULLARD
565 HOWARD STREET
San Francisco, Calif.
Douglas 6320

IRRIGATION PROJECTS

DIXON, Solano Co., Cal.—Petitions will be presented at April session of county supervisors seeking formation of reclamation district comprising 13,600 acres in Solano and 2200 acres in Yolo county. Proposed district lies largely west of Sacramento-San Francisco R. R. and comes within 5 miles of Dixon. It was originally proposed to create a larger district, embracing 30,000 to 50,000 acres and extending 2 mi. west of Dixon. Signers of petition include: Emory Winship, Mary Ives Cracker, Cutler Paige, J. F. Thmsen, W. L. Meise, A. Starr Keeler, W. H. Chapman, O. D. Baldwin, Carl Weitz, F. F. Porter, V. D. Atkins, S. E. Biddle, Mary E. Bell, Felix T. Swan.

SACRAMENTO, Cal. — Supervisors authorize formation of reclamation district on Brannan Island comprising 7,271.16 acres. Frank Reynolds is engineer for district.

LIGHTING SYSTEMS

BURLINGAME, San Mateo Co., Cal.—Until April 7, 5 p. m., bids will be rec. by J. R. Murphy, city clerk, to erect electrolier systerm in portions of Broadway, Chula Vista Ave. and San Mateo Dr. Iron standards. Cert. check 10% payable to city req. C. A. Torello, city engineer.

LOS ANGELES, Cal.—Until 10 A. M., Apr. 7, bids will be rec. by Bd. Pub. Wks. to const. lighting system in Pasadena Ave., bet. Aves. 61 and 54; 1911 act.

SAN FRANCISCO—Bureau of Architecture, 2nd floor, City Hall, instructed to prepare plans and specifications for lighting standards to be installed in Civic Center.

MACHINERY & EQUIPMENT

YUBA CITY, Sutter Co., Cal.—Until April 7, 7 p. m., bids will be rec. by V. W. Cooley, clerk, Yuba City High School District, to fur. one re-conditioned track layer tractor of about 12-20 h.p. either a Cletrac or equal. Further information obtainable from clerk.

OLYMPIA, Wash.—Until April 5, 10 a. m., bids will be rec. by State Department of Business Control, Division of Purchasing, Insurance Bldg., to fur. 23 one-man patrol graders for use of State Highway Dept.

RAILROADS

CALIFORNIA—To finance the cost of new equipment the Western Pacific Railroad Company has applied to Railroad Commission for authority to issue $3,105,000 of equipment trust certificates. The equipment to be purchased consists of the following: 5 heavy Mikado locomotives; 5 mallet locomotives; 775 steel underframe refrigerator cars; 100 logging cars; 200 steel underframe automobile cars; 1 Jordan spreader, equipped with composite ditching and spreading wings.

EUREKA, Humboldt Co., Cal.—Until April 1, 5 p. m., bids will be rec. by John Griffith, city supt. of public works, to fur. f. o. b. dock or cars Eureka, fifteen tons of 9/16-in. by 5-in. track spikes. Delivery to be made 60 days after award of contract. **See call for bids under official proposal section in this issue.**

BAKERSFIELD, Kern Co., Cal. — C. E. Crowley, Pacific Electric Bldg., Los Angeles, awarded cont. by Southern Pacific Co., to grade 3 sites for additional sidetracks to be constructed by the railroad company. Each track will have a capacity of 85 cars. The bid is $.37 cu. yd.

EUREKA, Humboldt Co., Cal.—Until April 1, 5 p. m., bids will be rec. by John Griffith, city supt. of public works, to fur. 2600 solid terminal rail bonds; concealed type, twin conductors center crimp 10-in. spacing between 7-8 terminals, f. o. b. dock or cars, Eureka. **See coll for bids under official proposal section in this issue.**

FIRE ALARM SYSTEMS

SAN ANSELMO, Marin Co., Cal.—April 14 is date set by Town Trustees to vote bonds of $29,000 of which $25,000 will finance purchase of 750-gal. auto fire truck and $4,000 to install 17 fire alarm boxes. Arthur Studley, town clerk.

FIRE EQUIPMENT

SAN ANSELMO, Marin Co., Cal.—April 14 is date set by Town Trustees to vote bonds of $29,000 of which $25,000 will finance purchase of 750-gal. auto fire truck and $4,000 to install 17 fire alarm boxes. Arthur Studley, town clerk.

PETALUMA, Sonoma Co., Cal. — Council sets May 20 as date to vote bonds of $13,000 for pumping engine; $3000 for hydrants; $1500 for hose; $3000 for truck chassis; $1500 for auxiliary hose wagon and $500 for drying rack.

MISCELLANEOUS SUPPLIES

LOS ANGELES, Cal.—Until 3 p. m., April 1, bids will be rec. by public service comm., 207 S Bdwy., for hard drawn copper bar and tubing. Spec. P-325-402. Jas. P. Vroman, secy.

RESERVOIRS AND DAMS

TALENT, Ore.—See "Dredging, Harbor Works and Excavations," this issue. Bids wanted for dam construction.

PHOENIX, Ariz.—J. C. Steele & Co. awarded contr. at $20,985 to const. floor and sidewalls of 5,000,000-gal. reinforced conc. reservoir for the city. C. L. Maddox awarded cont. at $7991 to const. frame and roof.

ONTARIO, Cal. — City council plans bond election to vote $60,000 to const. 10,000,000-gal. reservoir.

PIPE LINES, WELLS, ETC.

COSTA MESA, Cal.—Conger-Daley Engineering Co., Costa Mesa, has cont. to lay about 3-mi. corru. redwood 14-in. water pipe, connecting the pump house in the Santa Ana river basin with the Newport Hts. section.

SEWAGE DISPOSAL PLANTS

PISMO BEACH, Cal. — The $33,000 sewage disposal bond issue carried at the recent election; will consist of settling tank, 1200-ft. ocean outfall of c. i. pipe, 12-in. dia. Plans are being prepared by Black & Veatch, 200 Fay Bldg. (Alva J. Smith, local representative), and bids will be called for in about 6 weeks.

GLENDORA, Cal.—Until 8 p. m., Apr. 1, bids will be rec. by city trustees for purchase of following described second hand property: 1 Dow pump head; about 100 ft. 10-in. Q. D. casing; about 350 ft. 12-in. O. D. casing; about 350 ft. 16-in. double well casing; about 350 ft. double plunger rods; one 11-in. cylinder; one 75-h.p. Westinghouse motor, 4-40 volt. Cert. check 10%.

TULARE, Tulare Co., Cal.—Rotary Lions and Realtors Clubs of Tulare have requested H. E. Elrod Engineering Co., Santa Monica, to send representative to address the clubs at a joint meeting on the Elrod type of sewage plant. The city of Tulare will shortly vote bonds to finance construction of a plant, the type of which is yet to be determined.

WHITTIER, Cal.—City trustees set April 29 as date to vote $50,000 for sewage disposal plant election.

MISCELLANEOUS CONSTRUCTION

PORTLAND, Ore.—Until April 10, 10 a. m., bids will be rec. by Commission of Public Docks, G. B. Hegardt, chief engineer, ft. of Stark St., to furnish, fabricate, deliver and erect two 2500-bbls capacity steel tanks for oil storage at Municipal Terminal No. 4. Cert. check 10% payable to city req.

SAN FRANCISCO — Supervisors Angelo Rossi will present resolution to supervisors seeking construction of subway from intersection of Market St. and Van Ness Avenue in connection with proposed extension of the latter thoroughfare to 13th and Howard sts.

SAN FRANCISCO—Pacific Gas and Electric Co., 445 Sutter St., authorizes $55,360 expenditure for additions to Potrero gas plant and electric steam generation station "A". Work includes installation of 4 concrete lamp black separators.

WATER WORKS

SOUTH PASADENA, Cal. — Until 5 p. m., April 14, bids will be rec. by city clerk to const. 7,000,000-gal. conc. lined reservoir on Garfield Ave. of 4-in. conc. lining throughout. Alternative bids will be taken using 6-in. conc floor and 4-in. sidewalls. Cert. check or bond 10%. R. B. Orbison, city mgr.

SAN FRANCISCO — Marston Campbell president of the East Bay Municipal District with headquarters in Oakland, at a meeting of the Commuters' Club in San Francisco, advocated a new plan to Bring Hetch Hetchy water into the East Bay cities, saving many millions of dollars and eliminating approx. 30 mi. of tunnels. The new plan contemplates bringing the water from Midway to the floor of the Livermore valley through the Altamont hills by an 8-mi. tunnel; by aqueduct to San Ramon and from there to Upper San Leandro by a tunnel five miles long, making a total of fourteen miles of tunnel.

SANTA MONICA, Cal—Claude Fisher Wright & Callender Bldg., Los Angeles awarded cont. by council to const. new waterworks system. The type of pipe has not yet been determined, but action will probably be taken at once. H. E. Elrod Engineering Co., consulting engrs. The totals of bids submitted were:

Claude Fisher, Los Angeles — Riv. steel pipe, $86,388; cast iron pipe, $662,495.48; with De Lavaud pipe $647,105.48 wood stave pipe, $78,124.22.

Schultz Constr. Co., San Francisco—Riv. steel pipe, $88,122; cast iron pipe, $725,190.60; with De Lavaud pipe, $717,994.70; wood stave pipe, $80,584.

J. E. Little, Whittier — Riv. steel pipe, $100,220; cast iron pipe, $855,573.40; with De Lavaud pipe $840,269.70 with foreign pipe, European std., $769,582.60; with foreign pipe, A. W. W. A. std., $833,451.30.

Sidney Smith—Riv. steel pipe, $111,894; cast iron pipe, $962,495.10; with De Lavaud pipe, $946,208.50; foreign pipe, European std., $878,564.30; foreign pipe A. W. W. A. std., $937,638.50.

Thomas Haverty Co., Los Angeles—Riv. steel pipe, $119,204; cast iron pipe $1,044,497.35; with De Lavaud pipe, $1,025,193.45; foreign pipe, European std. $944,473.35; foreign pipe, A. W. W. A. std., $1,007,707.55.

Geo. R. Cooke Co., Detroit—Rib. steel pipe, $95,270; cast iron pipe, $758,575; with De Lavaud pipe, 758,575.

LOS ANGELES, Cal.—Until 3 p. m., March 25, bids will be rec. by public service comm., 207 S Broadway, for (1) bronze bushings, and (2) bronze tail pieces. Spec. P. A. Adv. No. W-220. Jas. P. Vroman, secretary.

ONTARIO, Cal.—Lacy Mfg. Co., Los Angeles, was awarded contr. by council at $16,329.40 to fur. 11,000 ft. 12-in. to 16-in. water pipe.

Barber Greene Model 42 Loader

Prominent Users Are

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EUREKA, Humboldt Co., Cal.—Until April 1, 5 p. m., bids will be rec. by John Griffith, city supt. of public works, to fur. f. o .b. dock, Eureka, 1500 lin. ft. 8-in. class B c. i. pipe for use of water dept. Delivery to be made 60 days after award of contract. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—Until 3 p. m., March 28, bids will be received by public service comm., 207 S Bdwy,

For bronze bushings. P. A. Adv. No. W-222.

For 500 No. 2 c. i. meter covers. Spec P. A. Adv. No. W-224.

For 2-in. c. i. pipe in 5-ft. lengths for 150-lb. working pressure. Spec. P. A. Adv. W-223.

For 1000 2-in. c.i. screw tees. P. A. Adv. No. W-225.

For standard weight welded steel pipe. P. A. Adv. 219. Jas. P. Vroman, secretary.

KELSO, Wash.—Barr and Cunningham, consulting engineers, Spalding Bldg., Portland, in report to city council on water system recommends $250,000 bond issue to take up $40,000 in outstanding water utility bonds, $8000 in warrant indebtedness and to provide a filtration system to cost $28,350; const. a 2,000,000-gal. reservoir $41,605; install distributing and other mains. The issue would provide $20,000 for future extensions. The complete extensions outlined in the report are estimated to cost $373,140 if cast iron pipe is used; $309,691 if steel pipe is used, and $250,151 if wood pipe is used.

SAN BERNARDINO, Cal.—An order issued by the Railroad Commission recently declares that public convenience and necessity require the exercise by Fortuna Domestic Water Co. of the rights and privileges granted it by the Board of Supervisors of San Bernardino County. The order also provides authority for extension of the company's distributing system and for the issuance by the company of $250,000 of its common capital stock. The property in question is to be acquired from the Fontana Farms Co. Of the stock issue $145,000 is to be used as payment for the distributing system and the stock of the Union Water Co., with the understanding that this amount is not to be used as a measure of value for fixing rates.

SOUTH PASADENA, Cal. — Stephen Smith & Co. have contract to fur. pipe for main pipe line bet. the new 7,000,000-gal. reservoir on Raymond Hill and the city's water well on the Wilson ranch, San Gabriel, requiring approx. 3½-mi. 16-in. pipe. Sidney Smith, 2025 Bay St., Los Angeles, is supplying labor. The total of the work amounts to $55,692.15. This is being done under the $200,000 bond issue of July, 1923. An additional $85,000 issue will be asked at special election April 14.

NAPA, Napa Co., Cal.—Theoris and Contonles, San Francisco, at $1.15 cu. yd. awarded cont. by city council to excavate a trench along the sidehill in Milliken Canyon on which it is proposed to lay a portion of Milliken Canyon pipe line; will be approx. 6700 ft. in length. construction involv. approx. 7500 cu. yds. rock and earth excavation. Other bids: R. J. Blanco, Vallejo, $1.60 cu. yd; Basalt Rock Co., Napa, $1.84 cu. yd; Frank Bryant, San Francisco, $1.23 cu. yd.

NEWPORT BEACH, Cal.—City engr. instructed to prepare plans and spec. for adequate water system which will take care of the fire department facilities. The water capacity is to be increased from 3,270,000 gals. per day to 5,000,000.

SAN FRANCISCO — Supervisors sell $5,281,000 block of Hetch Hetchy 4½% water bonds at $5,199,210. Proceeds of sale will finance continuance of work on Hetch Hetchy water project.

BEVERLY HILLS, Cal.—Until April 5, bids will be rec. by Salisbury, Bradshaw & Taylor, engrs., 518 Mortgage Guarantee Bldg., Los Angeles to lay 1800 ft. 6-in. and 250 ft. 2-in. class B cast iron pipe and installation of 6 fire hydrants.

WHITTIER, Cal.—Election will be held April 29 to vote $100,000 bond issue to extend water system.

ONTARIO, Cal.—See "Reservoirs and Dams," this issue.

PLAYGROUNDS AND PARKS

SAN RAFAEL, Marin Co., Cal.—Jules Levy, San Rafael, has purchased Koenig property at H and Fourth streets, 680 ft. frontage by 300 ft. in depth and plans to construct a bungalow court. Will lay out concrete walks. Considerable landscape work will be involved.

PIEDMONT, Alameda Co., Cal.—April 1 is date set to vote bonds of $30,000 to beautify and enlarge city parks and $25,000 to finance construction of civic center at intersection of Highland, Magnolia and Mountain Aves. Lands have been purchased for the latter improvements.

OAKLAND, Cal.—City plans to provide new municipal golf course and recreation center in East Oakland. Land experts are making surveys of Stone properties on San Leandro as suitable site for the purpose.

SEWERS & STREET WORK

SAN RAFAEL, Marin Co., Cal.—Until April 8, 11 a. m., bids will be rec. by Rob. E. Graham, county clerk, to imp. Sections 4, 5 and 6 of Manzanita and Belinas County road, from Summit of Dias Ranch to Steep Ravine Bridge in Rd. Dist No. 3. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans on file in office of clerk.

REDWOOD CITY, San Mateo Co., Cal —Until April 7, 8 p. m., bids will be rec. by W. A. Price, city clerk, to const. 6-in. vit. sewers and 4-in. vit. lateral sewers and brick manholes in portions of Spring, Hilton, Buckeye Sts. 1911 Act. Cert. check 10% payable to city req. Plans on file in office of clerk.

CALIFORNIA—R. M. Morton, state highway engineer, in report to State Highway Commission, estimates minimum cost of building a state highway up the North Fork of the Feather river to connect Oroville, Butte County, with Quincy, Plumas county, between $5,000,000 and $6,000,000.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy recommends development of Capp St., as a main traffic artery. Widening the street for a boulevard would cost approx. $6,000,000

RICHMOND, Contra Costa Co., Cal.—Council, A. C. Faris, clerk, declares inten. to imp. Orchard ave., from San Pablo Ave. to its s.w. termination, involving grading and paving with 8-in. Richmond Stand. macadam; cem. conc. curbs, gutters and walks. 1911 Act. Protests April 7. H. B. Chapman, city engineer.

SACRAMENTO, Cal.—Council, H. G. Denton, clerk, orders reconstruction of brick sewer in 7th St., from alley bet. H and I Sts., and alley bet. K and L sts; est. cost $6000. Albert Givan, city engineer.

LOS ANGELES COUNTY, Cal. — As previously reported, bids will be rec. by State Highway Commission, 1111 Pacific Finance Bldg., Los Angeles, April 7, 11 a. m., to pave with Port. cem. conc. 2.8-mi. in Los Angeles County, bet. Pasadena Ave. and Montebello. Project involv. 18,120 cu. yds roadway excavation without classification; 2680 cu. yds. old macadam removed; 46,680 cu. yds. placing old macadam and disintegrated granite subbase; 10,450 lin. ft. class A cem. conc. curb; 84,620 sq. ft. A cem. conc. gutter; 37,280 sq. yds. B cem. conc. base; 37,280 sq. yds. asph. conc. surface; 8 each A cem. conc. culvert, Type A (Plan No. 4); 3 each A cem. conc. culverts, Type B (Plan No. 4); 1 each A cem. conc. culv. Type C (Plan No. 4); 1 each A cem. conc. culv. at west side of Rieker Ave. (Plan No. 4); 1 each A cem. conc. culv. across curb return at Victoria Ave; 1 each A cem. conc. culv. at Victoria Ave. (Plan No. 4); 1 each cem. conc. culv. extension at Sta. 53 plus 70 (Plan No. 4); 1 each A cem. conc. culv. extension at Sta. 87 plus 09 (Plan No. 4). R. M. Morton, state highway engineer.

POMONA, Cal.—The $400,000 street imp. bond issue will be voted on at special election to be held April 14.

VENICE, Cal.—Sander Pearson, 3847 S Bdwy., Los Angeles, awarded contr. by city trustees at $35,600 to pave Indiana Ave., Vernon Ave. and other sts., involv. 4-in. and 5-in. cem. conc. paving; curbs, walks and san sewer. Other bids were: Southern Constr. Co., $36,769.62; W. F. Crawford, $36,869.73.

POMONA, Cal.—Council sets April 14 as date to bond for $25,000 sewer system. F. C. Froehde, city engineer.

OAKLAND, Cal.—Until April 3, 12 M, bids will be rec. by E. K. Sturgis, city clerk, to imp. Galindo Sts., etc., involv. grade and pave; const. curbs, gutters and walks. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city engineer.

VENICE, Cal.—No bids were rec. by city trustees to imp. 35th Pl., 36th Ave., 36th Pl., 37th Ave. and other streets; work will be readvertised.

SONORA, Tuolumne Co., Cal.—County Surveyor Robt. Thom making surveys to imp. county roads leading from Tuolumne and Columbia to Sonora; 2 miles of former and one mile of latter road. Pavement will be of asph. macadam or oil macadam.

ALHAMBRA, Cal.—A. O. Nelson, Alhambra, awarded cont. by city trustees to imp. Mission Rd. and Hellman St., a total of 1 mi., involv. grading 46c lin. ft.; curb 47c ft.; gutter, 23c sq. ft.; walk 16c sq. ft.

OAKLAND, Cal.—Until April 3, 12 M, bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of Trumbull Ave., involv. grade and pave; const. curbs and gutters. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city engineer.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—City trustees order surveys made for road approx. ¼-mi. in length 60-ft. wide, connecting Los Cerritos tract with Orange Ave. Geo. A. Kneese, city engineer.

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BURBANK, Cal.—Bids rec. by city trustees to imp. Lincoln St., approx. 6000 ft., involv. grade and pave with 1½-in. National wearing surface on 3½-in. asph. conc. base; const. 6-in. water pipe with connections, etc., were:

Geo. R. Curtis—$1.15 cu. yd. grading; 25c paving; $1.70 ft. water pipe.

Gibbons & Reed Co.—85c grading; 26c paving; $1.80 water pipe.

Thompson & Heuser—76c grading; 25.5c paving; $2.05 water pipe.

BERKELEY, Alameda Co., Cal. — Council, E. M. Haun, clerk, declares inten. to imp. Ada St., bet. Sacramento and McGee Ave., involv. grade and pave with conc; const. conc. curbs and gutters, 10-ft. on each side of street to be regraded and remacadamized to conform with new pavement; const. 14 lateral sewers from existing 6-in. sewer, 1911 Act & Bond Act 1915. Protests April 8.

SEATTLE, Wash.—Bd. of Pub. Wks. completes spec. for Oregon St. trunk sewer project; est. cost $364,850; will be 72-in., brick construction.

TEHAMA COUNTY, Calif. — Until April 16, 9 a. m., bids will be rec. by C. H. Sweetser, Dist. Eng., U. S. Bureau of Public Roads, 9 Main St., San Francisco, to surface with crushed rock, Mineral Section of Red Bluff-Susanville Natl. Forest Highway, approx. 32-mi. east of Red Bluff. Project is approx. 12-mi. in length and involves 17,800 cu. yds. crushed rock surfacing. **See call for bids under official proposal section in this issue.**

GLENDALE, Cal.—Until 10:30 a. m., April 3, bids will be rec. by council to const. san. sewer in Canada Blvd. involving 1700 ft. 8-in. vit. pipe, incl. Y branches; 96 ft. 8-in. c. i. pipe; 2 brick manholes; 4 brick junction chambers; 51 6-in. vit. pipe hse. connections. A. J. Van Wie, city clerk. Cert. check 10%. Work under bond issue of Municipal Imp. Dist. No. 3.

SAN JOSE, Santa Clara Co., Cal.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, will construct sewer from gas plant to connect with city outfall sewer beyond Taylor St.; est. cost, $20,000.

COLUSA, Colusa Co., Cal.—Plans and specifications are on file in the office of Building and Engineering News, 818 Mission Street, San Francisco, for the Maxwell-Sites county highway project in Colusa county, bids for which will be considered by the Colusa County Supervisors April 8. Plans are open for inspection for those interested.

STOCKTON, San Joaquin Co., Cal.—Until April 8, 11 A. M., bids will be rec. by Eugene D. Graham, County Clerk, to imp. east extension of John Salmon rd. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from County Surveyor F. E. Quail on deposit of $10, returnable.

SANTA BARBARA, Cal.—Sam Hunter (contractor), 122 W. Valerio St., Santa Barbara, desires bids for 46,000 cu. yds. excavation on state highway in Ventura county. W. J. Shrader is Supt.

SALINAS, Monterey Co., Cal.—Property owners petition city council to pave with 5-in. conc. Palmetto Ave., bet. Market St. and r.r. yards. Referred to City Eng. Howard Cozzens.

SAN FRANCISCO — Following contracts awarded by Board of Public Works:

E. J. Treacy, Call Bldg., $2435.90 to imp. Carson St., bet. Douglas and its west termination, involv. 227 cu. yds. cut; 34 cu. yds. fill; 413 lin. ft. conc. curb; 1860 sq. ft. art. stone walks; 1095 sq. ft. conc. pavement; 3431 sq. ft. asph. conc. pavement.

E. C. Moran, 241 19th Ave., $1140 to imp. Brunswick St., bet. Curtis and Pope Sts., involv. 30 lin. ft. 12-in. ironstone pipe sewer; 442 lin. ft. 8-in. ironstone pipe sewer; 19 8-in. wye branches; 3 br. manholes.

Fay Imp. Co., Phelan Bldg., at $9,984.40, to imp. 17th Ave., bet. Judah and Kirkham Sts., involv. 500 cu. yds. cut; 44 8-in. wye branches; 3 br. manholes; 1206 lin. ft. conc. curb; 12,900 sq. ft. asph. conc. pavement; 12,000 sq. ft. conc. pavement.

C. E. Eaton, 715 Tara St. at $1252 to imp. crossing of Bocana and Eugenia Aves., involv. 70 lin. ft. conc. curb; 500 sq. ft. art. stone walks; 2 br. catchbasins, 50 lin. ft. 10-in. ironstone pipe culvert; 1215 sq. ft. asph. conc. pavement.

Fay Imp. Co, Phelan Bldg. at $3717.40 to imp. Alabama St., from 16th St. and pt. 190 ft. northerly, involv. 760 cu. yds cut; 316 lin. ft. conc. curb; 24 lin. ft. redress and reset granite curb; 8600 sq. ft. asph. conc. pavement.

Pacific States Const. Co., Call Bldg., at $5127.37 to imp. Moraga St., bet. 18th and 19th Aves., involv 480 lin. ft. conc. curb; 3360 sq. ft. vertical fiber brick pavement; 8640 sq. ft. asph. conc. pavement.

Jas. T. Tobin, 2445 Post St., at $5550 to imp. Palou Ave., bet. Jennings and Hawes Sts., involv. (a) 7500 cu. yds. cut; (b) 3675 cu. yds. fill.

E. L. Phelps at $243.38 to const. 1650 sq. ft. art stone walks in 22nd Ave. bet. Taraval and Ulloa.

SAN DIEGO, Cal.—City council declares inten. to imp. Cleveland Ave. and Vermont St., involv. 116,329.9 sq. ft. paving with 1½-in. asph. concr. wearing surface on 4-in. cem. concr. base; 198,441.2 sq. ft. paving with 1½-in. asph. concr. wearing surface on 2½-in. bitum. base; 147.5 lin. ft. cem. concr. curb; 414.9 sq. ft. cem. concr. sidewalk; 5 4-in. cem. concr. sewer laterals; 5 6-in. cem. concr. sewer laterals. F. A. Rhodes, city engineer.

PALO ALTO, Santa Clara Co., Cal.—Palo Alto Land Co. petitions city council to pave streets in Crescent Park, including University Ave. from west boundary of park to creek; Ashby Ave. bet. University and Hamilton Aves.; Crescent Drive; West St., bet. University and Hamilton Aves.; University Ave. from Waverly St. eastward to Crescent Park. Referred to City Eng. J. F. Byrne Jr. for report.

BEVERLY HILLS, Cal.—Until April 5, bids will be rec. by Salisbury, Bradshaw & Taylor, engrs., 518 Mortgage Guarantee Bldg., Los Angeles, to const. 1900 ft. 6-in. and 2100 ft. 8-in. sewer laterals and 10 manholes in Hogue-Reynolds Tr.

NAPA, Napa Co., Cal.—Basalt Rock Co., Napa, at $15,201.37 awarded cont. by council to imp. 1st St., bet. Monroe and Jefferson Sts., involv. grade and pave with 5-in. conc. conc., 40-ft. wide; const. conc. catchbasins; vit. ironstone sewer and 15 side sewers of vitrified pipe. Other bids were: R. E. Errington, $15,645.51; Louis Tagnon, $19,999.42; John P. Lawlor, $16,891.76; L. L. Page, $18,239.35.

LOS ANGELES, Cal.—Until 10 a. m., April 7, bids will be rec. by Bd. Pub. Wks. to imp. under 1911 Act.

St. Andrews Pl. bet. Sunset and Santa Monica Blvds., involv 2808 cu. yds. excav; 99,249 sq. ft. Warrenite-bitul. paving; 3360 sq. ft. bitum. base paving; 180 sq. ft. 2-in. bitum. base; 2330 ft. curb; 6075 sq. ft. walk; 5788 sq. ft. gutter; san. sewer.

Alley s.w. of 4th St., bet. Chicago and St. Louis Sts., involv. 340 cu. yds. cut; 24,498 sq. ft. 4-in. bitum. base paving; 180 sq. ft. 2-in. bitum.; 69 ft. curb; 5 sq. f. walk; 3087 sq. ft. gutter; 12-in. storm drain (217½ ft. long).

El Nido St., bet. Sherman Way and Saugus Ave., involv. 3480 cu. yds. cut; 104,156 sq. ft. asph. conc. (Topeka); 31 ft. curb.

Van Ness Ave., bet. Rodeo Rd. and 39th St., involv. 1270 cu. yds. cut; 37,474 sq. ft. Warrenite-bitul. paving; 1470 sq. ft. 2-in. bitum. base; 6827 sq. ft. oil and roll; 636 ft. curb; 3287 sq. ft. walk; 4276 sq. ft. gutter; san. sewer.

Valverde St., bet. 7th and Atlantic Sts., involv. 804 cu. yds. cut; 1120 cu. yds. fill; 15,471 sq. ft. oil and roll; 768 ft. curb; 675 sq. ft. walk; 1576 sq. ft. gutter; storm drain (73 ft. 12-in. pipe).

EUREKA, Humboldt Co., Cal.—County Surv. A. J. Logan preparing spec. to construct section of road along Carlotta-Bridgeville route to eliminate Blackburn grade.

SAN DIEGO, Cal.—Until 10:30 a. m., March 31, bids will be rec. by City Clk. A. H. Wright to imp. Louisiana St., involv. 139,576.76 sq. ft. paving with 1½-in. asph. conc. wearing surface on 3-in. bitum. base; 11.7 lin. ft. cem. conc curb; 7 6-in. cem. conc. sewer laterals; 5 4-in. cem. conc. sewer laterals; 2 catch basins to be built up. F. A. Rhodes, city engr.

OAKLAND, Cal.—Council, E. K. Sturgis, clerk, declares inten. to imp. portions of Cherry Ave., bet. 90th Ave. and Jones St., involv. grade and pave; construct curbs, gutters and walks. 1911 Act. Protests April 10. W. W. Harmon, city engineer.

VENICE, Cal.—Until 10 a. m., April 1, bids will be rec. by city trustees to imp. 35th Pl., 36th Ave., 36th Pl., 37th Ave., Canal Ct., Pacific Ct., etc., grade; pave; const. san. sewer, with sump, pumps and pump house, and bringing manhole to grade. 1911 Act. L. H. Hanna, city clerk.

BURBANK, Cal. — Bids rec. by city trustees to imp. 5th St., involv. grade and pave with 3-in. rock and oil macad; const. curbs and walks, a total of 2400 lin. ft., were:

Geo. A. Simpson — 60c grading; 11c paving; 50c curb; 17c walk.

Cornwall & Henderson—70c grading; 10.5c paving; 50c curb; 18c walk.

H. T. Larson—80c grading; 10c paving; 47c curb; 17c walk.

E. L. Fleming—52c grading; 10.5c paving; 60c curb; 17c walk.

Chas. A. Larsen—4c sq. ft. grading; 11c paving; 50c curb; 17c walk.

O. U. Miracle — 75c grading; 11.5c paving; 49c curb; 16.9c walk.

Blumenkranz & Vernon—80c grading 12c paving; 50c curb; 16c walk.

W. J. Curren—40c grading; 10c paving; 50c curb; 16c walk.

Pac. Paving Co.—80c grading; 11c paving; 50c curb; 17c walk.

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MAN 38, competent in waterworks and reservoir construction, desires employment with firm in that line of work. References. Address J. H., care Building & Engineering News.

CULVER CITY — Council announces bids will be called for at once to pave Washington Blvd. its full width and for widening and paving of bridge above Green Mill, outside city limits. An appropriation has been obtained from the county for $20,000. It is plan of Washington Blvd. Assn. to pave entire street from curb to curb, and to this end secured the appropriation.

SAN FRANCISCO—No bids received March 19 by Bd. Pub. Wks. to improve Shafter Ave., bet. Jennings and Keith Streets.

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, clerk, declares inten. to imp. Julian Ave., bet. 17th and 21st Sts., involv. grade and pave with 2-in. Warrenite-Bit. surface on 3½-in. bituminous conc. base; hyd. cem. conc. curbs, gutters and walks; 1 br. manhole; 14-in. vitrified pipe storm water sewer drain; 1 cem. conc. storm water inlet; 10-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests April 14. Wm. Popp, city eng.

LOS ANGELES, Cal.—Griffith Co., 502 L. A. Ry. Bldg., submitted low bid to harbor comm. at $18,750 to pave wharves under spec. 604, involving approx. 155,635 sq. ft. asph. conc.

Hill-Hubbell Co. bid $47,081.50 on Mastic paving and $21,868.63 on asph. concrete.

OROVILLE, Butte Co., Cal.—County supervisors appropriate $10,000 from general fund to imp. Miners' Ranch Rd. Harry H. Hume, county rd. eng.

EL CERRITO, Contra Costa Co., Cal.—Warren Const. Co., Bacon Bldg., Oakland, at $6726.59 awarded cont. by city trustees to imp. Cutting Blvd., bet. El Cerrito city limits and San Pablo Ave., Calif. Const. Co. bid $7587.

GILROY, Santa Clara Co., Cal.—City trustees, E. F. Rogers, Clerk, declares inten. to imp. portions of 1st, 2nd, 3rd, and portions of 19 other streets involv. grade and pave with Warrenite-Bit. surface on asph. conc. base; corru. metal culverts and branches; conc. curbs, gutters and walks; conc. catch-basins; vit. irostone storm sewer pipe; br. manholes. 1911 Act and Bond Act 1915. Protests April 2.

OROVILLE, Butte Co., Cal.—J. A. Huntington, Oroville, at $14,352 submit's low bid to supervisors to grade 2-mi. of Prentz road. Other bids: Collins & Seppi, $14,996; Whitlock & Son, $15,900. County Rd. Eng. Harry H. Hume, estimated cost at $11,776. Bids taken under advisement.

SAN RAFAEL, Marin Co., Cal.—The Board of Education, O. R. Hartzell, Sect'y., withdraws call for bids to grade and fill high school athletic field. Bids were to have been opened March 20. The work will be done, if funds are available, following the completion of the high school building, bids for which will be asked shortly. Shea & Shea, architects, Chronicle Bldg., San Francisco.

LA VERNE, Cal.—Black & Veatch, 200 Fay Bldg., Los Angeles, (Alva J. Smith, local representative), preparing plans for the proposed sewer system for La Verne, approx. 6 mi. in length, in connection with joint outfall project of La Verne, Claremont, and Pomona. Bonds in the sum of $60,000 for the La Verne work will be voted on April 14. A. A. Gierlich, Monrovia, is the engr. for the Claremont work, and F. C. Froehde, city engr. of Pomona, is handling the work for the latter city.

SAN JOSE, Santa Clara Co., Cal. — Council, J. J. Lynch, clerk, declares inten. to imp. 24th St., bet. Santa Clara and McKee rd., involv. const. of hyd. cem. conc. walks, 4-ft. wide. 1911 Act and Bond Act. 1915. Protests April 14. Wm. Popp, city engineer.

LASSEN COUNTY, Calif. — Until April 21, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to surface with crushed gravel or stone, 9.7-mi. in Lassen county bet. Janesville and 4-mi. west of Milford. R. M. Morton, State highway Eng. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—Allied Constr. Co., 459 E 3rd St., submitted low bid to Bd. Pub. Wks. at $68,459 to const. storm sewer in La Brea Ave., bet. Pico St. and 16th St. Other bids were: Chas. T. Salata, $72,000; H. D. Churchill & Co., Inc., $74,500; Ira J. Lyons, $75,000; John Petrovich, $74,460; S. Zarubica & B. P. Radich, $83,700; Robinson-Roberts Co., $84,320.

SAN JOSE, Santa Clara Co., Cal. — San Jose Paving Co., San Carlos and Dupont Sts., San Jose, awarded cont. by council to imp. Post St., bet. Orchard and River Sts., except crossings at Vine and Locust Sts., involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base.

LOS ANGELES, Cal.—County supervisors declare inten. for following:

R. D. I. No. 257—Michigan Ave. and Florence-Downey Rd., from Wright Rd east and south to city limits of Long Beach, 3.71 mi. pavement 20 ft. wide. 5-in. to 8-in. thick, involv. 17,948 cu. yds. excav; 44,565 sq. yds. shaping road bed; 44,565 sq. yds. conc. paving; 19,568 lin. ft. shaping shoulders; 72 ft. 18-in., and 4 ft. 24-in. corru. iron pipe; 3 ft. 18-in. and 45 ft. 30-in. reinf. conc. pipe; 28 cu. yds. conc. headwalls. Est. contract price, $121,659.95. Aver. haul, 1.5 mi.

R. D. I. No. 255—Ballona Ave., betw. Western Ave. and city limits of Hawthorne, 1.94 mi., involv. 6200 cu. yds. excav; 24,691 sq. yds. shaping roadbed; 22,703 sq. yds. Willite top; 22,703 sq. yds. Willite base; conc. box culverts at Western Ave., Cypress Ave., and at Sta. 40 plus 18 (one each); 11,250 sq. yds. shaping shoulders; 20,411 sq. yds. d. g. sub base and shoulders 5-in thick. Est. contr. price, $72,085.40. Aver. haul 7 mi. from Torrance.

R. D. I. No. 262—Ohio Ave., Main Ave. to orange Ave. (Azusa Canyon Rd.), (20-ft. macad., 5-in. thick); 1 mi. involv.: 2729 cu. yds. excav; 12,062 sq. yds. shaping roadbed; 10,655 lin. ft. shaping shoulders; 12,012 sq. yds. macad. pavement; 455 sq. ft. gutter. Est. contr. price, $18,190.35. Aver. haul 5 mi. from plant at Azusa by truck; aver. haul for oil, 27 mi. from Gilmore Oil Co's west plant.

County Imp. No. 47—Main St., bet. L. A. city limits south and 108th St., involv. 647 cu. yds. excav; 1830 ft. curb; 15,795 sq. ft. gutter; est. cont. price, $7073.90.

SAN JOSE, Santa Clara Co., Cal. — Raymond H. Crummey, 121 Pearl St., Oakland, awarded cont. by council to imp. 15th St., bet. Jackson and Taylor, involv. grading and paving with 1-in. Warrenite-Bit. surface on 3-in. bit. conc. base; hyd. cem. conc. curbs, gutters and walks.

LOS ANGELES, Cal.—Until 2 p. m., April 14, bids will be rec. by supervisors to imp. Long Beach Blvd., betw. Lemon St., Compton, and n boundary line of city of Long Beach, at Greenleaf Ave., 1.02 mi. involv. 10,027 cu. yds. excav.; 2800 cu. yds. removing old macad.; 18,004 sq. yds. shaping roadway; 18,004 sq. yds. cem. conc. pavement; 18,004 sq. yds. sub-base; 10,802 lin. ft. shaping shoulders. County will furnish 5508 bbls. cement and will pay freight on 7019 tons sand and gravel, Average haul 1.5 mi. from Compton on Pac. El. railway.

SAN BERNARDINO, Cal.—Until 7:30 p. m., April 7, bids will be rec. by council to imp. Wabash St., bet. B St. and Arrowhead Ave., grade and pave with macad., const. conc. gutters; 1911 act. J. H. Osborn, City Clerk.

SAN FRANCISCO—Municipal Const. Co., 112 Lyon St., at $2383.47 awarded cont. by Bd. Pub. Wks. to imp. Arcadia St., bet. Joost and its north termination, involv. 480 cu. yds. cut, $1.10 50 cu. yds. fill $1.10; 343 ft. conc. curb, $1.05; 5144 sq. ft. conc. pavement, $.28. Other bids. Pacific States Const. Co., $2450.50; M. Bertolino, $2628.96.

LOS ANGELES, Cal.—Until 2 p. m., April 14, bids will be rec. by supervisors to imp. Western Ave., bet. Narbonne Ave. and Tract No. 6881, 3.67 mi. involving 95,940 cu. yds. excav.; 64,645 sq. yds. shaping roadway; 308 ft. 18-in., 60 ft. 24-in., 414 ft. 30-in., 328 ft. 36-in., and 440 ft. 48-in. corru. iron pipe. Roadway to be graded 30 ft. wide

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, Builders' Exchange, San Jose awarded cont. by council to improve 12th St., bet. Julian and Empire Sts., involv. grading and paving with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyrd. cem. conc. curbs, gutters and walks; 1 br. catch-basin; 8-in. vit. pipe drains.

WASHINGTON STATE—Until April 2, 9 a. m., bids will be rec. by C. H. Purcell, Dist. Eng., 316 New Postoffice Bldg., Portland, Ore., to const. Shuksan-Austin Pass Rd., in Mt. Baker National Forest, Whatcom county, Wash., 9.5-mi. in length, involv. 24 ac. clearing; 18 ac. grubbing; 79,000 cu. yds. rock and 14,000 cu. yds. common excavation; 9.5 mi. finishing; 20 cu. yds. class B conc; 100 cu. yds. dry rubble masonry; 3550 lin. ft. culverts; 400 lin. ft. bridge deck; 40 M lumber in trestles; 1000 sq. ft. log bridge abutments.

Separate bids, same date, to imp. Glacier-Excelsior rd., in Mt. Baker Natl. Forest, Whatcom county, 5.9-mi. in length, involv. 5500 cu. yds. top course and 6200 cu. yds. base course surface; 312 sta. subgrade; 600 cu. yds maintenance rock.

Gov't has equipment for lease to contractors. Plans on file at Bureau of Public Roads, Postoffice Bldg., Portland and Forest Supervisor's office at Bellingham, Wash. Obtainable from Portland office on deposit of $10. returnable. Cert. check 5% req. with each bid.

LOS ANGELES, Cal.—G. A. Constantine, 911 Haas Bldg., awarded cont. by Bd. Pub. Wks. at $28,993 to imp. Waverly Ave., bet. Auburn St. and Hyperion Ave., involv. grading at $7460 (lump sum); 52,816 sq. ft. conc. paving 23.5c ft; 1666 ft. light curb 58c ft; 7879 sq. ft. walk 21c ft; san. sewer $6500.

Geo. R. Curtis, 2440 E 26th St. awarded cont. at $19,714 to imp. Hoover St., bet. Fountain Ave. and Santa Monica Blvd., involv. grading at $2350 (lump sum); 50,285 sq. ft. Warrenite-bitul. paving 29c ft; 847 ft. curb 70c ft; 4332 sq. ft. walk 24c ft; 2309 sq. ft. gutter 32c ft; 210 ft. hse sewers $1.95 ft.

Gibbons & Reed Co., 905 S Olive St., awarded contr. at $26,858 to imp. Oxnard St., bet. Woodman Ave. and Sherman Way, involv. grading at $1975 (lump sum); 108,802 sq. ft. conc. paving 22.75 ft; 196 ft. curb. 55c ft.

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ANDERSON, Shrsta Co., Cal.—Property owners in Anderson contemplate paving strip running from state highway across tracks into the business district, approx. 40,000 sq. ft. in all. Est. cost $10,000.

SAN JOSE, Santa Clara Co., Cal. — Council, J. J. Lynch, clerk, declares inten. to imp. Taylor St., bet. 1st and 7th Sts., involv. grade and pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs, gutters and walks; hyd. cem. conc. alley driveways. 1911 Act & Bond Act 1915. Protests April 14. Wm. Popp, city eng.

GLENDALE, Cal.—Pacific Paving Co. 510 Metropolitan Theatre Bldg., Los Angeles, awarded cont. by council to pave portions of Park Ave. and Adams St., involving 39,700 sq. ft. grading 75c sq. ft; 26,200 sq. ft. 3-in. macad. 11c ft; 1315 ft. class B curb 50c ft; 6700 sy. ft. walk 16c ft; 683 lin. ft. 4-in. c. i. water pipe at $938.45 (lump sum).

OROVILLE, Butte Co., Cal.—County Rd. Eng. Harry H. Hume preparing estimates of cost to const. Las Plumas road to connect with Oroville-Quincy highway.

CHICO, Butte Co., Cal.—City trustees select asph. conc base and surface for extensive street improvement program and City Eng. F. A. Lammiman has been instructed to proceed with plans.

BURBANK, Cal.—Until 7:30 P. M., Apr. 8, bids will be rec. by city trustees to imp. Main St., bet. Alameda and Verdugo Aves., approx. 2500 lin. ft. involv. grade; pave with 6-in. concr Cert chk. or bond, 10%; F. S. Webster, City Clerk.

SAN ANSELMO, Marin Co., Cal.—Until April 21, 7:30 p. m. bids will be rec. by A. W. Studley town clerk, to const. vit. pipe sanitary sewer with wye branches in Red Hill, Sonoma Aves., etc., etc., const. br. and conc. manholes with c. i. frames and covers and vit. pipe lampholes with c. i. frames and covers. 1911 Act & Bond Act 1915. Plans obtanable from clerk.

SANTA ANA, Cal.—B. R. Ford, 407 W 17th St., Santa Ana, awarded contr. by supervisors at $15,200 to pave Tustin Ave., about ½ mi., and Santa Clara Ave. ¾ mi., in R. D. I. No. 29.

OFFICIAL PROPOSALS

(Continued from Page 19)

NOTICE TO BIDDERS

(Track Spikes—City of Eureka)

Sealed proposals for bids are hereby invited by the Council of the City of Eureka, California, for use by the Eureka Street Railway for fifteen (15) Tons of Nine-Sixteenths of an inch by five inch (9/16x5) Track Spikes f. o. b. dock or cars, Eureka, California. Delivery to be made within sixty days after award of contract. Bids will be received in an envelope marked Bids for Track Spikes and are to be submitted to the Superintendent of Public Works of the City of Eureka at his office at number 524 D Street, Eureka, California, **on or before 5 o'clock P. M., on Tuesday, April 1st, 1924.** Bids will be opened by the City Council of the City of Eureka at 8 o'clock P. M., Tuesday, April 1st, 1924.

The right is reserved to reject any or all bids.

JOHN GRIFFITH,
Superintendent of Public Works of the City of Eureka.

BIDS WANTED FOR CULVERT PIPE

NOTICE TO CONTRACTORS

Bids are requested by the District Engineer, U. S. Bureau of Public Roads, #9 Main Street, San Francisco, California, for furnishing corrugated metal culvert pipe and couplers for the Murphys Big Trees Project. Bidders may obtain specifications and blank forms for bids from the District Engineer. The approximate quantities are as follows: 2312 Lin. Ft. 18" corrugated metal pipe; 456 Lin Ft. 24" corrugated metal pipe; 66 Lin. Ft. 30" corrugated metal pipe; 54 couplers for 18" pipe; 14 couplers for 24" pipe; 3 couplers for 30" pipe.

Bids will be publicly opened and read at **9 A. M., Wednesday, April 2, 1924.**

C. H. SWEETSER,
District Engineer.

NOTICE TO BIDDERS

(Water Pipe—City of Eureka)

Sealed proposals or bids are hereby invited by the City of Eureka for furnishing Fifteen Hundred (1500) Lineal feet of eight inch (8) Class B Cast Iron Pipe for use by the Eureka Water Department of Eureka, f. o. b. dock, Eureka, California.

Delivery to be made within sixty days after award of contract. The said bids will be received in a sealed envelope marked Bids for eight-inch Class B Cast Iron Pipe, at the office of the Superintendent of Public Works, of the City of Eureka at number 524 D Street, Eureka, California, **up to the hour of 5 P. M., Tuesday, April 1st, 1924.**

Bids will be opened by the City Council of the City of Eureka at 8 o'clock P. M. on the 1st day of April, 1924.

Dated March 18th, 1924.

JOHN GRIFFITH,
Superintendent of Public Works of the City of Eureka.

NOTICE TO BIDDERS

(City of Eureka—Track Bolts)

Sealed proposals for bids are hereby invited by the Council of the City of Eureka, California, for use by the Eureka Street Railway, for Three (3) Tons of three-quarter inch by three and one-half inch (¾x3½) and two tons of three-quarter inch by three and three-quarter inch (¾x3¾) Track Bolts f. o. b. dock or cars, Eureka, California. Delivery to be made within sixty days after award of contract. Bids will be received in an envelope marked Bids for Track Bolts and are to be submitted to the Superintendent of Public Works of the City of Eureka at his office at number 524 D Street, Eureka, California, **on or before 5 o'clock P. M., on Tuesday, April 1st, 1924.**

Bids will be opened by the City Council of the City of Eureka, at 8 o'clock P. M., Tuesday, April 1st, 1924.

The right is reserved to reject any or all bids.

JOHN GRIFFITH,
Superintendent of Public Works of the City of Eureka.
March 18, 1924.

NOTICE TO CONTRACTORS AND BIDDERS

(Salinas — Roosevelt and Lincoln Schools)

Sealed proposals will be received at the office of the Salinas City Board of Education, Salinas, California, **until 8 p. m., Friday, April 4, 1924,** for the general work, for the plumbing and sheet metal, heating, and electrical work, for the Lincoln School, located on the property at southeast corner of Maple street and California street, and the Roosevelt School, located on the property at the southwest corner of Central avenue and Capitol street, both in the City of Salinas, County of Monterey, State of California.

Bids will be opened at the hour above mentioned and publicly announced.

The plans and specifications may be seen at the office of the Board in the Central Grammar School, corner of Church and Alisal streets, Salinas, California, or at the office of J. J. Donovan and Davis-Heller-Pearce Co., Associated Architects, 1916 Broadway, Oakland, California. A deposit of $25 will be required as a guarantee of the return of the plans and specifications taken from either office, and same will be refunded to the bidder when the plans and specifications are returned in good condition.

The Board reserves the right to reject any and all bids.

Proposals shall be delivered in accordance with the instructions given in the specifications.

SALINAS CITY BOARD OF EDUCATION, by ARTHUR WALTER, Secretary.

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Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

1271	McKenna	Owner	3000
1272	Strand	Owner	20000
1273	Moneta	Arnott	16000
1274	Smith	Hamilton	17500
1275	Chinese Hosp.	Barrett	146000
1276	Arnott	Owner	4000
1277	Ladies Prot.	Farquhason	740000
1278	Klamm	Owner	1500
1279	Sullivan	Wagner	120000
1280	R. C. Archt.	Finnegan	20000
1281	Fagan	Miller	4000
1282	Arnott	Owner	3000
1283	Parkside	Owner	12000
1284	Behlow	Dorr	3000
1285	Robson	Malloch	30000
1286	Steel Service	Owner	8000
1287	Bell	Owner	4000
1288	Field	Owner	4000
1289	Bertram	Owner	12000
1290	Sullivan	Olsen	2584
1291	Monson	Strothoff	18000
1292	Ahkmann	Davis	4250
1293	Farley	Christensen	20370
1294	Ferre	Milano	29000
1295	Theden	Johnson	21000
1296	Hundemer	Owner	3000
1297	Spencer	Siggs	3000
1298	De Maria	Del Favero	8900
1299	Keville	Golden	4000
1300	Stich	Halsen	5000
1301	Westby	Owner	3000
1302	Miller	Owner	3000
1303	Lund	Petterson	5000
1304	Jansen	Owner	4500
1305	Kelly	Callaghan	2000
1306	Sorbi	Owner	3000
1307	Smith	Owner	1000
1308	Suthkamp	Owner	1200
1309	S P Co	Pacific	267
1310	McAllister	Barrett	47500
1311	S P Co.	Fay	——
1312	Janssen	Owner	4000
1313	Homestead	Owner	2800
1314	Center	Gompertz	20000
1315	Flood	Gibson	3000
1316	Canton Bk	Winner	10000
1317	Wilson	Owner	13000
1318	Dawson	Owner	3500
1319	Klahn	Owner	24000
1320	Skelly	Klahn	24000
1321	Salomen	Owner	9750
1322	Leigh	Owner	4000
1233	Same	Owner	4000
1324	Thurber	Healing	5830
1325	Zihn	Elvin	9500
1326	S F Home Bld Co	Meyer	6000
1327	Same	Same	3000
1328	Woerner	Owner	35000
1329	Lavadin	Owner	2250
1330	Cooper	Lager	5000
1331	Hess	Hjul	20000
1332	Driscoll	Lindberg	5250
1333	Donovan	McCormick	12000
1334	Cobby	Owner	1500
1335	Springer	Couch	50000
1336	Bank of Italy	Fink	2900
1337	Lindblad	Lindeman	10000
1338	Sydnor	Mangel	7000
1339	Grasso	Owner	2500
1340	Schnepp	Hantzsche	4900
1341	Darock	Kronsuist	8400
1342	Somers	Magill	11500
1343	Somers	Magill	11500
1344	Pac. Tel. & Tel. Co.		205000
1345	Pac. Tel. & Tel. Co.		478725
1346	Shaw	Neish	3000
1347	Grigg	Owner	6000
1348	Williams	Owner	9000
1349	Bruns	Carson	2000
1350	Fratessa	Owner	5000
1351	Digini	Owner	1800
1352	City Realty	Coz	4000
1353	Rudolph	Owner	6000
1354	Levy	Schwatz	6000
1355	Nasser	Meyer	10000
1356	Williams	Owner	6000
1357	Schrepfer	Owner	3000
1358	Chevalier	Owner	2000
1359	McCarthy	Owner	3000
1360	Williams	Owner	12000
1361	Lapham	Owner	6000
1362	Nelson	Pearson	——
1363	Ruggeri	Mission	2500
1364	Briess	Adler	25750
1365	Sydnor	Mangels	13400
1366	Sommer	Fink	53000
1367	Recorder	Bowen	556
1368	Same	Tomnitz	6995
1369	Same	Crowe	675
1370	Same	Conlin	794
1371	Same	Hampton	485
3172	Same	O'Mara	585
1373	Same	McClure	750
1374	Same	Goodman	2600
1375	Same	Gilmour	460
1376	Same	Mealey	3050
1377	Pacific Gas	Jackson	2898
1378	Morton	Fontella	4650
1379	Eaton	Owner	2000
1380	Tarintino	Black	4000
1381	Metter	Kronquist	3500
1382	Zimmerrman	Wilhelm	25000
1383	Newsom	Carlson	8000
1384	McAlister	Barrett	40000
1385	Headman	Owner	3000
1386	Hasmet	Biller	10500
1387	Lawrence	Owner	2500
1388	Vigen	Owner	3800
1389	Strand & Strand	Owner	18000
1390	Moeller	Meyer	20000
1391	Kroger	Merritt	1200
1392	Johnson	Owner	60000
1393	Laurens	Owner	75000
1394	Porter	Manseau	11000
1395	Roman Catholic	Finegan	21000
1396	Price	Johnson	8900
1397	Nagle	Anderson	3700
1398	Fauser	Stiefel	11480

CONCESSION

(1271) SE CABRILLO & LA PLAYA. One-story frame amusement concession.
Owner—James McKenna, 643 10th Ave., San Francisco.
Architect—Wm. Huber, 746 46th Ave., San Francisco. $3000

APARTMENTS

(1272) SW CALIFORNIA AND SIXteenth Ave. Three-story and basement frame (12) apartments.
Owner—Strand & Strand, % Architect.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $20,000

DWELLINGS

(1273) SE EDNA AND JOOST AVE and E EDNA 25, 50 and 75 S Joost Ave. Four one-story and basement frame dwellings.
Owner—Moneta Investment Co., 233 Pacific Bldg., San Francisco.
Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. $4000 each

FRAME FLATS

(1274) SW GUERRERO & TWENTYfifth. Two-story and basement frame (4) flats.
Owner—J. F. Smith, 481 Dewey Blvd., San Francisco.
Architect—None.
Contractor—A. C. Hamerton, 481 Dewey Blvd., San Francisco. $17,500

HOSPITAL

(1275) SE JACKSON AND TRENTON. Four-story and basement reinforced concrete Class C hospital.
Owner—Chinese Hospital Association, 311 Humboldt Bank Bldg., S. F.
Architect—Alfred I. Coffey, 311 Humboldt Bank Bldg., S. F.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $146,000

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DWELLING
(1276) N JULES 225 S Holoway. One story and basement frame dwelling
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco.
Architect—None. $4000

RESIDENCE
(1277) S LAGUNA from Bay to Francisco. Three-story and basement brick residence.
Owner—S. F. Ladies Protective & Relief Society.
Architect — Julia Morgan, Merchants' Exchange Bldg., San Francisco.
Contractor—D. B. Farquharson, 1760 Ellis St., S. F. $140,000

DWELLING
(1278) N MAYNARD 250 E Craut. One-story and basement frame dwelling.
Owner—Frank Klamm, 159 Maynard St., San Francisco.
Architect—None. $1500

WHOLESALE BLDG.
(1279) N MISSION 175 E Sixth. Five story and basement reinforced concrete wholesale building.
Owner—Walter H. Sullivan, Inc., Alexander Bldg., San Francisco.
Architect—None.
Contractor—George Wagner, 181 South Park St., San Francisco. $120,000

RESIDENCE
(1280) NW MISSOURI & NINETEENTH Two-story and basement frame residence.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Jno. J. Foley, 770 5th Ave., San Francisco.
Contractor—J. J. Finnegan, 770 5th Ave., San Francisco. $20,000

DWELLING
(1281) N RICHLAND 275 E Leese. One-story and basement frame dwelling.
Owner—Henry Fagan, 250 Richland Ave., San Francisco.
Architect—None.
Contractor—Wm. Miller, 49 Park St., San Francisco. $4000

DWELLING
(1282) E STAPLES 225, 250, 275 and 300 E Forester. Four one-story and basement frame dwelling.
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco.
Architect—None. $3000 each

DWELLINGS
(1283) N ULLOA 82-6, 149-2 and 115-10 W Twenty-eighth Ave. Three one story and basement frame dwlgs.
Owner — Parkside Realty Co., 617 Crocker Bldg., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000 each

DWELLING
(1284) N VASQUEZ 100 E Laguna Honda Blvd. One-story and basement frame dwelling.
Owner—Robert F. Behlow, 124 Geray St., San Francisco.
Architect—Pearce Bros. Co., Mills Bldg. San Francisco.
Contractor—A. D. Dorr, 366 8th Ave., San Francisco. $3000

WAREHOUSE
(1285) W SIXTH 75 N Harrison St. Two-story frame warehouse.
Owner—K. Robson, Nevada Bk. Bldg., San Francisco.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—J. S. Malloch, 180 Jessie St., San Francisco. $30,000

FACTORY
(1886) S EIGHTEENTH bet. Third & Illinois. Steel warehouse and factory.
Owner—Steel Service Co., Premises.
Architect—None. $8000

DWELLING
(1287) W TWENTY-EIGHTH AVE 125 N Taraval. One-story and basement frame dwelling.
Owner—R. W. Bell, 235 Granville Way San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S .F. $4000

RESIDENCE
(1288) E THIRTY-SIXTH AVE 175 S Clement. Two-story and basement frame residence.
Owner—J. C. Field, 434 36th Ave., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $4000

DWELLINGS
(1289) E THIRTY-SIXTH AVE 200, 225 and 250 N Balboa. Three one-story and basement frame dwlgs.
Owner—Geo. A. Bertram, 2831 Mission St., San Francisco.
Architect—None. $4000 each

RESIDENCE
(1290) S GRAFTON 25 W Plymouth W 25x100. All work for one-story and basement frame residence.
Owner—John Sullivan, 504 Lyon St., San Francisco.
Architect—Lewis M. Gardner.
Contractor—O. G. Olsen and T. Sullivan 240 Jules Ave., San Francisco.
Filed Mar. 20, '24. Dated Mar. 18, '24.
Plastered .....$ 938
Completed and accepted..... 1000
Usual 35 days..... 646
TOTAL COST, $2584
Bond, $1293 Sureties, O. G. Olsen and Thos. J. Sullivan. Limit, 60 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported Jan. 3, 1924 No. 14.

DWELLINGS
(1291) E FORTY-SIXTH AVE. 120, 146-8, 173-4, 200, 226-8, 253-4, S Anza. Six one-story and basement frame dwellings.
Owner—R. Monson, 607 39th Ave., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., S. F. $3000 each.

RESIDENCE
N CAMINO DEL MAR opp. 30th Ave. Two-story and basement frame residence.
Owner—A. G. Freese, % Architect.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Allen & Co., 168 Sutter St., San Francisco. $18,000
NOTE:—Recorded contract reported March 20, 1924.

DWELLING
(1292) E NINETEENTH AVE. 200 S Noriega S 25 x E 120. All work for frame dwelling.
Owner—Martin C. and Gladys G. Ahkmann, 1414 5th Ave., S. F.
Architect—A. C. Griewank, Call Bldg., San Francisco.
Contractor—F. J. Davis.
Filed Mar. 20, 1924. Dated Mar. 8, 1924.
Signing of contract.....$ 100.00
Enclosed 1037.50
Plastering completed 1037.50
Bldg. completed 1037.50
Usual 35 days 1037.50
TOTAL COST, $4250.
Bond, Sureties. Forfeit, none. Limit, 90 days. Plans and Specifications filed.

APARTMENTS
(1293) N CHESTNUT 217-6 W Polk 27-6 x 137-6. All work for 2-story frame bldg (6) apartments.
Owner—Mary E. Farley, care of contractor.
Architect—None.
Contractor — Christiansen Bros., 518 25th St., S. F.
Filed Mar. 20, 1924. Dated Mar. 17, 1924.
Frame up $5092.50
Brown coated 5092.50
Completed and accepted 5092.50
Usual 35 days 5092.50
TOTAL COST, $20,370.
Bond, Sureties, Forfeit, none. Limit 90 days. Plans and Specifications filed.
NOTE—Permit reported Mar. 15, 1924 No. 1166.

(1294) NE MISSION AND PERSIA Ave. N 50 x E 83-3. All work except lighting fixtures, shades and electric radiators for 2-story reinforced concrete bldg. (stores and apartments).
Owner—P. Perro, 453 Lisbon, S. F.
Architect—P. F. DeMartini, 946 Broadway, S. F.
Contractor—Antonio Milano, 399 Templeton Ave., S. F.
Filed Mar. 20, 1924. Dated Feb. 27, 1924.
Joists in and concrete poured to 2nd floor $4350
Concrete poured to roof..... 4350
Ready for lathing 4350
Plaster finished 4350
Completed and accepted 4350
Usual 35 days 7250
TOTAL COST, $29,000
Bond, $14,500. Sureties, Louis Gregoire and Chas. A. Anderson. Forfeit, none. Limit, 120 days after Feb. 23, 1924. Plans and Specifications filed
NOTE—Permit reported Feb. 15, 1924, No. 643.

APARTMENTS
(1295) W STANYAN 231-2 2/5 S Parnassus Ave 46x100. All work except grading, heating, plumbing, painting, papering, wall beds, electric wiring, finish hardware and fixtures for two-story frame apartments.
Owner—John C. Theden.
Architect—None.
Contractor—Joel Johnson & Son, 180 Jessie St., San Francisco.
Filed Mar. 19, '24. Dated Mar. 5, '24.
Ready for roof.....$3937.50
Brown coated 3937.50
Standing finish on..... 3937.50
Completed and accepted ... 3937.50
Usual 35 days..... 5250.00
TOTAL COST, $21,000.00
Bond, $10,500. Sureties, Adam Arras & Emery J. Nutting. Limit, 100 days. Forfeit, plans and specifications, none.

DWELLING
(1296) N CRESCENT 25 W Andover. One-story and basement frame dwelling.
Owner—Walter F. Hundemer, 1417 Central Ave., Alameda.
Architect—None. $3000

DWELLING
(1297) S JUDAH 82-6 E Twenty-third Ave. One-story and basement frame dwelling.
Owner—A. Spencer, 1743 Judah St., San Francisco.
Plans by Owner.
Contractor—Siggs & Hill, 2314 19th Ave., San Francisco. $3000

STORE
(1298) W MONTGOMERY 120 N Jackson. One-story and mezzanine floor and basement concrete store.
Owner—J. E. DeMaria, 2900 Pierce St, San Francisco.
Architect—None.
Contractor—J. Del Favero & Co., 180 Jessie St., San Francisco. $8900

DWELLING
(1299) NE SAN JOSE AND SANTA Ysabel. One-story and basement frame dwelling.
Owner—Alice Keville, 35 Delano Ave., San Francisco
Plans by Contractor.
Contractor — F. Gorden, 116 Miramar Ave., San Francisco. $4000

DWELLING
(1300) SE TARAVAL AND TWENTY-second Ave. One-story and basement frame dwelling.
Owner—Mrs. Fred M. Stich.
Architect—None.
Contractor—Halsen & Sioblom, 37 Fair Ave., San Francisco. $5000

DWELLING
(1301) E NINETEENTH AVE 105 S Quintara. One-story and basement frame dwelling.
Owner—John Westby and Hans Hansen, 249 Dolores St., San Francisco.
Architect—None. $3000

DWELLING
(1302) W TWENTY-SEVENTH AVE 325 S Irving. One-story and basement frame dwelling.
Owner—Adolph Mills, 991 Valencia St., San Francisco.
Architect—J. Hladik, Monadnock Bldg., San Francisco. $3000

DWELLING
(1303) E TWENTY-NINTH AVE 100 N Anza. One-story and basement frame dwelling.
Owner—Anna D. Lund, 891 Post St, Apt. 414, San Francisco.
Architect—None.
Contractor—G. Petterson, 46 Divisadero St., San Francisco. $5000

DWELLING
(1304) W THIRTY-NINTH AVE 175 N Balboa. One and one-half-story and basement frame dwelling.

Owner—J. H. Jansen, 319 Frederick St., San Francisco.
Plans by Owner. $4500

ALTERATIONS
(1305) NO. 943 ASHBURY. Remodel for garage quarters in residence; plastering attic rooms and add bath.
Owner—W. A. Kelly, 3462 17th St., San Francisco.
Architect—None.
Contractor—Jack Callaghan, 900 Clayton St., San Francisco. $2000

DWELLING
(1306) W EDINBURGH 75 N Jessie. One-story and basement frame dwelling.
Owner—A. Sorbi, 224 Russia St., S. F.
Architect—None. $3000

ALTERATIONS
(1307) NO. 555 NAPLES ST. Extend dwelling house; concrete work, etc.
Owner—Harvey Smith, Premises
Architect—None. $1000

ADDITIONS
(1308) NO .1820-A POST ST. Add to rooming house.
Owner—August Suthkamp, 1436 Buchanan St., San Francisco.
Plans by Owner. $1200

CURVING RAIL
(1309) SEVENTH ST. Curving 1780½ feet of new girder rail to be used on Seventh St.
Owner — Southern Pacific Co., S. P. Bldg., San Francisco.
Architect—None
Contractor — Pacific Rolling Mill Co., 17th and Mississippi Sts., S. F.
Filed Mar. 21, '24. Dated Mar. 12, '24.
On completion 75%
Usual 35 days..... 25%
TOTAL COST, $267
Bond, none. Limit, March 24. 1924.
Forfeit, plans and specifications, none.

CLASS C BLDG.
(1310) S POST 50 E Taylor 40x75. All work for five-story Class C building.
Owner—Francis and Maria McAllister.
Architect—Wm F. Gunnison. 57 Post St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Filed Mar. 21, '24. Dated Mar. 20, '24.
On 1st and -5th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $47,500
Bond, none. Limit, Aug. 15, 1924. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported Mar. 19, 1924 No. 1251.

GRADING, ETC.
(1311) ON EIGHTH ST. bet. Carolina and 16th and int. of Hooper, Irwin and Wisconsin with 8th St Grading and installing asphaltic concrete pavement.
Owner — Southern Pacific Co., S. P. Bldg., San Francisco.
Architect—None.
Contractor—The Fay Imp. Co., Phelan Bldg., San Francisco.
Filed Mar. 21, '24. Dated Mar. 5, '24
At close of each month..... 75%
Usual 35 days..... 25%
TOTAL COST—approximately 43,500 sq. ft. at 16c per sq. ft.
Bond, $6960. Surety, Hartford Accident & Indemnity Co. Limit, 60 days. Forfeit, none. Plans and specifications filed.

DWELLING
(1312) E COLLINS 371-8 N Geary. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg San Francisco.
Architect—None. $1000

DWELLING
(1313) NE GOETHE 287-6 W San Jose Ave. One-story and basement frame dwelling.
Owner—Homstead Realty Co., 704 Market St., San Francisco.
Plans by Owner. $2800

WAREHOUSE
(1314) E HAMPSHIRE 100 N Mariposa. One-story concrete warehouse.
Owner—The John Center Co., 809 Balboa Bldg., San Francisco.
Architect—None.
Contractor — Chas. W. Gompertz, 809 Balboa Bldg, S. F. $20,000

DWELLING
(1315) S LAWTON 95 W 18th Ave. One-story and basement frame dwelling.
Owner—Mrs. M. Flood.
Architect—Willis Lowe, Monadnock Bldg., San Francisco.
Contractor—R. N. Gibson, 55 5th St., San Francisco. $3000

ALTERATIONS
(1316) SE MONTGOMERY & SACRAmento. Move elevator, stairs and tile partitions and erect new tile partitions; metal cage work, etc.
Owner—Canton Bank, Premises.
Architect—H. B. Winner Co., 305 Sharon Bldg, San Francisco.
Contractor — H. H. Winner Co., 305 Sharon Bldg., S. F. $10,000

ALTERATIONS
(1317) NO. 840 POWELL. Remove rear wall of garage and extend 67 ft.; reinforced concrete construction for private garage.
Owner—A. W. Wilson, 802 Humboldt Bank Bldg., San Francisco.
Architect — C. A. Meussdorffer, 802 Humboldt Bank Bldg., San Francisco. $13,000

DWELLING
(1318) S RANDELL 148 E Chenery. One-story and basement frame dwelling.
Owner—C. Dawson, 57 Randell St., San Francisco.
Architect—None.
Contractor — Henry Erickson, 1825 Church St., San Francisco. $5500

APARTMENTS
(1319) W SIXTEENTH AVE 125 and 156¼ S Irving. Two two andone-half-story and basement frame apartment buildings (5 apts. each)
Owner—Arthur H. Klahn, 1334 21st Av., San Francisco.
Architect—None. $12,000 each

APARTMENTS
(1320) N SIXTEENTH AVE 187½ and 156¼ S Irving. Two two and one-half-story and basement frame apartment buildings (5 apts. each)
Owner—Thos. Skelly and Wm. Kohln, 1344 9th Ave., San Francisco.
Architect—None
Contractor—Arthur H. Klahn, 1334 21st Ave., S. F. $12,000 each

RESIDENCE
(1321) SE TWENTY-SEVENTH AVE. and Irving. Two-story and basement frame residence.
Owner—Geo. Solomon, 27th Ave. and Irving St., San Francisco.
Architect — Walter C. Falch, Hearst Bldg., San Francisco. $9750

DWELLING
(1322) E THIRTY-EIGHTH AVE 100 N Cabrillo. One-sto. and basement frame dweling.
Owner—D. Leigh and B. Schmier, 801 42nd Ave, San Francisco.
Architect—None. $4000

DWELLING
(1323) E FORTY-FOURTH AVE 260 N Cabrillo. One-story and basement frame dwelling.
Owner—D. Leigh and B. Schmier, 801 42nd Ave, San Francisco.
Architect—None. $4000

ALTERATIONS
(1324) SE BRODERICK AND SACRAmento S 27-6xE 82-6. All work for alterations and additions to bldg.
Owner—Isabella C. Thurber.
Architect—W. H. Armitage, Call Bldg., San Francisco.
Contractor—George Healing, 3665 Sacramento St., San Francisco.
Filed Mar. 22, '24. Dated Mar. 14, '24.
Store front framed and ready for tiling and glass.....$ 870
Plate glass in kitchen of front flat finished and rough frame of new addition up..... 1400
Brown coated 1050
Completed and accepted..... 1050
Usual 35 days..... 1460
TOTAL COST, $5830
Bond, $2920. Sureties, Thos. L. Comyns and Robert J. Neilan. Limit, 90 days. Forfeit, none. Plans and specifications filed.

LOFT BLDG.
(1325) W FIFTH 30 N Howard N 25x W 75. All work except lighting fixtures for one-story, mezzanine and basement concrete loft bldg.
Owner—Emma A. Zihn, % Architect.
Architect—Martin A. Sheldon, 110 Sutter St., San Francisco.
Contractor — Arthur Elvin, 1243 12th St., San Francisco.
Filed Mar. 22, '24. Dated Mar. 21, '24.
Footings poured and basement floor slab poured.....$2000
Entire concrete work poured.. 2000
Completed and accepted..... 3125
Usual 35 days..... 2375
TOTAL COST, $9500
Bond, $4750. Sureties, Adam H. Lieb and Myrtle B. Lieb. Limit, 52 days. Forfeit, none. Plans and specifications filed.

DWELLINGS
(1326) E DOUGLASS 115 and 146 N Twenty-third. Two one-story and basement frame dwellings.
Owner—San Francisco Home Bldg. Co., 2565 Mission St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 1st Nat'l. Bank Bldg., S. F. $3000 each

DWELLING
(1327) S JERSEY 80 W Diamond. One story and basement frame dwlg.
Owner—San Francisco Home Bldg. Co., 2565 Mission St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 1st Nat'l. Bank Bldg., San Francisco. $3000

RESIDENCE
(1328) S LIBERTY 155 E Church. Two story and basement frame residence.
Owner—David Woerner, 802 Humboldt Bank Bldg., San Francisco.
Architect—C. A. Meussdorffer, 802 Humboldt Bk Bldg., S. F. $35,000

DWELLING
(1329) E MAJESTIC AVE 175 S Lakeview. One-story and basement frame dwelling.
Owner—M. Lundin, 123 Majestic Ave., San Francisco.
Architect—W. E. Adams, 132 Lippard St, San Francisco. $2250

REPAIRS
(1330) NO. 260 MISSION. Repair fire damage (5-ply tar and gravel roof)
Owner—F. F. Cooper, 316 Laurel St., San Francisco.
Architect—None.
Contractor — Lager & Val Franz, 180 Jessie St., S. F. $5000

FACTORY
(1331) E TENTH 240 S Mission. Two story concrete factory.
Owner—F. W. Hess.
Engineer—J. H. Hjul, 128 Russ St, San Francisco.
Contractor—J. H. Hjul, 128 Russ St., San Francisco. $20,000

DWELLING
(1332) E PRAGUE 100 S Geneva. One story and basement frame dwlg.
Owner—Jos. P. Driscoll, 1117 Guerrero St., San Francisco.
Architect—None.
Contractor—C. Lindberg, 257 Surrey St., San Francisco. $5250

APARTMENTS
(1333) N TWENTY-NINTH 100 E Sanchez. Two-story and basement frame (4) apartments
Owner—John Donovan, 1721 Church St., San Francisco.
Architect—None.
Contractor—Thos. McCormick, 73 Hill St., San Francisco. $12,000

OFFICE
(1334) N TEHAMA 312-6 E Fourth. Two-story frame office.
Owner—Colby & Owsley, 636 Call Bldg. San Francisco.
Architect—None. $1500

HOTEL
(1335) SW COSMO AND TAYLOR STS. 6-story and basement class "C" hotel.
Owner—Mr. and Mrs. Geo. W. Springer, 1032 Jackson St., S. F.
Architect—Maurice Couchot and Jesse Rosenwald, 60 Sansome St., S. F. $50,000

ALTERATIONS
(1336) SE GEARY AND JONES STS. Install bank vault, remodel show windows and prepare store for bank quarters.
Owner—Bank of Italy, Powell and Market Sts., S. F.
Architect—H. A. Minton, Monadnock Bldg., S. F.
Contractor—Fink & Schindler Co., 218 13th St., S. F. $2900.

APARTMENTS
(1337) E GOUGH 25 S Francisco. 2-story and basement frame (4 apartments.
Owner—E. H. Lindblad, 619 27th Ave., San Francisco.
Architect—None.
Contractor—H. O. Lindeman, 619 27th Ave., S. F. $10,000

RESIDENCE
(1338) N SAN ANSELMO 335 W Santa Clara. 2-story and basement frame residence.
Owner—J. L. Sydnor, 278 Post St., S. F.
Architect—Masten & Hurd, 278 Post St. San Francisco.
Contractor—Mangels Bros., 4792 Mission St., S. F. $7000

DWELLING
(1339) N THIRD 90 E SHAFTER AVE. 2-story and basement frame dwlg.
Owner—N. Grasso, 5147 Third St., S. F.
Architect—M. J. Lyon, 916 Kearny St., San Francisco. $2500

DWELLING
(1340) E FORTY-FIRST AVE. 250 N. Anza. 1-story and basement frame dwelling.
Owner—A. Schnepp, 566 41st Ave., S. F.
Architect—None.
Contractor—G. M. Hantzsche, 455 32nd Ave., S. F. $4950

COTTAGES
(1341) N SILVER AVE. 107-3 E Grant 50 Lot 24 Blk 9. All work for two cottages.
Owner—Wm. Darock, 138-a Russ St., San Francisco.
Architect — Alfred J. Kronquist, 725 Elizabeth St., San Francisco.
Contractor—Alfred J. Kronquist, 725 Elizabeth St., San Francisco.
Filed Mar. 24, 1924. Dated Mar. 22, 1924.
Frame up $2100
Rough coat plaster 2100
Completed and accepted..... 2100
Usual 35 days 2100
TOTAL COST, $8400
Bond, Forfeit, none; Limit, 90 days; Plans and specifications filed.

FLATS
(1342) N FULTON 82-6 W 18th Ave. All work for 2-story frame bldg. (2 flats).
Owner—H. H. Somers, 581 4th Ave., San Francisco.
Architect—None.
Contractor—C. T. Magill, 581 4th Ave., San Francisco.
Filed Mar. 24, 1924. Dated Mar. 19, 1924.
Tar and gravel laid 25%
Brown coated 25%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST, $11,500
Bond, Forfeit, Limit, Plans and specifications, none.
NOTE—Permit reported Mar. 18, 1924 No. 1210.

FLATS
1343) N FULTON 82-6 W 18th Ave. All work for 2-sto frame bldg. (flats).
Owner—H. H. & Harriet H. Somers, 580 4th Ave., San Francisco.
Architect—None.
Contractor—C. T. Magill, 581 4th Ave., San Francisco.
Filed Mar. 24, 1924. Dated Mar. 19, 1924.
Tar and gravel laid 25%
Brown coated 25%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST, $11,500
Bond, Forfeit, Limit, none; Plans and specifications filed.
NOTE—Permit reported Mar. 18, 1924 No. 1210.

OFFICE BLDG.
(1344) N BUSH BET. KEARNY AND Grant Ave. Structural steel and iron work for main office bldg.
Owner—The Pacific Telephone & Telegraph Co., 333 Grant Ave., S. F.
Architect — Bliss & Faville, Balboa Bldg., San Francisco.
Contractor—Dyer Bros., Golden West Iron Wks., Inc., 1950 17th St., S. F.
Filed Mar. 24, 1924. Dated Mar. 14, 1924.
Upon receipt of steel from rolling mills $60 per ton.
1st each month 95%
36 days after 5%
TOTAL COST, $205,000
Bond, $20,500; Sureties, Hartford Accident & Indemnity Co; Forfeit, none; Limit, 100 days; Plans and specifications filed.

STRUC. IRON
(1345) W NEW MONTGOMERY BET. Minna & Natoma. Structural steel and iron work for coast division building.
Owner—The Pacific Telephone & Telegraph Co., 333 Grant Ave., S. F.
Architect—J. R. Miller, T. L. Pflueger and A. A. Cantin and Engineer E. V. Cobby.
Contractor—Pacific Rolling Mill Co., Judson Mfg. Co., 172 Mississippi St. San Francisco.
Filed Mar. 24, 1924. Dated Mar. 13, 1924.
Upon receipt of steel from rolling mills $60 per ton on each shipment
1st each month 95%
Usual 35 days 5%
TOTAL COST, $478,725
Bond, $50,000; Sureties, Hartford Accident & Indemnity Co.; Forfeit, none; Limit, as soon as possible; Plans and specifications, none.

DWELLING
(1346) N ARLETA 275 E Alpha. One-story and basement frame dwlg.
Owner—James and Elizabeth Shaw, 134 Arleta St., San Francisco.
Architect—James G. Neish.
Contractor—James G. Neish, 627 Sunnyside Ave., San Francisco. $3000

DWELLINGS
(1347) E CORDOVA 50 N Munich. S SEVILLE 289 E Cordova. Two one-story and basement frame dwellings.
Owner—L. W. Grigg, 165 Cordova St., San Francisco.
Architect—None. $3000 each

DWELLINGS
(1348) W CORDOVA 158, 183 and 208 N Athens. Three one-story and basement frame dwellings
Owner—Williams & Pfeifer, 2539 Mission St., San Francisco.
Architect—None. $3000 each

ALTERATIONS
(1349) NO. 1319 EDDY. Raise flats; construct new front; concrete floor and foundations; add porches, etc.
Owner—D. M. Burns, Premises.
Architect—None.
Contractor—Otto Carson, 180 Jessie St., San Francisco. $2000

DWELLING
(1350) E GIRARD 25 N Mansell. Two story and basement frame dwelling
Owner—Mario D. Fratessa, 896 Brussel St., San Francisco.
Architect—None. $5000

DWELLING
(1351) N HOLLISTER bet Jennings and Ingalls. One-story and basement frame dwelling.
Owner—Paolo and Cora Digini, Prem.
Architect—None. $1800

DWELLING
(1352) SE KIRKHAM AND SEVENTH Ave. Two-story and basement frame dwelling.
Owner—City Realty Co., 46 Kearny St., San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco. $4000

DWELLINGS
(1353) E NAPLES 50 S Seville. E CORDOVA 75 N Munich. Two one-story and basement frame dwellings.
Owner—Julius Rudolph, 84 Cordova St., San Francisco.
Architect—None. $3000 each

FRAME FLATS
(1354) W NINETEENTH AVE 250 S Anza. Two-story and basement frame (2) flats.
Owner—C. Levy, % Contractor.
Architect—None.
Contractor—Chas. Schwarz, 185 Stevenson St., San Francisco. $6000

RESIDENCE
(1355) W PORTOLA DRIVE 109-11½ S Vicente. Two-story and basement frame residence.
Owner—R. J. Nasser, care of Architect.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Contractor—Meyer Bros., 1st Nat'l. Bk. Bldg., San Francisco. $10,000

DWELLINGS
(1356) S SEVILLE 89 and 114 E Cordova. Two one-story and basement frame dwellings.
Owner—Williams & Pfeifer, 2539 Mission St., San Francisco.
Architect—None. $300 each.

DWELLING
(1357) NW VIENNA 225 SW Excelsior One-story and basement frame dwelling.
Owner—Fred Schrepfer, 142 27th St., San Francisco.
Architect—None. $3000

DWELLING
(1358) N THORNTON AVE 25 W Flora One-story and basement frame dwelling.
Owner—J. A. Chevalier, 82 Flora St., San Francisco.
Architect—None. $2000

DWELLING
(1359) W TWENTY-THIRD AVE 34-3 S Judah. One-story and basement frame dwelling.
Owner—John E. and Ethel M. McCarthy, 1479 12th Ave, S. F.
Architect—None.
Contractor—John E. McCarthy, 1479 12th Ave., San Francisco. $3000

DWELLINGS
(1360) N TWENTY-FOURTH 176-8, 202-8, 228-8 and 254-8 W Douglas. Four one-story & basement frame dwellings.
Owner—Williams & Pfeifer, 2539 Mission St., San Francisco.
Architect—None. $3000 each

DWELLING
(1361) W THIRTY-EIGHTH AVE 190 N Geary. Two-story and basement frame dwelling.
Owner—A. R. Lapham, 6311 Geary St., San Francisco.
Architect—None.
Contractor—Lapham Bldg. Co., 6311 Geary St., San Francisco. $6000

ALTERATIONS
(1362) 500 BUCHANAN ST. Hold up with jack screws and underpin 4-story bldg. on brick piers.
Owner—E. R. Nelson, 500 Buchanan St., San Francisco.
Architect—None.
Contractor—Pearson Co., 3224 San Jose Ave., S. F. Not stated.

ALTERATIONS
(1363) 728 TREAT AVE. Raise and remodel for flats; T & G roofing; foundations, etc.
Owner—F. Ruggeri, 728 Treat Ave., San Francisco.
Architect—None.
Contractor—Mission Building Co., 612 Bosworth St., S. F. $2500

APARTMENTS
(1364) S CALIFORNIA 53-4 E 17TH Ave., 40 x 96-1. All work for 2-story and basement frame bldg., apats.
Owner—L. Biess or Briess.
Architect—J. C. Hladik, Monadnock Bldg., S. F.
Contractor—Klaus Adler, 492 22nd Ave. San Francisco.
Filed Mar. 25, 1924. Dated Mar. 19, 1924.
Roof on $6437.50
Brown coated 6437.50
Completed and accepted 6437.50
Usual 35 days 6437.50
TOTAL COST, $25,750
Bond, $12,875. Sureties, Gus May and H. A. Meyer. Forfeit. $10. Limit, 90 days. Plans and Specifications filed.
NOTE—Permit reported Mar. 15, 1924 No. 1165.

RESIDENCE
(1365) SAN ANSELMO N 335 W Santa Clara, being lot 16, blk. 5, St Francis Wood. All work for frame residence.
Owner—J. L. and Pearl M. Sydnor, 30 San Leandro, S. F.
Architect—Masten & Hurd, 168 Sutter St., S. F.

Contractor—Mangels Bros., 4792 Mission St., S. F.
Filed Mar. 25, 1924 Dated Mar. 19, 1924.
Frame up $3400
Brown coated 3800
Completed and accepted 3100
Usual 35 days 3100
TOTAL COST, $13,400
Bond, $6700. Sureties, Theresa Gamma and Jno. A. F. Steimke. Forfeit, none. Limit, 120 days. Plans and Specifications filed.
NOTE—Permit reported Mar. 25, 1924 No 1338.

CLASS C BLDG.
(1366) SW MAIDEN LANE & GRANT Ave. All work for carpenter, plastering, mill, glazing, plumbing, painting, stair, marble and cabinet work for 3-story class "C" bldg.
Owner—Sommer & Kaufmann, Inc., 119 Grant Ave., S. F.
Architect—Will H. Toepke, New Call Bldg., S. F.
Contractor—Fink & Schindler, Inc., 218 12th St., S. F.
Filed Mar. 25, 1924. Dated Mar. 21, 1924.
1st & 15th each month 75%
Usual 35 days 25%
TOTAL COST, $53,000
Bond, $18,000. Sureties, Globe Indemnity Co. Forfeit, $100. Limit as fast as required. Plans and Specifications filed.

(1367) NW JESSIE 450 SW 7th & 350 SE Market SW 50 x NW 75. Painting for 2-story class C addition and alteration to present bldg.
Owner—Recorder Printing & Publishing Co., 693 Stevenson St., S. F.
Architect—None.
Contractor — George T. Bowen, 4126 California St., San Francisco.
Filed Mar. 25, 1924. Dated Mar. 20, 1924.
Monthly 75%
36 days after 25%
TOTAL COST, $550
Bond, Forfeit, Limit, none; Plans and specifications filed.
NOTE—Permit reported Mar. 7,1924 No. 1017.

(1368) CARPENTRY ON ABOVE.
Contractor—Tomnitz & Kusich, 3321 22nd St., San Francisco.
Filed Mar. 25, 1924. Dated Mar. 24, 1924.
Payments same as above.
TOTAL COST, $6995
Bond, Forfeit, none; Limit, 30 days; Plans and specifications filed.

(1369) GLASS & GLAZING ON ABOVE
Contractor—Crowe Glass Co., 1055 Post St., San Francisco.
Filed Mar. 25, 1924. Dated Mar. 20, 1924.
Payments same as above.
TOTAL COST, $675
Bond, Forfeit, none; Limit, 10 days after notified; Plans and specifications filed.

(1370) SHEET METAL WORK ETC. on above.
Contractor—Conlin & Roberts, 414 Natoma St., San Francisco.
Filed Mar. 25, 1924. Dated Mar. 20, 1924.
Payments same as above.
TOTAL COST, $794
Bond, Forfeit, none; Limit, 15 days after notified; Plans and specifications filed.

(1371) CONDUIT & ELECTRIC WIRING on above.
Contractor—Hampton Electric & Mach. Co., 525 Howard St., S. F.
Filed Mar. 25, 1924. Dated Mar. 20, 1924.
Payments same as above.
TOTAL COST, $485
Bond, Forfeit, none; Limit, 10 days after notified; Plans and specifications filed.

(1372) ROUGH FINISH PLUMBING on above.
Contractor—J. E. O'Mara Co., 218 Clara St., San Francisco.
Filed Mar. 25, 1924. Dated Mar. 20, 1924.
Payments same as above.
TOTAL COST, $585
Bond, Forfeit, none; Limit, 20 days after notified; Plans and specifications filed.

(1373) EXCAVATION & GRADING, etc. on above.
Contractor—H. N. McClure, 608 Octavia St., San Francisco.
Filed Mar. 25, 1924. Dated Mar. 20, 1924.
Payments same as above.
TOTAL COST, $750
Bond, Forfeit, none; Limit, 15 days after notified; Plans and specifications filed.

(1374) REINFORCED CONCRETE & cement work on above.
Contractor—George Goodman Artificial Stone Co., 35 Montgomery St., San Francisco.
Filed Mar. 25, 1924. Dated Mar. 24, 1924.
Payments same as above.
TOTAL COST, $2600
Bond, Forfeit, none; Limit, 30 days after notified; Plans and specifications, none.

(1375) NW JESSIE 450 SW Seventh and 350 SE Market SW 50xNW 75. Metal partitions, lathing and plastering for two-story Class C addition and alteration to present building.
Owner—Recorder Printing & Publishing Co., 693 Stevenson St., S. F.
Architect—None.
Contractor—W. G. Gilmour, 180 Jessie St., San Francisco.
Filed Mar. 25, '24. Dated Mar. 20, '24.
Monthly payments of..... 75%
36 days after..... 25%
TOTAL COST, $460
Bond, none. Limit, 10 days after notified. Forfeit, none Plans and specifications filed.

(1376) BRICK WORK, LINTELS, joist anchors, etc., on above.
Contractor—Mealey & Collins, 180 Jessie St., San Francisco.
Filed Mar. 25, 1924. Dated Mar. 20, 1924.
Payments same as above.
TOTAL COST, $3050
Bond, Forfeit, none; Limit, 20 days after notified; Plans and specifications filed.

SIDEWALK LIGHTS, ETC.
(1377) E MARKET & BEALE NE 137-6 x SE 138-2. Sidewalk lights, sidewalk elevator doors and sidewalk elevator door guards for new general office bldg.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor—P. H. Jackson & Co., 415 Bryant St., San Francisco.
Filed Mar. 25, 1924. Dated Mar. 18, 1924.
Completed and accepted 75%
Usual 35 days 25%
TOTAL COST, $2898
Bond, $1500; Sureties, The Aetna Casualty & Surety Co.; Forfeit, none; Limit 15 days; Plans and specifications filed.

ALTERATIONS
(1378) NE CHURCH & THIRTIETH. Remodel store front; ratproofing plaster fronts; painting and paper hanging for stores and flats.
Owner—Dr. A. W. Morton, 1055 Pine St., San Francisco.
Architect—None.
Contractor—Fontanella & Teza, 41 Sheridan St, S. F. $4650

(1379) NW MADRID AND ITALY. One-story and basement frame dwelling.
Owner—Eaton & Smith, 715 Ocean Ave., San Francisco.
Architect—Mr. Harper, 150 Montgomery St., S. F. $2000

ALTERATIONS
(1380) NO. 2859 MISSION. New store front; rearrange kitchen and bath in flats; other changes.
Owner—S. V. Tarintino, 3679 19th St., San Francisco.
Architect—None.
Contractor—W. J. Black, 1306 Guerrero St., San Francisco. $4000

DWELLING
(1381) N NEY 275 W Congdon. One-story and basement frame dwelling
Owner—William Metter, 173 Ney St, San Francisco.
Architect—Alfred J. Kroquist, 725 Elizabeth St., San Francisco.
Contractor—Kronquist & Jacobson, 725 Elizabeth St., S. F. $3500

RESIDENCE
(1382) W NINETEENTH AVE 125 N Lake. Two-story and basement frame residence.
Owner — Phillip Zimmerman, 2409 Howard St., San Francisco.
Architect—Will H. Toepke, 714 Call Bldg., San Francisco.
Contractor—A. H. Wilhelm, 180 Jessie St., San Francisco. $25,000

APARTMENTS
(1383) SE QUANE AND TWENTY-second. Two-story and basement frame (4) apartments.
Owner—Henry Newsom, 108 Fair Oaks St., San Francisco.
Architect—None.
Contractor—O. E. Carlson, 180 Jessie St., San Francisco. $8000

HOTEL
(1384) S POST 50 E Taylor. One-story and basement Class C hotel.
Owner—Mr. and Mrs. Francis McAllister.
Architect—Wm. Gunnison, 57 Post St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $40,000

FACTORY
(1385) E POTRERO — N Army. Steel frame factory.
Owner—Jewell Steel & Malleable Co., 1375 Potrero Ave., San Francisco.
Architect — August G. Headman, 747 New Call Bldg., San Francisco $3000

ADDITION
(1386) W UTAH 100 S Fifteenth. One story brick addition to warehouse.
Owner—Abel Hosmet, 62 Post St., San Francisco.
Architect—John H. Powers and John H. Ahnden, 460 Montgomery St., San Francisco.
Contractor—John Biller, 460 Montgomery St., San Francisco. $10,500

DWELLING
(1387) NW SILLIMAN AND SOMERset. One-story and basement frame dwelling.
Owner—Denver L. Lawrence, 7 Edna St., San Francisco.
Architect—None. $2500

DWELLING
(1388) W TWENTY-FOURTH AVE 100 S Irving. One-story and basement frame dwelling
Owner—E. Vigen, 825 Monadnock Bldg. San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., S. F. $3800

APARTMENTS
(1389) NW CALIFORNIA AND 14TH Ave. 3-story and basement frame (6) apartments.
Owner—Strand & Strand, care or Architects.
Architect—Baumann & Jose, 251 Kearny St., S. F. $18,000

DWELLINGS
(1390) NW FORTY-SEVENTH AVE and Fulton St. ;NE Fulton and 48th Ave.; N Fulton 82-6, 107-6 and 132-6 E 48th Ave. Five 1-story and basement frame dwelings.
Owner—Gustave Moelier, 2221 Clement St., S. F.
Architect—None.
Contractor—Meyer Bros., 603 First National Bank Bldg., S. F. $4000 each

ALTERATIONS
(1391) 1100, 1102, 1104, 1104A, 1106, 1106A, 1108 and 1110 Divisadero St. Remodel for private garage quarters.
Owner—John Kroger, 568 Dewey Blvd., San Francisco.
Architect—None.
Contractor—Geo. M. Merritt Bldg. Co., Inc., 3014 Geary St., S. F. $1200

APARTMENTS
(1392) S PINE 137 E MASON. Four-story and basement class C (16) apartments.
Owner—Ernest Johnson, 581 Belvedere St., S. F.
Architect—Baumann & Jose, 251 Kearny St., S. F. $60,000

APARTMENTS
(1393) E JONES 50 N SUTTER. Six-story and basement steel frame reinforced concrete (22) apartments.
Owner—M. A. Laurens, care of Architect.
Architect—Albert J. Fabre and Ernest H. Hildebrand, 110 Sutter St., S. F. $75,000

FLATS
(1394) W TWENTY-EIGHTH AV. 300 N Clement 25 x 120. All work for 2-story frame building (flats).
Owner—Henry L. & Blanche Porter, 5214 Geary St., San Francisco.
Architect—Edw. E. Manseau, 647 Clayton St., San Francisco.
Contractor—Edw E. Manseau 647 Clayton St., San Francisco.

Filed Mar. 26, 1924. Dated Mar. 17, 1924.
Roof on $2750
Brown coated 2750
Completed and accepted..... 2750
Usual 35 days 2750
TOTAL COST, $11,000
Bond, none; Forfeit, $1; Limit, 120 days
Plans and specifications filed.

RESIDENCE
(1395) NW NINETEENTH & MISSOURI N 50 W 100. All work for framo residence.
Owner—The Roman Catholic Archbishop of S. F., 1100 Franklin St., S. F.
Architect—John J. Foley, 701 Rhode Island, San Francisco.
Contractor—J. J. Finegan, 3344 Army St., San Francisco.
Filed Mar. 26, 1924. Dated Mar. 8, 1924.
1st each month 75%
Usual 35 days 25%
TOTAL COST, $21,000
Bond, $10,500; Sureties, Continental Casualty Co.; Forfeit, none; Limit, 125 days; Plans and specifications filed.
NOTE—Permit reported March 21, 1924, No. 1280.

BUILDING
(1396) NE HARRISON & LANGTON All work for 1-story class C reinforced concrete building.
Owner—Merton J. Price, 850 Pacific Hotel, San Francisco.
Architect — Dodge A. Reidy, Pacific Bldg., San Francisco.
Contractor—Otto Johnson.
Filed Mar. 26, 1924. Dated Mar. 24, 1924.
Footings poured $1000
Form work 50% completed..... 2225
Concrete all poured 2000
Completed and accepted 1450
Usual 35 days 2225
TOTAL COST, $8900
Bond, $4450; Sureties, J. E. O'Mara and John Cassaretto; Forfeit, none; Limit, 40 days; Plans and specifications filed
NOTE—Permit reported Mar. 19, 1924 No. 1232.

BUNGALOW
(1397) E THIRTY-EIGHTH AVE. 150 N Cabrillo N 25 x E 120. All work except window shades and light tixtures for 1-sto frame bungalow.
Owner—Mrs. Mary J. Nagle.
Architect—Philip Schwerdt, 2920 Jackson St., San Francisco.
Contractor—A. F. Anderson, 1735 10th Ave., San Francisco.
Filed Mar. 26, 1924. Dated Mar. 26, 1924.
Frame up $1000
Brown coated 1500
Ready for painting 875
Completed and accepted 875
Usual 35 days 1450
TOTAL COST, $3700
Bond, none; Forfeit, $5; Limit, 60 days; Plans and specifications filed.

FLATS
(1398) W TWENTY-FOURTH AV. 150 S Cabrillo W 120 x S 25. All work for 2-story and basement frame building (flats).
Owner—Wm. & Rosa Fauser, 3751 17th St., San Francisco.
Architect—None.
Contractor—John V. Stiefel, 184 23rd St., San Francisco.
Filed Mar. 26, 1924. Dated Mar. 20, 1924.
Frame up $2870
Brown coated 2870
Completed and accepted 2870
Usual 35 days 2870
TOTAL COST, $11,180
Bond, $5740; Sureties, Nicolaus Hesse & Mike Slattery; Forfeit, none; Limit, 120 days; Plans and specifications, filed
NOTE—Permit reported Mar. 19, 1924 No. 1243.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Mar. 21, 1924—SE O'FARRELL AND Powell E 62-6 S 87-6 E 50 S 50 W 112-6 N 137-6. United Stores Realty Corp to Regan Estate Co.....Mar. 17, 1924

Mar. 21, 1924—LOTS 26, 27, 28 AND 29 Blk 2981, Merritt Terrace Emil Nelson to whom it may concern.....Mar. 21, 1924

Mar. 21, 1924—E BENNINGTON 25-1 N Highland Ave N 25x100. Mary R Dickson to C J Carlson Mar. 21, '24

Mar. 21, 1924—N GREENWICH bet. Laguna and Buchanan. Mathilda and Adolph Spandau to T L Sharman.....Mar. 19, 1924

Mar. 21, 1924—LOT 25 BLK 21, Crocker Amazon Tract. Crocker Estate Co to whom it may concern .....Mar. 18, 1924

Mar. 21, 1924—SW PTN LOT 23 BLK 6417 3 75 ft. in width and all Lot 24 Blk 6417, Crocker Amazon Tct. Crocker Estate Co to whom it may concern.....Mar. 18, 1924

Mar. 21, 1924—NE PTN LOT 23 BLK 6417 26.25 ft. in width and SW Ptn Lot 22 Blk 6417 7.50 in width, Crocker Amazon Tct Sub 2. Crocker Estate Co to whom it may concern.....Mar. 18, 1924

Mar. 21, 1924—LOT 10 BLK 6441, Crocker Amazon Tract Sub No. 2. Crocker Estate Co to whom it may concern.....Mar. 18, 1924

Mar. 21, 1924—SW QUESADA AVE 300 NW Lane NW 50xSW 100. Richard F Cassidy and Philip H Cummins to whom it may concern .....March 20, 1924

Mar. 21, 1924—W SCOTT 62-6 S Page S 25xW 100. Thos J O'Connor to Louis Johnson.....Mar. 20, 1924

Mar. 21, 1924—E FORTY-THIRD AV 100 S Judah Frank Malloy to Thomas M Jones .....Mar. 21, 1924

Mar. 20, 1924—E TWENTIETH AVE 125 S Noriega S 25xW 1100. Thos F Mitchell to Thomas F Mitchell & Son.....Feb. 1, 1924

Mar. 20, 1924—E TWENTIETH AVE 100 S Noriega S 25xW 100. Mary Miley to Thomas F Mitchell.....Feb. 1, 1924

Mar. 20, 1924—N JUDAH 100 W 15th Ave W 27-6xN 100. Rose Lipman to Meyer Bros.....Mar. 19, 1924

Mar. 20, 1924—SE FIFTH & JESSIE E 125 S 160 W 75 N 85 W 50 N 75. The Pickwick Corp to Vukicevich & Bagge.....Mar. 19, 1924

Mar. 20, 1924—SW ELLIS AND BUchanan. B Getz to Morrow & Garren.....Feb. 25, 1924

Mar. 20, 1924—N GEARY 110 W Larkin B Getz to Meyer Bros.....March 5, 1924

Mar. 20, 1924—COM. 275 E from NE Cor. 4th and Bryant N 80xE 33-9. Meyers & Schwartz to Louis J Cohn.....Mar. 20, 1924

Mar. 20, 1924—N MAGELLAN AVE 168 W Sola Adolph Mingst to C P Parker.....Mar. 3, 1924

Mar. 20, 1924—W TWENTY-EIGHTH Ave 225 N Clement N 50xW 120 No. 335-57-59-61 28th Ave. Edward E Manseau to whom it may concern .....Mar. 20, 1924

Mar. 20, 1924—W THIRD 100-1½ S Paul Ave S 25-0⅜ W 109-3 N 25 E 110-6½ Lot 2 Blk 1, Garden Tract ild Assn. Rosa Chiolino to T Sourich and S Ferrera.....Mar. 15, 1924

Mar. 20, 1924—E FOLSOM 150 N 22nd N 36xE 122-6. John H Hall to C Penny.....Mar. 14, 1924

Mar. 20, 1924—E FOURTH AVE 225 N Anza N 25xE 120. Mima Dominguez to Daniel Cameron .....March 15, 1924

Mar. 22, 1924—LOT 14 BLK 2976 Lot 36 Blk 2975, Merritt Terrace. St. George Holden to whom it may concern .....Mar. 21, 1924

Mar. 22, 1924—LOT 10 BLK 20, St. Francis Wood Extn No. 2. Westgate Park Co to whom it may concern.....Mar 20, 1924

Mar. 22, 1924—PTN LOTS 38 AND 39 Blk 19; Ptn Lots 37 and 38 Blk 19, Forest Hill. O M Hueter to Boxton & Zwieg.....Mar. 21, 1924

Mar 22, 1924—W FOLK 60 S Post S 20xW 55. Richard J O'Brien to Kiernan & O'Brien.....Mar. 21, 1924

Mar. 22, 1924—S ROLPH 109-6 E Newton. E J Hargrave to whom it may concern.....Mar. 22, 1924

Mar. 22, 1924—S ROLPH 134-6 E Newton. E J Hargrave to whom it may concern.....Mar. 22, 1924

Mar. 22, 1924—SW FRANKLIN AND Bay S 40xW 112-6. Axel A Johnson to whom it may concern.....Mar. 17, 1924

Mar. 22, 1924—E TWENTY-SECOND Ave 135 S Cabrillo S 25xE 120. Ayrd O Smith to whom it may concern.....Mar 21, 1924

Mar. 24, 1924—S OCEAN AVE 25.88 NW Brighton NW 77.64 S 125.2 N 105.1. Joseph Pasqualetti to whom it may concern.....Mar. 22, 1924

Mar. 24, 1924—W MISSION AND Ecker SW 47 NW 112-6 SW 47 NW 75 NE 94 SE 187-6. Lucy H and Edith W Allyne to Chas Stockholm .....Mar. 17, 1924

Mar. 24, 1924—NE POWELL AND Post N 137-6xE 162-9. Wm M and Mary E Fitzhugh to San Francisco Compressed Air Cleaning Co.....March 10, 1924

Mar. 24, 1924—LOT 7 BLK 3190, Westwood Park. Henry W and Margaret B Dickow to Hans Nelson .....Mar. 21, 1924

Thermo-Syphon Sol. T699H-N

Mar. 24, 1924—E TENTH AVE 175 N Lawton N 120xE 75. Dahlberg & Peterson to whom it may concern .....Mar. 24, 1924

Mar. 24, 1924—N FULTON 107-6 W 24th Ave W 50xN 100. Patrick J Feerick to whom it may concern .....March 24, 1924

Mar. 24, 1924—E TWENTY-FOURTH Ave 118-6 S Balboa S 25xE 120. J F Dowling to whom it may concern .....March 24, 1924

Mar. 24, 1924—E FIFTEENTH AVE 250 N Irving 50x127-6. S R Anderson to whom it may concern.....March 24, 1924

Mar. 24, 1924—PTN LOTS 43 AND 44 Blk D Mission Terrace. Walter E and Marget Hansen to whom it may concern.....Mar. 21, 1924

Mar. 24, 1924—N CORDOVA 75 E Seville. Julius Rudolph to whom it may concern.....Mar 20, 1924

Mar. 24, 1924—W NINTH AVE 225 S Balboa S 25xW 120. H O Lindeman to W R Lindeman.....Mar. 24, 1924

Mar. 24, 1924—W NINTH AVE 200 S Balboa S 25xW 120. H O Lindeman to W R Lindeman.....Mar. 24, 1924

Mar. 25, 1924—W NINTH AVE 325 S Geary S 25xW 120. R J Stemple to Stemple & Cooley.....Mar. 21, 1924

Mar 25, 1924—E PLYMOUTH AVE 200 N Grafton Ave. Nicola & Veta Curia to Harry Erickson. Mar. 24, '24

Mar. 25, 1924—W TWENTY-SECOND Ave 260 S Geary S 25xW 120. Klaus and Rosa Adler to whom it may concern.....Mar. 24, 1924

Mar. 25, 1924—S FARNASSUS AVE 100 W Schrader W 25xS 120. Ella M Sexton to Theo S Hoin. Mar. 24, '24

Mar. 25, 1924—E TWENTY-SECOND Ave 200 S Lincoln Way S 100xE 120 A C Davis to Meyer Bros. Mar. 20, '24

Mar. 25, 1924—W TWENTY-THIRD Ave 315 S Judah S 25xW 110-7. Ella Cox to whom it may concern .....March 20, 1924

Mar. 25, 1924—E TWENTY-FIFTH Ave 175 N Judah N 25xE 120. Mary E Carroll to W H Walthall.....March 1, 1924

Mar. 25, 1924—SW CONCORD 60 NW Morse 30x90 Lot 99 Bernal Hd Tr. Robert Hill to whom it may concern.....March 24, 1924

March 26, 1924—SW 25TH AVE. and Balboa. Harry L. Sandow to whom it may concern .....March 26, 1924.

March 26, 1924—NE GEARY and 36th Ave. E 32-6 x N 100. A. R. Lapham to whom it may concern.....March 26, 1924.

March 26, 1924—S STAPLES 308-4 E Edna E 33-4 x S 112-6. George B. Lewis to whom it may concern.....Feb. 29, 1924.

March 26, 1924—S STAPLES 275 E Edna E 33-4 x S 112-6. George B. Lewis to whom it may concern.....Feb 29, 1924.

Mar. 26, 1924—W HOWARD 147-6 SW Mary SW 25xNW 100. Lawrence A Myers to whom it may concern.....Mar 20, 1924

Mar. 26, 1924—S NORIEGA 82-6 E Ninth Ave 25x100. Edw & Evelyn Keenan to S Tadd.....

Mar. 26, 1924—LOT 14 BLK 3171 Westwood Park. Hans and Esther E Nelson to whom it may concern .....March 21, 1924

Mar. 26, 1924—S STAPLES 408-4 E Edna E 33-4xS 112-6; S Staples 375 E Edna E 33-4xS 112-6; S Staples 341-8 E Edna E 33-1xS 112-6. Geo B Lewis to whom it may concern .....Feb. 29, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Mar. 20, 1924—NW O'FARRELL AND Powell N 25 W 73 N 43-9 E 73 N 68-9 W 137-6 S 137-6 E 137-6. Ginsberg Tile Co vs Harriet Wheeler, Mary T Reed, Bertha S Wilkins, Mabelle B Lucas, Harvey M Toy and Chas Schmitz.....$761.17

Mar. 20, 1924—NW HANOVER 128 NE Lowell NE 25xNW 106-6. Reinhart Lumber & Planing Mill Co vs N E Lutz, H C and Mabell Pinkerton.....$991.16

March 19, 1924—E THIRTY-FOURTH Ave. 350 S Geary S 65 x E 120. H. S. Thomson vs G. Buono & S. Camelia $130.83
Mra. 22, 1924—S TURK 187-6 W Taylor W 87-6xS 137-6. Otis Elevator Co vs Thas McDougall and A E Smith, J S Fennell, R A Chisholm and J E Fennel: (as Atlas Concrete Co) $375
Mar. 24, 1924—E FORTY-FIRST AVE 109 S Anza S 26-4xE 120. Wm F McHugh vs Charles Ganzert.....$70
Mar. 24, 1924—NE LARKIN AND Sutter N 87-6xE 57-6. Joseph Musto Sons-Keenan Co vs Peter Fradley, J P. Connell, P W Meherin and Fennell & Chisholm $806
Mar. 25, 1924—N HANOVER 50 E Lowell E 50x200. Goodhar Goodwin Co vs H C Pinkerton....$136.75
March 26, 1924—W SANCHEZ 30 N Jersey W 101-9 N 26 E 101-9 S to beg. M. G. Peek vs. Andrew V. Johnson and Vera Doe Johnson.$859.
March 29, 1924—NE LARKIN AND Sutter N 87-6 x E 57-6. T. I. Butter Co. vs. Atals Concrete Co., A. E. Smith, R. A. Chisholm, Atlas Concrete Co., Fennell & Chisholm, Peter Bradley, J. E. Connell and P. W. Meherin $498.25
March 26, 1924—NE BOSWORTH 75 NW Diamond NW 25 x NE 100. Spring Valley Lumber Yard vs. Sam and Concettina Ganci, E. and Concettina Massino .....
March 26, 1924—NE SUTTER AND Larkin N 87-6 x E 57-6. Michel & Pfeffer Iron Works vs. Peter Bradley, J. E. Connell, P. W. Meherin and Fennell & Chisholm $792.00

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
Mar. 20, 1924—E CHERRY 119-6¾ N Washington N 40xE 117-6. Art Tile & Mantel Co, Richmond Concrete Co, August Dackert & Co, Gilley Schmid Co to Helen S Levy.....
Mar 20, 1924—LOT 16 BLK 24, Castro St. Addn. Reinhart Lumber & Planing Mill Co to L P Smith, John A and Catherine Driscoll.....$300
Mar. 21, 1924—W DIVISADERO 100 N Golden Gate Ave W 125xN 50. American Trading Co of the Pacific Coast to Stanley W Morshead and Frank Neubert .....
Mar. 20, 1924—W GUERRERO 33 N Dorland N 25xW 80. John T Kunst to Thomas W Sullivan.....
Mar. 20, 1924—W GUERRERO 33 N Dorland N 25xW 80. Anderson & Rowe to Fred S Johnson and Thos W Sullivan $229
Mar. 22, 1924—W GUERRERO 33 N Dorland N 25xW 120 Ptn M B-79. Hanley & McCrellis to Fred S Johnson & Thos W Sullivan....$350
Mar. 22, 1924—SE SACRAMENTO & Powell E 157-6 S 82 W 20 N 13-3 W 137-6 N 68-95. Kenneth MacDonald Jr and Maurice G Couchot to Sacramento-Towell Co, Corpn.....$3750
Mar. 22, 1924—W GUERRERO 33 N Dorland N 25xW 80. Acme Lumber Co to Thos W Sullivan or John J Sullivan & Fred S Johnson..$523.21
Mar. 22, 1924—W GUERRERO 33 N Dorland N 25xW 80. Frank Portman to Thos W Sullivan and Fred S Johnson .....
March 24, 1924—N OAK 247-3 W Van Ness W 63-9 x W 120 to Hickory. J. E. Higgins Lumber Co. to The Young Men's Institute Hall Association .....
Mar. 25, 1924—N LAKE 90 W 12th Ave W 30xN 72. Leonard Lumber Co to John H Kohlmoos and H J Hansen .....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

Mar. 20, 1924—NW HAIGHT AND Cole W 226xN 120. M J Getz and D Hallahan as to improvements on property .....
Mar. 14, 1924—SE MARKET 78 NE Sixth NE 98-6xSE 170. Lesser Realty & Invst Co as to improvements on property.....
Mar. 25, 1924—NW MARKET 90-7½ SW Kearny English Investment Co as to improvements on property

RELEASE OF BLDG. CONTRACT.

SAN FRANCISCO COUNTY

Mar. 20, 1924—S POST 50 E Taylor 40 $75. Maria and Francis Mc-Allister with Barrett & Hilp.
Mar. 25, 1924—CANCELLATION OF Building Contract recorded March 13, 1924. Richard A Tobin and Elmer B Stone with McKeller & Son.

ARCHITECT'S CERTIFICATE

March 26, 1924—Charles F B. Roeth and Henry S. Collins.....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
1552	Oebi	Owner	2000
1553	Robertson	Barr	7815
1554	Bond	Metz	1000
1555	Lewis	Owner	10500
1556	Carlson	Owner	4950
1557	Prinderville	Burke	3500
1558	Ernst	Muther	1000
1559	Olson	Franzew	4500
1560	Bordish	Reliance	12800
1561	Alder & Clark	Owner	3500
1562	Mackay	Foster	3500
1563	Lillienerantz	Owner	18000
1564	Lund	Owner	1000
1565	Smith	Owner	2850
1566	St. Mary	Owner	7000
1567	Cook	Nickerson	3200
1568	Nichelson	Hewitt	2000
1569	Boodt	Owner	4000
1570	Haulman	Owner	2100
1571	Gooden	Owner	6000
1572	Hauschild	Falk	3200
1573	Kearny	Thompson	12600
1574	Alldridge	Owner	2800
1575	Code	Owner	7000
1576	Noble	Owner	8000
1577	Fahy	Frostholm	6800
1578	Kuhlken	Shinkey	2700
1579	Felt	Owner	2500
1580	Meyers	Heath	4000
1581	Beadell	Owner	6000
1582	Carlson	Owner	3000
1583	Dicker	Sage	3950
1584	Fisher	Buckland	2300
1585	Hampton	Anderson	5000
1586	Brooks	Brooks	3850
1587	Jaines	McDonnell	2300
1588	Goodmundsen	MacGregor	7300
1589	Allen	Owner	1000
1590	Patterson	Owner	4000
1591	Teicheira	Owner	4000
1592	Emille	Ashinger	1750
1593	Pendleton	Owner	6500
1594	Kuraisa	Corey	2500
1595	Bechtel	Owner	1000
1596	Rose	Kulchar	1000
1597	Baldwin	Owner	2000
1598	Kopperud	Webb	2000
1599	Anderson	Owner	3000
1600	Cunningham	Rogers	1200
1601	Fahy	Frostholm	6800
1602	Crassen	Brown	3000
1603	Kravigance	Owner	3000
1604	Mills	Owner	2600
1605	Smith	Graff	20000
1606	Berck	Hyde	16000
1607	Cheney	Knight	20774
1610	Johansen	Owner	6000
1611	Sheridan	Wolf	4000
1612	Johansen	Owner	2000
1613	Shoong	Anderson	22500
1614	Johansen	Owner	21000
1615	Riley	Logan	3800
1616	Day	Cederborg	8567
1617	Parish	Bartlett	17388
1618	Hufschmidt	Owner	11250
1619	Arnold	Blean	4000
1620	Brown	Owner	9000
1621	McGee	Fox Bros.	2975
1622	Madison	Mason	4000
1623	Churchill	Mason	8000
1624	Latour	Hastings	3000
1625	Jones	Estey	29895
1626	Christey	Jewett	14000
1627	Kourts	Bishop	1175
1628	Linkan	Johnson	4000
1629	Maxam	Knight	39000
1630	Murray	Butzbacke	4000
1631	Ruedy	Warner	5000
1632	Damgaard	Owner	2500
1633	Knight	Owner	17000
1634	Monson	Mullen	18000
1635	Villinn	Owner	3000
1636	Jones	Mills & Jones	3500
1637	Saroni	Pond	3200
1638	McDonald	Owner	8000
1639	Bernstein	Meyers	2000
1640	Damgaard	Owner	3000
1641	Wisecarver	Scott	8375
1642	Blair	Pedersen	1718
1643	Camestra	Garella	3900
1644	Bragg	Owner	3000
1645	Lapham	Owner	3750
1646	Diffenderfer	Sconyers	4800
1647	Day	Cederborg	8567
1648	Stolte	Owner	3400
1649	Lorenz	Lyon	7332
1650	Lagerson	Rich	4000
1651	Stolte	Owner	7500
1652	Eustice	Leotis	2500
1653	Petersen	Livingston	1000
1654	Kiefer	Starr	1800
1655	Illich	Starr	1000
1656	Hall-Scott	Owner	5310
1657	Beneditti	Owner	5000
1658	Fish	Owner	4000
1659	Cramer	Owner	2750
1660	Konsterud	Arton	4000
1661	Acme	Murack	4500
1662	Adams	Mattison	3000
1663	Schmitz	Owner	1000
1664	McIntier	Owner	5000
1665	Hoover	Neel	1500
1666	Bandz	Owner	4000
1667	Taylor	Baird	7900
1668	Healy	Eleson	2500
1669	Grunewald	Owner	2900
1670	Leisure	Johanson	6500
1671	Green	Johnson	1800
1672	Burritt	Owner	5000
1673	McCown	Thaxter	9000
1674	Kahn	McDonald	3000
1675	Clauson	Owner	4000
1676	Sullivan	Burk	3800
1677	Leamer	Woodard	5000
1678	Greenwood	Leiter	16750
1679	Calif. Pack.	Owner	2500
1680	Brown	Owner	3800
1681	Koenig	Pratt	3500
1682	Graham	Owner	3750
1683	Pac. Gas.	Owner	60000
1684	Stripble	Anderson	3600
1685	Swayne	Thorpe	1500
1686	Justice	Davis	3500
1687	Goodenn	Owner	4000
1688	Kaliski	Roth	36000
1689	Linderman	Reite	4000
1690	Cheney	Knight	18000
1691	Smith	Knight	16000
1692	Monsch	Mullin	18063
1693	Bayes	Hanson	10400
1694	Lilienerantz	Peterson	18700
1695	Ericson	Anderson	6882
1696	Anderson	Marshall	6150

DWELLING
(1552) 2844 CALIFORNIA, Berkeley. 1-story 4-room dwelling.
Owner—Frederick Oebi, 1547 Russell St., Berkeley.
Architect—None. $2000

DWELLING
(1553) 1526 EUCLID, Berkeley. 2-sto. 5-room dwelling.
Owner—Geo. M. Robertson.
Architect—C. C. Dakin.
Contractor—Barr & Son, 306 26th St., Oakland. $7815

OVEN
(1554) 1587 SOLANO, Berkeley. Bakery oven.
Owner—E. Band.
Architect—None.
Contractor—Paul Metz, 855 44th St., Berkeley. $1000

APARTMENT
(1555) 1543 SPRUCE ST., Berkeley. 2-story 12-room apartments and garage.
Owner—C. C. Lewis, 2239 Cedar St., Berkeley.
Architect—None. $10,500

DWELLING
(1556) 849 THE ALAMEDA, Berkeley. Two-story 6-room dwellling and garage.
Owner—Victor Carlson, 792 Nielson St., Berkeley.
Architect—None. $4950

DWELLING
(1557) 1220 SIXTY-SIXTH ST., Berkeley. 1-story 5-room dwelling and garage.
Owner—M. Prinderville, 1133 Carlton, Berkeley.
Architect—None.
Contractor—F. S. Burke, 3101 Eastman Ave., Oakland. $3500

DWELLING
(1558) 624 ALVARADO RD., Oakland. 1-story 2-room dwelling.
Owner—F. C. Ernst, 211 40th St., Oakland.
Architect—None.
Contractor—G. W. Muther, 5519 Thomas St., Oakland. $1000

DWELLING
(1559) E COLE ST. 162 N Ygnacio, Oakland. 1-story 5-room dwelling.
Owner—Capt. Otto Olson.
Architect—None.
Contractor—Carl H. Franzen, 2415 99th Ave., Oakland. $4500

APARTMENTS
(1560) N ENTRADA AVE. 120 E Piedmont. Oakland. 2-story 16-room apartments.
Owner—B. G. Bowdish, 4224 Piedmont, Oakland.
Architect—None.
Contractor—Reliance Bldg. Co., 1626 Castro St., Oakland. $12,800

DWELLING
(1561) S FLORIDA ST. 70 W Maple Oakland. 1-story 5-room dwelling.
Owner—Alder & Clark, 2907 Florida St. Oakland.
Architect—None. $3500

DWELLING
(1562) NE HIGHLAND AVE. & E-24th St., Oakland. 1-story 5-room dwelling.
Owner—J. H. Mackay, Dalziel Bldg., Oakland.
Architect—None.
Contractor—H. Foster, 3735 Maple Ave. Oakland. $3500

RESIDENCE
(1563) E McCLURE 185 N 29th St., Oakland. 2-story 14-room residence
Owner—Dr. A. Lilliecrantz, 1739 Central Ave. Alameda.
Architect—Edw. T. Foulkes, 357 12th St., Oakland. $18,000

ALTERATIONS
(1564) 3803 MIDVALE AVE., Oakland. Alterations.
Owner—J. Lund, premises.
Architect—None. $1000

ALTERATIONS
(1565) 3015 PARK BLVD., Oakland. Alterations.
Owner — Mary R. Smith Trusts, 1125 Cottage Ave., Oakland.
Architect—None. $2850

DWELLINGS
(1566) E EIGHTY-SIXTH AVE. 234 268 S Blanche, Oakland. 2 1-story residences.
Owner—Joe St. Mary, 9415 E 14th St., Oakland.
Architect—None. $3500 each

DWELLINGS
(1567) 2028 2032 EIGHTY-NINTH AV. Oakland. 2 1-story 3-room dwlgs.
Owner—P. J. Cook, 1316 9th Ave., Oakland.
Architect—None.
Contractor—G. E. Nickerson. $1600 ea.

DWELLING
(1568) 1906 NINETY-FOURTH AVE., Oakland. 1-story 3-room dwelling.
Owner—John Nichelson, Red Mluff.
Architect—None.
Contractor—C. L. Hewitt, 8821 E-14th St., Oakland. $2000

DWELLING
(1569) 3215 BAYO VISTA, Alameda. 1-story 5-room dwelling.
Owner—Jacob Boodt, 1375 Pearl St., Oakland.
Architect—None. $4000

DWELLING
(1570) 1243 BROADWAY, Alameda. 2-story 4-room dwelling.
Owner—P. R. Houlman, 1708 High St., Oakland.
Architect—None. $2100

DWELLINGS
(1571) 1060 CENTRAL, Alameda. Two 1-story 5-room dwellings.
Owner—J. J. Gooden, 1011 Santa Clara, Alameda.
Architect—None. $3000 each

DWELLING
(1572) 2041 ENCINAL, Alameda. 1-sto. 4-room dwelling.
Owner—J. Hauschild, 1119 Union St., Alameda.
Architect—None.
Contractor—Chas. W. Falk, 1520 E 28th St., Oakland. $3200

DWELLINGS
(1573) NW FERNSIDE & BRIGGS; 13 FERNSIDE BLVD., BETWEEN Briggs and Encinal, Alameda. 3 1-story 4-room and 5-room dwlgs.
Owner—Mrs. J. G. Kearney, 1332 High St., Alameda.
Architect—None.
Contractor — Harvey Thompson, 878 Cedar St., Alameda. $4200 each

DWELLING
(1574) 3108 JACKSON, Alameda. 1-story 4-room dwelling.
Owner—Hattie Alldridge, 1116 E 22nd St., Oakland.
Architect—None. $2800

APT. & STORES
(1575) 2404 LINCOLN, Alameda. 1-sto. apt. and stores.
Owner—Ida Code, premises.
Architect—None. $7000

DWELLINGS
(1576) 1028 PEARL, Alameda. Two 1-story 5-room dwellings.
Owner—G. H. Noble, 1336 Park St., Alameda.
Architect—None. $4000 each

DWELLING
(1577) 72x100 S SIDE SIXTY-SECOND St. 100 W Baker St., Oakland. Two-story 5-room dwelling, including fence and concrete drives.
Owner—John T. Fahy, 847 32nd St., Oakland.
Architect—None.
Contractor — H. M. Frostholm, 877 Lakeshore Ave., Oakland.
Filed Mar. 20, 1924. Dated Mar. 12, 1924.
Frame up ..... ¼
1st coat plaster on ..... ¼
Completed and accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $6800
Bond, none; Forfeit, $1 day; Limit, 90 working days after Mar. 20, 1924; Plans and specifications filed.

DWELLING
(1578) N. 1124 ALLSTON WAY, Berkeley. One-story 4-room dwlg.
Owner—Mrs. N. Kuhlken, 1807 Addison St., Berkeley.
Architect—None.
Contractor—Shinkey & Breining, 3640 Maple Ave., Berkeley. $2700

DWELLING
(1579) NO. 768 MIRAMAR, Berkeley. One-story 4-room dwelling and garage.
Owner — R. D. Felt, 1728 Channing, Berkeley.
Architect—None. $2500

DWELLING
(1580) NO. 1521 THOUSAND OAKS Blvd., Berkeley. One-story 6-room dwelling.
Owner — Wm. Meyers, 3925 West St., Berkeley.
Architect—None.
Contractor—G. R. Heath, 2113 University Ave., Berkeley. $4000

DWELLING
(1581) NO. 1849 THOUSAND OAKS Blvd., Berkeley. One-story 6-room dwelling and garage.
Owner—R. Beadell and Geo. J. Lane, 909 Spruce St, Berkeley.
Architect—None. $6000

DWELLING
(1582) NO. 1351 WARD ST. Berkeley. One-story 5-room dweleing and garage.
Owner — Carlson & Lundblad, 1820 Fairview St., Berkeley.
Architect—None. $3000

DWELLING
(1583) NO. 2922 WHEELER ST., Berkeley. One-story 5-room dwelling and garage.
Owner—Mrs. Dicker.
Architect—None.
Contractor—J. L. Sage, 830 45th St., Oakland $3950

DWELLING
(1584) 1306 SIXTY-FIRST AVE., Oakland. 1-story 4-room dwelling.
Owner—G. E. Fisher, 1227 53rd Ave., Oakland.
Architect—None.
Contractor—N. J. Buckland, 1801 89th Ave., Oakland. $2300

DWELLING
(1585) NE ATHOL AVE AND McKinley, Oakland. 1-story 6-room dwelling.
Owner—Chris. Hampton.
Architect—H. R. Hewelke.
Contractor—A. F. Anderson, 2800 Delaware St., Oakland. $5000

DWELLING
(1586) 2942 CALIF., Oakland. 1-story 5-room dwelling.
Owner—F. W. Brookes, 3456 Fruitvale Oakland.
Architect—None.
Contractor—W. R. Brookes, 2921 Calif., Oakland. $3850

REPAIRS
(1587) 5826 CHABOT RD., Oakland. Repairs.
Owner—W. H. Jaines, premises.
Architect—None.
Contractor — MacDonnell & Foreman, 1686 Shattuck Ave., Berk. $2300

DWELLING
(1588) S CLARENDON CRESCENT 429 N Mandana, Oakland. 2-story 7-room dwelling.
Owner—A. K. Goodmundsen, 2140 San Pablo, Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $7300

DWELLING
(1589) DIMOND ACRES, Oakland. 1-story 4-room dwelling.
Owner—V. A. Allen, 2411 Hopkins St., Oakland.
Architect—None. $1000

DWELLING
(1590) 2439 HAVENSCOURT BLVD., Oakland. 1-story 5-room dwelling.
Owner—J. F. Patterson, 2001 68th Ave., Oakland.
Architect—None. $4000

DWELLING
(1591) E HAVENSCOURT BLVD. 280 S Avenal, Oakland. 1-story 5-room dwelling.
Owner—E. Teicheira, 1516 Grant St., Berkeley.
Architect—None. $4000

DWELLING
(1592) N HILLMONT DR., 600 E 73rd Ave., Oakland. 1-story 4-rm. dwlg.
Owner—Emille Tobe, 1536 Ellis St., San Francisco.
Architect—None.
Contractor — C. W. Ashinger, 1201 Gough St., S. F. $1750

DWELLING
(1593) N PORTAL AVE. 40 N Mandana, Oakland. 2-story 6-rm dwlg. and garage.
Owner — H. C. Pendleton, 1008 Grand Ave., Oakland.
Architect—Miller & Warnecke, 414 13th St., Oakland. $6500

DWELLING
(1594) S REDDING ST. 50 E Loma Vista, Oakland. 1-story 4-room dwelling.
Owner—J. B. Kuraisa, 3789 39th Ave., Oakland.
Architct—None.
Contractor—C. M. Corey, 3080 Frye St., Oakland. $2500

BUILDING
(1595) 10911 RUSSELL ST., Oakland. 1-story frame and corrugated iron building.
Owner—Bechtel Utah Cons. Co., prem.
Architect—None. ..$1000

ALTERATIONS
(1596) 1547 SAN PABLO, Oakland. Alterations.
Owner—Du Rose.

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Architect—None.
Contractor—S. Kulchar Co., 8th Ave. and E-10th St., Oakland. $1000

DWELLING
(1597) E WATERHOUSE RD. 700 N Tiffar Rd., Oakland. 1-story 4-rm. dwelling.
Owner—Chas. Baldwin, 1615 63rd St., Oakland.
Architect—None. $2000

REPAIRS
(1598) 3233 E-FOURTEENTH ST., Oakland. Repairs.
Owner—A. H. Kopperud, 139 Woodland Ave., Oakland.
Architect—None.
Contractor—Webb & Whalen, 2930 22nd Ave., Oakland. $2000

DWELLING
(1599) E TWENTY-FIFTH AVE. 50 S E 22nd St., Oakland. 1-story 5-room dwelling.
Owner—Chas. Anderson, 2308 26th Ave. Oakland.
Architect—None. $3000

ALTERATIONS
(1600) 857 THIRTY-SEVENTH ST., Oakland. Alterations.
Owner — A. Cunningham, 3747 San Pablo, Oakland.
Architect—None.
Contractor—F. N. Rogers, 876 35th Ave Oakland. $1200

DWELLINGS
(1601) 989 993 SIXTY-SECOND ST., Oakland. Two 1-story 5-rm dwlgs.
Owner—John T. Fahy, 32nd St., Oakland.
Architect—None.
Contractor—H. M. Frostholm 877 Lakeshore Ave., Oakland. $3400 each

DWELLING
(1602) E EIGHTY-THIRD AVE. 182 B St., Oakland. 1-story 5-rm. dwlg.
Owner—J. L. & Lula Crossen, 87th Ave. and E1-4th St., Oakland.
Architect—None.
Contractor—J. F. Brown, 1920 Seminary, Oakland. $3000

DWELLING
(1603) NW NINETY-SECOND AVE. & B St., Oakland. 1-story 5-room dwelling.
Owner—D. Kravlgance, 1215 94th Ave. Oakland.
Architect—None. $3000

DWELLING
(1604) W ONE HUNDRED THIRD Ave. 360 S Sunnyside, Oakland. 1-story 4-room dwelling.
Owner—Geo. Mills, 1943 103rd Ave., Oakland.
Architect—None. $2600

APARTMENTS
(1605) NW MANDANA & ERIE, Oakland. 2-story 16-room apartments.
Owner—Chas. Smith.
Architect—Hutchinson & Mills, 1214 Webster St., Oakland.
Contractor — Graff-Winlund Co., 1761 Franklin, Oakland. $20,000

APARTMENTS
(1606) N FORTY-FIRST ST. 60 N Webster, Oakland. 2-story 16-room apartments.
Owner—Julius Berck, 2616 Harrison St Oakland.
Architect — L. F. Hyde, 372 Hanover St., Oakland. $16,000

APARTMENTS
(1607) S E-NINETEENTH ST. 62 E 14th Ave., Oakland. 3-story 18-room apartments.
Owner—E. S. Cheney, 1426 Franklin, Oakland.
Architect—None.
Contractor—H. C. Knight, 1426 Franklin, Oakland. $20,774

POULTRY PENS, ETC.
(1608) E FOURTEENTH ST. opp. 27th Ave., Oakland. Poultry pens and fence walls.
Owner—Little Sisters of the Poor, premises.
Architect—Leo J. Devlin, Pacific Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Filed Mar. 20, 1924. Dated Mar. 19, 1924.
1st and 15th each month com.
Apr. 15, 1924, 75% val of work done.
Usual 35 days 25%
TOTAL COST, $15,865.
Bond, $8000. Sureties, Albert Lachman and Jas. T. Casey. Forfeit, none. Limit, 75 days. Plans and Specifications filed.

FACTORY BLDG.
(1609) SW DOYLE AND 59TH STS., Emeryville. One-story class C factory bldg.
Owner—New Metal Products Co.,—.
Architect—R. W. Jenkins, 918 Harrison St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Filed Mar. 21, 1924. Dated Mar 20, 1924.
1st day each month 75% value of preceeding month at com. 75% of total contract price.
Usual 35 days 25%
TOTAL COST, $14,685.
Bond, Sureties, Forfeit, none. Limit, 60 days. Plans and Specifications filed.

DWELLINGS
(1610) 8215-21 & 8207 DOWLING, Oakland. Three 1-story 4-room dwellings.
Owner—K. A. Johanson, 2429 13th Ave. Oakland.
Architect—None. $2000 each

DWELLING
(1611) 2457 SIXTY-FIFTH AVE, Oakland. 1-story 5-room dwelling.
Owner—H. P. Sheridan. 4323 E-14th St. Oakland.
Architect—None.
Contractor—Wm. Wolfe, 128 13th St., Oakland. $4000

DWELLING
(1612) 2280 EIGHTY-SECOND AVE., Oakland. 1-story 4-room dwelling.
Owner—K. A. Johanson, 2429 13th Ave. Oakland.
Architect—None. $2000

ALTERATIONS
(1613) NW ELEVENTH & WASHINGTON, Oakland. Alterations.
Owner—J. Shoong, 395 Bellevue, Oakland.
Architect—Bernard J. Joseph, 74 New Montgomery, San Francisco.
Contractor — Geo. W. Anderson, 351 Adams St., Oakland. $22,500

DWELLINGS
(1614) 2718-24-30-36-42-48 PLEASANT St., Oakland. Six 1-story 5-room dwellings.
Owner—K. A. Johanson, 2429 13th Ave. Oakland.
Architect—None. $3500 each

BUNGALOW
(1615) E SIDE NINTH AVE 470 S E-28th St. & 550 N E-24th St., Oakland. All work for bungalow.
Owner—Pearl and Fred Riley, Oakland.
Architect—None.
Contractor — Oscar F. Lyon, 524 San Fernando, Berkeley.
Filed Mar. 22, 1924. Dated Mar. 11, 1924.
Signing agreement .....$ 425
Frame up 843
Brown coated 843
Completed and accepted..... 843
40 days after 846
TOTAL COST. $3800
Bond, none; Forfeit, $1 day; Limit, 70 working days after Mar. 24, 1924; Plans and specifications filed.

RESIDENCE
(1616) LOT 5 & 5 FT. LOT 4, BLK 8, Lakeshore Highlands, Oakland. All work for residence and garage.
Owner—Helen L. Day, Oakland.
Architect—H. O. Alden, San Francisco.
Contractor—A. Cederberg, 1445 Excelsior Blvd., Oakland.
Filed Mar. 22, 1924. Dated Mar. 18, 1924.
Frame up, roof on .....¼
Plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $8567
Bond, none; Forfeit, none; Limit, 85 days after Mar. 19, 1924; Plans and specifications filed.

ADDITION
(1617) SW COR. CEDAR & SPRUCE Streets, Berkeley. Addition to All Soul's Church.
Owner—St. Mark's Parish, 2314 Bancroft, Berkeley.
Architect—W. H. Ratcliff Jr., Mercantile Trust Bank
Contractor—John M. Bartlett, 351 12th St., Oakland.
Filed Mar. 22, 1924. Dated Mar. 19, 1924.
1st day each month 75%
Usual 35 days 25%
TOTAL COST, $17,338.50
Bond, $8669.25; Sureties, Globe Indemnity Co.; Forfeit, $5 day; Limit, 80 working days; Plans and specifications filed.
NOTE—Permit reported Feb. 7, 1924 No. 636.

DWELLING
(1618) 1644 1646 1648 ASHBY AVE., Berkeley. Three 1-story 5-room dwellings.
Owner—Walter Hufschmidt, 1668 10th St., Oakland.
Architect—None. $3750 each

DWELLING
(1619) 1627 CAPISTRANO, Berkeley. 1-story 6-room dwelling.
Owner—P. B. Arnold, Colusa, Cal.
Architect—None.
Contractor—W. C. Blean, 1428 78th Ave Oakland. $4000

DWELLINGS
(1620) 2500 2504 2508 GRANT, Berkeley. Three 1-sto. 5-room dwlgs. & garages.
Owner — Chas. F. Brown, 1707 Broadway, Oakland.
Architect—None. $3000 each

DWELLING
(1621) 1349 McGEE AVE., Berkeley. 1-story 5-room dwelling.
Owner—C. H. Fox, 1319 McGee, Berkeley.
Architect—None.
Contractor—Fox Bros., 1926 University, Berkeley. $2975

DWELLING
(1623) 837 OXFORD, Berkeley. 1½-story 6-room dwelling and garage.
Owner—C. R. Madison, Shattuck and Addison, Berkeley.
Architect—None.
Contractor—Mason-McDuffie Co., Berkeley. $4000

DWELLING
(1623) 83 SOUTHAMPTON, Berkeley. 1½-story 9-room dwelling.
Owner—Vernon R. Churchill.
Architect—C. R. Madison.
Contractor—Mason-McDuffie Co., Shattuck & Addison, Berkeley. $8000

DWELLING
(1624) 2134 SPAULDING, Berkeley. 1-story 5-room dwelling.
Owner—I. H. Latour, 11 Plaza Dr., Berkeley.
Architect—None.
Contractor — Geo. A. Hastings, 2008 Francisco St., Berkeley. $3000

DWELLING
(1625) 1339 BERKELEY WAY, Berkeley. 1-story 5-room dwelling.
Owner—Mrs. O. L. Jones, 2163 Vine St., Berkeley.
Architect—None.
Contractor — G. F. Estey & Son, 1815 Hearst, Berkeley. $29,895

APARTMENTS
(1626) 1737 EUCLID, Berkeley. 1-sto. 18-room apartments.
Owner—Madeline Christy, 1817 Hearst Ave., Berkeley.
Architect—Barker Christy.
Contractor — Harry R. Jewett, 1817 Hearst, Berkeley. $14,000

ALTERATIONS
(1627) 622-628 BROADWAY, Oakland. Alterations.
Owner—N. G. Koarts, 1121 Webster St., Oakland.
Architect—None.
Contractor—Fred Bishop, 5720 Elizabeth St., Oakland. $1175

DWELLING
(1628) E FRUITVALE AVE 437 S Funston Way, Oakland. 1-story 6-room dwelling.
Owner—H. Lemkan, 2030 Myrtle St., Oakland.
Architect—None.
Contractor—J. Johnson, 1902 Myrtle St. Oakland. $4000

APARTMENTS
(1629) S GRAND AVE 60 E Ellitta Ave., Oakland. 3-sto 33-room frame apartments and garage.
Owner—John Moxam, 1426 Franklin St Oakland.
Architect—None.
Contractor — Harry C. Knight, 1426 Franklin, Oakland. $39,000

DWELLING
(1630) N MAWNTAMIA AVE. 305 E Seminary, Oakland. 2-story 5-room dwelling.
Owner—Thos. J. Murray, 5294 Boyd Ave., Oakland.
Architect—None.
Contractor—G. H. Butzback & Son, 8030 E-14th St., Oakland. $4000

ALAMEDA PERMITS ... ...
DWELLING
(1631) E SPRUCE 110 N Cleveland, Oakland. 1-story 5-room dwlg.
Owner—Henry Ruedy, 237 E 14th St., Oakland.
Architect—L. F. Hyde.
Contractor—S. G. Warner, 850 Cleveland Ave., Oakland. $5000

DWELLING
(1632) W SEMINARY AVE 120 S Taylor, Oakland. 1-story 4-room dwlg.
Owner—S. Damgaard, 1352 87th Ave., Oakland.
Architect—None. $2500

APARTMENTS
(1633) SW WALKER & WELDON, Oakland. 2-story 16-room apts.
Owner—Harry C. Knight, 1426 Franklin St., Oakland.
Architect—None. $17000

CONCRETE GARAGE
(1634. NE 21ST & BRUSH, Oakland. 1-story rein. conc. garage.
Owner—Mrs. Monson, Peralta Apts., Oakland.
Architect—Hutchinson & Mills.
Contractor—Mullen & La Voie, 265 9th St., Oakland. $18000

ALTERATIONS
(1635) 1723 23RD AVE., Oakland. Alt.
Owner—Pitto Villino.
Architect—None. $3000

DWELLING
(1636) E 25TH AVE 150 NE 27th St., Oakland. 1-story 5-room dwlg.
Owner—Jas. E. Jones, 1534 18th Ave., Oakland.
Architect—None.
Contractor—Mills & Jones, 1534 18th Ave., Oakland. $3500

DWELLING
(1637) E 33RD 42 SE 16th St., Oakland. 1-story 5-room dwlg.
Owner—Louis Saroni, 733 Battery St., San Francisco.
Architect—None.
Contractor—C. P. Pond, 6664 E 14th St., Oakland. $3200

APARTMENTS
(1638) N 39TH ST 120 E Grove, Oakland. 2-story 8-room apts.
Owner—Jerome MacDonald, 606 37th St., Oakland.
Architect—None. $8000

DWELLING
(1639) 4064 39TH AVE., Oakland. 1-story 4-room dwelling.
Owner—I. Bernstein, 4121 Maybelle Ave Oakland.
Architect—None.
Contractor—W. J. Myers, 3214 High St. Oakland. $2000

DWELLING
(1640) E 64TH AVE 100 S Flora, Oakland. 1-story 5-room dwelling.
Owner—S. Damgaard, 1352 87th Ave., Oakland.
Architect—None. $3000

CABINET SHOP
(1641) SE 3RD & S Chestnut, Oakland. 1-story cabinet shop.
Owner—A. Wisecarver, Modesto, Cal.
Architect—None.
Contractor—G. A. Scott, 685 23rd St., Oakland. $8375

DWELLING
(1642) N 45TH ST 100 E Linden, Oakland. 1-story 4-room dweling.
Owner—R. A. Blair, 3126 San Pablo, Oakland.
Architect—None.
Contractor—E. Pedersen, 827 Athens Ave., Oakland. $1718

DWELLING
(1643) S 45TH ST 200 E Market, Oakland. 1-story 5-room dwelling.
Owner—A. Camestra, 869 45th St., Oakland.
Architect—None.
Contractor—P. Garella, 870 47th St., Oakland. $3900

DWELLING
(1644) E 66TH AVE 204 NE 14th, Oakland. 1-story 5-room dwelling.
Owner—J. J. W. E. Bragg, 436 Mitchell Ave., San Leandro.
Architect—None. $3000

DWELLING
(1645) E 67TH AVE 315 N Avenal, Oakland. 1-story 5-room dwlg.
Owner—A. R. Lapham, 6311 Geary St., San Francisco.
Architect—None.
Contractor—A. E. Lapham, 2451 61st Ave., Oakland. $3750

DWELLING
(1646) S FOOTHILL BLVD 200 W 82nd Ave., Oakland. 1-story 8-rm. dwelling.
Architect—None.
Contractor—G. F. Sconyers, 7735 Ney Ave., Oakland. $4800

DWELLING
(1647) 1021 HUBERT RD., Oakland. 2-story 6-room dwlg.
Owner—Mrs. W. C. Day, —.
Architect—None.
Contractor—A. Cederborg, 1455 Excelsior Ave., Oakland. $8567

DWELLING
(1648) W LAUREL 90 S SYLVAN, Oakland. 1-story 5-room dwlg.
Owner—F. C. Stolte, 3455 Laguna Oakland.
Architect—None. $3400

DWELLINGS
(1649) N OUTLOOK AVE. 100 and 150 E 64th Ave., Oakland. Two 1-sto. 5-room dwlgs.
Owner—Frank Lorenz, —.
Architect—None.
Contractor—Chas. D. Lyon, 22 Murdock Court, Oakland. $3666 each.

DWELLING
(1650) 680 SANTA RAY AVE., Oakland. 1-story 5-room dwlg.
Owner—F. W. Lagerson, —.
Architect—None.
Contractor—Jas L. Rich, 743 Hillgirt Circle, Oakland. $4000

DWELLINGS
(1651) N SYLVAN 50 E Maple; S Sylvan 300 E Maple, Oakland. Two 1-story 5-room dwlgs.
Owner—F. C. Stolte, 3455 Laguna, Oakland.
Architect—None. $3750 each.

STORE BLDG. ETC.
(1652) COR. E-FOURTEENTH ST. & Dutton Ave., San Leandro. One store bldg., 2 duplex houses, 1 double garage, 2 single garages, 1 triple garage and 1 double garage, also cut down and move one garage.
Owner—G. Marini, San Leandro.
Architect—None.
Contractor—C. M. Flewelling, 1625 E-14th St., San Leandro.
Filed Mar. 24, 1924. Dated Mar. 13, 1924.

On houses & gar.	On store
Frame up.....$2000	$3000
Roof & rustic iron..... 1000	1000
Plastered 1000	4000
Woodwork completed.... 2000	4000
Completed and accepted.. 2000	4000
Usual 35 days .....Balance	
TOTAL COST, $28,900	

Bond, Forfeit, none; Limit, Aug. 10, 1924; Plans and specifications, none.

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones —the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert S. Samuels Co. JEWELERS
33 Kearny 895 Market

DWELLING
(1652) 1205 BLAKE ST., Berkeley. 1-story 4-room dwelling.
Owner—Donald Eustice, 1207 Blake St., Berkeley.
Architect—None.
Contractor—Herman Leotis, 1436 9th St., Alameda. $2500

ALTERATIONS
(1653) 2709 FOREST AVE., Berkeley. Alterations.
Owner—J. P. Petersen, 2618A College Ave., Berkeley.
Architect—None.
Contractor—W. Livingston & Son, 2618 Ellis St., Berkeley. $1000

DWELLING
(1654) 2116 GRANT ST., Berkeley. 1-story 4-room dwelling.
Owner—F. A. Kiefer, premises.
Architect—None.
Contractor — Clarence M. Starr, 2019 Delaware St., Berkeley. $1800

DWELLING
(1655) 1501 OXFORD ST., Berkeley. 1-story 4-room dwelling.
Owner—Samuel Illich, 3104 King St., Berkeley.
Architect—None.
Contractor—W. F. Starr, 2306 Grant St. Berkeley. $1000

SHED
(1656) 725 SNYDER ST., Berkeley. 1-story shed.
Owner—Hall-Scott Motor Co., 5th and Snyder, Berkeley.
Architect—None. $5310

DWELLING
(1657) S ALCATRAZ AVE., 202 E Colby, Oakland. 1-story 6-room dweling.
Owner—S. Beneditti, 558 43rd St., Oakland.
Architect—None. $5000

DWELLING
(1658) 1506 EXCELSIOR AVE., Oakland. 1-story 5-room dwlg.
Owner—L. C. Fish, 2453 Park Blvd., Oakland.
Architect—None. $4000

DWELLING
(1659) N E-NINETEENTH ST., 100 E 14th Ave., Oakland. 1-story 5-room dwlg.
Owner — H. Cramer, 1741 43rd Ave., Oakland.
Architect—None. $2750

DWLG. & STORE
(1660) NE FOURTEENTH ST. 55 W 67th Ave., Oakland. 1-story 2-room dwlg. and store.
Owner—Vigo Konsterud, ——.
Architect—None.
Contractor—A. E. Arton, 2558 Seminary Ave., Oakland. $4000

STORAGE
(1661) SE FOURTH AND JACKSON, Oakland. 2-story junk and storage.
Owner—Acme Junk Co., premises.
Architect—None.
Contractor—H. Murack, 369 11th St., San Francisco. $4500

DWELLING
(1662) E MAPLE AVE. 66 S Kansas, Oakland. 1-story 5-room dwlg.
Owner—C. Adams, 3682 Maple Ave., Oakland.
Architect—None.
Contractor—Mattison & Darrance, 3095 Hopkins St., Oakland.

ALTERATIONS
(1663) 430 MOSS AVE., Oakland. Alterations.
Owner—Fred Schmitz, prem.
Architect—None $1000

DWELLING
(1664) 766 MANDANA BLVD., Oakland. 1-story 6-room dwelling.
Owner — H. W. McIntier Co., 1528 Franklin St., Oakland.
Architect—R. J. McCoy, ——. $5000

DWELLING
(1665) E PARKER AVE. 152 S Hillside, Oakland. 1-story 4-room dwlg.
Owner—B. W. Hoover, 845 75th Ave., Oakland.
Architect—None.
Contractor—J. Noel, 1125 10th Ave., Oakland. $1500

DWLG. & STORE
(1666) SW SIXTIETH AND BRAUN, Oakland. 1-story 6-room dwlg. and store.
Owner—L. D. Bandy, 1807 38th Ave., Oakland.
Architect—None. $4000

DWELLING
(1667) 1258 SUNNYHILLS RD., Oakland. 2-story 7-room dwlg.
Owner—F. B. Taylor, 552 Montclair, Oakland.
Contractor—L. M. Baird, 1031 Bay View Ave., Oakland. $7900

DWELLING
(1668) W TWENTY-SEVENTH AVE 100 N E-14th St., Oakland. 1-story 4-room dwlg.
Owner—J. J. Healey, 1439 27th Ave., Oakland.
Architect—None.
Contractor—R. D. Eleson, —. $2500

DWELLING
(1669) 1814 CARLTON, Oakland. 1-story 5-room dwelling.
Owner—F. Grunewald, 5358 Bryant St. Oakland.
Architect—None. $2900

DWELLING
(1670) 2245 VIRGINIA, Berkeley. 2-story 7-room dwelling.
Owner — Laura King Leisure, 1081 Mari-posa, Berkeley.
Architect—None.
Contractor — Gustof Johanson, 1357 Northraid Ave., Berkeley. . $6500

DWELLING
(1671) 1214 EVELYN AVE., Berkeley. 1-story 4-room dwelling.
Owner—Herbert Green, 405 Santa Clara Ave., Oakland.
Architect—None.
Contractor—J. A. Johnson, 1303 Alcatraz Ave., Berkeley. $1800

DWELLING
(1672) 521 SAN FERNANDO, Berkeley 1-story 7-room dwelling.
Owner — W. H. Burritt, 5309 Manila Ave., Oakland.
Architect—None.
Contractor—O. D. Burritt, 427 63rd St., Oakland. $5000

DWELLING
(1673) 709 SAN LUIS RD., Berkeley. 2-story 7-room dwelling & garage.
Owner—C. C. McCown, 1722 Blake St., Berkeley.
Architect—Cox Bros.
Contractor—F. W. Thaxter, 3029 Regent St., Berkeley. $9000

DWELLING
NO. 2706 CLAREMONT BLVD., Berkeley. 2-story 9-room dwelling and garage.
Owner—T. E. McEneany, 2621 Regent St., Berkeleyfl
Architect—Gwynn Officer.
Contractor—I. W. Button, 347 63rd St., Oakland. $11,672.50
NOTE—Recorded contract reported March 15, 1924, No. 1435.

ALAMEDA CONTRACTS .. ..
ALTERATIONS
(1674) BDWY & 16TH STS., Oakland. Alterations.
Owner—Kahn Bros., Oakland.
Architect—None.
Contractor—MacDonald & Kahn, 405 Tapscott Bldg., Oakland. $3000

DWELLING
(1675) 3275 CURRAN AVE., Oakland. 1-story 5-room dwelling.
Owner—W. W. Clauson, 3863 Rhoda Av Oakland.
Architect—None. $4000

DWELLING
(1676) 5458 EL CAMILA AVE., Oakland. 1-story 5-room dwelling.
Architect—None.
Contractor—C. E. Burks, 4129 Randolph Ave., Oakland. $3800

DWELLING
(1677) S 58TH ST 130 W Shattuck. Oakland. 1-story 6-room dwlg.
Owner—Earl T. Leamer, Oakland.
Architect—None.
Contractor—E. W. Woodward, 435 Merritt Ave., Oakland. $5000

APARTMENTS
(1678) E MONTE CRESTA AVE 200 Linda, Oakland. 2-sto. 16-rm. apts.
Owner—Kathryn Greenwood, Oakland.
Architect—None.
Contractor—E. T. Leiter & Sons, 407 Call Bldg., S. F. $16750

SHED
(1679) W MYRTLE ST 150 N 1st St., Oakland. 1-story shed.
Owner—Calif. Packing Corp., 106 Linden St., Oakland.
Architect—None. $2500

DWELLING
(1680) S RAMONA 130 W Moraga, Oakland. 1-story 5-rm. dwlg.
Owner—G. W. Brown, 47 Glen Ave., Oakland.
Architect—None. $3800

DWELLING
(1681) N 60TH ST 320 E Dover, Oakland. 1-story 5-room dwelling.
Owner—Max Koenig, Oakland.
Architect—None.
Contractor—C. A. Pratt, 1309 Myrtle St. Oakland. $3500

DWELLING
(1682) 2333 64TH AVE., Oakland. 1-story 5-room dwelling.
Owner—Lewis Graham, 1704 55th Ave., Oakland.
Architect—None. $3750

CONC. SUB. STATION
(1683) N 20TH ST 612 W Telegraph, Oakland. 2-story conc. sub. sta.
Owner—Pac. Gas & Elec. Co., 445 Sutter St., S. F.
Architect—None. $60,000

DWELLING
(1684) N VIRGINIA AVE 200 E Beverly, Oakland. 1-sto. 5-rm. dwlg.
Owner—Frank Stupble, 686 17th St., Oakland.
Architect—None.
Contractor—Norman E. Anderson, 2030 Roosevelt Ave., Richmond. $3600

ADDITION
(1685) 1717 ALAMEDA AVE, Alameda Addition.
Owner—R. H. Swayne.
Architect—None.
Contractor—V. E. Thorpe, 1718 Alameda Ave., Alameda. $1500

DWELLING
(1686) 3232 BAYO VISTA, Alameda. 1-story 5-room dwelling.
Owner—N. F. Justice, 1359 Regent St., Alameda.
Architect—None.
Contractor—H. M. Davies, 1247 Pease Ave., Alameda. $3500

DWELLING
(1687) 1068 CENTRAL, Alameda. 1-sto 6-room dwelling.
Owner—J. J. Goodem, 1011 Santa Clara Alameda.
Architect—None. $4000

APARTMENTS (3)
(1688) GRAND & CENTRAL, Alameda. Three 2-story 14-room apt. building.
Owner—L. Kaliski, 1301 Regent St., Alameda.
Architect—None.
Contractor—Conrad Roth, Dublin Blvd Alameda. $12000 each

DWELLING
(1689) 3229 THOMPSON, Alameda. 1-story 5-room dwelling.
Owner—C. A. Lunderman.
Architect—None.
Contractor—Reite Bros. 558 Haight Av Alamade. $4000

APT. BLDG.
(1690) S SIDE E NINETEENTH ST. 62 E Park Blvd., Oakland. All work for apt. bldg. of 6 apts. 3-rm each.
Owner—E. S. Cheney, 1426 Franklin St., Oakland.
Architect—None.
Contractor — Harry C. Knight, 1426 Franklin St., Oakland.
Filed Mar. 26, 1924. Dated Mar. 6, 1924.
Roof on $6000
1st coat plaster 5000
Comp. & accepted (if satisfactory) 7000
(if not) Usual 35 days..... 2000
TOTAL COST, $18,000
Bond, Forfeit, none; Limit, 90 days after laying mud sills; Plans and specifications filed.
NOTE—Permit reported Mar. 22, 1924 No. 1607.

APARTMENTS
(1691) N SIDE FIFTY-FIRST ST. 100 ft E of Desmond St., Oakland. All work for 4 apartments, 4-rm each and 4 garages.
Owner—Etta A. Smith, 1426 Franklin St., Oakland.
Architect—None.
Contractor — Harry C. Knight, 1426 Franklin St., Oakland.
Filed Mar. 26, 1924. Dated Feb. 29, 1924.
Roof on $4000
1st coat on 4000
Completed and accepted 4000
Usual 35 days 4000
TOTAL COST, $16,000
Bond, Forfeit, none; Limit, 75 days after laying mud sills; Plans and specifications filed.
NOTE—Permit reported Mar. 19, 1924 No. 1515.

GARAGE
(1692) NW COR. TWENTY-FIRST ST and Brush St., Oakland. All work for 1-story brick bldg. (garage).
Owner—N. M. Monsch, Peralta Apts., Oakland.
Architect — Hutchinson & Mills, 1214 Webster St., Oakland.
Contractor—Mullen & La Voie, 265 9th St., Oakland.
Filed Mar. 25, 1924. Dated Mar. 10, 1924.
Foundations & walls up.....$4515.75
Walls & roof completed..... 4515.75
Completed and accepted 4515.75
Usual 35 days 4515.75
TOTAL COST, $18,063
Bond, $10,000; Sureties, Adelaide J. Mullen and J. B. McKeon; Forfeit, none Limit, 90 days after March 15, 1924; Plans and specifications filed.
NOTE—Permit reported Mar. 25, 1924 No. 1634.

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY
(THE SAN FRANCISCO BANK)
SAVINGS COMMERCIAL
INCORPORATED FEBRUARY 10th, 1868.
One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.
Member Associated Savings Banks of San Francisco
526 California Street, San Francisco, Cal.
DECEMBER 31st, 1923
Assets..... $89,174,468.57
Capital, Reserve and Contingent Funds..... 3,850,000.00
Employees' Pension Fund..... 430,275.37
MISSION BRANCH.....Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....Haight and Belvedere Streets
WEST PORTAL BRANCH.....West Portal Ave. and Ulloa St.
Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

STORE & LAUNDRY
(1693) BEG. AT INTERSECTION OF SW line Castro St. with SE line A St., SE along Castro joining 27 ft. at corner Castro and A Sts., Hayward. All work for 2-story concrete, brick, hollow tile and frame building (store and laundry bldg. with flat above).
Owner—Jean Marie Bayes, Hayward.
Architect—None.
Contractor—A. F. Hansen, Hayward.
Filed Mar. 26, 1924. Dated Mar. 4, 1924.
Walls & frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $10,400
Bond, $5250; Sureties, Nels E. Nelson & L. R. Rosenberg; Forfeit, $10 day; Limit, 90 days after recording contract; Plans and specifications, none.

DWELLING
(1694) E McCLURE ST., 185 N 29TH St. N along E line of McClure 90, E 152, S 90, W 152 to com., Oakland. 2-story and basement and attic dwlg.
Owner—A. Liliencrantz, 1739 Central Ave., Alameda.
Architect—Edw. T. Foulkes, 357 12th St., Oakland.
Contractor—Alfred Peterson, 3918 Linwood Ave., Oakland.
Filed Mar. 26, 1924. Dated Mar 25, 1924.
5th of each month 75%
Usual 35 days 25%
TOTAL COST, $18,700
Bond, Sureties, Forfeit, none. Limit, 120 working days. Plans and Specifications filed.
NOTE—Permit reported Mar. 21, '24.

BUNGALOW
(1695) LOT 18, BLK. 25, FAIRMONT Park, Albany. Duplex bungalow.
Owner—Agnes Ericson, 1449 Marin, Oakland.
Architect—None.
Contractor—Anderson & Anderson.
Filed Mar. 26, 1924 Dated Mar. 21, 1924.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $6882.
Bond, Sureties, Forfeit, none. Limit, 75 working days after permit issued. Plans and Specifications not filed.

RESIDENCE
(1696) LOT 38, PIEDMONT PARK, Oakland. Residence and garage.
Owner—Walter B. Anderson, 1449 10th Ave., Oakland.
Architect—None.
Contractor—Alex F. Marshall Co., 1424 Franklin, Oakland.
Filed Mar. 26, 1924. Dated Mar. 25, 1924.
Rough floor laid .....$1153.
Frame and rafters up .....1153.
Brown coated .....1153.
Completed .....1538.
Usual 35 days .....
TOTAL COST, $6150.
Bond, Sureties, Forfeit, none. Limit, 90 working days after Mar. 26, 1924. Plans and Specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Amount
Mar 21, 1924—LOT 272 Dowling Homestead Tract, Oakland. R K and Nellie Craig to whom it may concern.....Mar. 21, 1924
Mar. 21, 1924—PTN LOT 15 BLK 8, Fourth Ave Heights, Okd. Alice Blomberg to whom it may concern .....Mar. 19, 1924
Mar. 21, 1924—LOTS 37 AND 38, Peralta Terrace, Oakland. Pilgrim Advent Christian Church to F E Stolte.....Mar. 14, 1924
Mar. 21, 1924—SE ½ LOT 76 Map Key Route Acres, Oakland. W R Bean to whom it may concern.Mar. 20, '24
Mar 21, 1924—MT. BLVD 3000 N Calaveras Ave, Brooklyn Tp. Rudolf J Logstrup to whom it may concern.....Mar. 20, 1924
Mar. 21, 1924—N. 2240 DERBY, Berkeley. E E Carpenter to whom it may concern.....Mar. 20, 1924
Mar 21, 1924—SW TWENTY-SECOND and Grove, Oakland. Key System Transit Co to Schnebly & Horstraw.....Mar. 18, 1924
Mar. 21, 1924—NO. 936 THIRTY-sixth St., Oakland. W A Walker to whom it may concern..Mar. 20, '24
Mar. 21, 1924—LOT 9 BLK 41, Kellerberger's Map of Oakland. Hyman Davis to H V Carter...Mar. 20, 1924
Mar. 20, 1924—E EUCLID AVE 100 S Cedar, Berkeley. Elizabeth R Humphrey to S J Bertelsen.....March 15, 1924
Mar. 20, 1924—SE 20 LOT 3 and NW 20 Lot 2 Blk 21, Map Blvd. Park, Brooklyn Tp, Oakland. Ivor Nyman to whom it may concern.....March 17, 1924
Mar. 20, 1924—SE SECOND AND Jackson, Oakland. Kellogg Express Co to E A Randlett.Mar. 15, '24
Mar. 20, 1924—PTN LOTS 22 AND 23 Blk "F" Map Bella Vista Park, Oakland. T J McCabe to L A Peters .....March 12, 1924
Mar. 20, 1924—WEBSTER JUNCTION Wagon Rd Standard Oil Co), Alameda. S P Co to Hutchinson Co. .....March 12, 1924
Mar. 20, 1924—SHATTUCK AVE line, Hearst to Vine, Berkeley. S P Co to Hutchinson Co.....Mar. 12, 1924
Mar. 20, 1924—NO. 1507 SEVENTY-seventh Ave, Oakland. Geo Temple to whom it may concern.Mar. 17, '24
Mar. 20, 1924—SE 15 LOT 2 NW 20 Lot 3 Plat of Robinson's Sub Lot 38, Kingsland Tract, Brooklyn Tp, Oakland. C F Lodge to whom it may concern.....Mar. 20, 1924
Mar. 20, 1924—LOT 1 and NW 10 Lot 2, Plat of Robinson's Sub Lot 38, Kingsland Tct, Brooklyn Tp, Oakland. C F Lodge to whom it may concern.....Mar. 20, 1924
Mar. 20, 1924—NO 1627 SIXTY-seventh Ave., Oakland. Clesson A Rogers to whom it may concern.. .....March 20, 1924
Mar. 19, 1924—NO. 616 SAN MIGUEL Ave., Berkeley. Ethel M Hale to whom it may concern..Mar. 19, 1924
Mar. 19, 1924—NO. 6054 OUTLOOK Ave., Oakland. John A Lidell to whom it may concern..Mar. 19, 1924
Mar. 22, 1924—NW PIEDMONT AV 544.03 NE Broadway 66-8 NE 155.27 NW 68.78 SW 138.35 SE, Oakland. R Megahie and S Palmer to J Martinelli.....Mar. 20, 1924
Mar. 21, 1924—LOT 3 BLK 7 Map of Shaw Tract Blks 4, 6, 7, 8 and 9, Berkeley. D Boshion to whom it may concern.....Mar. 20, 1924
Mar. 21, 1924—PTN LOT 20 Map White Tract, Oakland Tp, Oakland. Eugene J Belrose to Jos Coward.. .....Mar. 3, 1924
March 24, 1924—DIMOND BRANCH, Oakland Free Library, Fruitvale Ave. 271 N Hopkins St., Oakland. Wm. Beddig to Harry Meyer... .....March 21, 1924
March 24, 1924—N SIDE PEARMAIN 282½ E Plum, Oakland. Frank E Adams to Adams & Hillis.Mar. 21, '24
March 24, 1924—LOTS 9 AND 10, Blk. 41, Oakland. ——— to V H. Carter .....March 20, 1924.
March 24, 1924—LOT 27 AND E 10 ft. lot 27½, Amended Maps of Sub. of Mosswood Tract, Oakland. J. W. Waldrop to whom it may concern. .....March 24, 1924.
March 24, 1924—1640 EUCLID AVE., Berkeley. Ida Lo Prest to A Lo Prest .....March 22, 1924.
March 24, 1924—SW 13TH & FRANKlin Sts., Oakland. Tribune Bldg. Co. to Ne Page-McKenny Co... .....March 18, 1924.
March 24, 1924—LOT 14, BLK. 10, Claremont, Map No. 2, Berkeley. Mabel Megahan to Jos. Coward.. .....March 5, 1924
March 24, 1924—2108 62ND AVE., Oakland. R L Owen to whom it may concern .....March 22, 1924.
March 24, 1924 — 7317 LOCKWOOD St., Oakland. J. H. Rockberg to whom it may concern.March 20, 1924.
March 24, 1924—NE 12TH & BROADway, Oakland. The Oakland Bank to Scott Co., Inc. ....March 17, 1924.
March 25, 1924—1—LOT 11 & E 10 lot 10, Blk. G; 2—Por. lot 12, Blk.G Map of Sub-Blks E, F, and G., Mary E. Mortimer add. to Niles. Chas. E. Petersen to whom it may concern .....March 18, 1924
March 25, 1924—NW E-14TH ST. and 74th Ave., Oakland. Geo. Peter Banke to Chester A. Gossett..... .....March 15, 1924.
March 25, 1924—E SIDE BROOKwood Rd., 360 S Trestle Glen Rd., Oakland. Mrs. Frances G. Keller to S J. Pearson .....March 20, 1924
March 25, 1924—LOT 201, BLK. 1211 F., Oakland. Alfred and I. F. Newman to Thos Rutherford .Mar. 18, '24
March 25, 1924—2019 102ND AVE., Oakland. Chas. Griffith to whom it may concern .....March 25, 1924.
March 25, 1924—LOT 1, BLK. F. Kenwood Park Tract, Oakland. Antone Sequeira to Joe Vares..... .....March 21, 1924.
March 25, 1924—SE 42ND AVE AND San Carlos Walk, Oakland. A. R. Atterbery to whom it may concern .....March 22, 1924
March 26, 1924 — 548 CRAGMONT Ave., Berkeley. J. L. Williams to whom it may concern..Mar. 19, 1924
March 25, 1924—1651 PARK BLVD., Oakland. Mary Aspland to J. F. Perry .....March 25, 1924
March 24, 1924—LOTS 2 AND 3, Redwood Glen Tract, Oakland. Pacific T. & T. Co to Monson Bros..... .....March 14, 1924.
March 26, 1924—NE 26 2-3 FT. OF lot 65, Searles Tract, Brooklyn Tp, Oakland. Fern Davis to Anton T. Anderson .....March 21, 1924
March 26, 1924—W SIDE MARKET St. 65 S of intersection of Adeline and Market Sts., Oakland. J. C. and T. W. Farrar to Harry C. Knight.. .....March 13, 1924
March 25, 1924—LOT 6 BLK. 9, Lakemont,Oakland. Emily H. Craighead to N. E. Rice ....March 6, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
Mar. 21, 1924—LOTS 76, 77 AND 78 Blk 12, Chevrolet Park, Oakland. E K Wood Lumber Co vs R E Taylor.....$888.20
Mar. 20, 1924—LOT 15 BLK 2 Map Stanyan Park, Berkeley. Maxwell Hardware Co vs H Carlson, A Sandusky, M Kanoff and F Kanoff.... .....$62.07
Mar. 19, 1924—PTN LOTS 61 AND 62 Map Fremont Tct, Oakland. Thos Knite vs M Edeau also known as Nellie Edeau and Sadie Edeau..$120
Mar. 22, 1924—LOTS 5 AND 6 and Ptn Lots 4 and 7 Blk 592, W. L. F. L. Boardman's Map Galindo Tract, Oakland. Smith Hardware Co vs J Kann and Solomon Brown..$361.99
Mar 22, 1924—LOT 21 BLK 2, Map Lakeshore Highlands, Oakland. Redwood Mfg Co vs J B Sircy and Leslie F Scherling.....$1387.20
Mar. 24, 1924—LOTS 77 AND 78 BLK 12, Chevrolet Park, Oakland. P M Henning vs R E Taylor.....$176
March 24, 1924—LOT 21, BLK. 2, Map Lakeshore Highlands, Oakland. Smith Hardware Co. vs. J. B Sircy and Leslie F. Scherling... .....$105.16
March 24, 1924—LOT 5, BLK. 10, East Piedmont Heights Extension, Oakland. Redwood Mfgrs. Co. vs. J. B. Long and K. L. Hamman..$340.
Mar 25, 1924—LOT 36 Ardsley Hghts a Re-sub of ptn of Blks G and H Bella Vista Park, Oakland. Tilden Lumber Co vs Mary E Reid and F A McCausland.....$1755.40
Mar. 25, 1924—NO. 1117-1121-1125 Grand St., Alameda. Stewart Mantel & Tile Co vs R W Smith and Zetta W Smith and W M Holton $271.30
March 26, 1924 — LOTS 77 AND 78 Map of Chevrolet Park, Oakland. Jack Thompson Lumber Co. vs. R. E. Taylor $414.55
March 26, 1924—LOT 36 MAP OF Ardely Heights, Oakland. Oakland Roofing vs. F. A. McCausland and M. E. Reid .....$155.
March 26, 1924—LOT 36 MAP OF Ardely Heights, being a sub-division of portions of blocks G & H, Bella Vista Park, Oakland. Robt. Howden & Son vs. F. A. McCausland and M. E. Reid. $188.36

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
Mar. 21, 1924—NO. 38 MOSSWOOD RD Berkeley. W K Nottingham to Vincent Smith, First Doe and Second Doe $497.35
Mar. 21, 1924—NO. 39 SUNNYSIDE Tract, San Leandro. Clarence A Doane to Darling Harding & Co et al $205

Mar. 21, 1924—NO. 39 SUNNYSIDE Tract, San Leandro Powell Bros to O F Darling et al.....$82.85
Mar. 21, 1924—NO. 39 SUNNYSIDE Tract, San Leandro. California Door Co to Darling Harding Co..$216
Mar. 25, 1924—NO. 1101 COTTAGE St., Oakland. Geo A Johnson to Mary R Smith, Tr Leo L Nichols $82.63
Mar. 25, 1924—NO. 1105 COTTAGE St., Oakland. Geo A Johnson to Mary R Smith, Trust and Leo L Nichols $82.73
Mar. 25, 1924—NW SEVENTH AVE and E-18th St., Oakland. Sidney V Newsom and Noble Newsom to Art Tailoring Co.....$430.06
Mar. 22, 1924—PTN LOT 68 Map Piedmont Manor, Piedmont. E Davis Durrette to S Rogers, H & Helena Falk $200
March 25, 1924—LOT 93 AND POR. Lot 94, Map of E. B. & A. L. Stone Co.'s Lots, Oakland. Hutchinson Co. to M. Ghirardelli $61.87

Notice of Non-Responsibility

Mar. 20, 1924—SW 20 LOT 24, Lot 25 and NE 5 Lot 26 Blk 18 Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property .....
March 25, 1924—POR. BLK. 15, Map Key Route Heights, Oakland. Alameda Inv. Co. as to improvements on property. .....

BUILDER'S BOND

ALAMEDA COUNTY

straight line, SW 120 from a point 83 from W boundary line of lands, Alameda. Owner, Mrs. J. G. Kearney, 1332 High St., Alameda. Contractor, Harvey J. Thompson, 878 Cedar St., Alameda. SE Fernside Blvd. extending S E in Filed March 20, 1924. Dated Feb. 18, 1924. Bond, $6250. Sureties, Maryland Casualty Co.

BUILDING CONTRACTS

SANTA CLARA COUNTY

BUNGALOWS & GARAGES
ON EAST SIDE OF SOUTH SEVENTH St., southern intersection of lot being 289.50' from Reed St. and having a frontage on Seventh St. of 113.50' and a depth of 137.59'., San Jose. Build complete a seven unit frame bungalow court and 6 garages.
Owner—V. L. Bemis, —.
Architect—Wolfe & Higgins, 93-96 Auzerias Bldg., San Jose.
Contractors—George D. McCrary and Ralph J. Sharp, ——.
Filed Mar. 20, 1924. Dated Mar. 20, 1924.
When frame is up.....$5035.25
First coat plaster on..... 5035.25
Bldg. completed & accepted.. 5035.25
Usual 35 days 5035.25
TOTAL COST, $20,141.00
Bond, One. Sureties, William H. O'Neil, Southern Lumber Co. Forfeit, $10,070.00. Limit, 100 days after March 20, 1924. Plans and Specifications filed on March 20, 1924.

COTTAGE
S HEDDING ST., bet. Myrtle & Laurel Sts., College Park, San Jose. All work for one-story 5-room frame cottage.
Owner—C. B. Ward.
Architect—William H. O'Neil.
Contractor—William H. O'Neil, 500 N-15th St. San Jose.
Filed Mar. 18, '24. Dated Mar. 17, '24.
Roof on $750
Brown coat plaster on..... 750
When completed 750
Usual 35 days..... 750
TOTAL COST, $3000
Bond, $1500. Surety, M. L. Doane. Limit, forfeit, none. Plans and specifications filed.

BUNGALOW
LOT 18 BLK 6, Hanchett Residence Park Tract, San Jose. All work for five-room stucco bungalow and garage.
Owner — William G. Pengilly, 146 Sierra St., San Jose.
Architect—Wolfe & Higgins, 93-96 Auzerais Bldg., San Jose.
Contractor—N. O. Berg, 431 Marshall St., San Jose.
Filed Mar. 19, '24. Dated Mar. 19, '24.
Frame completed $1242
1st coat plaster on..... 1242
Completed and accepted..... 1242
Usual 35 days..... 1242
TOTAL COST, $4968
Bond, $2484. Sureties, Anna L. Schnabel. Limit, 90 days from March 19, 1924. Forfeit, none. Plans and specifications filed.

COTTAGE, 5-room, $3195; Hobson St. near Stn Pedro, San Jose; owner, F. A. Fisher; contractor, Carl Mauer, 241 Locust St., San Jose.
ALTERATIONS, $2500; Park St. near Market, San Jose; owner, J. Redman, 393 W-Santa Clara St., San Jose; architect, Wolfe & Higgins, Augerais Bldg., San Jose; contractor, Z. O. Field & Son, 76 W-San Antonio St., San Jose
COTTAGE, 4-room, $2000; Shortridge St. near 30th St., San Jose; owner, Manuel V. Rose.
ALTERATIONS, $1000; No. 178 N-Ninth St., San Jose; owner, A. F. Currier. Premeises.
THREE 4-room cottages, $2000 each: 12th and Margaret Sts., San Jose; owner, McCrary & Sharpe.
COTTAGE, 4-room, $3500; William St. near 9th, San Jose; owner, O. P. Holaday.
COTTAGE, 5-room, $2750; No. 460 Neglee St, San Jose; owner, P. Geroci; contractor, W. H. Smith.
STORES and residence, $2990; Orchard and Union Sts., San Jose; owner, F. Lawrencella; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, D. Amoroso, 939 Park Ave., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
Mar. 19, 1924—LOT 18 Naglee Park Addition, San Jose. Rose E Kinney to whom it may concern. Mar. 18, '24
Mar. 19, 1924—SW MIDDLEFIELD Road 50 SE Channing Ave SE on Middlefield 50 SW 150 NW 50 NE 150 being ptn of Lot 4 Blg 74, Palo Alto. Charles J Lawrence to whom it may concern.....Mar. 18, 1924
Mar. 19, 1924—LOT 31 Helen Beale Sub No. 2, San Jose. E D Minton to whom it may concern..Mar. 19, 1924
Mar. 19, 1924—LOT 7 Helen Beale Sub No. 2, San Jose. E D Minton to whom it may concern. Mar. 19, '24
Mar. 19, 1924—LOT 6 Helen Beale Sub No. 2, San Jose. E D Minton to whom it may concern..Mar. 19, 1924
Mar 19, 1924—LOT 28 Helen Beale Sub No. 2, San Jose. E D Minton to whom it may concern. Mar 19, '24
Mar. 19, 1924—LOT 5 Helen Beale Sub No. 2, San Jose. E D Minton to whom it may concern. Mar. 19, '24
Mar. 22, 1924—PTN 20-ACRE LOT 77 in Rcho Rincon deSan Francisquito S M Cuthbertson to whom it may concern.....March 22, 1924
Mar. 22, 1924—NO. 651 N-LOCUST ST. being ptn Lots 7 and 8 Sub Blk 41, University Grounds, San Jose. Bernard Striegel to whom it may concern.....Mar. 21, 1924
Mar. 22, 1924—LOT 12 BLK 4, Divine Survey 1, San Jose. Joe Longshore to whom it may concern.....March 21, 1924
Mar. 22, 1924—LOT 15 BLK E Southgaae. Rex Van Den Corput to whom it may concern..Mar. 21, 1924
Mar. 24, 1924—E S P. TRACK and N side Odd Fellow St., Gilroy. Trustees of Gilroy High School District to E Nommensen.....Mar. 13, 1924
Mar. 20, 1924—MOUNTAIN VIEW-Saratoga Road about 1½ mile W of Cupertino. W J Ball to Wm M Meyer.....Mar. 18, 1924
Mar. 20, 1924—W LOWELL AVE, Blk 30 2nd Seale Addition to City of Palo Alto. Bertha C and Edith B Lovell to Wells P Goodenough.....Mar. 14, 1924
Mar. 20, 1924—LOT 13 BLK 31 Lowell Ave., Palo Alto. George E King to whom it may concern..Mar. 19, 1924

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
Mar. 25, 1924—LOTS 63 AND 64 BLK 5 Vendome Park, San Jose. Sunset Lumber Co vs Phelan-Sullivan Cptn, James D Phelan and Mary Phelan $346 50
Mar. 25, 1924—N CLAY 251 W Jackson W 73 N 155 E 53 S 10½ E 20 S 144½ to beg, Santa Clara. Sunset Lumber Co vs Anna Vierra. $65.30
Mar. 25, 1924—BEING N 40 FT LOT 8 Blk 3 Range 4 West Auzerais Addition, San Jose. Hubbard & Carmichael Bros vs Grigory G Panopulos $1191.38
Mar. 24, 1924—LOT 14, Mountain View Acres. The Minton Co vs The Mercantile Trust Co.....$447.84

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW
LOTS 38 AND 39, BLK. 1, Jenevin Sub. San Bruno. Finish and complete one bungalow.
Owner—William Palmer.
Architect—None.
Contractor—F. C. Grisez, Taylor St., San Bruno.
Filed Mar. 15, 1924. Dated Mar. 11, 1924.
Frame up $912.50
Roofed and floored 912.50
Completed 912.50
Usual 35 days 912.50
TOTAL COST, $3650.00
Bond, $1825. Sureties, A. A. Pudsay & Paul Schmidt. Limit, frofeit, none. Plans and specifications filed.

MAUSOLEUM
HOME OF PEACE CEMETERY. All work except bronze doors and marble work for mausoleum.
Owner—Estate Morris Hyman (deceased).
Architect—Samuel Lightner Hyman & A. Apperton, 68 Post St., San Francisco.
Contractor—D. Tosi & Co., Colma.
Filed Mar. 17, 1924. Dated Mar. 14, 1924.
1st each month 75%
TOTAL COST, $9765.00
Bond, Sureties, Forfeit, none. Limit June 21, 1924. Plans and Specifications filed.

LOT 145 SAN MATEO PARK NO. 2, San Mateo. All work except hardwood floors, plumbing, painting and heating for 1½-story frame residence and garage.
Owner—Ralph E. & Vay S. Gray, 425 11th Ave., San Francisco.
Architect—E. L. Norberg, 593 Market St., San Francisco.
Contractor—C. H. Bassett Bldg. Co., Mills Bldg., San Francisco.
Filed Mar. 24, 1924. Dated Mar. 20, 1924.
Frame up $2060
Brown coated 2060
Completed 2060
Usual 35 days 2060
TOTAL COST, $8240
Bonds (2) each $4120; Sureties, The Aetna Indemnity Co.; Bonus $10.00; Forfeit, $10.00; Limit, 75 wk days; Plans and specifications filed.

RESIDENCE
HILLSBOROUGH, RESUB. OF NEWhall. Alterations for 2-story residence.
Owner—George A. Newhall, Hillsborough.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor—Chas. Stockholm & Sons, Monadnock Bldg., San Francisco.
Filed Mar. 22, 1924. Dated Mar. 19, 1924.
Ready for brown coat.....50%
Usual 35 days 50%
TOTAL COST, $13,983
Bond, $6992; Sureties, John Bender & D. J. Sullivan; Forfeit, none; Limit, 55 wk. days; Plans and specifications filed

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
March 25, 1924—LOT 6 BLK 14 Lyon &Hoag Sub. Burlingame. J. W. Collins to Thos. Wike et al..$1622.60

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
March 24, 1924—PART BLOCK 14 San Mateo Fronting on B St., San Mateo. James C. & Ora B. Conway to Mitchell Jackson Co.....
.....March 14, 1924
March 24, 1924—LOT 1 BLK 25 EASton Add., Burlingame. Frank Agelen Baile to whom it may concern
.....March 20, 1924
March 24, 1924—ROOSEVELT SCHOOL SW Cor Broadway & Vancouver Ave., Burlingame. Burlingame School Dist. to R. C. Stickle.....
.....March 22, 1924
March 25, 1924—LOTS 1, 4, 5 WOODland Place Ravenswood No. 1. A. P. Gorcia to whom it may concern..
.....March 22, 1924
March 25, 1924—LOT 1 HUSING ADdition. Sunshine Service Co., care Roy Frey and R. G. Rose to Grant T. Johnson .....March 25, 1924
March 25, 1924—LOT 23 BLK 44 Easton No. 3, Burlingame. Harold Ledd Pierce to whom it may concern .....March 19, 1924

BUILDING CONTRACTS

FRESNO COUNTY

CREAMERY
COR. E AND INYO STS., Fresno. All work except electrical work for 2-story addition to present creamery plant.
Owner—Danish Creamery Ass'n., Prem.
Architect—Ernest J. Kump, Rowell Bldg., Fresno.
Contractor — H. S. Brindle and H. J. Belbeau, Kearney and Madison Sts., Fresno.
Filed Mar. 21, '24. Dated Feb. 28, '24. Semi-monthly payments of.. 75% Usual 35 days.....Balance
TOTAL COST, $11,548
Bond, $2887. Surety, Hartford Accident & Indemnity Co. Limit, 60 working days from date of contract Forfeit none. Plans and specifications filed.

ELECTRICAL WORK ON ABOVE.
Contractor—Tom Robinson, 141 College St., Fresno.
Filed Mar. 21, 24. Dated Feb. 28, '24. Payments same as above.....
TOTAL COST, $2650
Bond, $650. Surety, Fidelity & Casualty Co. of N. Y. Limit, forfeit, none Plans and specifications filed.

STORES, $15,000; No. 2205-19 Stanislaus St., Fresno; owner, Elliott Bradley; Contractor, Trewhitt-Shields, Powell Bldg., Fresno.
STORES, $6000; No. 333-339 Belmont Ave., Fresno; owner, C. M. Logan; contractor, D. D. Mancill, 703 Palm St., Fresno

COMPLETION NOTICES

FRESNO COUNTY.

Recorded Accepted
Mar. 20, 1924—LOT 35 N ½ LOT 34, Nischkian Tract, Fresno. W H Esworthy to whom it may concern.....Mar. 19, 1924
Mar. 20, 1924—S 40 FT. OF W ½ of Lot 9, S 40 Lots 10 and 11 Blk 2, Olivette Park, Fresno. Fred W High to whom it may concern.....
.....March 15, 1924
Mar. 20, 1924—LOTS 17 AND 18 BLK 1, Allen & Binford Tract, Fresno. Edw L Kellas to whom it may concern.....Mar. 15, 1924
Mar. 22, 1924—FRESNO GAS PLANT Pacific Gas & Electric Co to H Dickey.....Mar. 18, 1924
Mar. 22, 1924—LOTS 43 AND 44 BLK 6, College Park, Fresno. A Barato to whim it may concern..Mar 22, '24
Mar. 19, 1924—LOTS 10 AND 11 BLK 1, Terrance Terrace, Fresno. H E Guynn to whom it may concern...
.....March 18, 1924
Mar. 19, 1924—LOTS 21 AND 22 BLK 12, College Park, Fresno. O W Wood to whom it may concern....
.....Mar. 18, 1924
Mar. 19, 1924—LOTS 84 AND 85 BLK 7, Decretion Park Tract, Fresno. Walter Leach to whom it may concern.....March 18, 1924

LIENS FILED

FRESNO COUNTY

Recorded Accepted
Mar. 20, 1924—LOTS 35 AND 36 BLK 6, Roeding Add. Fresno. Maisler Bros vs Sam Sale.....$611
Mar. 21, 1924—LOTS 19 AND 20 BLK 1, Echo Tract, Fresno. Bingham Wenks Planing Mill vs Mary A Waterman and L T Loux.....$326
Mar. 22, 1924—LOTS 33 AND 34 BLK 5, Dean Park, Fresno. W A Beran vs Francis M and Helen D Dyer.$247
Mar. 22, 1924—LOTS 19 AND 20 BLK 1, Echo Tract, Fresno. Van Ness Hardware & Cyclery vs Mary A Waterman and L T Loux.....$20
Mar. 22, 1924—LOTS 19 AND 20 BLK 1, Echo Tract, Fresno. Harris & Pendergrass vs Mary A and F J Waterman $148
Mar. 6, 1924—LOTS 17 AND 18 BLK 1, Echo Tract, Fresno. J L Jones Electrical Works vs F J and Mary A Waterman $108
Mar. 6, 1924—LOTS 17, 18 AND 19 Blk 125, Fresno. P G Pries and Henry Rosenthal vs Fred Nelson and Karl Wilt $168
Mar. 24, 1924—LOTS 19 AND 20 BLK 1, Echo Tract, Fresno. D E Striplin and P C Rasmussen vs Frank Waterman, Mary Waterman and P T Lock $370
Mar 19, 1924—LOTS 35 AND 36 BLK 6, Roeding Addition, Fresno. Smith Hardware Co vs Sam Sale.....$55
Mar. 19, 1924—LOTS 19 AND 20 BLK 1, Echo Tract, Fresno. W T H Martin vs Mary A Waterman...$27

BUILDING CONTRACTS

CONTRA COSTA COUNTY

ONE-STORY frame dwelling, $3500; E 31st bet. Nevin and Barrett, Richmond; owner, N. E. Anderson, 2030 Roosevelt, Richmond.
ONE-STORY frame dwlg., $4000; N Roosevelt bet Key and Ventura, Richmond; owner, D. Evans, San Pablo, Calif.; contractor, K. J. Henning, 545 San Pablo Ave., Richmond.
ONE-STORY frame dwlg., $4500; SE cor. Mount and Humboldt, Richmond; owner, C. Chase, cor. 10th and Nevin, Richmond; contractor, K. J. Henning, 545 San Pablo Ave., Richmond.
TWO one-story concrete tile dwlgs., $3000 each; N Esmond bet. 28th and 29th, Richmond; owner, Contra Costa Realty Co., 1002 Macdonald Ave., Richmond; contractor, Tandy & Thies, 234 Chanslor, Richmond
ONE-STORY frame dwlg., $2500; E 37th bet. Garvin and Esmond, Richmond; owner, D. A. Dodgeth, 820 37th, Richmond.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

BUILDING
LOT 9 BLK 10, Lomita Park, Stockton. All work for building.
Owner—George R. Vincent.
Architect—None.
Contractor—M. A. Orcutt, 616 N-Grant St., Stockton.
Filed Mar. 19, '24. Dated Mar. —, '24.
TOTAL COST, $4435
Bond, none. Limit, 75 working days. Fosfeit, none. Plans and specifications none.

DWELLING and garage, $4000; No. 630 W-Walnut St., Stockton; owner, Robert Vincent.
DWELLING, $7500; No 31 W-Poplar St., Stockton; owner, M. Fontana.
DWELLING and garage, $4000; No. 608 N-Orange St., Stockton; owner, C. F. Anderson, 1709 E-Anderson St., Stockton.
TWO dwellings and garages, $3200 each; No. 1955-1957 S-California St. Stockton; owner, Geo. McGiffick.
DWELLING & garage, $3600; No. 1661 E-Miner Ave., Stockton; owner, Edgar A. Phelan.
DWELLING & garage, $2500; No. 1121 W-Park St., Stockton; owner, J. B. Jackson.
REMODEL, $25,000; 241 North San Joaquin, Stockton; owner, A. Firpo and E. Bozzini, Stockton.
HOTEL and store, $50,000; 115 East Washington, Stockton; owner, Wong Mow, Lincoln Hotel, Stockton.
DWELLING and garage, $4000; No. 1221 W-Acacia St., Stockton; owner, A. W. Nord.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
Mar. 15, 1924—LATERALS NOS. C8 C9 C10 C11 aggregating about 5 miles inlength, desc as certain tract land in Pescadero Reclamation Dist. No. 2058 in Co. of S. J. lying N of Tom Plaine slough, known as Unit No. 2 of said Pescadero Reclamation Dist. No. 2058. California Irrigation Farms to W. H. Campbell .....Feb. 23, 1924
Mar. 17, 1924—STOCKTON HIGH School, Stockton, Cal. Board of Education of Stockton to J. F. Shepherd .....March 13, 1924
March 17, '24—WITHIN EXTERIOR boundaries of South San Joaquin Irrigation District. South San Joaquin Irrigation District, a public corp. (by S. L. Steele) to J. D. Greaves ..... .March 14, 1924
March 17, 1924—LOT 11 BLOCK 18, Stockton City Homestead Assn. Mrs. Alice E. Sweeney to B. B. Quayle .....March 12, 1924
March 18, 1924—EAST ½ LOTS 15 & 16, Block 12, City Park Terrace, Stockton. W. E. Albertson & M. J. Drais to C. F. Anderson..Mar. 11, '24
Mar. 20, 1924—E 137½ LOT 32 (measured to center of street) as shown on map entitled, Map of sub-division No. 6, Stockton Acres, being a subdivision of portion of Sec 4, T 1 N, R 6 E, Stockton. Mrs Louise Schweitzer to O A Lindberg.....
.....March 15, 1924
Mar. 25, 1924—LOT 102, Pescadero Colony Unit No 1, Stockton. California Irrigated Farms to R B Clemmons .....Mar. 15, 1924

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
March 21,1924—LOT 1, DIVISION C Mountain View Acres, Stockton. Santa Fe Lumber Co., a corp., doing business at Tracy under fictitious name of Tracy Lumber Co. vs. Blaz Vasilj .....$700.
March 21, 1924—S 49.65 ACRES OF lot 90, Naglee Burk Tract, Stockton. Santa Fe Lumber Co., a corp., doing business at Tracy under fictitious name of Tracy Lumber Co. vs. Manuel J. Costa ....$400.
March 17, 1924—LOT 1 GRAY ACRES Stockton, Cal. O. A. Lindberg doing business under the name of Pioneer Wrecking & Lumber Co., vs G. A. Hunnewell & B. F. Langford $79.58

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

HOTEL
HOTEL SENATOR, Sacramento. All work for electric fixtures.
Owner—Hotel Senator Corp., Nicolaus Bldg., Sacramento.
Contractor—Severin Elec. Co., 828 Mission St., San Francisco.
Filed Mar. 14, '24. Dated Mar. 6, '24.
TOTAL COST, $9426
Bond, limit, forfeit, plans and specifications, none.

DRIVING PILES
HOOL AND WALNUT GROVE. (R. R. Steam sheds), Sacramento. All work for pulling and driving piles in Sacramento river.
Owner—Southern Pacific Co., 8th and K Sts., Sacramento.
Architect—None.
Contractor—Jenkins & Elton, 3560 Y St., Sacramento.
Filed Mar. 14, '24. Dated Feb. 15, '24.
TOTAL COST, $2879.50
Bond, limit, forfeit, plans and specifications, none.

EXCAVATION
BETWEEN ENGINEER STATION 97 at 18th and R and Engineer station 108 at 21st and R Sts., Sacramento. All work for excavation of roadbed.
Owner—Southern Pacific Co., 8th and K Sts., Sacramento.
Architect—None.
Contractor—D. McDonald, 1118 G St., Sacramento.
Filed Mar. 17, '24. Dated Mar. 8, '24.
TOTAL COST, $900
Bond, limit, forfeit, plans and specifications, none.

BUILDING
E ½ LOT 2 S K ST., between 21st and 22nd Sts., Sacramento. Building.
Owner—C. H. S. Bidwell, Bryte Bldg., Sacramento.
Architect—None.
Contractor—Chas. S. Mabrey, Ochsner Bldg., Sacramento.
Filed Mar. 17, '24. Dated Mar. 14, '24.
TOTAL COST, $7476
Bond, limit, forfeit, plans and specifications none.

WORK NOT GIVEN
BEG AT POINT 80 FT. S 19° 10½' W and 280 ft. N 70° 49½ W from intersection of S line T St. and E line Front St., to N 70° 49½' W 100 ft. th S 19° 10½' W 60 ft, th S 70° 49½' 100 ft th N 19° 10½' E 60 ft to beg. Sacramento. Work not given.
Owner—Pacific Gas & Electric Co., 11th and K. Sts., Sacramento.
Architect—None.
Contractor—Monarch Iron Works, 262 7th St., San Francisco.
Filed Mar. 14, '29. Dated Feb. 29, '24.
TOTAL COST, $2387
Bond, limit, forfeit, plans and specifications, none.

WORK NOT GIVEN ON ABOVE.
Contractor—Reed Blow Pipe Mfg. Co., 340 7th St., San Francisco.
Filed Mar. 15, '24. Dated Mar. 10, '24.
TOTAL COST, $1746
Bond, limit, forfeit, plans and specifications, none.

DWELLING, 1-story 5-room and garage, $4000; 2516 Donner Way, Sacramento; owner, L. J. Miller, 1080 Santa Ynez Way, Sacramento.
DWELLING, 1-story 5-room and garage, $3300; 2314 25th, Sacramento; owner, D. Danielson, 2325 24th, Sacramento.
STORE & ROOM APT., 1-story, $3000 2231 3rd St., Sacramento; owner, M. Soares, 2225½ 3rd St., Sacramento; contractor, M. Furtado, 2423 18th St., Sacramento.
DWELLING, 1-story 5-room and garage, $3500; 2121 X, Sacramento; owner, Mrs. Mary Desmond, 813 14th, Sacramento; contractor, C. W. Palmer, 2422 F, Sacramento.
WIRE new residence, $3750; Lot 5 Blk 9 So Sac; owner, G. F. Bard; contractor, C. H. Chatterton, 2426 F, Sacramento.
DWELLING, 1-story 5-room and garage, $2900; 3317 41st Sacramento; owner, Edwin A. Dunzweiler, 917 V Sacramento.
DWELLING, 1-story 5-room and garage, $3500; 2024 35th, Sacramento; owner, I. L. Johnson, 1260 33rd, Sacramento.
DWELLING, 1-story 5-room and garage, $3595; 5825 Folsom Blvd., Sacramento; owner, John Grammatei, 519 Q, Sacramento; contractor, C. Vanina, 2022 M, Sacramento.
FLAT, 4, 4-rooms each, 2-story and garage, $13,500; 3427 J, Sacramento; owner, A. W. Simmonds, 2005 L, Sacramento.
STORE BLDG., 1-story 5-room, $11,787.50; 907-15 12th St., Sacramento; owner, J. Frank, 915 12th, Sacramento; contractor, Geo. D. Hudnutt Cal. Fruit Bldg., Sacramento.
DWELLING, 1-story 5-room and garage, $2850; 3309 3rd Ave, Sacramento; owner, W. Greer, 3318 2nd Ave., Sacramento.
DWELLING, 1-story 5-room and garage, $3000; 1915 13th, Sacramento; owner, Wright & Kimbrough, 817 J, Sacramento.
DWELLING, 1-story 5-room and garage, $3000; 1909 13th Sacramento; owner, Wright & Kimbrough.
DWELLING, 1-story 5-room and garage, $4500; 1536 37th, Sacramento; owner, Geo. W. Saunders, 3019 2nd St., Sacramento
STORES 2, 1-story, $4500; 2405 21st, Sacramento; owner, W. L. Burch, 4355 Mariposa Ave., Sacramento; contractor, Tibbals Percival and Cress, 214 Forum Bldg., Sacto.
DWELLING, 1-story 6-room and garage, $3000; 2433 Curtis Way, Sacramento; owner, G. W. Martin & Son, 2221 D, Sacramento.
DWELLING, one-story 4-room and garage, $2750; No. 5209 U St., Sacramento; owner, Benna Mathis, 2014 19th St., Sacramento.
DWELLING, one-story 5-room and garage, $4800; No. 1633 39th St., Sacramento; owner, Henry Schmidt, 2727 Sacramento Blvd., Sacto.
DWELLING, one-story 5-room and garage, $5250; No. 4417 G St., Sacramento; owner, J. W. Evans, 302 Plaza Bldg., Sacramento.
RAISE and install 3-room at, $3050; No. 524 11th St., Sacramento; owner, N. Radsinsky, Premises.
RAISE and install 3-room at, $3050; No. 528 11th St., Sacramento; owner, N. Radinsky.
DWELLING, 2-story 6-room and garage, $6000; No. 2017 22nd, Sacramento; owner, Mary Kendall Richardson, 1604 M St., Sacramento.
REMODEL 3 apts., $2900; owner, Mary F. Hill, 2626 J, Sacramento; contractor, C. Vanini, 2022 M, Sacramento.
DWELLING, 1-story 5-room, $3500; 1808 C, Sacramento; owner, M. & J. Damico, 1705 13th St., Sacramento; contractor, C. Vaninia.
DWELLING, 1-story 5-room and garage, $4025; owner, Ray Harding, 1818 G, Sacramento; contractor, E. R. Beebe, 916 38th, Sacramento.
DWELLING, 1-story 5-room and garage, $4015, 854 Santa Ynez Way, Sacramento; owner, Roy Harding, 1818 G, Sacramento; contractor, E. R. Beebe.
DWELLING, 1-story 5-room and garage; $5000; 2420 G, Sacramento; owner, Chas. D. Holdener, 1120 I, Sacramento; contractor, Holdener Const. Co.
DWELLING, 1-story, $5200; 2425 21st, Sacramento; owner, P. A. Ortmann, 2422 22nd, Sacramento; contractor, Siller Bros., 1616 13th St., Sacramento.
DWELLING, 1-story 4-room, and garage, $2500; 240 23rd, Sacramento; owner, F. L. Terra, 1712 W, Sacramento;.
FLATS, 2-story 5-rooms each, and garage, $10,500; 3401 J, Sacramento; owner, M. C. Brown, 812 28th, Sacramento; contractor, W. R. Saunders, 2614 I, Sacramento.
DWELLING, 1-story 6-room, and garage, $4900; 962 42nd, Sacramento; owner, J. I. Uught, 3026 G, Sacramento; contractor, J. P. Howell, 1837 47th, Sacramento.
DWELLING, 1-story 5-room, and garage, $2500; 1840 Discovery Way, Sacramento; owner, E. V. Hartzall, 1232½ F, Sacramento.
DWELLING, 1-story 5-room and garage, $3800; 13948 39th, Sacramento owner, E. M. Reagh.
DWELLING, 1-story 2-room, $3000; 3700 T, Sacramento; owner, John Cuchettini, 212 Q, Sacramento.
DWELLING, 1½-story 6-room and garage, $2500; 4333 T, Sacramento; owner, C. P. King, Elk Grove.
DWELLING, 1-story 5-room, $2950; 317 27th Sacramento; owner, C. F. Chimson, 2814 D, Sacramento.
DWELLING, 1-story, 6-room and garage, $3500; 3341 Stockton Blvd., Sacramento; owner, B. W. Hulin, 8th and Stockton Blvd., Sacramento; contractor, W. H. Hoopes.
DWELLING, 1-story 5-room, and garage, $3000; 3057 Franklin Blvd., Sacramento; owner, Joe Peters; Contractor, J. H. Hoopes.
DWELLING, 1-story 5-room, and garage, $5000; 1208 39th, Sacramento; owner, Clara K. Beilby, 919 21st, Sacramento; contractor, J. W. Hoopes.
DWELLING, 1-story 5-room, and garage, $3100; 2762 26th, Sacramento; owner, J. C. Reir, 0108 8th St., Sacramento.
DWELLING, 1-story 5-room, and garage, $4600; 601 36th, Sacramento; owner, S. W. Ottinger, 1009½ J, Sacramento.
DWELLING, 1-story 4-room, and garage, $2500; 4056 11th Ave., Sacramento; owner, A. R. Taylor, Box 878 Rte 4, Sacramento.
DWELLING, 1-story 4-room, and garage, $3500; 1413 V, Sacramento; owner, L. Folatti, contractor, E. R. Beebe, 916 38th, Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
Mar. 20, 1924—GREENBACK LANE, Sacramento. San Juan Union High School District to whom it may concern .....Mar. 11, 1924
Mar. 22, 1924—S ¼ LOT 4 G, H, 26th and 27th Sts., Sacramento Wm Hector Thomson to whom it may concern .....Feb. 15, 1924
Mar. 22, 1924—LOT 50 M. & S. High School Tct, Sacramento. K Rosenberger to whom it may concern..—
Mar. 14, 1924—BEG AT PT 80 feet S 19° 10½' W and 380 ft. .. 70° 49½ W from intersection of S line T St. and E line Front St. th N 70° 49½' W 100 ft., th S 19° 10½' W 60 ft, th S 70° 49½' 100 ft, th N 19° 10½' E 60 ft. to beg, Sacramento. Pacific Gas & Electric Co to whom it may concern.....Mar. 7, 1924
Mar. 14, 1924—E ½ of W ½ Lot 4, L, M, 18th and 19th Sts., Sacramento. Christ Zampathos to whom it may concern ....Mar. 7, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
Mar .20, 1924—S 60 FT. OF E ½ Lot 5, O. P, 5th and 6th Sts. ,Sacramento. Superior Lumber & Fuel Co vs No. Calif. Baptist Convention $770.11
Mar. 13, 1924—LOT 55 ARCADE Park, Sacramento. Sunset Lumber Co vs Arcade Park Co.....$237.70
Mar. 14, 1924—W ½ LOT 25 9-4, Sacramento. Knox Lumber Co vs Joe Cary $201.77

LEADS FOR BUSINESS

(Continued from Page 18)

Baumann & Jose, 251 Kearny, architects $100,000 apartment bldg. at Sacramento.
Oroville voted $52,000 bonds to finance erection schools.
Bauman & Jose, 251 Kearny, completing plans $10,000 market bldg., Masonic Ave. and Fulton.
APPRAISERS — Neil Murchison (marine), 149 California.
ATTORNEYS—C. F. Rafferty, 620 Market.
C. M. Frey (with White Post and Evans), 620 Market.
W. H. Dowe, 74 New Montgomery.
G. O. Bahrs, (Max J. Kuhl's office), 605 Market.
AUTOMOTIVE—C. H. Hanson (bumpers), 617 Turk.
BEAUTY PARLORS — Marie's Beauty Parlor, 124 Mason.

BRUSHES — H. Fox & Co. (Standard Hardware Co., agents) 5221 Geary.
CANDY — Pru-Nut Creams Co., 871 Geary.
CIGARS—Bouquet Cohn, branch 301 Kearny.
CLOAKS AND SUITS—H. Rubin Inc., 154 Sutter.
EGG DRYING PLANTS—C. O. Bashaw & Co. (16 California), to establish plant 200 Davis.
ELECTRICAL—Wood Electric Mfg. Co 631 Market.
ENGINEERS—F. A. Post (civil) Chronicle Bldg.
FRUIT—Ben Mirabito, 544 Castro.
FURRIERS — Frank Hindshaw, 760 Market.
GLASS AND GLAZING—Wm. E. Newman Glass Co., 1055 Post.
IMPORTERS — Pacific Agency Corp., Clunie Bldg.
INSURANCE—J. E. Phelps, 114 Sansome.
Associated Insurance Co., 240 Montgomery.
MACHINERY—W. S. Doig Inc., Atlas Bldg.
MFRS. AGENTS—Apex Sales Co., 346 Sansome.
MINING—J. T. and E. E. Martin, 381 Bush.
MUSIC—Mills Novelty Co., salesrooms 104 Golden Gate Ave.
PUBLISHERS — Toyo Tsushin Sha Press, Marvin Bldg.
REAL ESTATE—Sheehan & Wolfrey 129 Sutter.
SEWING MACHINES—Home Service Co., 4575 Mission.
SHIPPING — California Ship service Corp. (with Richmond Terminal Corporation), 582 Market.
SHOES—Gallenkamp, branch Post and Fillmore.
TAILORS—Economic Tailor, 796 Mission.
UPHOLSTERY—H. Herblitt, 570 Sutter
MISCELLANEOUS—San Francisco Opera Assn., 220 Montgomery.
Brody & Funt Co., 153 Kearny.
J. E. Koenig to 277 Pine.
J. H. Ames, 133 Geary.
American Liquid Meter Co. (with San Francisco Trading Corp.), Russ Building.
Trident Packing Co., United Bank Building.
Dr. R. E. Newton, 870 Market.
Herman Morris Inc., Dollar Bldg.
ACCOUNTANTS—C. Bosserman & Co., (with Mfrs. and Wholesalers Assn.) Pacific Bldg. to 58 Sutter.
G. A. Gillin, 620 to 760 Market.
ATTORNEYS — R. T. Ainsworth, 230 Sansome to 315 Montgomery.
J. M. Golden, Mills Bldg. to Chronicle Bldg.
F. V. Kington, Mills Bldg. to 58 Sutter.
T. D. Parker, Clunie Bldg. to Mills Bldg.
J. L. Maloy, 703 Market to Liberty Bank Bldg.
C. D. Dudley (with J. M. Peyser), 110 Sutter to Chronicle Bldg.
Eugene Trabusse, 315 Montgomery to 582 Market.
T. R. Edwards, Jr., 110 Sutter to 220 Montgomery.
A. W. Arnold, 916 Kearny to 406 Montgomery.
AUTOMOTIVE — W. L. Claxton succeeded Roy Claxton, Auto Service Shop, 4131 California
Jack North Co. succeeding Hobbs & North, 398 Turk.
Swinehart Tire & Rubber Corp., 718 Mission to 550 Howard.
BAKERIES—H. W. Hersh bought 1663 Baker.
BEAUTY PARLORS—Josie Roy, 2580 to 2623 Mission.
CARPET CLEANING—L & O L Gisslow 1325 Golden Gate Ave to 930 Fillmore
CIGARS—United Cigar Co., 167 Powell to SE corner Powell and O'Farrell soon.
ELECTRICAL—Gottschalk Electric Co 172 5th to 1036 Polk.
GOWNS—Emilie & Co. (Chas. Vigie), 177 Post to 714 O'Farrell.
GROCERS — Stella Pellagrini bought 801 Filbert.
IMPORTERS—Jos. Linares, Postal Tel. Bldg. to 25 Drumm.
INSURANCE—Courtell & Riechenbach, Chronicle Bldg. to 381 Bush.
Inter-Ocean Casualty Co., Hearst Bldg. to Mills Bldg.
E. E. Kortich, Insurance Exchange Bldg. to 38 Montgomery.
LUMBER—F. S. Hamlin, 260 California to Marvin Bldg.
W. M. Manuel, Dollar Bldg. to Marvin Bldg.
MASSAGE — Ducille Allen, 127 Montgomery to 1208 Market.
PAINTING—Chas. Kellogg, 1120 to 510 Valencia.
PHYSICIANS—Dr. Benj. Edger, Jr., 135 to 240 Stockton.
PIPE—National Cast Iron Pipe Co., Rialto Bldg. to 215 Market.
PUBLISHERS—United Publishing Co., 811 Clay to 119 Waverly.
REAL ESTATE—Earl Geno, 242 California to 681 Market.
Kadota Fig Gardens, 681 to 760 Market.
SIGN—Albany Sign Co., 84 6th to 83 Third.
STENOGRAPHIC — Miss Coghlan, 105 Montgomery to Chancery Bldg.
STUDIOS—H. W. Brown (vocal), 220 Post to 700 Mason.
TAILOR—Thos. Tasso, Chronicle Bldg. to 127 Montgomery.
MISCELLANEOUS—Purchasing Agents Assn. of Northern California, 605 Market to Insurance Exchange Bldg.
Dr. Axel Einarson (naturopath), 165 Post to 693 Sutter.
Star Film Corp., Flatiron Bldg. to Clunie Bldg.
R. L. Coleman, 406 Montgomery to 220 Montgomery.
Califelt Insulation Mfg. Co. (Madrigol & Co., rep.), 216 Pine.
ATTORNEYS—A. T. Roche, 110 Sutter to Hearst Bldg.
J. M. Trusty; J. B. Zimdars; Wm. Grant and C. F. Humphrey, United Bank Bldg. to 582 Market.
CANDY—E. Cooper, 493 8th Ave.
Ko-Ko Candy Co. (Oro Mayer), 1670 15th.
CHIROPRACTORS—Anna Bell, Gillette Bldg.
CIGARS—Victoria Toscani Cigar Co., factory 4795 Mission.
CORSETS—G. F. Thomson, Commercial Bldg.
DELICATESSEN — Wm. Menne, 525 Scott.
DRAYAGE—H. S. Rapp Co., 50 Natoma to 199 New Montgomery.
ELECTRICAL—Drew Electric Co., 706 Geary.
ENGINEERS — Eara Burgess (civil), Hearst Bldg. to 604 Mission.
GLASS AND GLAZING—Sness Glass & Mfg. Co., 510 Van Ness Ave.
GROCERS—Michel Shanehan, 393 30th.
IMPORTERS—E. P. Baker Co. (L. C. Haven), 440 Geary to 58 Sutter.
INSURANCE—B. A. Ivancvich, 235 to 315 Montgomery.
S. C. Hall, 315 Montgomery to 312 California.
Bruce H. Rutherford & Co., Inc., 155 Montgomery to 142 Sansome.
Lincoln Casualty Co. 459 Montgomery
IRON AND STEEL—Rosenberg Iron & Metal Co. and National Sanitary Rag Co., 540 8th to 1001 Bryant.
LADIES APPAREL—E. A. Jacob, 130 Sutter.
LEASES—Lease negotiating, 490 California.
Addie Dexter, 1201 Gough.
MACHINERY — Link Belt Meese & Gottfried Co., change from Meese & Gottfried Co., 19th and Harrison.
Staples & Pfeiffer moving from 102 Steuart soon.
MFRS. Agents—J. A. Tresch, Furniture Exchange Bldg. to 209 Post.
Chas. Fisher (Ocean Bathing Suit Co.) 112 Kearny to 49 Geary.
PARCEL Delivery—Morton Special Delivery, 229 Eddy to 385 Taylor soon.
PLUMBING SUPLIES—Germain Bros. Co., Chancery Bldg.
REAL ESTATE — Lang Realty Co., branch 46th and Anza.
Stewart & Osborne (2063 Mission), branch 5156 Mission.
M. J. Goodman, 109 Montgomery.
Hymans & Blatteis, Mills Bldg.
RESTAURANTS—King's, 330 O'Farrell soon.
Dewey Ehrenberg, 612 Great Highway.
Lincoln Dairy Lunch (G. M. Collins), 405 Washington.
SCALES—Paramount Springless Scales Co. (A. A. Hargar), 700 Cabrillo.
SCHOOLS—A. Espinosa (golf), Hanford Bldg. to 555 Sutter.
SHADE FACTORY — Acme Window Shade Co., 3263 24th.
STORES—New tenant 385 Taylor soon.
TAILORS — Harry Mankowitz, 616 O'Farrell to Pantages Bldg.
TAX EXPERT—W. G. Harkins, Chronicle Bldg. to 582 Market.
TEXTILE—Mission Silk House, 2611 to 2438 mission.
TEXTILE—H. Hirsch Sons, 112 Kearny to 49 Geary.
VINEGAR—Thos. Percare to open wine vinegar plant 2779 Folsom.
MISCELLANEOUS — Boiler permit issued to Finn & Gans, 68 9th.
United Cigar Stores Co., premium department, 175 O'Farrell to new store at corner soon.
Redwood Novelty Co., 444 Market to 200 Davis.
Quality Brands Co., Liberty Bank Bldg. to 523 Market.
INSURANCE — Gillette & Moore, 1 Montgomery.
IRON AND STEEL—Greenberg Bros. & Sugarman, 40 Spear.
MACHINERY—Staples & Pfeiffer moving 102 Steuart—528 Bryant.
MFRS. AGENTS—E. L. Hendrickson Co. (Bodin Mfg. Co.), of Allentown, Pa., spark plugs, 54 Natoma.
MEAT—Wreden Meat Market (Thos Jones), 2290 Fillmore.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery etc. Send for rates in your territory, advising class of work in which you are interested.
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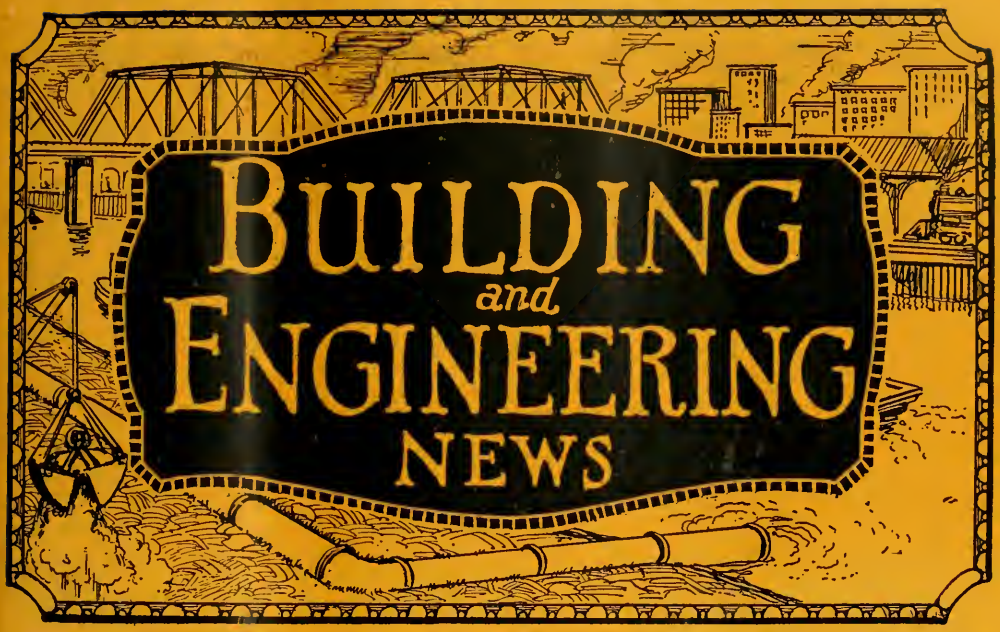

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Twenty-fourth Year No. 14

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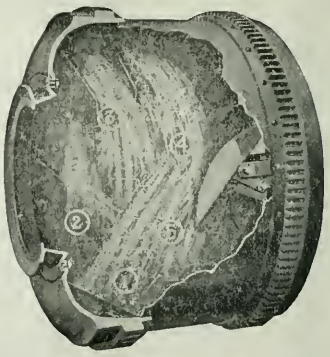

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., APRIL 5, 1924 — Twenty-fourth Year No. 14

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LOWER COSTS IS AIM OF NEW STREET SPECIFICATIONS

John A. Griffin, Los Angeles city engineer, has drafted new specifications for city street work, sewers and storm drains, which are being considered by the city council. The proposed specifications are intended to eliminate unnecessary red tape, provide for wide open competition and thereby reduce the cost of public improvements. Concerning the revised specifications City Engineer Griffin says:

"These various items of construction have previously been covered by six different sets of specifications, and many of the requirements for materials and methods were at variance. This has caused considerable confusion and unnecessary difficulty. Many of the requirements for material and methods of construction in the older specifications are obsolete, and it is proposed to bring them up to date and to a uniform standard.

"In order to give fair play to all of the various material men involved and also to the contractors, a preliminary copy of these specifications has been forwarded to each one of these companies or individuals with a request that they give the same their careful study and present any suggestions or criticisms which they may have to the city engineer."

INCREASE IN REGISTERED MOTOR VEHICLES TOTALS 3,000,000

On December 31, 1923, there were 15,092,177 motor vehicles in use in the United States, according to statistics collected by the Bureau of Public Roads of the United States Department of Agriculture. During the past year the number registered increased by 2,853,802 vehicles, a greater increase than in any preceding year.

This increase which is 187,000 registrations greater than the gain in any other year means that the public demand for road improvement, already strong, will be strengthened, and a more general use of the road, particularly in a business and commercial way, will result. As indicative of the commercial trend motor truck registrations now total over one and one-half million, the hundred thousand mark having been passed in New York, Ohio and Illinois and the fifty thousand mark in Indiana, Massachsettes, Michigan, New Jersey and Pennsylvania.

Total registrations now total over a million in California, New York, Ohio, and Pennsylvania.

While the owners of motor vehicles are insistent in their demand for more and better roads, the statistics show that they are bearing a very considerable share of the cost of the roads, especially of the cost of maintenance of the State highways. Gross receipts from registration fees together with the licenses of drivers, chauffeurs, etc., amounted to $188,900,000 or 23 times the amount derived from this source in 1913. During the same period motor vehicle registrations have increased twelve times.

In 35 States a gasoline tax ranging from one to four cents per gallon is imposed. Revenue from this source, amounting to $36,300,000, is spent very largely for highway purposes. This revenue will be materially increased in 1924 since in many States such taxes have been in effect only a few months.

Past experience seems to indicate that registrations will continue to increase materially during the present year. There is no doubt that road construction will continue at about the same rate which has been maintained for the past two years. Much of this construction will be on roads never before improved.

HOLLOW TILE MADE LIKE FACE BRICK

A hollow tile made of the same material and having the same color and texture of face brick is announced. It is sold for hardly more than half the price of face brick and it is claimed that it will lower the material cost on a facing job without sacrificing needed strength or beauty. It is a 2-cell tile, designed to be laid horizontally, and measures 12 by 8 by 5 inches. Another size, 5 by 4 by 12, is manufactured for use where the larger size is not desired. This facing unit is made by the Alliance Brick Company, Alliance, Ohio, and is known as the Alliance Ruff Texture Hollow Facing Tile. The same concern makes high grade face brick for facing purposes and a special grade of brick for mantels, offering a range of pleasing colors and textures.

BULLETIN COVERING DRAINAGE DISTRICT ASSESSMENTS ISSUED

The United States Department of Agriculture has issued a new bulletin which is intended to serve as a guide to drainage district officials in apportioning the cost of drainage district improvements. The publication is known as Department Bulletin 1207, "Drainage District Assessments," by George R. Boyd and R. A. Hart.

The authors states that apportionment of cost is often the cause of long and expensive litigation, sometimes delaying projects from five to ten years and adding as much as 25 per cent to the cost of improvement. To avoid such litigation assessors should have a knowledge of the principles underlying the assessments of various kinds of land, allowances for damages, assessments in sub-districts, against two or more districts, against railroads, highways, canals, and other related matters. Laws, court decisions, and practices vary considerably in different sections but the underlying principles of assessment according to benefits have now become well established. It is the purpose of the bulletin to set forth these principles in a way understandable to the layman as heretofore no suitable text book has been available.

$5,000,000 IS COST OF FEATHER RIVER HIGHWAY

R. M. Morton, state highway engineer, has reported to the state highway commission that the minimum cost of building a state highway up the North Fork of the Feather River to connect Oroville, Butte County, with Quincy, county seat of Plumas County, will aggragate between $5,000,000 and $6,000,000, with the possibility that the completion of engineering investigations now under way will show an increase in this amount.

Morton's estimate is contained in a preliminary report which has just been submitted to the commission. It had been hoped to complete the investigation by March 15th, but the amount of work involved made this impossible. A detailed estimate of the cost and additional information will be furnished the commission in the near future.

PAINT AND VARNISH COLORS ARE CUT TO 10 PER CENT

Recommendation of definite simplification program of paint and varnish colors to become effective on September, which the manufacturers' committee declared represented an average reduction of 10 per cent in the size and varieeies now produced, and a reduction through the substitution of types of cans of about 25 per cent was adopted at a meeting of manufacturers' and distributers' representatives held in Division of Simplified Practice, Department of Commerce, Washington. This represents the culmination of negotiations which began in December, 1921.

Members of the National Retail Hardware Dealers' Association appearing for the consumer interest, urged a further reduction, offered a memorial commending manufacturers who had made reductions below war-time standards and pledged co-operation in any futher eliminations.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

East Bay Water Company has been directed by the California State Railroad Commission to proceed immediately with the installation of additional water mains and pipe in the cities of Alameda, Berkeley, Oakland, Richmond, San Leandro, Emeryville and Piedmont, required to provide an adequate service of water for municipal purposes, principally required for additional fire protection in the east bay cities. The Commission will take testimony at a later date with the view to determining the proper charges to be paid by such municipalities for this service.

The Fresno Realty Board will be invited to appoint a committee to confer with a committee from the Fresno Builders' Exchange with the object of forming a permanent joint committee of the two organizations, it is announced by R. W. Chrouch, secretary of the latter organization. A better class of building and maintenance of stability in building conditions will be the purpose of such a committee, according to Chrouch.

Sacramento building operations for March show a decrease of $106,616 in valuation in comparison with March 1923. During March of 1923, a total of 347 permits were issued with a valuation of $722,688 while 324 permits were issued during the past month for improvements totaling $622,072. Permits issued during the first three months of this year total $1,969,866. During the past month 138 new homes were erected at a cost of $461,835

The "set-back" ordinance of the city of Los Angeles was declared invalid by the appellate court in passing upon the application of Hector H. Zahn and A. W. Ross for a writ of mandate to compel the board of public works to issue a permit for the erection of store buildings in a district which had been zoned for residences, churches, clubs and similar structures

Palo Alto building permits for March totaled $130,000 as compared with $196,786 in February and $74,115 in January of this year, making the total activities for the past three months $400,901 as compared with $466 846 for the corresponding period in 1923. Since the first of the year the building inspector reports the issuance of 47 permits for new homes.

Samples of earth taken from Barris Hill, near Dinuba, now the property of L. Mitchell of Los Angeles, have been forwarded to the University of California for analysis. The substance is thought to be asbestos and was uncovered by men working on irrigation ditches.

Earl Hoffman and R. A. Hiscox have combined forces as the Hoffman-Hiscox Lumber Company with offices in San Francisco and Los Angeles. They will handle cargo business and have chartered the Willapa.

City of Santa Rosa will shortly ask bids to construct sewage disposal plant, estimated to cost $160 000. Bonds were recently voted to finance construction.

Lynn S. Atkinson, Jr., and C. A. Spicer, contractors of Los Angeles, announce the organization of a new firm, to be known as the Atkinson-Spicer Co. Pending incorporation the new association will be operated as a copartnership. The new firm of Atkinson-Spicer Co will maintain offices in connection with Mr. Atkinson's present office, 921 Chapman Bldg., Los Angeles. The Atkinson-Spicer Co. will complete the contract previously awarded to Lynn S. Atkinson, Jr., covering the construction of Sec. 8 of the Los Angeles outfall sewer, and will engage in general contracting business in southern California, specializing in engineering construction Mr. Atkinson will also continue to conduct a general contracting business as heretofore, handling contracts outside of the southern California district.

The feature of the comparable reports received by the National Lumber Manufacturers' Association from 382 of the leading commercial sawmills of the country was an increase of about 12 per cent in new business for the week ending March 15, as compared with the previous week. At the same time production fell off slightly, while shipments remained stationary. As the number of reporting mills was 15 less than for the preceding week, the actual improvement in the situation may have been somewhat more than the figures would indicate.

Plans are under way by the State Highway Commission to eliminate nineteen grade crossings on the state highway between Auburn and the Nevada State line. This will be accomplished by realignment of the highway in many instances and by construction of overhead and underpasses at other points.

President Coolidge has designated April 21-27, inclusive, as the 1924 Forest Protection Week. The President in his Proclamation will urge "all Governors and all citizens, either in association or as individuals" to make proper observance of the Week.

Seattle building permits for March totaled $2,151,860 as compared with $1,362,985 for the same period in 1923 and $1,791,670 in 1922. During the past three months a total of $7,710,625 has been invested in Seattle building construction.

Discovery of a huge deposit of magnesite in southern Nevada, southeast of Beatty and the possibility of developing a new industry in Nevada state, is announced by Governor J. G. Scrugham of Nevada.

Organization of a fifty million dollar corporation which will underwrite industrial development throughout Southern California, is announced by the Los Angeles Chamber of Commerce.

February structural steel sales are estimated at 189,800 tons, against 184,600 in January and 202,800 in February, 1923.

Paraffine Companies, Inc., is expending approximately $500,000 in the installation of new machinery and equipment at the Emeryville plant.

ALONG THE LINE

Edgar G. Ritchie, engineer of water supply of the Melbourne & Metropolis Board of Works, Melbourne, Australia, who is on a three months' water works inspection tour of the United States, was a recent visitor to San Francisco. During his stay he was taken on an inspection trip of the Hetch Hetchy water project, accompanied by M. M. O'Shaughnessy, San Francisco city engineer, and Jas. Tyler, assistant engineer of the city of Auckland, New Zealand.

J. A. Costello, San Francisco contractor, has brought suit against the State Highway Commission for $9000, a balance due, it is claimed, on four miles of the Delhi Highway, on which the State has paid $44,156 The complaint recites that there has been a dispute over the claim of the contractor for additional payment under the agreement and Costello declares that $9000 is still owing him.

The fifty-fourth annual convention of the American Society of Civil Engineers will be held at Pasadena June 18 to 20, inclusive. Arrangements for the entertainment of the visitors are in the hands of the Los Angeles Section.

Chas. M. Ennis, assistant city engineer of Sacramento for the past three years, has been named city engineer of Chico and will commence plans at once for an extensive street paving program. Ennie succeeds F. A. Lammiman, resigned.

Richard Lutge, John Schneider, Julius Lutge and Jos. Arnke have formed a co-partnership and will operate under the name of the Folsom Street Iron Works with general offices and plant at 3153 Eighteenth street, San Francisco.

Constant Arch Angle Dam Co., capitalized at $10,000 has been incorporated. Offices will be maintained in the Hobart Bldg., San Francisco. Directors are: A L. Erb, C. W. Faries and L. R. Jorgenson.

California State Highway Commission will expend $4,000,000 in maintenance and repair of state highway during the year 1924, according to announcement of A. C. Wagner, state highway maintenance engineer.

Yreka Chamber of Commerce will petition city trustees to adopt ordinance providing for the appointment of a city manager. Petitions will be circulated urging the appointment.

Fresno County Crime Commission recommends to county supervisors the employment of convict labor. The proposal has the backing of several civic organizations.

W. O. Mills of Berkeley, Calif., silk manufacturer, is in Marysville where he proposes to establish a plant for the manufacture of silk.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

AMERICAN SOCIETIES TO PARTICIPATE IN INTERNATIONAL MANAGEMENT CONGRESS

Arrangements for American participation in the International Management Congress in Czechoslovakia, July 21 to 24, are in the hands of representatives of the Management Division of the American Society of Mechanical Engineers, the Taylor Society, the Society of Industrial Engineers, The National Association of Cost Accountants, and the American Management Association. Attendance at the Congress is not limited to members of these societies. The Czechoslovakian government announces that any American engineers interested in management problems will be welcome at the sessions of the Congress. Those planning to attend should notify the Secretary of the Committee in Charge of Arrangements, Dr. H. S. Person, 29 West 39th St., New York.

The five general subjects to be considered at the Congress are: (1) Management in General; (2) Industrial Management; (3) Management in Quasi--Public Basic Industries; (4) Management in Public Administration; (5) Education of Management

BUILDING LABOR INFLUX DENIED AT SEATTLE

A report to the effect that approximately 3000 building tradesmen are leaving other American centers of population and intend coming to Seattle for work is not taken seriously by members of the Associated General Contractors or Secretary Robarge of the building trades council at Seattle.

"There are a few more union building tradesmen available in Seattle at this time than was the case a few weeks ago," states Secretary Robarge, "but there is no such number of union men entertaining any idea of coming to Seattle in the building trades field. The report is without foundation."

Secretary Bogart of the Associated General Contractors Association, asserts that "This association has heard the report but we know that it is not based on fact and consequently give it no consideration."

FRESNO ENGINEERS NOMINATE

Nominations of officers to be elected on April 12th were made at the annual dinner dance of the Fresno Chapter, American Association of Engineers, Saturday evening, March 22.

Those named are: President, R. J. Moore and E. K. Barnum; first vice-president, Max Enderlein; second vice-president, Shirley P. Corfield; secretary, J. M. Buswell.

Al C. Joy presided as toastmaster and short talks were given by C. B. Jackson on The Place of the Engineer in the Community and by Harold K. Fox on The Glory of Achievement.

SEATTLE A. A. E. ELECTS

Seattle Chapter, American Association of Engineers, has elected the following executive officers to serve during the ensuing year: President, R. H. McKee; vice president, Maj. A. A. Oles, J. A. Earley, E. G. Zwilgimyer, C. L. Wartelle; secretary-treasurer, A. J. Warner.

SPECIFICATION PRIZE OFFERED

The American Association of Engineers offers cash prizes of $25 and $10 for the best and second best drafts of specifications for an ideal member, the award to be made at the San Francisco convention, June 11-13.

Anyone may compete. The draft of specifications must be limited to 300 words, and preference will be given to those of 150 words. Drafts must be in the hands of the secretary of the association, 63 E. Adams street, Chicago, not later than May 15.

UNION BUILDING SUPPLY CORPORATION IS TO ORGANIZE

Announcement was recently made of the proposed organization of a $6,000,000 building supply corporation under union direction. The sponsors of the corporation are W. J. McSorley, Cleveland, vice president of the International Union of Wood, Wire, and Metal Lathers; Thomas Preece, Indianapolis, vice president of the Bricklayers' Masons,' and Plasterers' International Union; and John Coefield, Chicago, president of the United Association of Plumbers and Steamfitters.

LUMBER HEADS MEET

Members of the executive board of the California Lumbermen's Association, met in Bakersfield, March 28, to discuss general business conditions and prepare a budget to care for the financinal problems of the organization.

The delegation was headed by President C. W. Pinkerton of Whittier, and Manager A. B| Wastell of the association from San Francisco. Others attending the session were: F. D. Prescott of Fresno; E. L. Fox, Los Angeles; H. R. Rutherford, Los Angeles; Matt Harris, San Francisco; W. T. Davis, San Francisco; E. W. King, Bakersfield.

SHEET METAL MEN ELECT

Delegates from Seattle, Tacoma and Portland Sheet Metal Contractors' Associations, at a meeting in Portland, Ore., March 28, organized the Sheet Metal Contractors' Association of the Northwest. The following officers were elected: President, Geo. W. Frazier of J. C. Bayer Co., Portland; vice-president, Dave Bowen of Puget Sound Sheet Metal Works, Seattle; secretary-treasurer, A. C. Penny of Western Blow Pipe Co., Seattle.

LUMBER INTERESTS TO MEET

The twenty-second annual meeting of the National Lumber Manufacturers' Association will be held at the Congress hotel, Chicago, April 17 and 18. It will be preceded on April 16 at the same place by a meeting in the interests of trade development activities. The purpose of the meeting will be to discuss problems applying particularly to engineering, building codes, lumber publicity and advertising and retail service activities.

SHORTAGE OF PAINTERS

The American building industry is at present suffering a shortage of about 25,000 painters and decorators, according to a statement recently made at a convention of the International Association of Master House Painters and Decorators.

ST. LOUIS CONTRACTORS ORGANIZE TO FIGHT LABOR DEMANDS

The organization of the Associated Building Interests of St. Louis, is the outcome of strenuous attempts on the part of leading contractors in that city to form a central body capable of representing employers of building craftsmen.

Faced with demands from hodcarriers and laborers for an increase of 20 cents an hour over the present scale, and with the ultimatum from the painters, who want $1.50 an hour and a five-day week, St. Louis builders were moved to action The result has been the launching of an organization that employs about 80 per cent of the building craftsmen in the city.

The active power of the association will be exerted through a group council composed of three representatives of the employers of men in thirteen major building crafts. This body is empowered to enforce rules and prohibitions laid down by the general organization.

In addition to using the co-operation available through the efforts of member contractors' associations the new association is seeking to organize an advisory council composed of representatives of local associations of architects, engineers, bankers, and real estate men.

The first step of the Associated Building Interests was to serve notice on the laborers' and the hodcarriers' unions that unless they accepted the proffered 10 cents per hour increase this compromise offer would be withdrawn. Agreements with the iron workers and cement finishers were entered into while the demands of the painters were promptly refused as being exorbitant.

STANDARDIZATION IN HARDWARE PRICES IS FAVORED

Results of the first of a series of country-wide surveys to ascertain the attitude of both wholesale and retail dealers toward resale price legislation are announced by the American Fair Trade League. According to these figures the principle of price standardization is favored by a large majority of the hardware jobbers and retailers of the country.

The survey covers a cross section of the hardware trade representing 152 cities and towns in 31 states. Jobbers in these places questioned as to their feeling toward "the manufacturer's attempting to maintain jobber's resale prices," answered as follows: Favorable, 81.8 per cent; opposed, 9.1; doubt feasibility, 5.2; neutral, 3.9.

The same jobbers gave their attitude toward the manufacturer's attempting to maintain retailer's resale price generally,, as follows: Favorable, 66 7 per cent; opposed, 12 per cent; doubt feasibility, 10.7 per cent; neutral, 10.6 per cent.

Retail dealers, including some who sold furniture and general merchandise as well as hardware, answered the question whether they "would like to see retail price on such merchandise maintained by the manufacturer if legally possible to do so," as follows: Favorable, 59 per cent; neutral, 21.2 per cent; opposed, 16.5 per cent; doubt feasibility, 3.4 per cent.

"BLACK BASE" HIGHWAY CONSTRUCTION

By George W. Craig, C. E., Chicago, Ill. Paper read before the 16th Annual Convention of the Engineering Society of Wisconsin, Feb. 21, 1924.

It has often been said that there are two schools of thought in the matter of suitable foundations for wearing surfaces of various types of pavements that are now commonly used, that is the rigid base and the flexible base. In directing your attention to the latter, the flexible types, it will be necessary to point out that these types have been in use successfully from the inception of our modern-day paving construction. The use of macadam, graveled and bituminous foundations for suitable wearing surfaces have been used to much greater extent than is generally supposed. It is not uncommon in some of our older cities to find pavements that have been in service from twenty-five to forty years, which have natural cement concrete foundations in which the cementing properties have long ceased to exist, and with but rare exception the contour and alinement of these old pavements compare most favorably with the latter day rigid type of construction.

Many other types of flexible on non-rigid foundations have been in constant use, notably well compacted on old macadam, gravel roads, and bituminous or black base foundations laid upon either of the above mentioned materials or block base laid directly upon the natural sub-grade. The freedom of the flexible types of pavements from transverse cracks and other disintegrations due to expansion and contraction within the base or sub-grade is evidenced to a marked extent; in many instances there is an utter absence of these objectional features.

Most competent paving authorities are devoting a great deal of attention to the subgrade. The research work that is being carried on by the U. S. Bureau of Public Roads, the State Highway Department of Illinois under the able direction of Mr. Clifford Older, and the work of the Pittsburgh road tests in California, all point to a careful consideration of the subgrade problems. Many features brought out in these investigations have clearly demonstrated that too little thought has been given to the subject of subgrade. These conclusions are equally applicable both to rigid and flexible types of pavements. It is generally conceded that greater attention should be given to the preparation of the subgrade rather than increasing the strength of the pavements. We are agreed that the bearing power of soils under different conditions vary greatly; that the moisture content has a marked influence, but by careful attention to the matter of drainage and the use of certain admixtures of other materials, such as sand, gravel, etc., the value of this variable is materially reduced. It is known that the expansion of soils due to capillarity is greater at some seasons of the year than others. With these conditions as stated it is believed by many that the flexible type of base is preferable. An attempt will be made to prove later in this discussion by citing numerous examples that this preference is justified.

In the use of black base uniform contact with the subgrade constantly exists and in this way a greater uniformity of load distribution is secured throughout the entire structure. It is reasonable to assume, from the California experience and certain results obtained from the research work mentioned, that a considerable portion of the moisture which is contained in the subgrade is transmitted vertically either downward through the surface of the pavement or from below by capillarity, or both. A well constructed black base pavement can be said to be waterproof, thus shutting off water that may come from the surface, and by using fine sand or other suitable materials in the subgrade, where necessary, the effect of capillarity can be practically eliminated.

In designing a black base pavement for such conditions as are mentioned the writer does not lose sight of the fact that it is possible for subgrade conditions to be unfit for this type of construction, and it can also be said that this would be equally true for all other types of pavement. In other words, there is no type of pavement that can be considered a banacea for all ills. Expert advice is too often overlooked to the detriment of the best interests of the paving industry.

The application of black base construction in the surfacing of existing Telfords, macadam and graveled roads has a wide field in addition to the use above stated. The abandoning of these types of highways for more stable pavements is due almost entirely to the fact that such types are no longer economical on account of excessive maintenance and lack of smoothness. Although these types will not withstand the ravages of rubber tired traffic as surfaces, they are with a few exceptions, amply able to carry the load requirement. At certain seasons of the year sections of these types of pavement become unstable due to saturation and frost action. Due to the fact that such structures are porous, the moisture from snow water and rains penetrate through these materials and thus cause an unstable subgrade. Black base is the most waterproof of all modern pavements, and it can be said that water will not penetrate through this type of pavement.

Mr. Chris. P. Jensen, (county surveyor of Fresno County, Calif.), member American Society of Civil Engineers, in a paper entitled "The Use of Asphalt Concrete in Pavement Bases," presented at the Asphalt Conference at Denver, Colo., August, 1923, in summing up his discussion on subgrade, says:

"On an adequate subgrade, an asphaltic concrete base has ample stability to transmit the heaviest loads. Properly constructed asphalt concrete has a specific gravity equal to, or better than, the specific gravity of the usual hydraulic concrete. We have attempted to show, as a result of tests made, that asphalt concrete absorbs more or the shock of impact and transmits less of the same shock to the subgrade; it is only fair to assume that the angle of impact diffusion would be the same in both classes of pavement. It is therefore highly reasonable to assert that the same, or a less thickness of asphaltic concrete will perform the same duty as a given thickness of hydraulic concrete."

Examples of black base construction are to be found in many localities throughout the United States and Canada. A notable example is the north side of Washington St., Chicago, Ill., immediately adjoining the Marchall Field Stores—here has existed since 1911 a black base pavement laid directly upon the natural subgrade. This pavement is within the loop district with unrestricted traffic regulations, also the areaway between State St. and Wabash Ave. stores of Marshall Field & Co. is another example which has cost nothing for maintenance in twelve or thirteen years. It is believed that this street is subjected to as heavy traffic as any thoroughfare in this country. The present condition of this pavement compares favorably with any, and surpasses many other sections within the loop district.

Selecting examples in widely scattered localities—Visalia, California has a black base pavement on the main street that was laid in 1894 directly upon the native subgrade. Reports to date indicate that no repairs have been made. In this same locality there exists on the principal highways considerably more than one hundred miles of black base laid directly on the subgrade, some of which were laid many years ago.

The continued use of this type of construction in new work would indicate its serviceability. Portland, Oregon has had a continued growth of black base until there exists in that city at the present time more than two hundred thousand yards. Calgary, Canada, with the most severe climatic conditions, has many thousands of yards. Ontario highways, several miles; Omaha, Neb. pavements of twenty years or more of service; Florida; North Carolina; Massachusetts; Delaware; Washington, D. C.; Maryland; Owensboro, Ky.; and Decatur, Ill., Brush College Road built last year. Flexible base pavements, including black base and macadam, compose almost the entire boulevard system of the City of Chicago. The portion of the boulevard system known as Michigan Ave. carries as dense traffic, including heavy motor busses, as any boulevard in the United States. It can also be said the other portions of the boulevard system are heavily taxed with traffic. Many other cities have adopted this type for street construction. Similar resurfacing of graveled streets and roads has also kept pace with the others. Grand Rapids, Mich. successfully using less thickness of black base than is usually recommended. Some of these streets, so paved, have been in existence from ten to thirteen years, with maintenance charges practically nill. The Michigan State Highway Department has directed that a section of about eight miles be constructed near Lansing. West Virginia has also adopted the same type and authorized the construction of about five miles. The State of North Carolina, with its sand asphalt roads also constitutes another notable eqample.

Conclusions:

1. The first cost of black base types of pavement compare most favorably with other types.

2. Black base requires the use of mineral aggregates that are commonly used in rigid types of construction.

3. The average maintenance costs are the lowest of any type of the so-called permanent class of pavement. The present day method of surface heating makes repairs economical and substantial, at a low cost.

4. Provides intimate contact with the subgrade, thus preventing displacement of the sub-soils, and also providing maximum value as a distributing medium.

5. Black base being a homegeneous mass, is of such a character that it

readily unites with the, bituminous surface and with a positive bond.

6. Provides against objectionable cracks and other defects that are associated with the rigid type of base.

7. With examples of thirty to forty years duration which are now in existance, long life can be reasonably expected.

8. Quickness of construction provides against tedious delays and long curing periods, thus curtailing the prerogatives of Old Man Detour.

SAN FRANCISCO BUILDING TOTALS FOR MARCH

Private building operations in San Francisco during the month of March totaled $4,652,933, according to John P. Horgan, chief inspector of buildings of the department of public works. During the month 994 permits were issued of which 542 were for new structures costing $4,312,768, the balance of the total expenditure being for alterations, repairs and additions to standing structures.

Home building continues to be the big factor in the San Francisco activities. The March operations covered the erection of 493 frame structures of which 95 per cent represented home building construction. The total number of frame buildings erected during the past month is exceeded only by three other months in the history of the city, these being October and November 1906 and April 1907. During those months 638, 544 and 649 permits respectively, were issued for frame buildings comprising homes, apartments, flats, etc.

March activities, both in the number of permits issued and cost of the improvements, exceed those of January and February of this year and those of the first three months in 1923.

Activities covering the first three months of 1923, based on the number of buildings permits granted, follow: Jan. 718 permits, $3,205,811; Feb. 782 permits, $3,278,676; March 977 permits, $3,229,572.

During January of this year 773 permits were issued representing improvements totaling $3,178,413. February operations totaled 734 permits for construction, costing $3,912,166.

Following is a complete report covering March operations, as issued by the City Building Department:

Class	No. of Permits	Est. Cost
"A"	2	$ 523,000
"B"	1	146,000
"C"	45	788,178
Frames	493	2,734,094
Alterations	452	340,165
Harbor Bldgs.	1	121,499
Total	994	$4,652,933

L. A. TRAFFIC DEMANDS BIG MONEY EXPENDITURES

Solving traffic problems will be a big item of expense for the city and county of Los Angeles during the next eight or ten years in the opinion of City Engineer John A. Griffin. The cost of opening, widening and extending at least 35 major streets of the city, as now contemplated is estimated by him at approximately $100,000,000. For elimination of grade crossings and replacement of bridges $25,000,000 will be needed. Initial cost of a subway system in the congested section is estimated at $100,000,000. Construction of heavy duty highways to connect Los Angeles with neighboring cities will require $50,000,000, the cost of which would be borne jointly by the city and county. These items total $275,000,000. Bonds will be voted to finance the improvements.

:: TRADE NOTES ::

S. F. Bowser & Co., now located at 612 Howard street, will move April 15 to new quarters at Rich and Brannan streets, San Francisco, doubling its floor space, working forces and output. Increased demands for tanks and pumps for lubricating oils necessitates the expansion. The San Francisco plant will market products in Montana, Idaho, Utah, Oregon, Washington and California.

The Otis Elevator Company has called a special stockholders' meeting for April 28 to vote on a proposal to increase the common stock from $15,000,000 to $25,000,000 and at the same time to consider a reduction in par value of the common shares from $100 to $50. If proposed reduction in par value is approved the common stock will be split on basis of two for one.

Sun Portland Cement Co., operating a plant at Lima, Ore., contemplates early construction of the second unit and the installation of additional equipment. George MacDonald is vice-president and general manager of the company.

Sudden & Heitman Lumber Co., 1950 Third street, San Francisco, announces change in phone number from Market 686 to Market 4330. Yards of the company are maintained at Third and Mariposa streets.

Detroit Steel Products Company announces the appointment of B. E. Bawlus as manager of architectural Fenestra sales. Mr. Bowlus has been identified with the steel sash business for fifteen years.

Old Mission Portland Cement Company announces the appointment of the Atlas Mortar Company as its exclusive distributor in San Francisco. Warehouse stocks will be carried at 569 Tenth street and St. Roses avenue and Collins street.

A. Quandt & Sons, San Francisco painting contractors, were the successful bidders for the painting and decorating work on the California Palace of the Legion of Honor, now under construction in Lincoln Park. The structure is a gift of Mr. and Mrs. A. B. Spreckels to the city of San Francisco and will cost $2,000,000.

Valley Concrete Pipe & Products Company of Yuba City has leased property at Fourth and Alameda Sts., Reno, Nevada, and will establish a plant for the manufacture of its products.

Chas. E. Parcells, formerly of Parcells Safe Co., has opened quarters at 55 New Montgomery street, San Francisco, as sales agent, handling electric light fixtures.

A. L. Venzina and John Diestel, general contractors, announce they have formed partnership and will maintain office quarters at 235 Montgomery St., San Francisco.

Coast Lumber Company, capitalized at $50,000, has been incorporated in San Francisco. Directors are: Byron Coleman, J. C. McClymont and Beatrice Nelson.

Milton A. Purdy, 15 Spear street, San Francisco, has been appointed exclusive representative in San Francisco for the A. P. Green Fire Brick Company of Mexico.

Fred Bocchio, for several years with the United Materials Company, has been appointed San Francisco representative of the Martin Company, manufacturers of Mission Stucco.

The Hayward Lumber & Investment Co. has secured a lease on a yard site at Merced and will open up next month.

CONTRACTORS SUE SUGAR PINE LUMBER COMPANY

The Sugar Pine Lumber Company and the Minarets and Western Railway Company, operating in Fresno and Madera Counties, are made defendants in a suit for more than $1,000,000 filed in the federal court at San Francisco by the Warren Construction Company, charging breach of contract.

The construction company built for the defendant companies a railway line extending from Friant thirty-five miles into the mountains and another road from Purtyman Pass to Camp Whiskers, all on a cost plus basis, the complaint sets forth. It is alleged by the construction company that the chief engineer for the railway and lumber companies made "incorrect and arbitrary estimates of the work done by the defendant company," placing on it a valuation too low.

The sum off $837,276 is asked from the Minarets and Western Railway and about $450,000 from the Sugar Pine Lumber Company, being the difference in engineering estimates, together with certain damages.

The lumber company and railway company are companion corporations with the interlocking directorates, the complaint declares.

CIRCULAR FURNISHES DIRECTIONS FOR PLASTERING

A circular telling how plastering is done, and in many cases why it is done in a certain way, has recently been published by the Bureau of Standards. It is the result of a three years' study of the plastering industry, during which many experts on the different phases of the subject have been consulted. The practical part of the paper gives directions for preparation of a masonry wall to receive plaster, specifications for lath, directions for erecting lath, specifications for the ingredients of plaster, and directions for their mixing and application. The properties of plastering are discussed in detail, and conclusions drawn as to the best kind of plaster to be used for a given purpose. Some of the common defects are explained and their remedies suggested. These directions are embodied in Circular 151 of the Bureau of Standards entitled "Wall Plaster: Its Ingredients, Preparation, and Properties." Copies may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. The price is 15 cents cash.

Just The Core

Compiled by
California Development Ass'n.

Alameda—$200,000 extensions planned for Neptune Beach.

Alturas—$100,000 box factory under consideration.

Burbank—Construction of $250,000 cotton mill being considered; $100,000 three-story addition planned for Burbank Hospital.

Compton — $100,000 high school building to be erected.

Covina—$150,000 high school science building to be constructed.

Davis—$100,000 to be spent in rebuilding Community Church recently destroyed by fire.

El Monte—$65,000 laundry plant planned by the Mission Laundries.

Fairfield—Calif. Peach Growers Association to rebuilt plant destroyed by fire. Loss estimated at $125,000.

Fresno County—Santa Fe to spend $300,000 for improvements and track maintenance.

Fullerton—$250,000 theatre and office building to be erected soon; $35,000 factory planned by Mutual Mfg. Co. for manufacture of mattresses.

Hollywood — Twelve-story office building planned by the Calif. Pac. Holding Co.; $150,000 four-story brick hotel building to be built.

Los Angeles—$150,000 of $1,000,000 expansion program to be spent by Paraffine Cos., for new buildings; $150,000 two-story warehouse to be erected by Public Service Comm.; $442,000 to be expended for 3 modern hotel and store buildings.

Oakdale—$50,000 improvements to Church Springs Resort planned by J. Ruiz.

Oakland—$250,000 to be spent for factory buildings by Illinois Wire & Cable Co.; Pacific Malleable Castings Co., plan construction of modern factory; P. G. & E. Co. to spend $800,000 for additions to elect. distributing system in East Bay Dist. Modern metal-ware plant planned by Niedringhaus, Inc.

Orange Co.—$1,500,000 bond issue proposed to improve harbor.

Orange—$500,000 modern four-story hotel contemplated.

Pasadena—$875,000 bonds to be voted March 28 for city school district development.

Riverside Co. — $135,000 improvements to be made at Urbita Springs.

Sacramento — $100,000 store and apartment building planned for 12th and L streets.

San Bernardino—$450,000 five-story hotel building to be erected; $250,000 store and theatre building contemplated by F. C. Platt Inv. Co.

San Bernardino Co.—$850,000 bonds to be voted May 6 for courthouse.

San Diego—$3,500,000 bond issue for development of water supply on San Diego River to be voted May 20.

San Francisco—$150,000 three-story apartment planned for Pierce and Union Sts.; $130,000 garage building to be built for Cowell Estate Co.; $110,000 laundry building to be erected at 18th and Alabama streets; plans being prepared for Railroad Terminal in the vicinity of Howard and 11th, Valencia and Market streets.

San Jose—$100,000 building being planned by San Jose Mercury; $15,000 Commercial Club building under consideration.

San Luis Obispo — $50,000 storage battery factory planned.

South San Francisco—30 blocks of concrete alleys to be constructed.

Watsonville—$100,000 Pajaro Valley Country Club planned.

Westwood—$500,000 veneer plant contemplated by Red River Lumber Co.

Woodland—$250,000 bonds to be voted for new high school March 29.

Yuba City—Earl Fruit Co., plan erection of fruit packing and shipping plant on site recently purchased.

Conference on Simplification of Tanks

After representatives of tank manufacturers, distributors, and consumers had made studies of sizes, working pressures, and other factors connected with pneumatic tanks, cold water storage tanks, gasoline, fuel oil, and distillate tanks, active steps were taken to bring about eliminations of unusual shapes and sizes of these products through the co-operation of the Division of Simplified Practice, Department of Commerce, under whose auspices meetings of the interested groups were held.

Eastern interests in each case prepared tentative recommendations which are to be submitted within the next few weeks to Western manufacturers as a basis for further progress. This was a preliminary action, the Eastern group stated, which will enable an agreement to be reached at the Western conference which will probably be held in Chicago.

In the case of the cold water, pneumatic, and hot water storage tanks, representatives of the American Institute of Architects, the National Association of Master Plumbers, the American Engineering Standards Committee, the United States Chamber of Commerce, and other national groups were present and were consulted while the group studying tanks for private water systems was addressed by Miss Miriam Birdseye of the Department of the Agriculture Extension Service. Miss Birdseye told the manufacturers that the Department of Agriculture is keenly interested in furthering any plan which will enable the farmers of the United States to install modern appliances, and she expressed the view that the conference was a step in that direction.

Among the tentative recommendations adopted by the group studying pneumatic tanks was the grading of six sizes of vertical and nine horizontal tanks. The former included 16x36", 16x48", 20x60", 24x60", 30x72", 36x72"; and the latter 36x120", 42x120", 48x120, 48x240", 60x252, 72x288", 48x240", 60x 252", 72x288". It was also voted that 85 pounds working pressure should constitute the standard rather than test pressure; and that for sizes up to and including 36x129" gauge glass should be 12 inches with 13½" centers and for larger sizes gauge glass should be 20 inches with 21½ inch centers. These tentative plans, it was stated, represented a reduction from more than 100 varieites.

The cold water storage tank, it was brought out, in 75 per cent of cases, is built on specifications furnished by architects or persons other than the tank manufacturers. There is no standard, and frequently square or rectangular tanks are specified, when the round type would be from 20 to 25 per cent cheaper by reason of reduction in stocks and other expenses under the present system. LeRoy Kern, of the American Institute of Architects, told the group he believed architects would favor a simplified line of such tanks and that he would be glad to present the recommendations of the conference to the Institute. The group proposed recommendations to be sent to other manufacturers of house tanks, calling for vertical installations of non-pressure tanks with flat bottoms in capacities ranging from 1500 to 20,250 gallons, and sizes from 5 feet diameter and 5 feet in height to 15 feet in diameter by 15 feet in height. These will be discussed by other manufacturers and brought up at a general conference later.

Fire departments of various cities and representatives of the National Fire Protection Association and the National Board of Fire Underwriters were represented along with other groups at the conference on the simplification of gasoline and fuel oil storage tanks. The recommendations included limitation to 12 sizes as follows: 280, 550, 1000, 1500, 2000, 3000, 4000, 5000, 10,000, 12,000, 15,000, and 20,000 gallons, these applying to tanks shipped assembled. It was also suggested that in all fuel storage tanks of 1,000 gallon or greater capacity manholes be installed to provide for cleaning out and thus to increase safety. Reviews of manufacturers lists showed from 30 to 150 different types, sizes and capacities of tanks for storage of gasoline, fuel oil, and distillate. Battalion Chief Edgar B. McKnew of the Baltimore Prevention bureau furnished considerable detailed information as to safety features and methods of installation, on which recommendations could be based.

NEVADA CONTRACTOR SUED

M. P. Armstrong, who had a contract with the Nevada state highway department to construct a gravel pit and rock crushing plant near Vista, was made defendant with the Fidelity and Deposit Company of Maryland in a suit filed at Reno by Dan H. Leech and Alexander Mackie, contractors, for labor, materials and supplies. The complaint alleges that the plaintiffs furnished material, supplies and labor to the extent of $16,348.94 and that $10,318.15 still is owing. The Fidelity company is made defendant in view of the fact that it went upon Armstrong's bond, it is set forth in the complaint.

BIDS REQUESTED FOR KLAMATH INDIAN TIMBER

Charles A Burke, commissioner of the Indian department, is advertising for bids on the North Marsh unit of Klamath Indian timber, including 30,000 acres of unallotted pine lands within an area of 56,000 acres and with an estimated stand of 300,000,000 feet of western yellow pine timber, according to word from Klamath Falls, Ore.

Within the limits of the unit there is an additional area of 1540 acres of unallotted land with an estimated stand of 5,000,000 feet of timber.

The size of this tract is made apparent by the fact that at the ordinary rate of cut of 60,000,000 feet annually it would require five years to remove the timber from the North Marsh unit.

The advertisement states that no bid will be considered for less than $4.50 per 1,000 feet for the yellow and sugar pine, $2.25 for the fir and cedar, and $1 for other species.

Three other reservation units—a total estimated stand of 774,600,000 feet, were offered by the Indian department recently.

Building News Section

APARTMENTS

Plans Being Prepared.
APARTMENTS Cost, $125,000
SAN FRANCISCO. E Jones St. bet. O'Farrell and Geary Sts.
Six-story Class C reinforced concrete apartment house.
Owner—O. E. Anderson, 483 15th Ave., San Francisco.
Architect — Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $125,000
SAN FRANCISCO. S Ellis St., bet. Leavenworth **and Hyde Sts.**
Six-story Class C apartment house
Owner—M. Cohn.
Architect — Baumann & Jose, 251 Kearny St., San Francisco.
Segregated figures will be taken about April 2nd.

Plans Completed.
APARTMENTS Cost, $20,000
SAN FRANCISCO. SW Chestnut and Laguna Sts.
Three-story and basement frame (12) apartmcnts
Owner—G. A. Tuck.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $100,000
SAN FRANCISCO. N Sacramento St. W Franklin St.
Four-story reinforced concrete apartment house.
Owner—Louis Stoff, 1035 Sutter St., San Francisco.
Architect—Baumann **& Jose, 251 Kearny St.**, San Francisco.
Plans will be completed in about a week, when the owner will take sub-figures.

Sub-Figures Being Taken.
APARTMENTS, ETC. Cost, $200,000
SAN FRANCISCO. N Turk St. 87-6 W Leavenworth St.
Seven-story and basement reinforced concrete apartmeat and store building (2 stores and 50 2-room apts.)
Owner—A. Penziner, 750 Taylor St., San Francisco.
Architect—Owner.

Contract Awarded.
APARTMENTS Cost, $32,550
SAN FRANCISCO, NW **3rd Ave. and** Irving.
Two-story apartment bldg. (5 apts).
Owner—Thomas Skelly and W. A. Kohler, **1334** 9th St., San Francisco.
Architect—A. Klaber.
Contractor—Arthur H. Kahn, 131 Clayton, San Francisco.

To Be Done By Day's Work.
APT. HOUSE Cost, $16,000
SAN FRANCISCO, E Castro St. 110 N 20th
Two-story and basement frame and stucco apt. house (4 3-room apts)
Owner—J. O'Leary.
Architect — O'Brien Bros., 318 Montgomery St., San Francisco.

Plans Being Figured.
APT. HOUSE Cost, $40,000
OAKLAND, 12th St., bet. Grove and Castro Sts., Oakland.
Three-story brick apt. house.
Owner—I. Mendelson, 892 54th St., Oakland.
Architect — Miller & Warnecke, Perry Bldg., Oakland.

Contract Awarded.
APARTMENTS Cost, $40,000
SAN FRANCISCO, NW Larkin and Greenwich Sts.
Three-story frame and stucco apartment house.
Owner—Miss Annie Convey.
Architect — Powers & Ahnden, 460 Montgomery St., San Francisco.
Contractor—Joel Johnson & Son.

Contract Awarded.
APT. HOUSE Cost, $35,000
REDWOOD CITY, San Mateo Co., Cal., Daune St.
Two-story frame apt. house (4 2-room, 9 3-room and 1 6-room) garages for 12 machines.
Owner—Henry A. Jansingand wife, 615 Webster St., Redwood City.
Contractor — L. N. Pollard, Redwood City.

CALISTOGA, Napa Co., Cal. — See "Garages," this issue.

Concrete Contract Awarded — Sub-Figures Being Taken for Other Portions of Work.
APARTMENTS Cost, $40,000
SAN FRANCISCO. S O'Farrell 114-6 E Larkin.
Four-story and basement concrete (32) apartments.
Owner—E. V. Lacey, 180 Jessie Street, San Francisco.
Trenching, leveling, backfilling conc. forms, concrete work; awarded to L. Vannucci Bros., 16th and Valencia Sts., S. F., at $17,200.

Segregated Figures Being Taken.
APARTMENTS Cost, $75,000
SAN FRANCISCO, Eddy bet. Larkin & Hyde.
Six-story and basement reinforced concrete apts. (22 2-room and 1 3-rm. apartments)
Owner—E. H. Denke, E. W. Bowes and J. & B. Bell.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.

Plans Complete.
APARTMENTS Cost, $26,000
SAN FRANCISCO, S Clinton Park 85 W Guerrero St.
Three-story and basement frame (12) apartments.
Owner — Joe Piasecki, 239 Clinton Park, San Francisco.
Architect—N. R. Coulter, 46 Kearny St., San Francisco.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. **Fold-up-Dors,** Ti-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-slipping flooring. — Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET

Sutter 5907 San Francisco

Owner Taking Sub-Figures.
APARTMENTS Cost, $18,000
SAN FRANCISCO, W Guerrero 122 S 22nd.
Three-story and basement frame (11) apartments (10 2 and 1 3-rm apts)
Owner—Chas. Schwarz, 185 Stevenson, San Francisco.
The general work will be done by day's labor by the owner, who is a contractor.

LOS ANGELES, Cal.—Paul G. Moorhead, 212 Hollywood Security Bldg., will erect a 46-room 22-apartment bldg on Kenmore Ave. between 8th and 9th Sts., for himself. Three-story 43x97 ft., brick construction, press. brick facing, comp. rfg., marble and tile work, pine trim, oak and pine flrs., wall beds, gas rads.; $50,000.

LOS ANGELES, Cal.—Pacific Housing Corp., 634 S Western Ave., has the contract to erect a 54-room 26-apartment court on Coronado St., between 2nd and 3rd Sts., for Henry A. Cogswell, 657 N Mariposa Ave. Two-story and part 3-story, 28x132 ft., frame and plas. construction, comp. rfg., pine trim, oak and pine flrs, wall beds, gas rads., water htrs.; $55,000.

LOS ANGELES, Los Angeles Co., Cal —E. E. B. Meinardus, 1506 Orange St., has prepared plans for a three-story Class C store and apartment house to be erected at the southwest corner of Sunset Blvd. and Logan St. for Henry C. Jensen, 1728 Westmoreland Blvd. Three-story 94-rooms, 46 apartments. Dimensions, 135x141 ft., brick walls, pressed brick facing, plate glass, steel beams, composition roofing, pine trim, oak and pine floors, wall beds, tiled baths, water heaters, gas radiators. Cost, $100,000. Work will be done by the day and sub-contract.

LOS ANGELES, Cal.—Archt. Charles Lee, 329 Douglas Bldg., is preparing plans for a 2-story 60-room apt. bldg. to be erected at 532 Hobart Blvd. for I. W. Fiske. Two-story 60x140 ft., brick walls, comp. rfg., gas steam htg., tile baths and drainbds., hardw. fls., hardw. trim, fire escapes, elevator, incinerator $75,000.

LOS ANGELES, Cal.—A. L. Miller, 1162 N Alexandria Ave., will erect a 112-room 28-apartment bldg. on Mariposa Ave. north of Santa Monica Blvd. for himself. Dimensions, 72x227 ft., 2-story frame and plas. construction, cedar shingle rfg., pine trim, oak and pine flrs., tiled baths, water htrs., gas rads.; $121,000.

BONDS

SAN BERNARDINO, San Bernardino Co., Cal.—Directors of the Orange Show propose to finance the construction of a permanent exhibit building by a bond issue for probably $100,000. Proposed building will be 125x350 feet, of steel and concrete construction.

SAN BERNARDINO, Cal.—The $850,000 court house and hall of records issue will be voted on at the presidential election May 6.

SUNNYVALE, Santa Clara Co., Cal. — Trustees of Westside Union High School District contemplate election to vote bonds to finance construction of new high school buildings. An architect is yet to be selected.

REDONDO, L. A. Co., Cal.—An election will be held April 21 to vote on a $275,000 school bond issue in the Redondo grammar school district.

WHITTIER, L. A. Co., Cal. — The $100,000 bond issue of the Los Nietos high school dist. carried at the recent election.

BELLINGHAM, Wash. — Board of Education will call election to vote bonds of $425,000 to finance erection of new schools and additions to standing buildings.

WOODLAND, Yolo Co., Cal.—Woodland Union High School District votes bonds of $250,000 to finance construction of high school to replace structure destroyed by fire. A portion of the destroyed building, walls, etc., will be used in the new building. Plans are being prepared by Architect W. H. Weeks 369 Pine St., San Francisco.

SAN BERNARDINO, San Bernardino Co., Cal.—The Yucaipa $19,000 school bond issue, the $10,000 Cram school dist. issue, and the $45,000 Fontana school dist. bond issue, carried at the recent election.

CHURCHES

Plans Awaiting Approval—Bids To Be Called For Shortly.
CHURCH Cost, $200,000
BERKELEY, Alameda Co., Cal., 2516 Durant St. (Epworth University Church).
Three-story class A reinforced concrete church, stone or terra cotta exterior.
Owner—Board of Missions of M. E. Church, Nashhville, Tenn.
Architect—J. A. Baylor, Louisville, Ky.
Bids will be called for shortly by the trustees of the Epworth University Church, Durant and Telegraph Ave., Berkeley. Plans are now in the hands of the trustees for approval.

Plans Approved.
CHURCH Cost, $130,000
SACRAMENTO, Sacramento Co., Cal., SE 21st & J.
Brick church bldg. (1st unit—social hall, Sunday school and church auditorium).
Owner — Grace Methodist Episcopal Church (Rev. M. Warner).
Architect—Wollett & Lamb, Mull Bldg. Sacramento.

SAN DIEGO, San Diego Co., Cal.—Sisters of Our Lady of Peace, who conduct the local academy, have purchased the Vandruff property at Oregon and Copeland Sts. as site for an enlarged academy, which will be moved to the site from Third and A Sts. In addition to the buildings already on the property, two Italian villa style buildings will be erected. One of these will contain 12 classrooms, study halls and an auditorium with capacity for 500. The other will contain private rooms for boarders.

LOS ANGELES, Los Angeles Co., Cal.—Architect Albert C. Martin, 228 Higgins Bldg, is preparing plans for a rectory to be erected on West Adams St. near Figueroa St. adjoining the new St. Vincent's church. It will contain 15 rooms and 6 baths; 2-story, brick construction, stucco exterior, clay tile roofing, hardwood interior trim and floors, tiled baths, steam heating. Cost, $75,000.

LOS ANGELES, Cal.—Archt. Emmett Martin, 408 Citz. Nat. Bank Bldg., has been commissioned to prepare plans for a new church bldg. to be erected at Lorena and Garnett Sts., for the Roman Catholic Bishop of Los Angeles and San Diego. Rev. William O'Regan, pastor; it will contain an auditorium to seat about 400 people. Frame constr., shingle rfg., pine fls., comp. rfg., pine trim, gas htg., art glass.

LOS ANGELES, Los Angeles Co., Cal.—Architects S. Tilden Norton and Frederick H. Wallis, 716 S. Spring St., Los Angeles, have been commissioned to prepare plans for a new synagogue to be erected at Fourth St. and New Hampshire Ave., for Sinai Congregation, Dr. Mayer Winkler, rabbi. It will have an auditorium to seat about 1500 people, basement with kindergarten and assembly hall with classrooms. Masonry construction, 1-story and basement, plaster exterior, tile roofing, hardwood, pine and cement floors, gas heating system, water heater, hardwood and pine trim, art glass, etc.

SIERRA MADRE, L. A. Co., Cal. — The Passionist Fathers have asquired a 100-acre tract of land, known as Mt. Tara Springs estate, as site for a large monastery which will be the headquarters of the Western Province of the order. Father Eugene Creegan is Provincial of the Western Province. The plans include a retreat and training school for members.

CULVER CITY, L. A. Co., Cal. — Dan F. Coombs, 6717 Putnam St., Culver City, has the contract to erect a new church bldg. at cor. Watseka Ave. and Faris Dr., Culver City, for the Churc of Christ, Scientist. Frame construction; it will be of the English type with shingle rfg. and plaster exterior; there will be an auditorium and study room.

FACTORIES AND WAREHOUSES

Contract Awarded.
FACTORY Cost, $20,000
OAKLAND, Alameda Co., Cal. Gore 107th St. and Hollywood Ave.
One-story brick and concrete factory.
Owner—Fageol Motors Co., Premises.
Architect—None.
Contractor—E. T. Leiter & Son, 407 Call Bldg, San Francisco.

Contract Awarded.
LOFT BLDG. Cost, $50,000
SAN FRANCISCO, S Howard E 8th.
Two-story class C loft bldg.
Owner—J. J. Nelson.
Architect—R. W. Jenkins, Diamond St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Contractor Taking Sub-Figures.
PHOTO STUDIO $30,000 approx.
SAN FRANCISCO, Howard & Russ Sts.
Three-story reinforced concrete class B photo studio.
Owner—Bear Film Co., 572 O'Farrell St., San Francisco.
Architect — August G. Headman, Call Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Contract Awarded.
FACTORY Cost, $9500
SAN FRANCISCO, N Folsom 150 E 5th.
One-story reinforced concrete factory.
Owner—Wm. Hoelscher.
Architect—Arthur G. Bugbee, 26 Montgomery St., San Francisco.
Contractor—L. A. Hinson, 1228 Grove St., San Francisco.

Sub-Contracts Awarded.
BUILDING Cost, $30,000
SAN FRANCISCO, S 9th St. 100 E Howard.
One-story and mez. class C reinforced concrete industrial bldg. 180,000 sq. ft.
Owner—S. F. Realty Syndicate.
Lessee — Gruss Air Springs Co., Inc.
Architect—A. J. Horstmann, 110 Sutter St., San Francisco
Contractors—Barrett & Hilp, 918 Harrison St., San Francisco.
Electrical work to Victor Lemoge, 281 Natoma St., San Francisco.
Steel to Fair Mfg. Co., 617 Bryant St., San Francisco.
Roofing to Malott & Peterson, 2412 Harrison St., S. F.
Lumber to Loop Lumber Co., Central Basin, San Francisco.
Plumbing to Geo. Rehn, 1979 Mission St., San Francisco.

Segregated Figures To Be Taken Next Week.
SHOP Cost, $15,000
SAN FRANCISCO, SE Clinton Park and Valencia.
One-story reinforced concrete auto painting shop, 50x180.
Owner—J. J. Tobin.
Architect — Arthur Bugbee, 26 Montgomery St., San Francisco.

Segregated Figures Being Taken.
FACTORY BLDGS. Cost, $250,000
OAKLAND, Alameda Co., 80th Ave.
Group of 6 concrete and brick factory buildings (1st unit to cost $40,000)
Owner—Illinois Wire and Cable Co., Sycamore, Ill.
Architect — Washington J. Miller, 417 Market St., San Francisco.
Figures are being taken for the 1st unit (office, factory and warehouse).

Segregated Figures Being Taken.
SHOP BLDG. Cost, $20,000
SAN FRANCISCO, N Natoma St. 200 E Sixth.
One-story and mez. floor brick shop bldg. 105x80 (trussed).
Owner—Vernon Inv. Co.
Architect — O'Brien Bros., 318 Montgomery St., San Francisco.
Segregated figures are being taken as follows:
Brick work.
Plumbing.
Concrete work.
Electric work.

MARYSVILLE, Yuba Co., Cal.—W. O. Mills, of Berkeley, silk manufacturer, is in Marysville conferring with Chamber of Commerce regarding establishment of plant in that city for the manufacture of silk.

LUMBER

2 x 4 and 2 x 6 soft Pine, S4S, irregular ends, 6 to 10 feet lengths, some nail holes, nice clean stuff.

$15.00 per M. (Our Yards)

PAINTS

Flat White $1.60
Outside White 2.10
White Enamel 2.10
in 5's

THE REVADA CO.

251 STEUART STREET - SAN FRANCISCO

Garfield 6733

Contracts Awarded.
ADDITIONS Cost, $50,000
OAKLAND, Alameda Co., Cal.. 2725 E-14th St.
One and 2-story reinforced concrete brick and mill additions to plant.
Owner—The Magnavox Co., 2725 E-14th St., Oakland.
Architect—B. J. Cahill, 357 12th St., Oakland.
Grading to ArissKnapp Co., 961 41st St., Oakland.
Reinforcing steel to U. S. Persons, Hearst Bldg., San Francisco.
Concrete work to F. E. Nelson, 3090 King St., Berkeley.

Figures To Be Taken Next Week.
LAUNDRY BLDG. Cost, $110,000
SAN FRANCISCO, 18th & Alabama Sts.
Two-story and basement class C reinf. concrete laundry bldg. 200x200, a 1 & 2-sto extension to be 40x100 ft.
Owner—Independent Laundry.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Bids recently were returned to the bidders unopened and plans revised for a larger building.
Bids will be taken for a general contract.

LOS ANGELES, Cal.—Cudahy Packing Co., 803 Macy St., has had plans prepared for a class A Bldg. to be erected at its plant at 803-811 Macy St. It will be part 3-story and part 4-story, 103x137 ft. with an extension 51x69 ft.; reinf. concrete frame, flrs. and roof slab, brick filler walls, comp. rfg., steel sash, steel rolling doors, elevators; $200,000.

POMONA, L. A. Co., Cal.—Consolidated Laundries, Inc., (Judge C. Walter Guerin, pres.) is planning to build a $100,000 laundry plant at s.e. cor. E Monterey and Eleanor Sts., Pomona. The bldg will be of mill type, brick front and steel and glass side walls. 150x120 ft. H. W. Kueline, secy. of the United Mtge. & Loan Corp., Los Angeles, is secy. and financial manager of the company.

WATSONVILLE, Santa Clara Co., Cal.—N. G. Papic, Peter Paskovich and N. Gluhan, all of Watsonville, plan early construction of a 320,000 fruit drying plant in Market St. adjoining old baseball park. Main building will be 100 by 150 ft., with auxiliary plant 30 by 50 feet.

SAN JOSE, Santa Clara Co., Cal.—Beech-Nut Co. of Calif., J. S. Ellithorp, president, plans erection of a four-story factory at 4th and Margaret Sts., construction to be started within two years. Plans will manufacture candy and gum.

ASTORIA, Ore. — Standard Oil Co. plans erection of $100,000 fueling station.

LIME, Ore. — Sun Portland Cement Co., operating plant here, contemplates early construction of 2nd unit of plant buildings and the installation of additional equipment. George MacDonald is vice president and general manager of company.

SEBASTOPOL, Sonoma Co., Cal.—E. D. Seaton, Jr., (Hamilton and Seaton), Santa Rosa, has purchased Winkler ranch and plans erection of packing plant. A structure covering an area of 150 by 200 ft. is contemplated. Pacific Fruit Exchange will also erect a plant on the Dunbar-Hansen property.

PASADENA, L. A. Co., Cal.—Hamm & Grant, Inc., industrial engineers, 607 Ferguson Bldg., Los Angeles, have completed plans and started construction of a factory building on S Raymond Ave., Pasadena, for the Wickercraft Furniture Co. The building will be 4-story 101x124 ft., reinf. conc. walls mill-construction interior, steel sash, compo rfg., elevator, fire escapes, sprinkler system, reinf. conc. water tower with wooden tank. Cost, $55,000.

PETALUMA, Sonoma Co., Cal.—Jacob Kreh, Petaluma, plans early construction of factory to manufacture colored crayons, writing ink and library paste.

LOS ANGELES, Cal.—Weber Showcase & Fixture Co. has started erection of 1-story factory bldg. at 5714 S Park Ave. for itself. Dimensions, 360 by 800 ft. Cement fl., brick walls, wood frame of slow-burning construction, saw tooth roof, wood roof sheathing, comp. rf., steel sash, reinf. conc. and brick vaults, plumbing, elec. wiring for illumination and power, heating, sprinkler system. The work will also include boiler house, sprinkler tank and tower of reinf conc., two 100-h.p. boilers, dust collection system, reinf. conc. sawdust bin, dry kilns. Original architectural plans by Walker & Eisen, archts., Pacific Finance Bldg. Structural and mechanical plans by Hamm & Grant, Inc., industrial engineers, 607 Ferguson Bldg., who have started construction of the plant as their engineers for the Weber Showcase & Fixture Co. Cost of plant complete, $300,000, not including machinery.

SEATTLE, Wash.—Standard Oil Co., plans to establish a distributing plant at the north end of Lake Union recently purchased by the company. Work will be started at once, a fire wall to surround a tank farm, the first installation of which will comprise three 10,000 bbl. steel tanks.

PORTLAND, Ore.—Announcement is made that the General Petroleum Co. of Calif., and the Spreckels interests of San Francisco will finance erection of a soda production plant at Alkali Lake in Central Oregon. Construction is estimated at $300,000.

MONROVIA, L. A. Co., Cal.—The Union Iron Works has the contract to erect three factory bldgs., including foundry, machine shop and assembling plant, at Monrovia, for the Colby Management Corporation, Pac. Elec. Bldg., which manufactures Wizard tractor, Vacuum street cleaner, Oldfield die cutting machines and Kimball trucks. The bldgs. will each be 100x300 ft., steel frame construction, concrete walls, corrugated iron rfg., saw-tooth roof construction, steel sash. The sales and service departments will be located adjoining the present site at 1709 E 9th St., where the company has purchased additional property and contemplates the erection of a 6-story to 8-story class A bldg. covering 32,000 sq. ft. during the present qear.

FLATS

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO. N Filbert 127 E Hyde.
Three-story and basement frame (2) flats.
Owner—Mrs. Paul Page Austin, 1069 Chestnut St., San Francisco.
Architect — Henry H. Gutterson, 630 Powell St., San Francisco.
Contractor—H. Papenhausen, 532 3rd Ave., San Francisco.

CLAWSON PATENT CHIMNEY CO.

CLAWSON'S PATENT CHIMNEY is the Most Complete on the Market

CLAWSON'S FURNACE GRATE for Gas, Coal or Wood

CLAWSON'S HOODS and DAMPERS for Open Fireplaces

Experts in Curing Smoky Flues and in Ventilating

Terra Cotta and Galvanized Iron Chimney Tops Erected Chimney Sweeping

149 GOUGH STREET
Phone Park 6092 San Francisco

Plans Being Figured.
FLAT BLDG Cost, $——
SAN FRANCISCO. Nineteenth Ave. near Fulton St.
Two-story frame and stucco flat building.
Owner—Withheld.
Architect—Carl Geilfuss, 1056 Fulton St., San Francisco.

Plans Complete.
FLATS Cost, $12,900
SAN FRANCISCO, N Greenwich 134-9 E Franklin.
Two-story and basement frame (3) flats.
Owner—Vitale Valente, 2200 Larkin St. San Francisco.
Architect—Herbert A. Smith, 251 Kearny St., San Francisco.

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, E Stockton St. 83 S Chestnut.
Two-story and basement frame (2) flats.
Owner—A. Falconi, 428 Lombard St., San Francisco.
Architect — Paul F. De Martini, 946 Broadway, San Francisco.
Contractor — Paul De Martini. 2869 Broadway, San Francisco.

GARAGES

Plans Being Figured.
GARAGE Cost, $15,000
RICHMOND, Contra Costa Co., Cal., SW 13th St. and Macdonald Ave.
One-story brick and frame garage building.
Owner—C. T. Traverso, 1529 Macdonald Ave., Richmond.
Lessee—Thos. Motor Car Co., (Ford agents).
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

CALISTOGA, Napa Co., Cal.—F. A. Younger, Napa, at approx. $26,000 awarded contract to erect garage and apartment building in Calistoga for Frank Moors; will be 80 by 120 feet. Work has been started.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, to fur. and del. materials for Navy Yards as follows; date for opening bids as noted at close of each paragraph:

Schedule 2005, for San Diego, 5.0 pounds rust preventive compound. April 15.

Schedule 2009, for San Diego, miscellaneous magnet and underwriter's wire, April 15.

Schedule 2011, for eastern and western yards, miscellaneous emery cloth, garnet and flint paper, April 8.

Schedule 2012, for eastern and western yards, miscellaneous wire cloth, April 15.

Schedule 2015, for eastern and western yards, miscellaneous steel pipe and tubing, April 1.

Schedule 2016, for eastern and western yards, copper pipe and tubing and brass pipe, April 1.

Schedule 2020, for Mare Island, 600 gals. insulating varnish, April 15.

Schedule 2021, for western yards, 31,000 lbs. lignum vitae, April 15.

Schedule 2022, for San Diego, 2900 boiler tube brushes, April 15.

Schedule 2037, for eastern and western yards, rotary converters and spares, April 22.

Schedule 2033, for puget Sound, 1 duplex pump and 1 set of spare parts, April 22.

Schedule 2034, for Mare Island, 20 water closets, April 22

Schedule 2035, for Mare Island, 10,200 lbs. sheet lead, April 22.

Schedule 2036, for Mare Island, miscellaneous sheet tin, April 22.

Schedule 2039, Puget Sount, 28,000 lbs. bar steel, April 15.

Schedule 2040, Puget Sound, 2800 lbs. brass; for Mare Island, 2000 lbs. phosphor bronze; for Puget Sound, 2,000 lbs. da and 500 lbs. bar copper, April 22.

MARE ISLAND, Cal.—Healy-Tibbitts Constr. Co., 64 Pine St., San Francisco, at $1.82 per ton, time for completion, 150 days, awarded cont. by Bureau of Yards and Docks, Navy Department, for additional riprapping, longitudinal dock, Mare Island Navy Yard, under Specifications 4941.

DENVER, Colo. — Following bids rec. by U. S. Bureau of Reclamation, Denver, Colo., under Specification No. 349-D, for flume and pipe:

Cascade Pipe & Flume Co., Seattle, Wash., net f. o. b. Seattle, Douglas fir to be used, Schedule 1, flume barrel and cradles, item 1, $278.20; 2, $452; 3, $1,820.70, delivery April 1. Schedule 2, item 4, $78; 5, $120; 6, $459; delivery 20 days; schedule 3, staves, item 7, $544; del. April 1; schedule 4, item 8, $160; del. 20 days.

B. F. Vreeland, Denver, Colo., f. o. b. Seattle, Wash., creosoted fir to be used, schedule 1, flume barrel and cradles, item 1, $176.80; 2, $304; 3, $1,269.90; del. March 20, 2% 5 days; schedule 2, item 4, $33.80; 5, $56; 6, $229.50; schedule 3, staves, item 7, $500; del. March 20, 2% 5 days; schedule 4, item 8, $80; complete $0 days.

American Wood Pipe Co., Tehama, Wash., f. o. b. Tacoma, creosoted material to be used, schedule 1, flume barrel and cradles, item 1, $290; 2, $480 3, $1,912.50; del. March 15, 2% 10 days; schedule 2, item 4, $91; 5, $140; 6, $535.50; complete 10 days; schedule 3, staves, item 7, $686; del. March 15, net; schedule 4, item 8, $160; complete, 10 days.

SAN DIEGO, Cal. — Naval Affairs Comm. has reported recommendation for navy supply pier at San Diego to cost $1,000,000. An expenditure of $300,000 the first year has been authorized.

DENVER, Colo.—Until April 15, bids will be rec. by U. S. Bureau of Reclamation, Denver, Colo., for band lift turnout gates, under Specification 354-D, involv. approx. 49,000 lbs. metal work.

SAN FRANCISCO, Cal.—Until April 5, 11 A. M., bids will be rec. by Constructing Quartermaster, Fort Mason, to construct concrete road at Crissy Field. **See call for bids under official proposal section in this issue.**

KLAMATH FALLS, Ore.—Following is complete list of bids rec. by U. S. Bureau of Reclamation, Klamath Falls, Ore., to construct North Canal, Langell Valley, all bids being referred to Washington for award:

John Phillips, Box C-44, Sacramento, Calif., bid 48c per cu. yd. all classes for all of the work or none. The total of his bid was $59,702.

C. R. Adams, Box XI, Merced, Calif., bid 30c cu. yd. for Class 1, 60c cu. yd. for class 2, $1.10 cu. yd. for class 3, for all schedules, conditioned on being awarded all of the work or none, the total of his bid being $57,695.

Ticknor & Loomis, of Langell Valley, bid for schedules 1 to 5, inclusive, 14c cu. yd. for class 1, 40c cu. yd. for class 2, $2.25 cu. yd for class 3, the total of this bid being $22,819.

O. S. Campbell, of Lorello, Oreg., bid on schedules 6 and 7. His bid on schedule 6 was 18c cu. yd. for class1, 85c cu. yd. for class 2, $2.25 cu. yd. for class 3, or a total of $5,233 for schedule 6. His bid on schedule 7 was 18c cu. yd. for class 1, 95c cu. yd for class 2, $2.75 cu. yd. for class 3, the total for this schedule being $4,500.

Miller Bros., of Bonanza, Oreg., bid schedule 9: 20c cu. yd. for class 1, $1.25 cu. yd. for class 2, $2.250 cu. yd. for class 3, or a total of $10,930 for this schedule.

Gale & Harris, of Bonanza, Oreg., bid on schedules 10 and 11. Their bid for schedule 10 was 18c cu. yd. for class 1, 70c cu. yd. for class 2, $1.75 cu. yd. for class 3, or a total of $5,733 for this schedule. Their bid on schedule 11 was 17c cu. yd. for class 1, 75c cu. yd. for class 2, $2 cu. yd. for class 3, or a total of $6070 for this schedule.

Cecil E. Conway, of Lorella, Oreg., bid on schedules 3 and 4, his bid for both schedules being 18c cu. yd for class 1, 80c cu. yd. for class 2, $1.90 cu. yd. for class 3, or a total of $10,382 for the two schedules.

HALLS AND SOCIETY BUILDINGS

Preliminary Plans Approved.
LODGE BLDG. Cost, $100,000
RICHMOND, Contra Costa Co., Cal., Nevin Ave. near 7th St.
Two and 3-story reinforced concrete brick and terra cotta lodge bldg.
Owner—Richmond Masonic Hall Assn.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

Plans Ready For Figures.
LODGE & OFFICE Cost, $1,000,000
OAKLAND, SE 20th St. and Broadway.
Eight and 14-story class A lodge and office building.
Owner—Elks Hall Assn.
Architect—Wm. Knowles, Central Bk. Bldg., Oakland, and Hearst Bldg., San Francisco.

Contract Awarded.
STORE, CLUB BLDG. $19,000 approx
SAN FRANCISCO, Polk St. near Market.
Three-story and basement brick store and club bldg.
Owner—Louis R. Lurie.
Architect — O'brien Bros., 315 Montgomery St., S. F.
Contractor—Vukicevich & Bagge, 180 Jessie St., San Francisco.
The third floor has been leased to the California Camera Club.

Low Bidder.
SORORITY BLDG. Cost, approx. $35,000
BERKELEY, Alameda Co., Cal., Le Conte and Arch Sts.
Three-story and basement frame and stucco sorority bldg. with slate roof.
Owner—Delta Zeta Sorority, 1837 Arch St., Berkeley.
Architect — Miss Julia Morgan, Merchants Exchange bldg., S. F.
Low bidder—Conner & Conner, 1733 Francisco St., Berkeley.

Sub-Contracts Awarded.
STORE, ETC. Cost, $1,000,000
SAN FRANCISCO, N Post St., between Powell and Mason Sts.
Thirteen-story class A store and club building.
Owner—Elks' Club.
Architect — Meyers & Johnson, 742 Market St., San Francisco.
Engineer — C. H. Snyder, 251 Kearny St., San Francisco.
Contractor — R. McLeran Co., Hearst Bldg., San Francisco.
Elevators to Spencer Elevator Co., 166 7th St., S. F.
Plumbing to Jas. H. Pinkerton, 927 Howard St., S. F.
Heating to Scott Co., 243 Minna St., San Francisco.
Electrical work to Decker Elec. Co., 149 New Montgomery.
Other sub-figures are being taken by the contractors.

LAKESIDE, San Diego Co., Cal.—Lakeside Country Club proposes to start work soon on a $50,000 clubhouse overlooking the lake. It will be two-story and will contain usual features of a country club. Stucco exterior with wide veranda. William H Wheeler, 338 Spreckels Bldg., San Diego, is the architect.

LOS ANGELES, Cal.—Archt. H. C. Deckbar, 1007 Wright-Callender Bldg., L. A., has completed plans for a 2-story Masonic bldg. to be erected on s.e. cor. of 45th St. and Western Ave. for the University Masonic order. There will be 7 stores on the first floor, lodge room, reception room, banquet room, kitchen, library on second floor. Two story, 90x130 ft., brick walls, rugg. brick exter., art stone trim., cement and hardw. fls., hardw. and pine trim. Work will be done under the supervision of A. E. White, 1435 W 46th St., who will let sub-contracts.

ORANGE, Orange Co., Cal.—Archt. H. Newton Thornton, Hill Bldg., Santa Ana, is preparing plans for a 3-story lodge bldg. to be erected by the local lodge B. P. O. E. at s.e. cor. Chapman Ave. and Orange St. 66x118 ft., to cost $100,000. The bldg. assn. is comprised of the following: K. E. Watson, John Lee, L. E. Smith, F. B. Dale, W. W. Ferry, C. A. Palmer and J. W. Hildreth.

SALEM, Ore. — Elks Temple Assn., (Benevolent and Protective Order of Elks), approve plans for Archts. Knighton and Howell, Portland, for proposed concrete lodge building to be erected at State and Cottage streets; est. cost $175,000. Bids will be asked shortly.

MODESTO, Stanislaus Co., Cal.—Modesto Lodge, Benevolent and Protective Order of Elks, plan early construction of 3-story lodge building, at 13th and I Sts.; est. cost, $80,000. Site for the structure has already been purchased.

HOSPITALS

PARADISE, Butte Co., Cal. — J. M. Evans, Liberty Ave., Chico, at approx. $16,000 awarded contract to erect first unit of Dr. N. T. Enloe hospital. Frame and stucco construction; to contain 14 rooms with kitchen, dining room and operating room. Work will be started at once.

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Sub-Contracts Awarded.
HOSPITAL Cost, $146,000 approx.
SAN FRANCISCO, S E Jackson and Trenton Streets.
Four-story reinforced concrete hospital.
Owner—Chinese Six Companies.
Architect—Alfred I. Coffey, Humboldt Bank Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Plumbing to Fred'k Snook Co. 596 Clay St., San Francisco.
Electric wiring to Dowd-Seid, 2369 Mission St., S. F.
Heating to Dowd & Welch.
Plastering to MacGruer & Simpson, 266 Tehama, San Francisco.
Painting to R. Zelinsky, 693 Mission St., San Francisco.
Elevator to Otis Elevator Co., Beach and Stockton Sts., S. F.
Mill work to S. H. Chase Lumber Co., 547 W Sta. Clara, San Jose.
Reinforcing steel to Badt-Falk Co., 74 New Montgomery St., S. F.
Sheet Metal work to Guilfoy Cornice Works, 209 8th St., S. F.
Excavating to Farrar & Carlin. 185 Stevenson St., S. F.
Glass to Tyre Bros., 668 Townsend St., San Francisco.
Roofing to Alta Roofing Co., 221 Oak St., San Francisco.

SAN FRANCISCO—Board of Supervisors authorize preparation of plans and specifications to reconstruct Ward "R" at San Francisco hospital for Psychopathic ward.

REDWOOD CITY, San Mateo Co., Cal.—Until April 21, 10 A. M., bids will be rec. by Elizabeth M. Kneese, county clerk, for electrical wiring at County Farm and Relief Home. Cert. check 10% payable to County Treasurer req. Plans obtainable from office of clerk.

EUREKA, Humboldt Co., Cal.—Until April 14, (new date) 2 P. M. bids will be rec. by Fred M. Kay, county clerk, to fur. 200,000, more or less, No. 1, r.w. shingles delivered at the county hospital.

Separate bids, same date, to shingle county hospital buildings, shingles to be furnished by county. Further information obtainable from clerk.

CULVER CITY, L. A. Co., Cal.—Architects S. Tilden Norton and Frederick H. Wallis, 716 S. Spring St., are preparing plans for group of orphanage bldgs., to be erected at Vista Del Mar, ear Culver City, for the Jewish Orphanage; there will be about 17 bldgs, which will include several dormitory bldgs., dining room bldg., offices, kitchen, etc. Masonry constr., 1-story and 2-story, gas htg., cement, pine and hardw. fls., tile and comp. rfg., pine trim.

OAKDALE, Stanislaus Co., Cal.—W. T. Kerr, a member of the hospital committee , states that the proposed community hospital will cost about $35,000. A definite plan and other details will be determined April 9.

HOTELS

Contractors Taking Sub-Figures.
CLASS B ANNEX Cost, $47,500
SAN FRANCISCO, 589 Post St.
Five-story class B annex to hotel. (Knickerbocker Hotel).
Owner—Francis and Maria M. McAllister.
Architect—Wm. F. Gunnison & H. P. Merritt, 57 Post St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Fancisco.

BAKERSFIELD, Kern Co., Cal.—California Real Estate & Finance Corp. Sec. Bldg., Los Angeles, O. A. Brown, president, is having plans prepared for a four-story fireproof hotel to be erected at 19th and V streets; est. cost, $350,000. Will be known as Bakersfield Brown Palace Hotel; 250 ft. on 19th St. and 122 ft deep; brick construction with ornamental brick facings.

In addition to the hotel building the company has purchased property in the Kruse tract and will expend approximately $150,000 in the erection of bungalows of the Spanish type of architecture, each costing from $5000 to $7500. Plans for both projects will be prepared by the Architectural Department of the company.

LOS ANGELES, Los Angeles Co., Cal.—Louis J. Wilde of San Diego has taken a 99-year lease on the Arcadia Block property at the corner of Los Angeles and Arcadia Sts. and contemplates the erection of a Class A working men's hotel to cost $1,000,000 at the expiration of present leases. The site is 100x238 ft. A San Francisco architect will prepare the plans for the new building.

LOS ANGELES, Cal. — Weymouth Crowell Co., 2104 East 15th St., has been awarded contract at about $735,000 for all work complete for erecting a 14-story class A store and hotel bldg. at 636-44 S Main St. for the Metropolitan Hotel Co. Loy L. Smith, 218 Byrne Bldg., archt. The bldg. will contain stores in first story and 620 rms. with 40 per cent baths in the upper stories; dimensions, 92x147 ft., reinf. conc. construction. press. brick and terra cotta exterior, plate glass, marble and tile work, 3 electric elevators, steam htg., vacuum cleaning.

BAKERSFIELD, Kern Co., Cal. — L. A. Smith, 3rd St. and Western Ave., is preparing plans for a new class C hotel bldg. to be erected at cor. 19th and V Sts. for the California Real Estate and Finance Co., O. A. Brown, pres., Security Bldg.; it will contain 150 rms., each to have an outside sleeping porch. 100 per cent baths, and there will also be several stores and large lobby and dining room on first floor. Dimensions, 90 by 150 ft., press. brick facing, comp. rfg., basement, steam htg sys., 3 elec. elevators, plate glass, tiled baths, hardw., tile and pine fls., mezzanine fl., ornam. iron work, pine and hardw. trim; $300,000. There will also be betw. 40 and 50 five and six-room houses built on the adjoining property to be operated in conjunction with the hotel.

POWER PLANTS

Permit Applied For.
SUB-STATION Cost, $50,000
OAKLAND, NE 51st St. & Shattuck Ave
Two-story concrete sub-station.
Owner—Pacific Gas & Elec. Co., 445 Sutter St., San Francisco.
Architect—Eng. Dept. of Company.
Work will be done by sub contracts and the company's forces.

TACOMA, Wash.—Bids will be asked at once by Ira S. Davidson, City Commissioner of Light & Water, to fur. and install machinery and equipment for hydro-electric project Unit No. 2 of the Cushman project J. L. Stanhard, ch. eng. for project.

CALIFORNIA—Great Western Power Co., 530 Bush St., San Francisco, will expend approx. $4,000,000 during present year to serve sections in Northern and Central California.

SAN FRANCISCO — Following bids rec. by Board of Public Works to fur. and del. electric transmission line hardware for Hetch Hetchy Mocassin Creek Power plant:

Westinghouse Electric Co. bid $13,110.59 on all items from one to seven with alternative bid of $12,760.59.

Western Electric Co. bid $11,882.60 on all seven items.

Aluminum Co. of America bid $4995 for (6 "A" Prop "A") dead end clamps.

Bid of Pacific States Electric Co. rejected due to irregularities.

SAN FRANCISCO—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, has appropriated funds to finance the following improvements:

Fresno—Additional gas generating plant at Button and Thorne Sts., Est. cost, $162,200. Materials will include 321,000 lbs steel, 161,000 fire brick, 36 tons fire clay and other refractory material, 47 tons of pipe fittings, 15 tons nine, 130,000 bd. ft. lumber, 200 cu. yds. conc. in foundation.

Redding — $77,000 appropriated to finance reconstruction of Volta power house.

Manteca—Funds provided to extend power line, 5,785 ft. to serve South San Joaquin Irrigation District. Plant No. 23 approx. 6-mi. east of Manteca.

Chico—$35,000 provided to renew sections of flumes on Butte canal, Miocene canal and Coal Canyon section; cost, 2,268 ft. 5½x7 ft. flume on Lower Centerville canal; install 7 line switches on Chico-Dayton lines so that lines can be sectionized; extend approx. ½ mi. line on Dayton rd.

TURLOCK, Stanislaus Co., Cal.—Until April 18, 10 A. M., bids will be rec. by Anna Sorenson, Sect'y., Turlock Irrigation District to fur. the following electrical equipment:

One generator, 3000 kilowatts;
One transformer, 400 kilowatts;
One 3,300 kilowatt vertical turbine wheel, 115 ft. head;
One 1,000 kilowatt horizontal turbine wheel, 115 ft. head;
One switch-board and equipment;
Two penstocks.

Cert. check 5% payable to Treasurer of District req. with each bid Spec. and further information obtainable from secretary. **See call for bids under official proposal section in this issue.**

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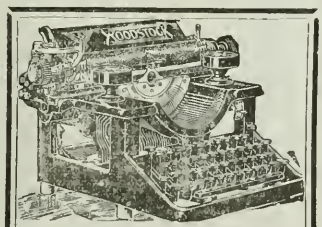

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TURLOCK, Stanislaus Co., Cal.—Until April 21, bids will be rec. by Turlock Irrigation District for purchase of $500,000 bond issue to finance construction of electrical distribution lines and general improvements.

SEATTLE, Wash.—Until April 11, 10 a. m., bids will be rec. by Wm. D. Freeman, city purchasing agent, to fur. one Madison Street Cable, 14,150 ft. in length. Consideration will be given for early delivery at time of award. Further information obtainable from above.

PUBLIC BUILDINGS

SACRAMENTO, Cal. — Until April 3, 9:15 p. m., bids will be rec. by H. G. Denton, city clerk, to const. shelter station at 34th and Sacramento Blvd. Cert. check 5% payable to City Controller req. Plans obtainable from city clerk.

SAN DIEGO, San Diego Co., Cal. — Plans have been announced for a $300,000 fine arts bldg. to be erected in Balboa Park on the site of the former Sacramento bldg. of the Exposition. It will be known as the Bridges Memorial Art Bldg., being the gift of A. S. Bridges of Loma Portal. The art gallery will be 200 ft. long and 65 ft. wide, of Spanish renaissance. Estimates have been asked from several local contractors.

SAN FRANCISCO—Board of supervisors authorizes Board of Public Wks. to prepare plans and specifications for new fire station to be erected in north side of Division street between 10th and 11th sts.

LOS ANGELES, Cal.—Clinton Constr. Co. of Calif., 421 Stock Exchange Bldg. submitted low bid to county supervisors March 31 and were awarded contract at $856,000 for general contract, including conc. work, fireproofing, hollow tile roofing, brick work, etc., for the new Hall of Justice Bldg., N Broadway, Temple and Buena Vista Sts. Other bids were: Lange & Bergstrom, $1,018,000; C. J. Kulbach, $1,030,000; North Pacific Constr. Co., $1,080,600; Winter Constr. Co., $1,123,300; L. A. Planing Mill Co., $1,144,682 (if time limit is extended to 9 mos. instead of 6 mos., deduct $18,000); Edw. C. English, $1,150,000. The bids were referred to the mechanical dept.

RESIDENCES

Plans Being Figured.
RESIDENCE Cost, $15,000
SAN MATEO, San Mateo Co., Cal. San Mateo Park.
Two-story and basement frame English style residence with shingle roof.
Owner—Withheld.
Architect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $50,000
SAN FRANCISCO, Sea Cliff.
Two-story and basement frame and stucco residence. (about 15 rooms and 3 bath rooms).
Owner—Mr. and Mrs. Howard Brickel.
Architect — Miller & Pflueger, Lick Bldg., San Francisco.

Plans Complete.
RESIDENCE Cost, $17,500
SAN FRANCISCO, SE Commonwealth and Euclid Aves.
Two-story and basement frame residence.
Owner — Mrs. Belle Goldsmith, care architects.
Architect—Bernard J. Joseph, 74 New Montgomery St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $10,000
OAKLAND, Cupid Road, Lakeshore High Lakeshore Highlands.
Two-story frame and stucco residence with tile roof (10 rooms).
Owner—Henry Kuhlmeyer.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.
Contractor—Geo. J. Maurer Co., 177 Ridgeway.

To be Done by Day's Work.
DWELLINGS Cost, $18,000
BERKELEY, Alameda Co., Cal. No. 1634-38-42-46-50-54 Tenth St
Six one-story 4-room dwellings.
Owner—Alameda Investment Co., 703 Syndicate Bldg., Oakland.
Architect—None.

To Be Done By Day's Work.
DWELLINGS Cost, $60,000
SAN FRANCISCO, W Paxon Ave. 87 129 S Kenwood Way; SW Westwood Dr and Miramar; SW Wildwood Way & Westwood Dr; SW Calon and Greenwood Ave; Northwood Dr. 95 W Miramar; SW Miramar & Monterey Blvd; S Monterey Blvd. 95 & 166 West of Miramar.
Twelve 1-story and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect — Chas. F. Strothoff, 2274 15th St., San Francisco.

Plans To Be Prepared.
RESIDENCES Cost, $25,000 each
SAN FRANCISCO, W Octavia S Jackson.
Two 2-story and basement frame residences.
Owner—F. R. Grannis, 2450 Steiner St. San Francisco.
Architect—Edw. E. Young, 2002 California St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $9300
SAN FRANCISCO, Forest Hill.
One-story and basement frame and stucco 7 room residence with tile roof.
Owner—Harry MacVine.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—Hawkins Imp. Co., Mills Bldg., San Francisco.

Contract Awarded.
RESIDENCES Cost, $24,605
SAN FRANCISCO, S Joost Ave. 226 E Forester E 75 x S 100 SW Joost Ave & Edna S 100 x W 99.
Seven 1-story and basement residences
Owner — Moneta Investment Co., 233 Pacific Bldg., San Francisco.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.

Contract Awarded.
RESIDENCE Cost, $13,575
BERKELEY, Alameda Co., Cal., Lots 15 & 16 Blk 3 Wheeler Tract.
Two-story frame and stucco residence and garage.
Owner—Prof Solomon & Minna Frank Blum, 1618 Loma, Berkeley.
Architect—John Hudson Thomas, 1st Natl. Bank Bldg., Berkeley.
Contractor—Matt Koski, 41 Ramona St., Oakland.

The following K.C.B.-like literature is from the fertile brain of Coleman Cox, well known Rotarian of San Francisco and author of "Take It From Me," "Listen to This," and "Just Plain Talk." Thousands of copies of these books have been read all over the world. He says such nice things about Sandy Pratt, producer of crushed rock, sand, gravel, and rock screenings at Prattrock (near Folsom), Marysville, Prattco (Monterey County), and Sacramento, that Sandy is publishing below his letter which refers to a "photogravure" folder sent out by Sandy, president of the Pratt Building Material Co.

SAN FRANCISCO, March 28th, 1924.
* * *
DEAR SANDYPRATT.
* * *
'WHODATHOUGHTIT.
* * *
IS NOT a word.
* * *
BUT IT'S what I said.
* * *
WHEN I received.
* * *
THE FOLDER you sent me.
* * *
SHOWING PICTURES of.
* * *
THE GREAT Big Business.
* * *
YOU HAVE built up.
* * *
OUT OF so small a thing.
* * *
AS A grain of sand
* * *
I'LL SAY you're.
* * *
CERTAINLY 'GOINGSOME.
* * *
AT SANDYPRATT and Prattrock.
* * *
'WHODATHOUGHT.
* * *
YOU HAD a locomotive.
* * *
JUST LIKE Mr. Southernpacific.
* * *
TO PULL cars around Prattrock.
* * *
IT MUST be pretty fine to.
* * *
BE IN a business where.
* * *
YOU HAVE no competition.
* * *
I SAY that because.
* * *
AFTER LOOKING at the.
* * *
PICTURES IN your folder.
* * *
I KNOW you must have.
* * *
ALL THE sand and rock.
* * *
THERE IS in the world.
* * *
I'D LIKE to wish you.
* * *
SUCCESS, BUT 'whatstheuse.
* * *
OF WASTING wishes on a
* * *
FELLOW THAT'S all ready got.
* * *
WHAT YOU'RE wishing him.
* * *
SO. 'THEREYOUARE.
* * *
'N. THATSTHAT.
* * *
COLEMAN COX. (In person).

So many, like Coleman Cox, after seeing the photos of Sandy Pratt's new $250,000 rock and gravel crushing plant at Prattrock, Sacramento County, could not see it was no toy. Sandy's plant can produce 20 carloads of crushed rock, washed gravel and rock screenings in eight hours (40 cars in 16 hours).

To Be Done By Day's Work.
DWELLINGS $3300, $3800, $4800 each
SAN FRANCISCO, S Prague W Cordova S Chicago E Naylor, cts.
13 1-story and basement frame dwlgs.
Owner — Crocker Estate Co., Crocker Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, $16,723
SAN FRANCISCO, SE Euclid Ave. and Commonwealth Ave. S 55 x E 295 WA 644.
Two-story and basement residence.
Owner—Belle Goldsmith.
Architect—Bernard J. Joseph, 74 New Montgomery St., San Francisco.
Contractor — Diestel & Vezina, 235 Montgomery St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $10,000
SAN FRANCISCO, St. Francis Wood, Santa Monica Way.
Two-story and basement frame and stucco English style residence.
Owner—Jas. T. Igstadter.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—C. P. Parker, 251 Kearny St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $10,500
SAN FRANCISCO, Forest Hill.
Two-story frame and stucco residence with tile roof (Spanish style).
Owner—W. E. Golcher.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—Hawkins Imp. Co., Mills Bldg., San Francisco.

Plans Complete—To Be Done By Day's Work.
DWELLINGS Cost, $36,000
SAN FRANCISCO, NE California & 31st Ave. SE Sea View Terrace and 31st Ave.; East 31st Ave. 28 53 78 103 N California.
Six 2-story and basement frame dwlgs.
Owner—Allen & Co., 168 Sutter St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.

Owner Taking Segregated Figures.
RESIDENCE Cost, $25,000
SAN FRANCISCO, W Octavia St. 84 S Jackson.
Two-story and basement frame residence.
Owner—F. R. Grannis, 2450 Steiner St. San Francisco.
Architect—Edw. E. Young, 2002 California St., San Francisco.

PASADENA, Los Angeles Co., Cal.—Architect Leon C. Brockway, 400 Security Bldg., Pasadena, is preparing plans for a two-story, 10-room frame Spanish dwelling to be erected in Prospect Park, Pasadena, for Luther Newby. Stucco exterior, tile roof, hardwood floors, stone mantels, 3 tile baths, tile drainboards, stone mantels, hardwood doors, ornamental iron balconies and stair rails, double garage, garden walls and fountain.

LOS ANGELES, Los Angeles Co., Cal. Architect William Skidmore, 519 Lissner Bldg., has completed plans for a 10-room residence, to be erected on Hollywood Blvd., for W. J. Harrison. Reinforced concrete construction, two-story and basement, plaster exterior, tile and composition roofing, hardwood floors, 3 tile baths, gas furnace heating system, tile mantel, pine and hardwood trim, garage is in basement.

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LOS ANGELES, Cal.—Lloyd Wright, 1752 N Vermont Ave., will erect a 1-story 9-room residence on Glendower St., Los Felix Hgts., for Chas. W. Ennis, 2433 Sunset Blvd. Dimensions, 40x160 ft., reinf. conc. walls, stucco exter., comp rfg., pine and hardwood interior trim. and flrs., tiled baths, water htr., gas htg., garage; $35,000. Frank Lloyd Wright, archt.

LA HABRA, Orange Co., Cal.—Archts Ruoff & Munson, 1104 Story Bldg., and E. O. White, Balford Bldg., L. A., assoc, have completed plans for a large Spanish residence to be erected at La Habra for E. T. Williams; it will have 14 rms, terraces, ballrm., 4 tile baths, patio, etc. Frame constr., 2-story and basement, cement gun exter., tile rfg., hardwood fls., gas unit htg. sys., aut. water htr., pine and hardw. trim, dumb waiter, tile mantels, kitchenette connected with ballrms., tiled fls. in livingrm, breakfast room and entrance. E. O. White at the above address is taking bids on materials and all work will be done by day labor.

LOS ANGELES, Cal. — Houghton & Anderson, 143 Rose St., have the contract to erect a 20-room residence on 4th St. near Rimpau Blvd. for W. R. Dunsmore, 1105 Calif. Bldg. Webber, Staunton & Spaulding, 1017 Hibernian Bldg., L. A., archts. Two-story 76x93 ft., frame and plas. construction; tile rfg., hardwood and pine trim and flrs., tiled baths, fireplaces, unit gas system heating, water htr., $75,000.

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"Security
CHECK PROTECTOR FOUNTAIN PEN"
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BAKERSFIELD, Kern Co., Cal.—See "Hotels," this issue. To spend $150,000 in bungalow construction.

LOS ANGELES, Cal.—J. A. Weddle & Son., 4637 Russell Ave., have the contract to erect an 11-room residence at n.w. cor. of Crescent Dr. and Selma Ave., for R. A. Copple, 623 S Berendo St. Two-story, 45x56 ft., frame and plas construction, clay tile rfg., hardwood and pine trim and flrs; tile mantel, tile baths, unit gas htg., water htr.; $32,000

BEVERLY HILLS, L. A. Co., Cal. — Harry Werner, Woods-Beekman Bldg., Beverly Hills, is preparing plans for an elaborate residence to be erected on Linden Drive n. of Santa Monica Blvd., Beverly Hills, for Martin White of the firm of Pabst & Keith, Beverly Hills. H. S. Belland, 435 Canyon Dr., Beverly Hills, will be the contractor. English type construction.

SCHOOLS

Plans Being Figured—Bids Close April 23, 1924.
FIXTURES ETC. Cost, $—
LOS GATOS, Santa Clara Co., Cal.
Special fixtures, program clocks, kitchen and cafeteria equipment, electric fixtures and steel lockers for 2-story reinforced concrete high school.
Owner—Los Gatos Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Plans Being Prepared.
GYMNASIUM, ETC. Cost, $17,000
LOOMIS, Placer Co., Cal.
One-story frame and stucco gymnasium and auditorium bldg.
Owner—Loomis Grammer School.
Architect—Geo. C. Sellon & Co., Mitau Bldg., Sacramento.

Plans Complete.
SCHOOL Cost, $100,000
SANTA CLARA, Santa Clara Co., Cal., St. Clare's school site.
Two-story class C school building.
Owner—Roman Catholic Archbishop.
Architect—John J. Donovan, Tapscott Bldg., Oakland.
Construction Manager — H. C. Miller, care School.

Plans Being Figured—Bids Close April 14, 1924.
SCHOOL Cost, $75,000
SAN JOSE, Santa Clara Co., Cal., E Santa Clara Ave. and 9th St.
Two-story brick and frame class C parochial school building.
Owner — Roman Catholic Archbishop, (Father Richard Collins, Pastor of St. Patrick's Church).
Architect—Chas. J. I. Devlin, Pacific Bldg., San Francisco.
Bids were taken about a year ago but ran too high and construction was postponed. The bids are being taken for a general contract.

OROVILLE, Butte Co., Cal. — Until April 21, 1 p. m., bids will be rec. by Mildred P. Martin, clerk, Oroville Grammar School District, for drawing plans and specifications for new 4-classroom brick school to be erected on Ora Vista school site. Further information obtainable from clerk.

WHITTIER, L. A. Co., Cal.—Archt. J. A. Larralde, 1400 Stock Exchange Bldg., has been commissioned to prepare plans for a new grammar school bldg. at the Mill school district, near Whittier, for the Mill District school board; it will contain 4 class rooms with auditorium to seat about 3000 people. Brick walls, 1-story, tile rfg., pine fls., gas steam rads., pine trim, etc.; bonds to the amount of $42,000 have been voted.

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VENICE, L. A. Co., Cal.—The following bids were received by the board of trustees of the Venice Union High School district for erecting additions and alterations to the mechanical arts bldg., boys' gymnasium bldg. and Junior High School bldg. at Venice high school site, Venus. General contract—J. C. Bannister, (1) mechanical arts bldg. $27,000; (2) boys. gymnasium bldg., $53,266; (3) junior high school bldg., $44,000; (4) for erecting metal crafts room to mechanical arts bldg., $4515; B. D. Kronnick, (1) $37,400; (2) $66,680; (3) $55,500; (4) $5300; William G. Reed, (1) $39,900; (2) $59,700; (3) $52,639; (4) $3700; (5) for a total of all bldgs. if awarded under one contract, $151,000; Alston & Hoggan, (1) $32,807; (2) $65,970; (3) $49,940; (4) $5720; John I. Kane Co., (1) $41,913; (2) $58,465; (3) $45,470; (4) $5400; North Pacific Constr Co., (1) $28,200; (2) $55,600; (3) $46,750; McDonald & Driver, (1) $33,000; (2) $54,700; (3) $44,900; Robert E. Millsap, (2) $53,930; (3) $41,990; J. A. Hill Constr. Co., (5) $163,000. Electric wiring—American Elec. Constr. Co. (1) for all bldgs. complete, $6462.20; (2) if metal crafts room is omitted from mechanical arts bldg. deduct $76.90; Pioneer Elec. Corp., (1) $6878; (2) $123; Gans Bros., Inc., (1) $7360; (3) if metal crafts room is added to mechanical arts bldg. add $46. Plumbing and heating—Contract was awarded to Venice Sanitary Plumbing Co. at $7,262.60 for a total of all bldgs., with addition of $409.50 if metal crafts room is added to mechanical arts bldg. Thos. Haverty Co. bid total $13,960, alternate $400. Russell & Alpaugh, 1106 Story Bldg., archts. Bids taken under advisement until April 3rd.

OXNARD, Ventura Co., Cal.—B. D. Kronnick, 3623 South Park Ave., was awarded the general contracts at $44,625 and $52,438 for erecting the Palm Drive and Third St. schools, respectively, at Oxnard; John C. Austin and Frederic M. Ashley, 1125 Detwiler Bldg. archts. Other contracts were awarded as follows. Palm Drive School—Plumbing to F. C. Duckham, Oxnard at $2885; painting to Arenz-Warren Co. at $1431; and wiring to Woodill-Patterson Elec. Co. at $1785; Third St. School—Plumbing to F. C. Duckham at $1148; painting to Pasadena Paint & Decorating Co. at $1425; and wiring to R. P. Farrell at $1363. Bids for heating on both bldgs. were rejected. The Third St. school will be 1-story and will contain 8 class rooms and kindergarten; the Palm Drive bldg. will be 2-story with 6 class rooms and administrative offices. Both bldgs. will be reinforced concrete construction, stucco exterior, cast stone trim, clay tile rfg., pine interior trim.

MAYWOOD, L. A. Co., Cal.—Until 7:30 p. m., April 21, bids will be received by trustees of Maywood school district for additions and alterations to the Lincoln and Washington grade school bldgs. at Maywood. Norman F. Marsh, 211 Broadway Central Bldg., archt. The additions to the Lincoln school will include an auditorium and 4 standard classrooms; hollow tile construction, stucco exterior, clay tile rfg. The alterations at Washington school consist of exterior changes and remodeling the auditorium into two classrooms. Bids will be taken separately on the general contract, wiring, heating, painting and plumbing.

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SAN FRANCISCO, CALIF.

OAKLAND, Cal.—Until April 28, 4 p. m., bids will be rec. by John W. Edgemond, secy, Board of Education, 211 City Hall, to fur. and del. school supplies required for school year commencing July 1, 1924 and ending June 30, 1925, including varnish, floor brushes, garbage cans, etc. Further information together with lists of materials obtainable from secretary.

SANTA MONICA, L. A. Co., Cal. — Until 7:30 p. m., April 14, bids will be received by the board of education of Santa Monica high school district for erecting new buildings at Lincoln junior high school site; the date for receiving bids being extended from April 7. Allison & Allison, 1405 Hibernian Bldg., archts.

OXNARD, Ventura Co., Cal.—B. D. Kronnick, 3623 South Park Ave., Los Angeles, was low bidder at $47,590 for erecting Palm Drive school and at $55,268 for erecting new 3rd St. school at Oxnard; John C. Austin and Frederic M. Ashley, 1125 Detwiler Bldg., Los Angeles, architects. The Third Street school will be 1-story and will contain 8-rms. and kindergarten; the Palm Drive bldg. will be 2-stories, and will contain 6 classrooms and administrative offices. Both bldgs. will be reinf. conc. constr., stucco exter., cast stone trim, clay tile rfg., pine inter. trim.

HANFORD, Kings Co., Cal.—J. Frank Brown, Hanford, at $6500 submits lowest regular bid to Hanford Elementary School District to wreck west section of Central School. A. W. Bass, bid approx. $5000, on day labor basis.

REDWOOD CITY, San Mateo Co., Cal.—Until April 12, 1:30 P. M., bids will be rec by Thos. O. Heydenfeldt, Clerk, Sequoia Union High School District, to grade and prepare grounds; furnish and plant trees, shrubs and lawns; const. conc. walks at high school grounds. Cert. check 10% req. Further information obtainable from Clerk. **See call for bids under official proposal section in this issue.**

WHITTIER, L. A. Co., Cal.—Whittier College has an endowment of $400,000 which will be utilized to erect bldgs. costing approx. $100,000. Proposed bldgs. will include a gymnasium, dormitory and changes to administration bldg. Considerable attention will be given to the grounds. Walter F. Dexter president.

BEVERLY HILLS, L. A. Co., Cal.—John B. Dawson, 500 Fay Bldg., was low bidder at $60,690 on the general contract for erecting new Beverly Vista grammar school bldg. at Beverly Hills; Francis J. Catton, archt. Low bidders on other contracts were: Pacific Gas Radiator Co. on heating at $1138; Parker-Judge Co. on painting at $2094; and E. W. Crowell Co. on plumbing at $6298. The bldg. will contain 11 rooms; 2-story, 59x128 ft., brick constr., press. brick and Tufo stone exter., tile and comp. rfg., pine trim, maple fls.

SAN BERNARDINO, San Bernardino Co., Cal.—Until 4 p. m., April 17, bids will be received by the board of education for the construction of the new $225,000 junior high school. Plans will be ready April 1. Archt. Howard E. Jones, 445 4th St., San Bernardino, architect. The new bldg. will be of relnf. conc. with tile rf., L-shaped, 220 ft. on Curtis St. and 255 ft. on E St.; 2-story, 28 classrooms, 2 cooking rms., dining rm., 2 art. rms., 2 sewing rms., fitting and locker rm., 2 commercial study rms., oral English rm., study hall, 25x95 ft., and administrative offices. Separate bids will be received on general contract, heating, plumbing, elec. work, and painting.

BAKERSFIELD, Kern Co., Cal. — Until April 21, 8 p. m., bids will be rec. by Boyce R. Fitzgerald, Clerk, Kern County Union High School District, to fur. and install a plunger electric freight elevator, complete with enclosure doors, gates, ets., in Shops Building of high school. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. **See call for bids under official proposal section in this issue.**

HUNTINGTON PARK, L. A. Co., Cal. —Edwards, Wildey & Dixon Co., $15 Black Bldg., was low bidder at $168,000 on the general contract for erecting the new Practical Arts bldg. at Huntington Park union high school site; Alfred W. Rea and Chas. E. Garstang, 905 Trust & Savings Bldg., L. A., archts. Low bidders on other contracts were: Thos. Haverty Co. on heating at $5760; F. A. Corr on plumbing at $10,862; E. Drawbaugh on painting at $5980, and Crown Sash, Door & Mill Co. on cabinet work at $11,558. The bldg. will be L-shaped, 268x180 ft., 2-story, brick construction, stucco exter, comp. rfg., pine trim, maple flrs., reinforced concrete stairways and corridor floors. Bids for electrical work have not yet been received. The bids received were as follows: Edwards, Wildey & Dixon Co., $168,000; Anton Johnson Co., $168,050; Beswick Construction Co., $169,935; Homan & Tully, Santa Ana, $170,777; J. A. Crook, $176,500; Pozzo Construction Co., $177,600; John Simpson & Co., $179,500; John B. Dawson, $182,590; J. C. Bannister, $181,660; J. F. Kobler, $181,965; Macdonald & Driver, $184,000; Rudine & Chytraus, $184,500; Walter Slater Co., $188,000; North Pacific Construction Co., $190,625; J. A. Hill Construction Co., $192,800; B. D. Kronnick, $210,000. Heating—Thos. Haverty Co., $5760; Munger & Munger, $5848; Hoagland-Lakin Co., $6076; G. C. Sutton, $6100; Wm. Mc-Arthur, $6198; Frank Davidson, $6450. Plumbing—F. A. Zorn, $10,862; F. D. Reed Plumbing Co., $12,064; G. C. Sutton, $12,734; Anthony Frank, $14,200. Painting—E. Drawbaugh, $5980 E. E. Swan, $7254; R. P. Tuttle, $7995; Arenz-Warren Co., $8300; Parker-Judge Co., $8777; H. H. Mann, $9100; J. A. Crook, $9478. Cabinet Work—Crown Sash, Door & Mill Co., $11,558; Commercial Fixture Co., $12,582; (a) deduct $1712; American Cabinet Co., $13,388.70; (a) $1492.74; Acme Store & Office Fixture Co., $13,972; (a) $13,900; Frank Graves Sash, Door & Mill Co., $14,700; (a) $1897; Wohlman Mfg. Co., $15,800, (a) $2120. Bids were taken under advisement until Tuesday evening.

HUNTINGTON PARK, Los Angeles Co., Cal.—Beswick Constr. Co., 230 Newport St., Long Beach, submitted low bid to board of trustees of the Huntington Park City School Dist., Mar. 26, for general contract for constructing two school buildings (1) Liberty Blvd. school, at $27,607 and (2) San Gabriel Ave. school at $18,845. The former will have 6 rooms and the latter 4 rooms. Hollow tile construc. stucco exterior, clay tile roofing. Arthur W. Angel, 3404½ Whittier Blvd., Los Angeles, is the architect. Low bids on other contracts were: John Lotze & Co., on plumbing, at (1) $2065 and (2) $2065. Pacific Gas Radiator Co., (1) $974 on cast iron vented, $949 on gas steam; (2) $693 and $680

ALHAMBRA, L. A. Co., Cal.—J. S. Metzger & Son, 1007 Grand Ave., were low bidders at $11,954 on general contract to erect additions to the classroom wings of the auditorium and administration bldg. at the Alhambra High School, for the Board of Education of the Alhambra city high school district. Hunt & Burns, Laughlin Bldg., L. A., archts.

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SACRAMENTO, Cal.—Until April 14, 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education, to fur. 100 or more students' desks. Cert. check 50% payable to Board of Educ. req. Further information obtainable from secretary.

MONTEBELLO, Los Angeles Co., Cal. —Until 8 P. M., April 19th, bids will be received by the Board of Trustees of the Montebello School District, for a new six-room grammar school building to be erected at the Wintergarden school site, Montebello. Bids will be received separately on (1) general contract; (2) plumbing; (3) electric wiring; (4) heating; (5) painting. It will be of brick construction, 1-story, tile roofing, maple floors, gas radiators, pine trim, etc. Jeffery & Schaefer, 1104 Kerckhoff Bldg., Los Angeles, are the architects.

EVERETT, Wash. — Archts. Morrison and Stimson, Lumber Exchange Bldg., Seattle, commissioned to prepare plans for $300,000 junior high school building to be erected for School District No. 1; will contain approximately 40 classrooms with auditorium and gymnasium.

BANKS, STORES & OFFICES

Plans Being Figured.
STORE BLDG. Cost, $28,000
PALO ALTO, Santa Clara Co., Cal., Emerson St., bet. Hamilton & Forest Aves.
One-story concrete store bldg. with terra cotta exterior.
Owner—Palo Alto Imp. Co., Palo Alto.
Architect—Birge Clark, 600 Embarcadero Rd., Palo Alto.

Contract Awarded.
STORES & OFFICE Cost $15,000
SAN FRANCISCO, E Fillmore 68-9 N O'Farrell.
Two-story brick stores and offices.
Owner—Sam Schwartz, 110 Sutter St., San Francisco.
Architect—S. Heiman, 57 Post Street. San Francisco.
Contractor—J. Martinelli, 180 Jessie St., San Francisco.

Plans Being Figured—Bids Close April 1st or 2nd.
OFFICE, ETC. Cost, $80,000
SAN FRANCISCO, NW 10th & Howard Streets.
One-story and basement reinforced concrete class B office, warehouse and showroom bldg.
Owner—T. W. Corder.
Lessee—Sloss & Brittain.
Architect—M. V. Politeo, 1st Natl. Bk Bldg., San Francisco.
Figures are being taken for a general contract.

Plans Being Prepared.
STORE & OFFICE Cost, $30,000
OAKLAND, Franklin Street between 14th and 15th Streets.
Alter 2-story class C store and office building.
Owner—East Bay Title Insurance Co.
Architect — Hamilton Murdock, 425 Kearny St., San Francisco.

Bids Opened.
STORE & OFFICE BLDG. Cost, $—
SACRAMENTO, Cal., K St., bet. 11th and 12th Streets.
One 2 or 5-story class A steel, brick and terra cotta store and office building designed for a 12-story structure.
Owner—H. H. & W. S. Hart.
Architect—F. A. Foale, Ochsner Bldg., Sacramento.
Bids have been taken under advisement.
(1) 5-story and basement; (2) 2-story and basement; (3) 1-story and basement:
Wm. Murcell, Ochsner Bldg., Sacramento, (1) $285,600; (2) $134,846; (3) $91,460.
Fred H. Betz, Sacramento, (1) $289,600; (2) $137,000; (3) $111,000.
Campbell Constr. Co., Sacramento, (1) $297,532; (2) $125,692; (3) $89,800.
K. E. Parker Co., S. F., (1) $306,980; (2) $130,456; (3) $94,850.
Geo. D. Hudnutt, Sacramento, (1) $310,667; (2) $154,455; (3) $94,984.
Holdener Constr. Co., Sacramento; (1) $338,500; (2) $146,700; (3) $104,300.

Plumbing

Hateley & Hateley, Sacramento, (1) $16,508; (2) $3191; (3) $2198.
Luppen & Hawley, Sacramento, (1) $16,547; (2) $3613; (3) $1941.
Latourrette-Fical Co., Sacramento, (1) $16,908; (2) $1730; (3) $1325.
Francis Plumbing Co., Sacramento, (1) $17,518; (2) $4135; (3) $1717.
Scott Company, (1) $18,738; (2) $3436; (3) $1987.

Heating

Latourrette-Fical Co. (1) $12,889; (2) $1984.
Hateley & Hateley, (1) $13,663; (2) $2760.
Luppen & Hawley, (1) $13,769; (2) $3613.
The Moore Dry Dock Co., foot of Adeline St., Oakland, submitted the lowest bid for the structural steel at $82,292 for 5-story and $51,575 for 2-story.

Contract Awarded.
STORE BLDG. Cost, $—
OAKLAND, Alameda Co., Cal., Clay bet. 14th and 15th.
Alterations to 8-story fireproof furniture store bldg., (occupied by John Breuner Co.)
Owner—W. C. Jurgens, Hotel Oakland.
Architect—Reed & Corlett, Oakland Bk Savings Bldg., Oakland.
Contractor—Oliver Duval & Son, Dalziel Bldg., Oakland.

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Piling & Reinforcing Steel Contracts Awarded—Sub-Figures Being Taken.
POST OFFICE BLDG. Cost, $500,000
SAN FRANCISCO, Embarcadero, Washington & Merchants Sts. 289 by 206 by 141 ft.
Four-story and basement class A Post Office building.
Owner—Jacob Kulp, 33 So. La Salle St., Chicago.
Lessee—U. S. Government.
Architect—A. Alshuler, Chicago.
Contractor — MacDonald & Kahn, 130 Montgomery St., San Francisco.
Wood piling awarded to M. B. McGowan, 180 Jessie St., at approx. $36,000
Reinforcing steel to Badt-Falk Co., Call Bldg.

Plans Being Figured.
STORE & OFFICE Cost, $20,000
SAN FRANCISCO, Fillmore & O'Farrell
Two-story brick store & office bldg.
Owner—Harry Siegler.
Architect—S. Heiman, 57 Post St., San Francisco.
Figures are being taken for a general contract except the brick work, which will be let separately.

LOS ANGELES, Cal.—Archts. Morgan, Walls & Clements, 1124 Van Nuys Bldg., L. A., are preparing plans for a 2-story brick class C store and loft bldg. to be erected at s.w. cor. of 16th and Hill Sts. for National Automotive Insurance Co. Dimensions, 100x100 ft., brick walls, stucco and cast stone exterior, plate glass, steel beams, comp. rfg., metal skylights, pine trim, cem. and wood flrs.

LOS ANGELES, Cal.—H. M. Baruch, 444 I. W. Hellman Bldg., L. A., has been awarded the general contract at $112,878 for erecting a 5-story class C store and loft bldg. on Figueroa St. south of 8th St. for A. C. Martin, agent. Plumbing, heating, sprinkler system, elevators and electric wiring will be let separately. Dimensions, 50x155 ft., brick walls, rug. brick facing, terra cotta trim, plate glass windows, steel beams, comp. rfg., metal skylights, steel sash.

STOCKTON, San Joaquin Co., Cal. — The California Steel Co., Hobart Bldg., San Francisco, has the contract to furnish the steel in connection with the construction of a ten-story class A bank and office building for the Stockton Commercial and Savings Bank. It is to be erected on Sutter street near Main in Stockton from plans prepared by Architects Bakewell and Brown, 251 Kearny St., San Francisco. C. H. Snyder 251 Kearny St., S. F., is the engineer and Lewis & Green, Commercial Bank Bldg., Stockton, are the managers of construction. Mr. Snyder will shortly take bids on other portions of the work

SAN FRANCISCO—Gladding-McBean & Co., Crocker Bldg., has been awarded a contract at $400,000 for furnishing the architectural terra cotta for the 26-story class A office building of the Pacific Telephone & Telegraph Co. It is being erected on New Montgomery and Minna Streets. J. R. Miller, T. L. Pflueger and A. A. Cantin, Lick Bldg., are the architects.

PASADENA, L. A. Co., Cal.—Archt. Frederick L. Kennedy, Jr., 25 E Green St., has prepared preliminary plans for a 2-story, steel and conc. store and office bldg. to be erected at n.e. cor. Colorado St. and Los Robles Ave., Pasadena, for F. L. Dickenson of L. A., who has leased the site. Six stores and 20 offices. Work cannot start until the site is vacated by the United Presbyterian church upon the completion of its new church.

SAN DIEGO, San Diego Co., Cal. — Work is reported to start soon on a 10-story professional bldg. at Fourth and Beech Sts. Plans by Archt. Lincoln Rogers, 533 Spreckels Bldg., San Diego. The bldg. will contain garage in the basement for use of tenants. stores on the ground floor, and doctor's offices above. Est. cost, $500,000. Plans are being completed now and it is planned to have the bldg. in operation in Feb., 1925.

RENO, Nevada—Reno National Bank, Geo. Wingfield, president, has purchased additional property in Second street and contemplates erection of new bank building.

LOS ANGELES, Los Angeles Co., Cal.—Southern California Telephone Co. is taking bids for a four-story Class A telephone building to be erected at Washington St. and Grand Ave., Los Angeles, and a three-story telephone building to be erected on Fifth St., between Mesa St. and Pacific Ave., San Pedro.

SANTA BARBARA, Santa Barbara Co., Cal.—A. C. Blumenthal of Los Angeles has taken possession of the Catholic church property at State and Figueroa Sts. and work of clearing the property will start soon. Plans for a 3-story unit type shop and studio bldg. have been prepared by Archts. Sauter & Lockard, San Marcos Bldg., Santa Barbara. The bldg. will be of Spanish style with flat roof for automobile park. The units are to be leased for long terms or sold outright.

THEATRES

Figures to be Taken Next Week.
THEATRE Cost, $120,000
SACRAMENTO, Sacramento Co., Cal.
Corner 33rd St. and Sacramento Blvd.
Class A store and theatre building.
Owner — M. Blumenfeld and Samuel Gordon.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Figures will probably be taken both for a general contract and segregated contracts.

Plans Being Prepared.
THEATRE Cost, $20,000
KING CITY, Monterey Co., Cal.
One-story reinforced concrete or hollow tile motion picture theatre.
Owner—Leslie Hables.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

SAN JOSE, Santa Clara Co., Cal.—Grattan D. Phillips and Fred W. Hollman of San Francisco have purchased the Auzerais Building for approximately $250,000 and contemplates early improvements to the property, possibly with a theatre and store building. Nothing definite, however, has been determined regarding the improvements.

FULLERTON, Orange Co., Cal.—It is reported that Stanley Chapman is preparing to erect a large theatre at Spadra and Chapman Aves. It will have frontage of 200 feet on the former. The building will be combined theatre and office building.

WHARVES AND DOCKS

SAN FRANCISCO—The State Board of Harbor Commissioners has awarded to M. B. McGowan, 180 Jessie St. contract for wrecking and replacing the Olsen-Mahoney wharf on Channel St., between 5th and 6th.

WILMINGTON, Los Angeles Co., Cal.—Architect Albert C. Martin, 228 Higgins Bldg., Los Angeles, has prepared plans for two wharf buildings to be erected on a pier being constructed at Wilmington for the Pacific Coast Borax Co. W. M. Ledbetter Co. is constructing the wharf. The buildings will be steel frame, corrugated iron sides and roof, 40x80 ft. each, steel sash, metal skylights. One of the buildings will be finished as a two-story office building with steam heat, plaster board partitions and ceilings, pine trim, vault door.

SAN DIEGO, Cal.—See "Government Work and Supplies," this issue.

MISCELLANEOUS BUILDING CONSTRUCTION

VENTURA, Ventura Co., Cal.—Architect Albert C. Martin, 228 Higgins Bldg., Los Angeles, has prepared plans for a private mausoleum to be erected at Ventura for the Logomarsino Est. Granite exterior, marble and bronze interior finish.

RICHMOND, Contra Costa Co., Cal.—City Building Inspector estimates cost of municipal bathhouse at $85,448; segregated as follows, concrete swimming tank, 60 by 160-ft., $18,000; frame building to house tank, stucco exterior, $45,000; heating and filtration system, $10,000; pipe line $12,448. Pumping plant not included in estimate report. A. O. Faris is city clerk.

SALINAS, Monterey Co., Cal.—Until April 21, bids will be rec. by M. R. Keef, city clerk, to erect grandstand and caretaker's bungalow at rodeo grounds; est. cost $35,000. Plans obtainable from city clerk.

WINNEMUCCA, Nevada—O. C. Johnson, of Elko, is authority for the statement that California capitalists will finance the construction of a $500,000 smelter at Winnemucca in the vicinity of the American Beauty mine.

SACRAMENTO, Cal.—Pacific Gas & Electric Co., E. W. Florence, district manager, has purchased additional property in block bounded by T and U, Front and 2nd Sts., and plans additions to present gas plant.

SALINAS, Monterey Co., Cal—As previously reported, bids will be rec. by M. R. Keef, city clerk, up to April 21, 7:30 p. m., to const. bleachers and cottage at Rodeo grounds. Segregated bids are wanted for (1) construction of grandstand, bleachers and four-room cottage, as a whole; (2) construct grandstand and bleachers; (3) construct 4-room cottage; (4) construct all improvements with exceptions and reservations as provided in specifications. Marshall A. Dean, architect, 825 Pine St., Pacific Grove. **See call for bids under official proposal section in this issue.**

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Building and Engineering News, 818 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

D-1160—Oakland, Oregon. Gentleman desires to communicate with party or firm handling piling timber. Is in position to handle contracts of moderate size.

D-1161—Fresno, Calif. Party interested in getting in touch with concerns manufacturing dies for 1/16-inch metal

D-1162—New York, N. Y. Firm wants to communicate with first class mill that can supply fir and other classes of timber. References on hand at the domestic trade bureau, Chamber of commerce.

D-1163—Los Angeles, Cal. Manufacturers of magnesite stucco material desire to communicate with manufacturers of abalone dash.

D-1166—Philadelphia, Pa. Firm desires manufacturer's agent handle domestic water heaters.

D-1169 — San Francisco. Importers and exporters desire to get in touch with manufacturers of machinery suitable for making small confectionery flatbottom paper bags.

D-1174—Houston, Texas. Firm desires quotations on an order for 10,000 to 25,000 pneumatic cloth covered belts 7½ inches wide and from 30 to 48 in. long. Annual requirements will run between 50,000 and 100,000 belts.

D-1177—Detroit, Mich. Concern will be in market during coming year for several cars of Philippine mahogany alsofor big timber fir panels.

8074—Monterey, Mexico. Firm desires to buy barrels of various sizes and a tank of 20,000 capacity. Catalogs and full information are desired from San Francisco firms.

8077—Mulheim, Ruhr. Manufacturer of iron drums, from 16-gallon size to 137 gallons, desire to quote prices to San Francisco users or importers. Delivery is promised ex works within four weeks. Correspondence is invited.

8085—San Francisco—Representative of firm in Sydney, Australia, desires to obtain the agency of San Francisco producers of patent mechanical line and general hardware in Australia. Goods already patented in Australia are preferred.

8086—Mexico, D. F. Civil engineer, with wide experience in Peru, Uruguay and Mexico, surveying, excavating, constructing railway, and irrigation projects, desires to communicate with San Francisco firms which plan construction in Latin-America.

8088—San Francisco. Executive, fifteen years' experience in sales management, purchasing and exporting, desires permanent connection with established local foreign trade firm. Has had experience with pipes, fittings, valves, boilers, marine supplies and kindred lines.

Leads for Business

ADVERTISING — D. A. Coleman, 16 Geary.
ARTIFICIAL FLOWERS—Larkin Artificial Flower Shop, 716 Larkin.
ARTISTS—Oscar Witthoft (with C. T. Nittel), 593 Market.
Geo. Kegg (commercial), 535 Sacramento to 870 Market.
ATTORNEYS—D. M. Duffy, 703 Market.
E. T. Fitzpatrick, Standard Oil Bldg.
Lent & Humphrey, 220 Montgomery to Standard Oil Bldg.
C. W. Dooling, 220 Montgomery.
AUTOMOTIVE—Garage permits granted Chas. W. Hunt, 3264 17th to R. H. Wren, 884 Mission.
Lubarsky Biagini & Co., E Montgomery N Jackson.
BEAUTY PARLORS—Milady's Beauty Shop, 1510 Haight.
BUILDING MATERIALS — Hoffman Mfg. Co., 681 Market.
CHEMICAL PRODUCTS — Chipman Chemical Engineering Co. 582 Market
CLOTHING — Union Clothing Co. (W. Biglovsky, H. N. Harris, I. Klieger), 83 3rd.
COFFEE—Manning's Inc., opening in New Metropolitan Market, 747 Market.
GROCER—Michael Shanahan, 393 30th
INVESTMENTS—J. D. Hartigan, Insurance Exchange.
LAUNDRY—Laundry permits granted to Jean P. Pressans, 1031 Ovean Ave. and J. T. Mondot, 607 Geary.
LEASES—R. B. King leased Alcazar Hotel, 33 O'Farrell.
Nicola Stamen leased hotel 447 Bush.
LUMBER—Geo. A. Racouillat (Chronicle Bldg.) 735 Third.
MFRS. AGENTS — Pitts & Loughlin, Dollar Bldg.
METAL WORKS—Magnolia Metal Co., 360 Bryant to 431 Bryant soon.
PAINTING—Herb Raether (auto), 1124 Harrison.
PHYSICIANS—Dr. Jean Martin to 380 Post.
WOODWORKING—A. Johnson (cabinets), NE 10th and Harrison.
MISCELLANEOUS — Amer. Scrubbing Equipment Co.
ACCOUNTANTS—Jonathan B. Cook & Co., 703 Market.
ATTORNEYS—W. J. Presho, 250 Stockton.
AUTOMOTIVE—Auto accessories concern, 662 Mission, soon.
BUILDING MATERIALS — Heimbach Incinerator Co., Building Material Exhibit, 77 O'Farrell.
CHEMICAL PRODUCTS — Pyramid Fertilizer & Chemical Co. (. E. Pearson), Call Bldg.
CREIDT RATINGS—Equitable Credit Co., Alaska Coml. Cldg.
FURNACES—Eclipse Fuel Engineering Co. of Rockford, Ill. (J. H. Knapp, rep.), St. Clair Bldg.
APARTMENTS—El Crest Apts. (Mrs. Margaret Redding), 165 Turk.
ATTORNEYS—F. J. Mannix, 220 Montgomery.
R. A. Raprey (with F. B. Finch), Hearst Bldg.
AUTOMOTIVE — Kinsey & Sievert (garage), 834 Divisadero.
FLOORING—Carter Bloxonend Flooring Co; Compound & Pyrone Door Co., 582 Market.
GRAIN—C. A. Levensaler, 465 California.
INSURANCE—T. F. Logan and E. A. Herrmann, Dollar Bldg.
Jos. Mulvihill, 438 California.
MACHINES—Powers Accounting Machine Corp (New York), 760 Market.
MARKETS — Cowan's Meat Market, 1423 Fillmore.
MFRS. AGENTS—J. L. Darragh and C. M. Nichols, Pacific Bldg.
Engle-Reid Co., 149 California.
NURSERY—Bellevue Nursery Co., 295 Guttenberg.
PHYSICIANS — Dr. H. A. Stone, 908 Market.
Dr. Louis Ryan and Dr. H. V. Hoffman (309 Post), 660 Hyde.
RESTAURANTS — Martin & Charles, 279 to 286 Brannan.
Golden Buck Grill, 564 Geary.
SHOW CASES — Grand Rapids Show Case Co. (Grand Rapids, Mich.), Atlas Bldg.
WELDING EQUIPMENT—Reid-Avery Co., Philadelphia (R. O. Waldman), 550 Howard.
MISCELLANEOUS—Corporation Service, Inc., Mills Bldg.
Stevens Laboratories, Martin S. Barrett Co., Cosmos Products Co., 55 New Montgomery.
LEASES — Jan. 30, 1924—Albertina Grella to A. Steier—NW Cor. Howard and 13th Sts., No. 1696 Howard, 4 years, $7680.
Mar. 16, 1924—Henry and Franz Groschel to Marie A. Snyder—580 O'Farrell St, Hacienda Hotel, 6 yrs. 9 months, $79,950.
Mar. 29, 1924—Albert E. and Eva S. Kern and Samuel Hamburger to R. Campbell, L. Grialou and A. Pechoultres—SE Mission 150 SW 4th SW alg SE Mission 73xSE 166 to NW Minna No. 819 Mission St., 15 yrs., $252,000.
Jan. 31, 1924—Joseph Weiss to Sam Capraro—4338 California St., 5 yrs., $2880.
ASSIGNMENT OF LEASE — Mar. 16, 1924—W. L. Snyder and Anna Snyder to Marie A Snyder— or — Hotel Hacienda, 580 O'Farrell St.
ATTORNEYS — R. M. Light, Geo. D. Perry, Mills Bldg. to Standard Oil Bldg.
Lambert Cushion Tire Co., 38 Davis.
AUTOMOTIVE & RAILWAY APPLIANCES—Buda Co. (Harvey, Ill.) to open 662 Mission soon.
BAKERIES—Philpot Brokerage Co. & Sunset Service Corp., Santa Marina Bldg.
BUILDING MATERIALS—Mission Concrete Co., 125 Kissling moved to Call Bldg.
CANDY AND FAVOR MAKING INSTRUCTION—Chocolate Studio (Miss E. B. Elworthy), 200 Post.
CONTRACTORS—Fernando Nelson and Sons, 935 Ulloa to 2 West Portal.
CORSETS — Comet Hosiery Co., 49 Geary.
DENTISTS—Dr. G. M. MacVevin, Gillette Bldg. to 870 Market.
ENGINEERS—Fonda-Tolsted Incs., 582 Market.
FURNITURE—R. D. Bowers (refinisher), 1308 Divisadero to 1833 Clement.
HEATING SYSTEMS—Rudd Heater Co. (Basford), 431 Sutter to 245 Mason soon.
HORSESHOER — S. M. McDonald, 14 Merchant to 251 Steuart.
LABELS AND STICKERS—Simpson & Doeller Co. (Baltimore, Md.), Santa Marina Bldg. to 681 Market.
MACHINERY — Industrial Drive & Equipment Co., 119 Jessie to 615 Howard.
PAINTS—Brininstool Co (Los Angeles) 2701 16th.
PAPER—Steve Hopkins, W. A. Daggett and H. L. Peterman, Hearst Bldg., to Santa Marina Bldg.
PHYSICIANS—Dr. H. W. Fleming, Dr. H. C. Naffzinger and Dr. C. B. Moore, 291 Geary to 380 Post.
Dr. M. B. Lennon and Dr. R. W. Harvey, 135 Stockton to 380 Post.
PIANOS — Heine Piano Co. opening salesrooms Strand Theatre Bldg.
PRINTING — Phil W. Tobias Printing Co. (with Blanchard Press) 1228 Folsom to 222 Golden Gate Ave.
PUBLISHERS — Good Home Council Publishing Co. (W. P. Tobias Printing Co.), 1224 Folsom to 222 Golden
NECKWEAR—H. F. Beyerstedt, Commercial Bldg.
PHYSICIANS—Dr. A. F. Sampson and Dr. J. J. Sampson, 291 Geary.
PIANOS—Louis F. Goelzlin (with Fisk Music Publishing Co.), 908 Market.
PUMPS AND TANKS—S. F. Bowser & Co. soon to move from 612 Howard to new building.
U. S. Engineer, 85 2nd, buying boiler feed pump valves and boring bar—March 31.
REAL ESTATE—L. Greenwald, 220 to 315 Montgomery.
REFRIGERATORS—Dry-Zero Portable Mfg. Co. (Oakland), F. G. Lansdowne, Mgr., 531 Howard.
SHIPPING—Lincoln Terminals, Santa Marina Bldg.
STORES—Three tenants in new stores NW Cor. Geary and Leavenworth.
MISCELLANEOUS—H. W. Block Mfg. Co., 321 Kearny.
LEASES—Mar. 19, '24—Julia Strassburger to Joseph Meyers as Wardrobe Cleaners & 148 Taylor 4 yrs. 4 mos. $5900.
Feb. 1, '24—Hattie Bibbero to John Hayden—E Mission bet. 23rd & 24th sts. Nos. 2773 & 2775 Mission st. lot being 33 x 122-6 7 yrs. $42,000 with option for further term of 3 yrs.
Jan. 24, '22—Ida Anne Cohen to Henry J. Toft and David L. Clement as Toft & Clement—SE Geary & 7th ave. E 57-6 x S 100 ptn, O L 278 5 yrs. $9000 and option to renew.
Mar. 10, '24—George A. and Nellie Brown Clough to Thomas Lawrence —E Mission 69-9 N 13th N alg E Mission 70 to S line land now or fmly owned by Spreckels E 87-6 to W line now or fmly owned by Krone S 70 m or l to N line land now or fmly owned by Sammi W alg N line said land 89 m or l to E Mission & pt of beg M B 15 3 yrs $4320.
Mar. 15, '23—Isaac H Morse to Hunt, Hatch & Company—NW Washington & Front N alg Front 93-8 W 137-6 S 24-11 E 50 S 68-9 to N Washington E 87-6 to beg 10 yrs $84,000.
Mar. 21, '24—R E and P S Wood to J G Johnson—E Evans av S of 3d 3 yrs $4680.
Oct. 11, '23—Edward Denigan and E A Demoulin to George Mantzoros and George Diamantis—S Geary bet Taylor & Jones No 549 Geory st 5 yrs $8400.
Assigned Mar 4, '25 to George Mantzuros.
LEASES—Dec. 31, 1923—Phina Kahn to Peter Loustau—NW Cor. Second and Folsom Sts. Planters Hotel, No. 286 Second St., 5 years, $27,300.
April 1, 1924—Leon A. Lazarus to Telsujiro Mori—No. 1511 Geary St., 5 years, $60 per month.
Mar. 1, 1924—J. W. Stone to A. H. Ward—S Commercial 200 W Montgomery No 627 Commercial St., 5 years, $55 per month.
ACCOUNTANTS—D. A. Parker & Co., 325 Bush.
W. F. Stoneback, 821 Market to 156 Montgomery.
ART METAL—Palmer Shop, 447 Stockton.
ARTISTS—Lillian O'Ryan, 163 Sutter.
AUTOMOTIVE — Echlin, Scheeline & Echlin (accessories), 799 Golden Gate Ave.
BEAUTY PARLORS—Shop of Beauty Craft (Jule B. Price), Geary and Mason.
CHEMICAL PRODUCTS — Perolin Co. (Chicago), 661 Folsom.
CHINESE HERBS—Jai Min Co., 1020 Stockton.
CONTRACTORS—Julius Martinelli, 160 Jessie to 74 New Montgomery.
DENTISTS — Dr. F. L. Pritchard, 240 Stockton.
Dr. L. M. Purser, 177 Post.
Dr. Otto Reed, to 924 Market.
DYNAMOS — Peerless Electric Co. (Warren, Ohio) 116 New Montgomery
IMPORTS—C. A. Phleger & Co. and S. Wolff & Co., 341 Montgomery to 320 Market.
INSURANCE—R. A. Shaw, V. Rigsby, G. E. Starr, 215 Bush.
JEWELERS — R. J. Olson, 2473 Mission.
MFRS. AGENTS—David Davis, 1500 7th
A. H. Fotbury, 593 Market.
MINING—Metals Exploration Co., 582 Market to 225 Bush.
PHYSICAL CULTURE—J. E. Quine to 376 Sutter.
PHYSICIANS—Dr. H. S. Thomson, 670 Market to 380 Post.
Dr. R. L. Richards, Dr. Langley Porter and Dr. Rena Piper, 240 Stockton to 380 Post.

Official Proposals

NOTICE TO BIDDERS

(Turlock Irrigation District, Stanislaus and Merced Counties, California)

Sealed proposals will be received at the office of the Turlock Irrigation District at Turlock, California **until 10 o'clock A. M., on the 18th day of April, 1924,** for proposals to purchase the following described electrical equipment, namely:—

No. 1. 1 Generator, 3000 kilowatts;
No. 2. 1 Transformer, 400 Kilowatts
No. 3. 1, 3300 kilowatt vertical turbine wheel, 115 foot head;
No. 4. 1, 1000 kilowatt horizontal turbine wheel, 115 foot head;
No. 5. 1 switch-board and equipment;
No. 6. 2 penstocks.

Full plans and specifications can be seen upon application at the office of the Board of Directors of the Turlock Irrigation District at Turlock, Calif.

Separate bids shall be made for all of the above equipment and the Board will receive sealed proposals therefor, and the contract will be let to the lowest responsible bidder but the Board shall reserve the right to reject any and all bids.

The proposals must be accompanied by a certified check for five per cent of the amount of the bid, payable to the order of the Treasurer of the Turlock Irrigation District, for the benefit of said District as a guarantee that the bidder will, if successful, execute a satisfactory contract and furnish a bond in the sum of not less than twenty-five per cent of the amount of his bid for the faithful performance of the work in accordance with the specifications, and a bond for fifty per cent as provided in Chapter 303 of the Statutes of 1919 of the State of California, said bonds to be approved by said Board.

All of said equipment must be shipped on or before four and one-half months from the date of the acceptance of the bid.

Proposals must be marked "Proposals for the furnishing of the Equipment," and address, "Secretary, Turlock Irrigation District, Turlock, California."

Done in pursuance of an order of said Board of Directors of the Turlock Irrigation District, this 24th day of March, 1924.

S. A. HULTMAN, President.
ANNA SORENSON, Secretary.

NOTICE TO CONTRACTORS

(Kern County Union High School Dist.)

Notice is hereby given that the Board of Trustees, Kern County Union High School District, Bakersfield, California, will receive sealed bids at the office of the Board, up to **8 p. m., of April 21st, 1924,** for furnishing all materials and labor for and the erection and completion of a Plunger Electric Freight Elevator, complete with inclosure doors, gates, etc., to be installed in the Shops Building, Kern County Union High School, Bakersfield, California, in accordance with plans and specifications for said elevator on file with the Clerk of said Board and open for the inspection of bidders. Copies of said specifications may be had at the office of the Architect, Charles H. Biggar, 405 Bank of Italy Bldg., Bakersfield, California, and the work will be done under his supervision. Each bid must be accompanied by a certified check or Bidders Bond in the amount of at least ten per cent of the amount bid. Such check to be made payable to the Clerk of the Board of Trustees, Kern County Union High School District, and will be forfeited to said Board should successful bidder fail to enter into contract for said work within a reasonable time and in addition thereto furnish good and sufficient bonds therefor. Surety Bonds in the amount of 75 per cent of the contract price required.

The Board of Trustees reserves the right to waive any or all bids or to waive any informality in any bid received.

By order of the Board of Trustees, Kern County Union High School District, Bakersfield, California.

W. J. WALTERS, President.
BOYCE R. FITZGERALD, Clerk.

> A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.
>
> **Rate:** 10 cents per line, per insertion.
>
> All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO CONTRACTORS

(Sequoia High School District)

Notice is hereby given that sealed bids will be received by the Trustees of the Sequoia High School District, for the grading and preparing grounds; furnishing and planting trees, shrubs and plants; planting lawn and constructing walks around the new Sequoia High School in Redwood City, California.

The plans and specifications for the same may be had by applying at the office of the principal in the new High School building. Bidders may submit their own Plans and Specifications.

Bids for the work may be left with the undersigned, the clerk of said Board of Trustees, up to and including the hour of **1:30 P. M., on the 12th day of April, 1924.**

Bids must be accompanied by a certified check for ten (10) per cent of the bid to guarantee faithful performance of said contract.

The Board of Trustees reserves the right to reject any and all bids.

BOARD OF TRUSTEES, SEQUOIA UNION HIGH SCHOOL DISTRICT.
By Thomas O. Heydenfeldt, Clerk.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., on April 28, 1924,** at which time they will be publicly opened and read, for construction in accordance with the specifications therefor to which special reference is made, portions of State Highway as follows:

Ventura County, between Sea Cliff and Rancho El Rincon (VII-Ven-2-F & G), about one and two tenths (1.2) miles in length, to be graded, paved and protected by sea wall.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: March 31, 1924.

NOTICE TO CONTRACTORS

(Sacramento County — Paintersville Bridge)

Sealed bids will be received by the Clerk of the Board of Supervisors of Sacramento County, California, at the office of the said clerk of the board, in the courthouse, Sacramento, California, **up to 10 o'clock A. M., April 7, 1924,** for the construction of a highway bridge across the Sacramento river, near Paintersville, Sacramento County, California.

Each bidder must submit a proposal to the Clerk of the Board of Supervisors on standard forms, which may be obtained from the county engineer, said proposals to be accompanied by a certified check of ten per cent of the amount bid, check to be made payable to the chairman of the board of supervisors of Sacramento County, Calif.

Plans and specifications are on file in the office of the county engineer and the clerk of the board, to which bidders are hereto referred.

The Board of Supervisors reserves the right to reject any and all bids received, and waive any informality in the bids received, as the public good may require.

HARRY W. HALL,
Clerk.
By William Hickey, Deputy.

BIDS WANTED FOR WIRE GRATING

NOTICE TO CONTRACTORS

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal. Sealed proposals will be received here until 11 A. M., April 7, 1924, for wire gratings for guard house Fort Winfield Scott, Calif. Information upon application.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

Engineering News Section

BRIDGES

MONROVIA, Cal.—City trustees and county supervisors are considering plans for point const. of bridge across the Santa Anita Wash at Huntington Dr. Bonds for the city's share were recently voted and the funds will be available shortly.

LONG BEACH, Cal.—Estimates of cost to const. Pacific Elec. overhead crossing for Pacific Ave. near Los Cerritos is $172,000.

VENTURA, Cal.—See "Streets and Sewers," this issue.

RENO, Nevada—J. L. Jensen, Reno, at $1120, $8 lin. ft. awarded cont. by city council to const. two conc. culverts, one in Chestnut St. and another in Rock St. Other bids: Burrows & Frisch, $8.30 lin. ft.; F. J. Cafferata, $8.50 lin. ft.

HANFORD, Kings Co., Cal.—Supervisors will const. by force account bridge on highway 2 mi west of Corcoran, destroyed by fire Mar. 19. County purchasing agent instructed to purchase material and supplies.

MARYSVILLE, Yuba Co., Cal.—County supervisors order plans prepared to widen Parks Bar Bridge over Yuba river.

LOS ANGELES, Cal.—Until 2 p. m., April 28, bids will be rec. by supervisors to const. 2 bridges on Las Tunas Dr. over Eaton Wash in Rd. Div. No. 103; will be 59.5 ft. in length, 20 ft. wide, of pile bent construction, one on each side of the San Gabriel branch of the Pac. Elec. Ry. The total cost of both $5000.

ELLENSBURG, Wash. — Grant & Kittitas County Boards of Commissioners contemplate joint construction of steel bridge ranging bet. 1,700 and 1,800 ft. long over the Columbia river at Vantage, about 32 mi. east of Ellensburg on the North Central highway; est. cost, $350,000 to $500,000.

LOS ANGELES, Cal.—W. M. Ledbetter & Co., 759 Pac. Elec. Bldg., submitted low bid to Bd. Pub. Wks. at $1830 to const. six pile and six frame bents under First St. Viaduct, across Los Angeles river (using new fir piles); also at $1755 in accordance with spec. but using sound second hand cedar posts for piles. Other bids were: Wheeler Co. $2200; Mercereau Bridge & Constr Co., $2485.

DREDGING, HARBOR WORKS AND EXCAVATIONS

MERCED, Merced Co., Cal.—Plans are on file in the office of Building and Engineering News, 818 Mission street, San Francisco, for canal excavations for the Merced Irrigation District, bids for which will be opened April 8. Same are open for inspection of those interested in the work.

PLACERVILLE, El Dorado Co., Cal. —El Dorado Water Co. awards cont. to Simpson Bros., Sacramento, to extend ditch from Weber Creek Reservoir to city of Placerville, providing water for approx. 9,000 acres.

COLUSA, Colusa Co., Cal.—Reclamation District No. 108 will expend $60,000 at once in canal extensions. The district has a surplus fund of $500,000 from a $3,050,000 bond issue voted in February 1923 to finance works in district.

KLAMATH FALLS, Ore.—See "Government Work and Supplies," this issue. Blds opened for canal excavations.

IRRIGATION PROJECTS

TURLOCK, Stanislaus Co., Cal.—Until April 21, bids will be rec. by Turlock Irrigation District for purchase of $500,000 bond issue to finance construction of electrical distribution lines and general improvements.

MERCED, Merced Co., Cal. —Bonds of $3,500,000 voted in Merced Irrigation District to finance completion of upper works in the district. A complete list of the work yet to be undertaken follows:

Complete Exchequer dam, $3,833,000 which includes $357,000 for contingencies, supervision and engineering.

Exchequer Power House, $1,268,000 of which $115,000 is for contingencies, supervision and engineering

Relocation of Yosemite Valley R. R., $3,617,395, of which $226,000 is allowed for contingencies, superintendence and engineering.

Rights of way purchase for reservior site and railroad, $115,000.

Total estimate to complete upper works of district is $8,850,000, of this $700,000 is allowed for contingencies and superintendence.

R. V. Meikle is chief engineer for district.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—H H. Walker, 1800 W. 12th St., awarded contr. by Bd. Pub. Wks. at $44,818 to const. lighting system in Brooklyn Ave. bet. Evergreen Ave. and 2 ft. west of Kearney St.

R. A. Wattson, 4907 Melrose Ave., awarded contr. at $5889 to const. system in Arden Blvd, bet. 8th St. and Wilshire Blvd.

Electric Lighting Supply Co., 214 W. 3rd St., awarded contr. at $3065 to const. system in Shatto Pl., bet. Wilshire Blvd. and 7th St.

LONG BEACH, Cal —Osborn Elec. Co., 450 California Terrace, Pasadena, awarded contr. by council at $19,555 to const. lighting system in 4th St., bet. Pine Ave. and Golden Ave.

SUISUN, Solano Co., Cal.—City votes bonds of $11,000 to finance installation of electrolier system.

Carbide Flare Lights

OxyAcetyleneEquipment

Goggles—Respirators

First Aid Supplies

Carried in stock

E. D. BULLARD

565 HOWARD STREET

San Francisco, Calif.

Douglas 6320

MACHINERY AND EUIPMENT

LOS ANGELES, Cal.—Ricker Mchy. Co., San Fernando Bldg., submitted only bid to public service comm. at $605, for fur. one 17-ft. 6-in. combination or armored boom for Model 21 Marion shovel, serial No. 4593, under spec. P. A. Adv. No. W-218.

PORTLAND, Ore.—Wallace Equipment Co., Seattle, at $165,000 awarded cont. by Port of Portland Commission to const. hull for Diesel electric dredge Clackamas. Jas. H. Polhemus is now seeking estimates for installation of necessary electrical equipment.

SAN FRANCISCO — Kleiber Motor Truck Co., at $5285 awarded cont. by supervisors to fur. 2½-ton motor truck for use of street cleaning dept.

ORANGE, Cal.—Standard Engine Co., Oakland, submitted low bid to city trustees at $6602 to fur. 120 brake h.p. natural gas engine for use in connection with new waterworks system. Other bids were: Hope Engine Co., Los Angeles, $6720; Western Machinery Co. Los Angeles, $6770.

RAILROADS

RIVERSIDE, Cal.—Union Pacific Ry. plans to expend approx. $225,000 for additional sidetracks in Riverside and at Wineville. N. A. Williams, gen. supt. L. A. and Salt Lake division.

STOCKTON, San Joaquin Co., Cal.—Stockton Electric Co. applies to city council for franchise to construct and maintain street car tracks in East Main street for approx. 5750 ft. from Wilson Way. A. L. Banks is city clerk and W. B. Hogan, city eng.

FIRE ALARM SYSTEMS

LOS ANGELES, Cal.—Bids will be asked at once by Bd. Pub. Wks. to fur. approx. 1000 fire alarm boxes, cable and other equipment for the proposed $1,000,000 fire alarm and police telegraph system to be installed under the $2,500,000 fire bond issue.

RESERVOIRS AND DAMS

HEALDSBURG, Sonoma Co, Cal.—John B. Leonard, consulting engineer, 57 Post St., San Francisco, commissioned to prepare plans for proposed dam in Russian river, to provide artificial lake, 260 ft. wide and several hundred feet long, of sufficient depth to permit boating and bathing. The work will be financed by the Healdsburg Chamber of Commerce.

ORANGE, Cal—J. A. Gowden, Orange submitted low bid to city trustees at $12,495 to const. reinf. conc. reservoir with wooden roof for the water dept. Other bids were: Clayton H. Landreth, $12,990; Geo. P. Pickering, $14,398; Fierson & Johnson, $14,912; Kinne & Westerhouse, $15,400; J. Simon Fluor, $16,205; Cox & Teget, $16,390; H. R. Bradley, $16,719; John Simpson & Co., $16,688; Homann & Tully, $17,727; Lipscomb & Dutton, $18,269; John S. E. Houck, $18,333; Robinson-Roberts Co., $18,330; Metcalf & Taner, $18,537; Harvey M. Hanawalt, $18,630; E. H. Walters, $18,695; Dunbar Conc. Wks., $18,750; Chas. D. Soteras, $23,070. Reservoir will have 1,000,000-gal. capacity and will be 100 ft. in dia. and 17 ft. high, of circular design. J. B. Lippincott & Co., Central Bldg., Los Angeles, consulting engrs.

TUSTIN, Cal.—C. E. Utt, citrus grower of Tustin, backs movement to build dam and reservoir near Prado, Riverside county, to supply additional water for Orange county farmers. It is estimated that approx. $75,000 will be required for a preliminary survey and that it will take $15,000,000 for the construction of the dam. The proposed reservoir will be 130 ft. deep at the dam and will impound the waters of the Santa Ana river.

OAKDALE, Stanislaus Co., Cal.—R. E. Hartley, engineer for Oakdale Irrigation District, has submitted report to directors of district on construction of proposed 160-ft. dam on what is known as Jenness site on the Middle Fork of the Stanislaus River; est. cost $800,000. Will have storage capacity of approx. 32,000 acre feet.

PIPE LINES, WELLS, ETC.

RICHMOND, Contra Costa Co., Cal. —Holgarth & Santos, 220 22nd St., Richmond, awarded cont. by city council to drill well in Nicoll Park. Bid is $3.50 per ft. for 1st 100 ft.; $4 ft. for next 50 ft. and 4.50 ft. for remaining 50 ft.

SEWAGE DISPOSAL PLANTS

GARDEN GROVE, Cal. — Garden Grove has been admitted to Anaheim, Santa Ana, Orange and Fuller joint outfall. This city will pay for and own 2½% of the outfall and treatment plant.

MISCELLANEOUS CONSTRUCTION

OLYMPIA, Wash.—Until April 22, 10 a. m., bids will be rec. by State Highway Commission, Jas. Allen, highway engineer, to const. conc. lining in highway tunnel on State Rd. No .8, 2.25-mi. east of Bingen, Klickitat county

FRESNO, Fresno Co., Cal. — Fresno Disposal Co. has started construction of $30,000 incinerator, capable of handling 70 tons of garbage daily. Frank H. Davis is president of the company.

WATER WORKS

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy instructed by supervisors to submit report covering petition seeking extensions of municipal railway into the Eureka Valley and West of Castro districts.

MANHATTAN BEACH, Cal.—Until 5 P. M., Apr. 8, bids will be rec. by city trustees for one 35 h. p., 440 volt, 50 cycle, 4 pole, vertical motor; one 12-in. vertical multi-stage turbine pump. Cert. chk. or bond, 10%. Llewellyn Price, City Clerk.

MANHATTAN BEACH, Cal.—Until 5 P. M. Apr. 8, bids will be rec. for 1000 ft. 6-in. c. i. water pipe (new or second hand). Cert. chk or bond 10%. Llewellyn Price, City Clerk.

PASADENA, Cal.—City directors declare inten. to lay:

4-in. c. i. water main in Yocum St., bet. Linda Vista and Ontario Aves.

Lay 4-in. c. i. water main in Hiatt St., bet. Allen Ave. and 155 ft. E of Meridith Ave.

SAN BERNARDINO, Cal.—Dr. J. N. Baylis has been named chairman of executive committee in charge of the campaign to put over the $275,000 water bond issue, for the development of Devil Canyon water supply and for new mains.

MONTEREY, Mexico — Carlos Paez, Apartado 199, Monterrey ,N. L., Mexico, is in the market to purchase barrels of various sizes and a tank of 20,000-gal capacity. Catalogs are also desired for such products.

ALAMEDA COUNTY, Calif. — East Bay Water Co., 512 16th St., Oakland, directed by State Railroad Commission to proceed at once with installation of additional water mains and pipe in the cities of Alameda, Berkeley, Oakland, Richmond, Emeryville, San Leandro and Piedmont, required to provide adequate service of water for municipal purposes, principally for additional fire protection in the east bay section. The amount of pipe required by each city and the cost of same is estimated as follows:

Oakland, 190,785 lin. ft. 6 to 24 in. mains	$ 690,000
Berkeley, 148,835 ft. 6 to 12 in.	471,000
Alameda, 33,870 ft. 6 to 20 in.	149,000
Richmond, 84,350 ft. 8 to 16 in.	303,000
Emeryville 4620 ft. 4 to 8 in.	13,000
Piedmont, 15,165 ft. 6 to 8 in.	29,000
San Leandro, 19,340 ft. 6 to 12 inch	52,000
Total, 496,965 ft.	$1,717,000

SANTA CRUZ, Santa Cruz Co., Cal.—Estimates of cost will be submitted to city council shortly to install filtering plant on San Lorenzo river for municipal water supply. Estiamtes will provide for a plant of 3,000,000 gals. daily capacity, permitting enlargements at a future date.

MONROVIA, Cal.—Until 7:30 p. m., April 11, bids will be rec. by city trustees for:

San Gabriel Plant—2700 G. P. M. deep well turbine; 2500 G. P. M. centrif. booster pump; 300 h.p. horizontal elec. motor; 100 h.p. vertical elec. motor; 320 b.h.p. gas engine; 120 b.h.p. gas engine.

Chapman Plant — 1350 g.p.m. deep well turbine; 100 h.p. vertical elec. motor.

Lime Ave. Plant—1800 g.p.m. centrif. booster pump; 125 h.p. horizontal elec. motor.

Ivy Ave. Plant—1350 g.p.m. centrif. booster pump; 150 h.p. horizontal elec. motor.

Cert. check 10%. Lewis P. Black, clk.

TACOMA, Wash.—Until April 9, 11 a. m. bids will be rec. by Ira S. Davission, City Commissioner of Light and Water, to fur. f. o. b. Tacoma, 500 ⅝ by ¾-in. round reading water meters. 35

YREKA, Siskiyou Co., Cal. — City trustees contemplate bond election to finance purchase Lewis property as source of water supply and make extensions to present sewer and water system.

SANTA CRUZ, Santa Cruz Co., Cal.—California Filter Co., Merchants Exchange Bldg., San Francisco, submits estimates to city council to install filter plant in connection with municipal water system. Filters, four in all, 2,000,000 or upwards capacity, from $15,000 to $16,000 and 3,000,000 to 4,000,000 gal. plant with two additional units, approx. $21,000 exclusive of concrete work. Taken under advisement.

PORTLAND, Ore.—U. S. Cast Iron Pipe and Foundry Co., at $271,940 awarded cont. by city commissioners to fur. 5,000 tons of pipe, of which 3000 tons will be Lavaud centrifugal c. i. and 2000 tons of regular stand. c. i.

PLAYGROUNDS AND PARKS

REDWOOD CITY, San Mateo Co., Cal.—Until April 12, 1:30 P. M., bids will be rec. by Thos. O. Heydenfeldt, Clerk, Sequoia Union High School District, to grade and prepare grounds; furnish and plant trees, shrubs and lawns; const. conc. walks at high school grounds. Cert. check 10% req. Further information obtainable from clerk. **See call for bids under official proposal section in this issue.**

REDWOOD CITY, San Mateo Co., Cal. —County purchases 330 acres of heavily wooded redwood land on Pescadero creek, 4-mi. from La Honda and will establish a public playground.

SEWERS & STREET WORK

LOS ANGELES, Cal.—Until 2 p. m., April 14, bids will be rec. by supervisors to imp. Pomona Blvd. from east end of existing conc. pavement on Pomona Blvd. east of town of El Monte, .91 mi., involv. 2711 cu. yds. excav.; 16,000 sq. yds. shaping roadway; 2133 cu. yds. removing old macad; 16,000 sq. yds. replacing sub-base; 16,000 sq. yds. conc. pavement; 4800 lin. ft. shaping shoulders. County to furnish 4896 bbls. cement. Av. haul, 0.7 mi. from Bassett on S. P. Ry.

Separate bids, same date, to imp. Pomona Blvd. from Ellis Lane east to Arden Dr. and from point 1142 ft. west of west end of Bassett bridge over San Gabriel river, east to El Monte-Covina Rd., 1.23 mi. involv. 645 sq. yds. shaping roadbed; 3080 tons asph. conc. top; 145 tons asph. conc. base (incl. excav) 2976 lin. ft. combined curb and gutter (incl. excav); 5622 sq. yds. shaping shoulder. Av. haul, 4 mi. from Baldwin Park.

OROVILLE, Butte Co., Cal. — Until April 7, 2:15 p. m., bids will be rec. by C. F. Belding, county clerk, to const. Cemetery Lane road, near Chico. Cert. check 10% req. Plans obtainable from Harry H. Hume, Co. rd. eng.

OAKLAND, Cal.—Until April 10, 10 a. m., bids will be rec. by E. K. Sturgis city clerk, to imp. portions of 27th Ave. involv. grade and pave; const. curbs, gutters and walks. 1911 Act. Cert check 10% payable to city req. W. W. Harmon city eng.

OAKLAND, Cal.—Until April 10, 12 M., bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of Brush St., involv. const. curbs, gutters and paving. 1911 Act.

Separate bids, same date, to imp. portions of Favor St., involv. grade and pave; const. curbs, gutters and walks. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city engineer.

OAKLAND, Cal.—Council, E. K. Sturgis, Clerk, declares inten. to imp. 13th Ave., bet. E-14th and 38th Sts, and portion of E-34th St., adjacent to 13th Ave., involv. grade and pave; const. curbs, culverts, handholes, catchbasins, storm water inlets and conduits, etc. 1911 Act. Protests April 17. W. W. Harmon, City Eng.

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VENTURA, Cal.—Until 11 A. M., Apr. 23, bids will be rec. by supervisors to grade and const. culvert and bridges on 13,550 ft. of the Mathiessen Rd. in 7th Rd. Dist., involving 16,000 cu. yds excav.; 145 cu. yds. "B" conc.; 7200 lbs. reinf. steel; 240 ft. 18-in. corr. iron pipe; 24 ft. 24-in. corr. iron pipe, and 52 ft. 30-in. corr iron pipe. Plans obtainable from county surveyor. Chas. W. Petit. Cert. chk. or deposit 10%. L. E. Hallowell, clerk.

SANTA BARBARA, Cal.—City Manager Herbert Nunn files with council tentative plans for a $400,000 sewer system, comprising treatment plant and outfall 4000 ft. into ocean. An election will probably be held June 1.

LOS ANGELES, Cal.—Allied Constr. Co., 459 E. 3rd St., awarded contr. by Bd. Pub. Wks. at $68,459 to const. storm sewer in La Brea Ave., bet. first alley n. of Pice St. and 16th St. Engr.'s. Est. $70,154.58.

OLYMPIA, Wash. — Until April 22, 10 a. m., bids will be rec. by State Highway Commission, Jas. Allen, State Highway Engineer, for following projects:

Surface with gravel 1.71 mi. of state road No. 12, bet. Bear river and Greenhead slough, Pacific county.

Pave with conc. 4.85 mi. of state road No. 5, bet. Ethel and Mill creek in Lewis county. Federal Aid Project No. 134-A.

Clear, grade and drain 2.32 mi. of state road No. 1 across flats bet. Everett and Marysville, Snohomish county.

Surface with crushed rock 15 mi. of state road No. 12, bet. Walville and Meskill in Lewis county.

SUISUN, Solano Co., Cal.—City votes bonds of $35,000 to improve Main St.

SAN JOSE, Santa Clara Co., Cal.—City Eng. Wm. Popp announces approx. 17 miles of streets will be paved during the present year.

SANTA MONICA, Cal.—City Council declares inten. to imp. 4th St., bet. Wilshire Blvd. and Colorado Ave. by const. curbs, walks, conc. post lighting system; 1911 act. Howard B. Carter, city engineer.

SAN FRANCISCO — Bd. Pub. Wks. completes spec. to imp. Turk St., bet. Parker Ave. and Willard St., est. cost $25,000. Project involv. 4800 cu. yds. cut; 1866 lin. ft. conc. curb; 833 lin. ft. 15-in. sewer; 3 br. manholes; 62 15-in. wye branches; 533 sq. ft. art. stone walks; 3 br. catchbasins; 66 lin. ft. 10-in. culverts; 52,975 sq. ft. asph. conc. pavement. M. M. O'Shaughnessy, city engineer.

SANTA ANA, Cal.—Until 11 a. m. Apr. 8 bids will be rec. by supervisors to grade; gravel portions of East St. (Raymond Ave.), North street (La Palma Ave.) and Broad St. J. L. McBride, on deposit of $3. J. M. Backs.

FRESNO, Fresno Co., Col.—Petitions are being circulated for presentation to supervisors seeking organization of Tul. Imp. Dist. No. 8, Fresno county, which will include practically all streets in the College Park tract. D. W. Chamberlain will be eng. for the

OLYMPIA, Wash. — Following contracts awarded by State Highway Commission:

F. M. Morgan, Everett, Wash., $168,951 to pave with conc. 4.95-mi. state rd. No. 9 bet. Elma and McCleary in Grays Harbor county. Federal Aid Project No. 141-A.

Campbell Const. Co., Sunnyside, Wn., at $42,125 to clear, grade, drain and surface with crushed rock approx. 10.25 mi. state rd. No. 7, bet. Ellensburg and Vantage Ferry in Kittitas county.

Geo. A. Banderet, Seattle, at $30,743 to clear, drain & surface with crushed gravel 4-mi. of Mathew Valley Highway from Carlton bridge north in Okanogan county.

H. L. Wilson, Walla Walla, Wash., $21,775 to clear, grade and drain 3.76-mi. state rd. No. 3 bet. Walla Walla and Mill Creek in Walla Walla county, Federal Aid Project No. 126.

J. E. Edwards, Spokane, at $10,546 to clear, grade and drain 2.84-mi. State Rd. No. 11 bet. Walters and Four Lakes in Spokane county.

AUBURN, Placer Co., Cal.—City trustees over-rule protests against paving Scenic Blvd. on Aeolia Heights and bids will be rec. until April 10. J. A. Barleau, city engineer.

CORONADO, Cal.—City trustees plan grading in the east end of city. Est. cost of the work, which will include walks, is $22,075.90.

SAN ANSELMO, Marin Co., Cal.—Until April 21, 7:30 p. m., bids will be rec. by A. W. Studley, town clerk, to imp. Ross, Woodland, Sunstead Aves., etc., etc., involving grading; const. conc. curbs and gutters; sanitary sewers; vit pipe storm drains and corru. iron pipe culverts; segmental iron culverts; conc catchbasins, headwalls and manholes; 5-in. tile drains; 8-in. intercepting and outlet sewer and pave with 2-in. asph. conc. surface on existing macadam where same is not less than 3-in. thick and upon existing macadam base reinforced with asph. conc. where surface of existing macadam is bet. 2 and 4-in. below grade of finished improvement and upon which an asph. conc. base exists within 4-in. of surface of finished pavement. 1911 Act & Bond Act 1915. Spec. obtainable from clerk.

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded conts. by council as follows:

Imp. portions of Capital St., grade, $.09 sq. ft.; conc. curb, $.76 lin. ft.; conc. gutter, $.25 sq. ft.; oil macadam pavement, $.11 sq. ft.; 8x24-in. corru. iron and conc. culvert, $4 lin. ft.; handhole, $10 each.

Imp. portions of Dellview, Nivol Ave. etc., involv. grade, $.04 sq. ft.; conc. curb, $.75 lin. ft; conc. gutter, $.26 sq. ft; oil macadam pavement, $.11 sq. ft; cem. walks, $.17 sq. ft.; wood culvert, $1 lin. ft.

SAN JOSE, Santa Clara Co., Cal.—Until April 7, 8 p. m., bids will be rec by John J. Lynch, city clerk, to imp. Autumn St., bet. San Fernando and Santa Clara Sts., involving grading and paving with 2-in. Durite asph. conc surface on 3½-in. Durite asph. conc. base; hyd. cem. conc. curb, gutters and alley driveways. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

SAN DIEGO, Cal. — Griffith Co., 25 14th St., San Diego, awarded cont. by council at $44,991.88 to imp. Cedar and Date Sts.

SALINAS, Monterey Co., Cal.—Clark and Henery Const Co., Chancery Bldg., San Francisco, awarded cont. by council to imp. Galbilan St., bet. Capitol and Salinas, involv. 6150 sq. ft. grading, $.65; 246.04 tons hard rock to repair base, $2 ton; 58,820 sq. ft. 2-in. Warrenite-Bit. surface, $.13 sq. ft.; 44 lin. ft. 8-in. corru. galv. iron culvert pipe, $1.50 ft; 1168.8 lin. ft. hyd. cem. conc. curb, $0.68 lin. ft.; 2585 sq. ft. hyd. conc gutters, $0.29 sq. ft.; 2 hyd. concrete catchbasins with c. i. covers, $25 each.

HAWTHORNE, Cal.—Geo. H. Oswald, 366 E 58th St., submitted low bid to city trustees at $236,614 to pave Acacia Ave., bet. Birch and Ballona Aves., involving 20,141 ft. curb 65c ft.; 126,542 sq. ft. walk 23c ft.; 517,057 sq. ft. 2-in. Willite on 3-in. asph. conc. base with disin. granite cushion at 26c ft.; grading $12,000 (lump sum); 124 posts in lighting system at $124 each; 40,281 sq. ft. gutter 32c ft. Other bids were: Geo. R. Curtis, $267,635.57; Hall-Johnson Co., $273,287.37; H. G. Feraud, $279,031.46.

SAN FRANCISCO — Bd. Pub. Wks. completes spec. to imp. San Jose Ave. bet. Havelock and Cotter Sts., est. cost $11,700. Project involv. 1640 lin. ft. conc. curb; 22,000 sq. ft. asph. conc. pavement; 6 br. catchbasins; 90 lin. ft. 10-in. culverts; 6000 sq. ft. asph. conc. conform surface; 18,860 sq. ft. art. stone walks; 5 sewer traps and connections. M. M. O'Shaughnessy, city engineer.

SAN FRANCISCO — Bd. Pub. Wks completes spec. to imp. Masonic Ave. bet. Turk and McAllister Sts., est. cost $14,000. Project involves 1360 lin. ft. curb; 4 br. catchbasins; 142 lin. ft. 10-in. culverts; 1066 sq. ft. art. stone walks; 40,398 sq. ft. asph. conc. pavement. M. M. O'Shaughnessy, city eng.

GLENDALE, Cal.—City council starts proceedings for approx. $100,000 street work. This is for paving work being promoted by Hamlin & Hepburn, 203 West Broadway, real estate firm. Separate proceedings for the water pipe will be instituted. Ben F. Dupuy, city engineer.

OAKLAND, Cal.—Bates and Borland, Bk of Savings Bldg., Oakland, awarded cont. to imp. Bartlett St., Lynde and Deering Sts., and bet. Lynde and 35th Ave., involv. grade, $.035 sq. ft.; conc. curb, $70 lin. ft.; conc. gutter, $.25 sq. ft.; oil macadam pavement, $.095 sq. ft; cem. walks, $.16 sq. ft.; 8x24-in. corru. iron and conc. culverts, $4.80 lin. ft; c. i. handhole, $25.

TACOMA, Wash.—A. Guthrie & Co., Portland, Ore., at $881,193 submits low bid to City Commissioners to const. Cushman dam and appurtenant works. Other bids were:

A. Guthrie & Co., Portland, Ore., $881,193; W. R. Nichols & Co., Tacoma, Wash., $886,148; Nelson & Peterson, Butte, Mont., $903,910; Puget Sd. Brdg. & Drdg. Co., Seattle, Wash., $1,028,372; Bent Bros., Los Angeles, Calif., $1,121,235; H. H. Boomer, Spokane, Wash., $1,176,826; F. Rolandi, San Francisco, Calif., $1,310,031; Foley Bros., Los Angeles, Calif., $1,365,484.

Engineer's estimate—$1,160,500.00.

All bids taken under advisement. J. L. Stannard, chief eng. for project.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, Builders' Exchange Bldg., San Jose, awarded cont. by council to imp. St. James St., bet. 9th and 11th Sts., involv. grading and paving with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs, gutters and driveways.

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POSITION WANTED

MAN 38, competent in waterworks and reservoir construction, desires employment with firm in that line of work. References. Address J. H., care Building & Engineering News.

HERMOSA, Cal.—City trustees declare iten. to imp 5th St., bet. Camino Real and Prospect Ave., grade; pave with 5-in. corcr., const. curbs, curb returns, redwood headers; 1911 act. B.

FRESNO, Fresno Co., Cal. — City council, H. S. Foster, clerk, declares inten. (No. 11-D) to imp. Alhambra ave. bet. Forthcamp and Poplar ave., involv. grade; const. cem. conc. curbs, gutters and driveway approaches; reconst. conc. walks; pave with 3½-in. asph. base with 1½-in. top course and liquid asph. and rock screening surface coat. 1911 Act. Protests April

SAN BERNARDINO, Cal.—O. L. Grimsey, 4100 S. Vermont Ave., Los Angeles, requests supervisors for franchise to const. and maintain 30-ft. toll road to summit of Mt. San Antonio. Cost is est. at $80,000. Supervisor C.

PORTERVILLE, Tulare Co., Cal. — N. M. Ball, Porterville, at total bid of $81,476.11 awarded cont. by council to imp. following sts.

At $30,414.32, D st., bet. Mill and Vine, and Vine St., bet. D and South Main, involving grading and filling; pave with 5-in. hyd. cem. conc. curbs, gutters and culverts; wood floor and pipe drains; conc. inlet basins with c. i. gratings.

At $31,203.63, Orange St., bet. South Main and Jaye Sts., involv. grade; const. cem. conc. curb and gutter; pave with 5-in. hyd. cem. conc.

At $19,858.16, F St., bet. Morton and Cherry and West Putnam bet. F and E Sts., involv. grading; const. cem. conc. curbs and culverts; pave with 5-in. hyd. conc.

Other bids were: Chas. W. Wimmer, Bakersfield, $86,981; Leo. Cardwell, Fresno, $88,105; F. W. Nighbert, Bakersfield, $89,131. Taken under advisement.

SAN FRANCISCO — Bd. Pub. Wks. completes spec. to imp. Turk St., bet. Masonic Ave. and Parker Ave., est. cost $35,100. Project involves 3622 lin. ft. conc. curb; 1056 lin. ft. 8-in. sewer; 70 8-in. wye branches; 700 lin. ft. 12-in. sewer; 46 12-in. wye branches; 6 br. manholes; 200 sq. ft. art. stone walks; 86,000 sq. ft. asph. conc. pavement. M. M. O'Shaughnessy, city engineer.

VENTURA COUNTY, Calif. — Until April 28, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, for unit in Ventura county, bet. Sea Cliff and Rancho El Rincon, 1.2-mi. in length, to be graded, paved and protected by sea wall. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

CHICO, Butte Co., Cal.—Charles M. Ennis, formerly with the Sacramento city engineer's office, has been appointed city engineer of Chico and will proceed with plans for an extensive street paving program. Ennis succeeds F. A. Lammiman, resigned.

SAN FRANCISCO — Pacific States Const. Co., Call Bldg., at $5127.36 awarded cont. by Bd. Pub. Wks. to imp. Moraga St., bet. 18th and 19th Aves., involv. 480 lin. ft. conc. curb, $1 lin. ft.; 3360 sq. ft. brick pavement, $.64 sq. ft.; 8640 sq. ft. asph. conc. pavement, $.289 sq. ft.

YREKA, Siskiyou Co., Cal. — City trustees contemplate bond issue to finance extensions to sewer system.

SAN FRANCISCO — Board of Public Works rejects bids rec. March 19 to imp. 48th Ave. bet. Lawton and Santiago and Ortega St., bet. 48th Ave. and Great Highway. Raisch Imp. Co. submitted low bid at $116,684.09; unit bid follows: 2382 cu. yds. cut, $1; 39,353 cu. yds. fill, $.80; 4145 ft. 8-in. sewer, $1.75; 75 ft. 12-in. sewer, $2; 35 ft. 15-in. sewer, $2.50; 105 ft. 18-in. sewer, $3; 302 ft 21-in. sewer, $3.70; 255 8-in. wye branches, $1 ea; 12 br. manholes, $125 ea; 32 br. catchbasins, $135 ea; 1130 ft. 10-in. culverts, $2; 9155 ft. conc. curb, $1; 5283 sq. ft. art. stone walks, $.20; 16,800 sq. ft. conc. gutters, $.35; 190,344 sq. ft. asph. conc. pavement, $.26. Other bids were: Pacific States Construction Co. $117,740.32; Fay Imp. Co., $120,173.59.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. 81st Ave., bet. E-14th and Atherton Sts. involv. grade and pave; const. curbs, gutters, culverts and handholes. 1911 Act. Protests April 17. W. W. Harmon, city engineer.

BAKERSFIELD, Kern Co., Cal. — County supervisors reject bids to construct rd. from Pond Rd. north to Smith ranch, near Wasco. Bids were: Chas. W. Wimmer, Bakersfield, $3750; Dean and Stroble, Bakersfield, $2436; Fred Nighbert, Bakersfield, $2814; engineer's estimate, $1250.

LOS ANGELES, Cal.—Until 10 a. m., May 5 bids will be rec. by council to const. storm and sanitary sewers in Main Street, bet. Santa Barbara and Chester Avenue and bet. 100th St. and 102nd St., and bet. 107th St. and right-of-way for drainage Ave. Work involv. reinf. conc. drain; 3654 ft. type K (2 sections, each 9 ft. 7-in. wide by 6 ft. 9-in. high); 2341 ft. type J (2 sections, each 8 ft. 7 in. wide by 6 ft. 9 in. high); 1129 ft. type I (2 sections, each 7 ft. 5 in. wide by 6 ft. 9 in. high); 1745 ft. type H (2 sections, each 6 ft. 5 in. wide by 6 ft. 9 in. high); 6611 ft. type F, (single section 8 ft. 4 in. wide by 6 ft. 9 in. high); 28 ft. type L section; 1414 ft. type B (5 ft. wide by 6 ft. 9 in. high); 5260 ft. type A section (5 ft. 3 in. by 5 ft.); 7282 ft. type C section (3 ft. 5 in. by 5 ft); 5316 ft. Arch E (approx. 7 ft. by 5½ ft.); 4443 ft. arch G, Monolithic pipe as follows: 1106 ft. 70-in., 4754 ft. 63-in., 5239 ft. 60-in. Reinf. conc. pipe—2808 ft. 66-in.; 426 ft. 60-in.; 3972 ft. 57-in.; 8365 ft. 54-in; 6324 ft. 48-in; 3683 ft. 54-in.; 4241 ft. 42-in; 2648 ft. 39-in.; 839 ft. 36-in.; 4402 ft. 33-in; 12,793 ft. 30-in.; 5366 ft. 27-in. and 1855 ft. 24-in. Cement pipe — 1535 ft. 21-in.; 2319 ft. 18-in.; 2499 ft. 15-in. and 16,852 ft. 12-in. San sewer, involving 1790 ft. 12-in; 4166 ft. 10-in.; 6090 ft. 8-in. and 7744 ft. 6-in. cem. pipe; 12 ft. 20-in. c. i. pipe. Total, 151.-321 ft. or 28.66 mi. Cost will probably be in the neighborhood of $2,500,000. Plans and spec. are on file at the office of the city engr., 405 s city hall annex.

SAN JOSE, Santa Clara Co., Cal.—Until April 7, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. Locust St., bet. Willow St. and south city limits, involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curb, gutter and walks; 2 br. catchbasins; 8-in. vit. pipe drains; 4 cem. conc. inlets. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city engineer.

SAN FRANCISCO—Western Pipe & Steel Co., 444 Market St., at $3,470.52 submits low bid to U. S. Bureau of Public Roads, to fur. (a) 2,312 lin ft. 18-in. corru. met. pipe, $1.07; (b) 456 lin. ft. 24-in. corru. metal pipe, $1.69; (c) 66 lin. ft. 30-in. corru. metal pipe, $2.14; (d) 54 couplers for 18-in. pipe, $1.05; (e) 14 couplers for 24-in. pipe, $1.60; (f) 3 couplers for 30-in. pipe, $1.90. Total, $3,470.52.

Calif. Corru. Culvert Co., only other bidder at (a) $1.08; (b) $1.66; (c) $2.13; (d) $1.68; (e) $1.38; (f) $1.63. Total, $3,477.

Referred to Washington with recommendation of award to low bidder.

PORTERVILLE, Tulare Co., Cal. — Until April 17, 8 p. m., bids will be rec. by George D. Avery, city clerk, to cast ½ of Jaye St., bet. Olive and Orange Sts., involv. grade; const. cem. conc. curbs and culverts; pave with 5-in. hyd. conc. Cert. check 10% payable to city req. Fred Pease, city eng.

SAN BERNARDINO, Cal.—Until 7:30 p. m., April 14, bids will be rec. by council to const. 8-in. vit. pipe sewer in G St., bet. 405 ft. and 1923 ft. s of Rialto Ave., 1911 act. J. H. Osborn, city clerk.

OREGON STATE — Following low bids rec by Oregon State Highway Commission:

Blue Ledge Market Rd., in Jackson county, referred to county court for decision. On Ruch-Summit section, 4-mi. paving, Oregon Contract Co., cement, $96,630.85; S. S. Shell, bituminous pavement, $78,557.50. On Jackson-Medford section, 4.4 mi. paving, Oregon Contract Co., cement, $111,600; S. S. Shell, bituminous pavement, $78,175.

Mill Gulch section, Baker-Unity highway, Baker county, 6.04 mi. grading. Awarded to A D. Kern, Portland. Bids were rec on both conc. and corru. pipe; awarded on combination bid, some of each being specified. The bids were conc. pipe, $151,008; corru. pipe, $148,912.

Stanfield Line Revision of Columbia River highway, Umatilla county, 0.9 mi. grading. Will be awarded to J. K. Shotwell, Hermiston, at $4758 using concrete pipe.

Perry-Oro Del-La Grande sec. of Old Oregon Trail, Union county, 1.34 mi. grading and 1.24 mi broken stone surfacing. Will be awarded to Morrison-Knudsen, Boise, at $34,962.50.

Myers Creek sec. of Roosevelt Coast highway, Curry county, 2.33 mi. grading or crushed gravel surfacing. Awarded to Johnson Contract Co., Portland, at grading, $62,150; surfacing, $15,620; totaling, $77,770.

California State line-Winchuck sec. Roosevelt Coast highway, Curry county, 0.63 mi. grading and gravel surfacing. Referred to Curry county court. John R. Hill, Harbor, Ore., low bidder at $11,521.

LOS ANGELES, Cal.—Following low bid rec. by Bd. Pub. Wks. for street improvements:

Geo. H. Oswald, 366 E 58th St., to imp Irolo St., bet. Wilshire Blvd. and San Marino St., involv. grading at $6000 (lump sum); 96,758 sq. ft. warrenite-bitul. paving 25.9c ft.; 171 ft. curb 80c ft.; 1883 sq. ft. walk 23c ft.; 5464 sq. ft. gutter 31c ft.; 330 ft. hse. sewers $2 ft; 4170 sq. ft. bitum. pavement, 12c ft.

Griffith Co., 502 L. A. Ry. Bldg., to imp. 12th St., bet. Gaffey and Meyler Sts., involv. grading at $2131 (lump sum); 61,725 sq. ft. asph. paving 24c ft; 407 sq. ft. conc. paving 24c ft; 237 sq. ft. bitum. base paving 12c ft.; 1177 ft. curb 70c ft; 5554 sq. ft. walk 21c ft: 1356 sq. ft. gutter 26c ft.; san. sewer complete, $4000.

Wm. Liddington, 420 E 60th St., to imp. 74th St., bet. San Pedro and Main Sts., involving grading at $4257 (lump sum); 98,055 sq. ft. conc .paving 22.8c sq. ft.; 28,715 sq. ft. Warrenite-bitul. paving 29c ft.; 5215 ft. curb 65c ft; 25,984 sq. ft. walk 19.5c; 2517 sq. ft. gutter 30c ft.

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SAN FRANCISCO—Until April 16, 3 p. m., bids will be rec. by Bd. Pub. Wks. to imp. Marina Blvd., bet. Steiner and Lyon Sts., est. cost $55,000. Project involv. 87,907 sq. ft. asph. pavement with 6-in. foundation, 1½-in. binder course and 1-in. wearing surface; 20,808 sq. ft. art. stone walks; 3304 lin. ft. conc. curb; 6608 sq. ft. vertical fibre brick gutter; 650 lin. ft. r.w. header; 510 lin. ft. 10-in. pipe culvert; 50 lin. ft. 15-in. pipe sewer; 268 lin. ft. 12-in. pipe sewer; 100 lin. ft. 10-in. pipe sewer; 13 12-in. wye branches; 1 brick manhole; 17 brick catchbasins. Plans obtainable from Bureau of Engineering, 3rd floor, City Hall.

SAN FRANCISCO—Board of Public Works completes spec. to imp. Levant St., bet. Lower Terrace and States St., involv. 1134 cu. yds. cut; 291 cu. yds. fill; 573 lin. ft. 8-in. ironstone sewer; 32 8-in. wye branches; 5 br. manholes; 2 br. catchbasins; 24 lin. ft. 10-in. vitrified pipe culvert; 1210 lin. ft. conc. curb; 5392 sq. ft. conc. pavement; 9,126 sq. ft. asph. conc. pavement. Est. cost, $8500.

NAPA, Napa Co., Cal.—Basalt Rock Co., Napa, at $3009.21 awarded cont. by council to imp. Vallejo St., bet. Yajome and Lawrence Sts., involv. 460 yds. grading, fill, $.85 yd.; 19,063 sq. ft. 2-course asph. macadam pave, $.07 sq. ft.; 938 lin. ft. conc. curb, $.60 lin. ft.; 182 lin. ft. vit. sewer, $.50 lin. ft.; 6 4-in. vit. side sewers, $1.10; 310 6-in. cast side sewers; $1; 9 4-in. cast side sewer, $10; 6x4-in. wye cast, $2; 6x6-in. wye cast, $2; 6x4-in. wye vit. $2; 1 flush hole; $10; catchbasins, $30 ea.

SAN FRANCISCO—Board of Public Works completes spec. to imp. Morse St., bet. Florentine and Guttenberg Sts., involv. 40 lin. ft. 8-in. and 225 lin. ft. 12-in. ironstone pipe sewer; 8 12-in. wye branches; 1 br. manhole. Est. cost, $975.

BAKERSFIELD, Kern Co., Cal.—Council declares inten. to imp. Jackson St., bet. Baker and Kern Sts.; grade; pave with 1½-in. Warrenite-bitul. on 3½-in. asph. concr.; also for paving portion of Baker St.; 1911 act. V. Van Riper, City Clerk.

SAN JUAN, San Benito Co., Cal.—Until 9:30 A. M., April 14, bids will be rec. by the directors of San Juan Capistrano Sanitary Dist., at Hotel Capistrano, to const. sewer system, consisting of pipe, drains, manholes, septic tank, as follows: 1301 ft. 6-in., 7000 ft. 8-in., 1745 ft. 10-in. sewer pipe; 700 ft. 10-in. drain pipe; 18 manholes; 4 flush tanks; 1 septic tank. Plans, etc., may be seen at office of county surveyor, W. K. Hillyard, Santa Ana. Jno. O. Foster, president; Ferris F. Kelly, secretary.

HUNTINGTON PARK, Cal.—City trustees order spec. prepared to widen Florence Ave. through Huntington Park.

MONTEREY, Monterey Co., Cal.—Election will be called shortly to vote bonds to finance following improvements: $27,000 to pave Lighthouse Ave.; $8000 to grade and pave portion of Del Monte Ave. adjacent to El Estero; $6000 to imp. new street in block bounded by Alvarado, Washington, Franklin and Pearl St.; $8500 to purchase two parcels of land necessary for street widening. H. D. Severance, City Eng.

HUNTINGTON BEACH, Cal.—Until 8 P. M., April 7, bids will be rec. by city trustees to imp. portion of continuation of Ocean Ave. known as Coast Blvd., bet. 1st St. and e. city limits, involv. 95,675 sq. ft. sub-grade, 95,675 ss. ft. 4-in. asph. concr. base, 95,675 ss. ft. 2-in. Willite plastic composition wearing surface. W. R. Wright city clerk.

HANFORD, Kings Co., Cal.—Calif. Const. Co., 58 2nd St., San Francisco, at $19,300.72 awarded cont. by council to imp. portions of Keith and Bush Sts., involv. grade and paving with 3-in. bituminous base with 1½-in. Warrenite-Bit. surface; cem. curbs.

LOS ANGELES, Cal.—Geo. H. Oswald 366 E 58th St., submitted low bid to supervisors at $30,079 to imp. Western Ave., bet. Dominguez St. and n boundary of the city of Torrance, involving (1) 3626 cu. yds. excav. at 65c yd; (2) 10,305 sq. yds. shaping at 9c yd; (3) 954 cu. yds. removing old D. G. at 65c yd; (4) 10,305 sq. yds. sub-base at 54c yd.; (5) 10,305 sq. yds. asph. conc. at $1.46 yd; (6) 10,305 sq. yds. Topeka surface at 74c yd. Other bids were.

Griffith Co.—(1) $1; (2) 10c; (3) $1; (4) 50c; (5) $1.40; (6) 90c.

Geo. R. Curtis—(1) $1; (2) 15c; (3) $1; (4) 30c; (5) $1.40; (6) 74c.

United Bldg. & Finance Co., 1252 N Fair Oaks, Pasadena, low bidder at $10,909 to imp. Wallace St., bet. Inglewood Ave. and first alley west, and portion of other streets, under County Imp. No. 56, involv 770 cu. yds. excav. 85c yd; 6223 ft. curb 58c ft; 30,904 sq. ft. walk 21.5c ft.

Barber Greene Model 42 Loader

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Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

1399	Craigler	Costello	6000
1400	Loryse	Martinelli	10640
1401	Nelson	Owner	4500
1402	Nelson	Owner	4500
1403	Haun	Owner	26000
1404	Friend	Anderson	8000
1405	Draffin	Hamill	7000
1406	Harrison	Meyer	9000
1407	Johnston	Owner	4000
1408	Ahkman	Davis	2900
1409	Goulding	Grandy	4500
1410	Hansen	Owner	4000
1411	Lindeman	Owner	18000
1412	Hansen	Owner	15000
1413	Same	Owner	5000
1414	Penziner	Owner	75000
1415	Lubin-Stone	McKellar	3500
1416	Nelson	Owner	4500
1417	Crocker	Owner	4800
1418	Same	Same	3300
1419	Thurber	Healing	6000
1420	Crocker	Owner	21300
1421	Guilfoy	Owner	3000
1422	Tieso	Thomas	2000
1423	Crocker	Owner	19200
1424	Hansen	Owner	3000
1425	Lesser	Owner	10000
1426	Crocker	Owner	3300
1427	Draffin	Hamill	9000
1428	Wissman	Meyer	14855
1429	Wissman	Meyer	14955
1430	Tiernan	Waldt	2465
1431	O'Leary	Owner	10000
1432	Helman	Macdonald	6000
1433	Patten	Christenson	——
1434	Goldsmith	Owner	17500
1435	Monteverde	Rossi	6000
1436	Johnson	Owner	9500
1437	Cafferata	Blum	3000
1438	R C Archb	Goodwin	30000
1439	Valente	Owner	12900
1440	Vernon	Owner	8500
1441	Hunt	Owner	7000
1442	Richard	Owner	1000
1443	Hall	Love	1200
1444	Whitaker	Hurley	1200
1445	Kohler	Kahn	32550
1446	P T & T	Gladding	400000
1447	S P	American	281
1448	S F Prot	Malott	5096
1449	R C Archb	Goodwin	30000
1450	Amer Can	Farrar	4400
1451	Cafferata	Blum	4400
1452	Roeder	Rasori	45000
1455	Tuck	Owner	20000
1456	Nelson	Owner	11400
1457	Nelson	Owner	10000
1458	Johnsen	Owner	2000
1459	Wormuth	Soules	3850
1460	Ellingson	Owner	9000
1461	Same	Same	3000
1462	Schultz	Schultz	7500
1463	Nagle	Anderson	4900
1464	Clift	Owner	9000
1465	Woerner	Moore	33792
1466	Same	Zelinsky	1960
1467	Same	Coleman	2926
1468	Same	National	778
1469	Witter	Mullen	2125
1470	Howe	Howe	3000
1471	Thomson	Davie	5000
1472	Austin	Papenhausen	10000
1473	Nyman	Owner	3000
1474	McVeigh	Ulrich	6000
1475	Frank	Owner	9000
1476	Steinauer	Owner	7000
1477	Same	Same	7000
1478	Sorrentino	Owner	1500
1479	Moll	Owner	2000
1480	Eisner	Boyer	4440
1481	Porter	Manseau	11000
1482	Bernhardt	Owner	5000
1483	Nelson	Owner	4000
1484	Arnott	Arnott	3000
1485	Same	Same	3000
1486	Same	Same	6000
1487	Same	Same	4000
1488	Same	Same	5000
1489	Falconi	DeMartini	10000
1490	Northern	Henderson	5200
1491	Wilson	Trost	13006
1492	Globe	Waugh	1000
1493	Schwartz	Martinelli	15000
1494	Moscone	Fracchia	6000
1495	Saunier	Owner	2950
1496	B & G	Coburn	2000
1497	Goodwill	McFarland	2000
1498	Piasecki	Owner	26000
1499	Arnott	Owner	9000
1500	Wolf	Owner	8000
1501	Arnott	Owner	8000
1502	Meyer	Owner	6000
1503	Commercial	Universal	4000
1504	Davock	Kronquist	7000
1505	Arnott	Owner	6000
1506	Same	Owner	12000
1507	Falconi	DeMartini	10000
1508	Nasser	Meyer	11820
1509	Lacey	Vannucci	17200
1510	Arnott	Owner	16000
1511	Thomson	Davis	5000
1512	Branston	Diestel	3000
1513	Gawthorne	Jones	3000
1514	Jackson	Owner	6000
1515	Hawkins	Stemple	9000
1516	Tembey	Marlin	5000
1517	Allen	Owner	36000
1518	Heyman	Owner	15000
1519	Schwarz	Owner	14000
1520	Nelson	Owner	24000
1521	Same	Same	5000
1522	Same	Same	15000
1523	Same	Same	8000
1524	Larson	Owner	4000
1525	Grannis	Owner	15000
1526	Hansen	Owner	3000
1527	Tavella	Cuneo	5000
1528	Seley	Seley	3000
1529	Lyons	Owner	4000
1530	Same	Same	4000
1531	Sommer	Fink	7900
1532	Thompson	Stoner	11000
1533	Arnott	Owner	15400
1534	P G & E	McGilvray	7117
1535	Goldsmith	Diestel	16723
1536	S F Soc	Farquharson	142177
1537	Suma	Diestel	3000
1538	Moneta	Arnott	24605
1539	Convey	Johnson	30000

(Correction in Cost)

HUNGALOW

(1397) E THIRTY-EIGHTH AVE 150 N Cabrillo N 25xE 120. All work except window shades and light fixtures for one-story frame bungalow.

Owner—Mrs. Mary J. Nagle.

Architect—Philip Schwerdt, 2920 Jackson St., San Francisco.

Contractor—A. F. Anderson, 1735 10th Ave., San Francisco.

Filed Mar. 26, '24. Dated Mar. 26, '24.

Frame up	$1000
Brown coated	1500
Ready for painting	875
Completed and accepted	875
Usual 35 days	1450
TOTAL COST,	$5700

Bond, none. Limit, 60 days. Forfeit, $5. Plans and specifications filed.

FLATS

(1399) S BAY 75 E Franklin. 2-story and basement frame (2) flats.

Owner—Mrs. Rose Craigler.

Architect—None.

Contractor—Wm. Costello, 758 29th Ave San Francisco. $6000

STORE

(1400) E FILLMORE 103-1 N O'Farrell. 1-story concrete store.

Owner—Lester G. Loryse, 125 Sutter St., San Francisco.

Architect—S. Heiman, 57 Post St., San Francisco.

Contractor—J. Martinelli, 180 Jessie St., San Francisco. $10,640

STOCKHOLDERS AUXILIARY CORP.

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DWELLING
(1401) W FORESTSIDE AVE. 217 N Ulloa. 2-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, Inc. 2 West Portal Park, S. F.
Architect—None. $4500

DWELLING
(1402) W FORESTSIDE AVE. 215 N Vicente. 2-story & basement frame dwelling.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park, S. F.
Architect—None. $4500

APARTMENTS
(1403) E GUERRERO 185 S 18th. 3-story and basement frame (11) apartments.
Owner—Hugo Haun, 315 28th St., San Francisco.
Designer—H. A. Hertenstein, 309 Florida St., San Francisco. $26,000

FLATS
(1404) N JACKSON 45-6 E Larkin. 2-story and basement frame (2) flats.
Owner—Harry Friend, 1456 Page St., San Francisco.
Architect—None.
Contractor—J. G. Anderson, 20 Tiffany Ave., San Francisco. $8000

FLATS
(1405) S JERSEY 119 W Dolores. 2-story and basement frame (2) flats
Owner—Thos. Draffin, 25 Jersey St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $7000

DWELLING
(1406) N LOWELL 31-6 56-6 & 81-6 W Brunswick. 3 1-story and basement frame dwellings.
Owner—A. B. Harrison, 228 Montgomery St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 First National Bk Bldg., S. F. $3000 each

DWELLING
(1407) S MONTEREY BLVD. 125 W Genesee. 1-story & basement frame dwelling.
Owner—G. E. Johnston, 2400 Van Ness Ave., San Francisco.
Architect—None. $4000

DWELLING
(1408) E NINETEENTH AVE. 200 S Noriega. 1-story & basement frame dwelling.
Owner—Martin C. Ahkman, 1414 15th Ave., San Francisco.
Architect—A. C. Griewank, 516 Call Bldg., San Francisco.
Contractor—F. J. Davis, 661 Joost Ave., San Francisco. $2900

COAL YARD
(1409) S OCEAN AVE. 50 W Plymouth Ave. 1-story frame coal yard.
Owner—Mr. Goulding, Ocean and Plymouth Aves., San Francisco.
Architect—None.
Contractor—John Grandy 1773 Silliman Ave., San Francisco. $4500

DWELLING
(1410) NW OTSEGO AND SAN JUAN Aves 1-story and basement frame dwelling.
Owner—Walter E. Hansen, 485 Capistrano Ave., San Francisco.
Architect—None. $4000

APARTMENTS
(1411) N SACRAMENTO 35-6 & 60-6 W Cherry. Two 2-story and basement frame apartments (4 apts. in each bldg.)
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None. $9000 each

DWELLINGS
(1412) E SAN JOSE AVE. 150 175 200 225 250. Five 1-story and basement frame dwellings.
Owner—Walter E. Hansen, 485 Capistrano Ave., San Francisco.
Architect—None. $3000 each

RESIDENCE
(1413) NW SAN YSABEL AND CAPistrano Aves. 2-story and basement frame residence.
Owner—Walter E. Hansen, 485 Capistrano Ave., San Francisco.
Architect—None. $5000

APARTMENTS
(1414) N TURK 87-6 W Leavenworth. Six-story and basement reinforced concrete (48) apartments.
Owner — A. Penziner, 750 Taylor St., San Francisco.
Architect—None. $75,000

DWELLING
(1415) W VERMONT 75 N 19th. 1-story and basement frame dwelling
Owner—R. A. Tobin & Elmer B. Stone 215 Montgomery St., San Francisco
Architect—None.
Contractor—McKellar & Son, 557 Divisadero St., San Francisco. $3500

DWELLING
(1416) E WAWONA 165 S Ulloa. 2-story and basement frame dwlg.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park, San Francisco.
Architect—None. $4500

DWELLING
(1417) N ATHENS 100 E CORDOVA. 1-story and basement frame dwlg.
Owner—Crocker Estate Co., Crocker Bldg., S. F.
Architect—None. $4800

DWELLING
(1418) NW BAY SHORE AND Wheeler Aves. 1-story and basement frame dwlg.
Owner—Crocker Estate Co., Crocker Bldg., S. F.
Architect—None. $3300

ALTERATIONS
(1419) SE BRODERICK AND SACRAmento. New store front, construct four room addition and remodel for private garage quarters.
Owner—Mrs. Isabella C. Thurber, San Jose, Calif.
Architect—W. H. Armitage, 72 New Montgomery St., S. F.
Contractor—George Healing, 3665 Sacramento St., S. F. $6000

DWELLINGS
(1420) S CHICAGO 50 E Naylor; S Chicago 97, 130, 163, 196, and 230 W Naylor. Six 1-story and basement frame dwlgs.
Owner—Crocker Estate Co., Crocker Bldg., S. F.
Architect—None. (3) $3800 each. (3) $3300 each.

SHOP
(1421) N HOWARD 175 W 8TH. 1-story frame shop.
Owner—Guilfoy Cornice Works, 229 8th St., S. F.
Architect—Mel. I. Schwartz, Nevada Bank Bldg., S. F. $3000

ALTERATIONS
(1422) 20-22 POWELL AVENUE. Remodel and make additions for (2) flats.
Owner—Frank Tieso, ——.
Architect—A. W. Richardson, 941 Church St., S. F.
Contractor—William Thomas, —. $2000

DWELLINGS
(1423) S PRAGUE 127, 57, 187, 217 W Cordova Four 1-story and basement frame dwlgs.
Owner—Crocker Estate Co., Crocker Bldg., S. F.
Architect—None. $4000 each.

(1424) N SANTA ROSA AVE. 95 E San Gabriel. 1-story and basement frame dwlg.
Owner—Walter E. Hansen, 485 Capistrano Ave., S. F.
Architect—None. $3000

(1425) S SUTTER BET. GRANT AVE. and Stockton Remodel for market on first floor and offices on 6 floors above.
Owner—A. M. Lesser, care of Lincoln Market, Market St. near 5th, S. F.
Architect—N. R. Coulter, 46 Kearny St. San Francisco. $10,000

DWELLING
(1426) W WHEELER 356 N Bay Shore. 1-story and basement frame dwlg.
Owner—Crocker Estate Co., 525 Crocker Bldg., S. F.
Architect—None. $3300

FRAME FLATS
(1427) S JERSEY 416 E Church E 25 xS 114. All work for two-story and basement frame flats.
Owner—Thomas Draffin, 25 Jersey St., San Francisco.
Architect—None.
Contractor—Thomas Hamill, 6140 Geary St., San Francisco.
Filed Mar. 27, '24. Dated Mar. 26, '24.
Frame up and roof boards on..$2250
Brown coated 2250
Completed and accepted..... 2250
Usual 35 days..... 2250
TOTAL COST, $9000
Bond, none Limit, 120 days. Forfeit, plans and specifications, none.

DWELLINGS
(1428) E FORTY-SEVENTH AVE 115 N Cabrillo N 75 x E 120. All work for three 1-story frame dwlgs.
Owner—Harry Wissman, 2255 Clement St., S. F.
Architect—None.
Contractor — Meyer Bros., First National Bank Bldg., S. F.
Filed Mar. 27, 1924. Dated Feb. 11, 1924.
Roof sheathing on $3713.75
Brown coated 3713.75
Completed and accepted 3713.75
Usual 35 days 3713.75
TOTAL COST, $14,855
Bond, Sureties, Forfeit, none. Limit, 90 days. Plans and Specifications not filed.
NOTE—Permit reported Feb. 19, 1924 No. 688.

DWELLINGS
(1429) W FORTY-SIXTH AVE. 170 N Cabrillo N 82-6 x W 120. All work for three 1-story and basement frame dwlgs.
Owner—Harry Wissman, 2255, Clement St., San Francisco.
Architect—None.
Contractor—Meyer Bros., First National Bank Bldg., S. F.
Filed Mar. 27, 1924 Dated Feb. 11, 1924.
Roof & side sheathing on...$3738.75
Brown coated 3738.75
Completed 3738.75
Usual 35 days 3738.75
TOTAL COST, $14,955
Bond, Sureties, Forfeit, none. Limit, 90 days. Plans and Specifications not filed.
NOTE—Permit reported Feb. 19, 1924 No. 723.

ALTERATIONS
(1430) NO. 1575 NINTH AVE. All work for alterations to building.
Owner—W. J. and Mary E. Tiernan, Premises.
Architect—None.
Contractor—J. J. Waldt, 406 Moraga St., San Francisco.
Filed Mar. 27, '24. Dated Feb. 8, '24.
On 16th $250
On 23rd 500
March 1, 1924..... 500
On completion .....Balance
TOTAL COST, $2465
Bond, limit, forfeit, plans and specifications, none

APARTMENTS
(1431) E CASTRO 111-3 N 20th. Two story and basement frame (4) apartments.
Owner—Jno. O'Leary, % Architect.
Architect—O'Brien Bros., Inc., 315 Montgomery St., S. F. $10,000

GYMNASIUM
(1432) W CAPP 100 S Eighteenth. One-story frame gymnasium.
Owner—Mr. Helman (Girls' Club), Premises.
Architect—S. Heiman, 57 Post St., S. F.
Contractor—Macdonald & Kahn, 130 Montgomery St., S. F. $6000

DWELLING
(1433) N CHENERY 67 E Castro. One story and basement frame dwlg.
Owner—Wm. T. Patten, 7637 Sanchez St., San Francisco.
Architect—A. Christenson, 830 Corbett Ave., San Francisco. $——

RESIDENCE
(1434) SE COMMONWEALTH AND Euclid Aves. Two-story and basement frame residence.
Owner—Mrs. Belle Goldsmith, % Architect.
Architect—Bernard J. Joseph, 74 New Montgomery St., S. F. $17,500

FRAME FLATS
(1435) N FILBERT 137-6 E Fillmore Two-story and basement frame (2) flats.
Owner — Fortunato Monteverde, 1968 Greenwich St., San Francisco.

Architect—L. Traverso, 854 Union St., San Francisco.
Contractor—F. Rossi, 1795 Filbert St., San Francisco. $6000

APARTMENTS
(1436) E FRANKLIN 150 S Bay. Two story and basement frame (4) apartments.
Owner—Peder P. Johnson, 696 McAllister St., San Francisco.
Architect—None. $9500

DWELLING
(1437) E GIRARD 100 S Bacon. One-story and basement frame dwlg.
Owner—Geo. H. Cafferata, 2736 San Bruno Ave., San Francisco.
Architect—None.
Contractor — Jos. Blum, 212 Silliman St., San Francisco. $3000

CONVENT
(1438) N GREEN — W Steiner. Two story frame convent.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—Shea & Shea, 527 Chronicle Bldg., San Francisco.
Contractor—T. B. Goodwin, 2565 Gough St., San Francisco. $30,000

FRAME FLATS
(1439) N GREENWICH 134-9 E Franklin. Two-story and basement frame (3) flats.
Owner — Vitale Valente, 2200 Larkin St, San Francisco.
Architect — Herbert A. Schmidt, 251 Kearny St., S. F. $12,900

STORES
(1440) N NATOMA 200 E Sixth. One story Class C stores.
Owner — Vernon Investment Co., % Architect.
Architect—O'Brien Bros., Inc., 315 Montgomery St., S. F. $8500

GARAGE
(1441) W SEVENTEENTH 30 W Capp. One-story concrete public garage.
Owner—Chas. Wm. Hunt, 3264 17th St., San Francisco.
Architect—None. $7000

ALTERATIONS
(1442) NE BALBOA AND FORTY-third Ave. Remodel interior for store and living rooms.
Owner—Jerome J. Richard, 4150 Balboa St., San Francisco.
Architect—Wm. T. Saywell, 68 Haight St., San Francisco. $1000

ALTERATIONS
(1443) NO. 2535 GREEN. Remove portion of concrete wall and construct private garage quarters.
Owner—Hubert H. Hall, Premises
Architect—None.
Contractor—G. A. Love Sons, 180 Jessie St., San Francisco. $1200

ALTERATIONS
(1444) N JACKSON 176-6 W Laurel. Construct retaining wall of reinforced concrete.
Owner—Geo. Whitaker, Premises.
Architect—Herbert A. Schmidt, 251 Kearny St., San Francisco.
Contractor—P. Hurley, 180 Jessie St., San Francisco. $1200

APARTMENTS
(1445) NW THIRD AVE & IRVING. All work for two apartment buildings (5 apartments each).
Owner—Thos. Skelly, 1344 9th St., and Wm. A. Kohler, 1226 17th Ave., San Francisco.
Architect—A. Klahn.
Contractor—Arthur H. Kahn, 131 Clayton St., San Francisco.
Filed Mar 28, '24. Dated Mar. 27, '24.
Roof rafters up.....$6100
Brown coated 6100
Plastering completed 6100
Building completed 6100
Usual 35 days..... 8150
TOTAL COST, $32,550
Bond, none. Limit, Sept. 1, 1924. Forfeit, none. Plans and specifications filed.

OFFICE BLDG.
(1446) W NEW MONTGOMERY ST., bet. Minna and Natoma. Deliver to building architectural terra cotta for new office building.
Owner—Pacific Telephone & Telegraph Co., 333 Grant Ave., S. F.
Architect—J. R. Miller, T. L. Pflueger and A. A. Cantin, Lick Bldg., S. F.
Contractor—Gladding, McBean & Co., Crocker Bldg., San Francisco.
Filed Mar. 28, '24. Dated Mar. 17, '24.
On 1st of each month..... 95%
36 days after..... 95%
TOTAL COST, $400,000
Bond, none. Limit, Nov. 15, 1924 Forfeit, none. Plans and specifications filed.

PANEL WORK
(1447) THIRD AND TOWNSEND STS. All work for 6 Tavernelle marble panels in general waiting room.
Owner—Southern Pacific Co.
Architect—None.
Contractor—American Marble & Mosaic Co., 25 Columbia Square, S. F.
Filed Mar. 28, 1924. Dated Mar. 12, 1924
On completion 75%
Usual 35 days 25%
TOTAL COST, $281.
Bond, Sureties, Forfeit, none. Limit, March 22, 1924. Plans and Specifications not filed.

TILE WORK
(1448) BLK. BOUNDED BY 28TH & 30th Aves., Vicente and Wawona. Al work for floor and wall tile for administration bldg., 6 cottages and power house.
Owner—San Francisco Protestant Orphanage Society.
Architect—None
Contractor—Mallott & Peterson, 2412 Harrison St., S. F.
Filed Mar. 28, 1924. Dated Feb. 25, 1924
Monthly 75%
36 days after 25%
TOTAL COST, $5096
Bond, $2550. Sureties, New Amsterdam Casualty Co. Forfeit, none. Limit 30 days after notified. Plans and Specifications not filed.

CONVENT BLDG.
(1449) N GREEN W STEINER. All work except plumbing and heating for 2-story convent bldg.
Owner—The Roman Catholic Archbishop of S. F., 1100 Franklin St., San Francisco.
Architect—Shea & Shea, Chronicle Bldg., S. F.
Contractor — T. B. Goodwin, 2565 Gough St., S. F.
Filed Mar. 28, 1924. Dated Mar. 24, 1924
1st each month 75%
Usual 35 days 25%
TOTAL COST, $30,000
Bond, $15,000. Sureties, Fidelity & Deposit Co of Md. Forfeit, none. Limit, Aug. 15, 1924. Plans and Specifications filed.

EXCAVATING
(1450) BOUNDED BY SEVENTEENTH Florida, Mariposa and Alabama. All work for excavation for machine shop
Owner—American Can Co., Mills Bldg., San Francisco.
Architect—None.
Contractor—Farrar & Carlin, 185 Stevenson St., S. F.
Filed Mar. 28, 1924. Dated Mar. 27, 1924
Completed and accepted 75%
Usual 35 days 25%
TOTAL COST, $4400
Bond, $3300. Sureties, Fidelity & Deposit Co. of Md. Forfeit, none. Limit, 11 days. Plans and Specifications filed.

BUILDING
(1451) E GIRARD 100 S BACON. All work for building.
Owner—Geo. H. Cafferata.
Architect—None.
Contractor—Jos. Blum, 212 Silliman St., S. F.
Filed Mar. 28, 1924. Dated Mar. 28, 1924
Frame up $1200
Plastering on 1200
Completed 1200
Usual 35 days 800
TOTAL COST, $4400
Bond, Sureties, none. Forfeit, $10. Limit, 100 days. Plans and Specifications not filed.

THEATRE, STORE BLDG.
(1452) — THIRD ST. 40 N Quesada Ave. All work for class A theatre and store bldg.
Owner—Otto Roeder, 959 Monterey, San Francisco.
Architect—Chas. Strothoff, 2274 15th St., S. F.
Contractor—S. Rasori, 410 Wiliams Bldg., S. F.
Filed Mar. 28, 1924. Dated Mar. 27, 1924
Contractor to purchase supplies and materials on account of owner who will make payments direct. Owner to make payments, to contractor monthly on account of payrole
Usual 35 days .....Final payment.
Contractor to receive 7½%, total cost not to exceed $45,000
Bond, Guaranteeing bldg. not to exceed $45,000. Sureties, H. Esposto and A. Figone. Forfeit. Limit, none. Plans and Specifications filed.

APARTMENTS
(1455) SW CHESTNUT & LAGUNA. Three-story and basement frame (12) apartments.
Owner—G. A. Tuck, % Architect.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $20,000

DWELLINGS
(1456) E FORESTSIDE AVE 111, 114 and 177 N Ulloa. Three one-story and basement frame dwellings.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park, S. F.
Architect—None. $3800 each

DWELLINGS
(1457) S LINCOLN WAY 50 and 85 W Twenty-seventh Ave. Two one story and basement frame dwlgs.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park, San Francisco.
Architect—None. $5000 each

DWELLING
(1458) W EDINBURGH 75 N Excelsior One-story and basement frame dwelling.
Owner—Thomas Johnsen, 561 Clipper St., San Francisco.
Architect—None. $2000

DWELLING
(1459) E JULES AVE 260 S Holloway. One-story and basement frame dwelling.
Owner—J. Wormuth, 167 Brighton Ave., San Francisco.
Architect—None.
Contractor—C. E. Soules, 159 Brighton Ave., San Francisco. $3850

DWELLINGS
(1460) N JUDAH 45, 70 and 95 W 16th Ave. Three one-story and basement frame dwellings.
Owner—E. Ellingson, 180 Jessie St., San Francisco.
Architect—None. $3000 each

DWELLING
(1461) W SIXTEENTH AVE 100 N Judah. One-story and basement frame dwelling.
Owner—E. Ellingson, 180 Jessie St., San Francisco.
Architect—None. $3000

STORES
(1462) NW MISSION 50 SW Santa Rosa. One-story concrete stores.
Owner—Niels Schultz, 46 Kearny St., San Francisco.
Architect—None.
Contractor — Schultz Constr. Co., 46 Kearny St., San Francisco. $7500

DWELLING
(1463) E THIRTY-EIGHTH AVE 150 N Cabrillo. One-story and basement frame dwelling.
Owner—Mrs. Mary J. Nagle, Kentfield, Calif.
Architect—Philip Schwerdt, 2920 Jackson St., San Francisco.
Contractor—A. F. Anderson. $4900

RESIDENCE
(1464) N YERBA BUENA — E Santa Clara. Two-story and basement frame residence.
Owner—Mrs. G. Clift, 1355 Portola Drive, San Francisco.
Architect—Albert J. Fabre and Ernest H. Hildebrand, 110 Sutter St., San Francisco. $9000

RESIDENCE
(1465) S LIBERTY 155 E Church E 89-6xS 114. All work except electrical work, painting and plumbing for two-story and basement residence and garage.
Owner—David Woerner, 55 Hill St., San Francisco.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.
Contractor — Moore & Madsen, 77 O'Farrell St., San Francisco.

Filed Mar. 29, '24. Dated Mar. 25, '24.
On 10th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $33,792
Bond, $16,896. Sureties, G. H. Moore and J. Molgaard. Limit, 150 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported Mar. 25, 1924, No. 1328.

(1466) PAINTING ON ABOVE.
Contractor—D. Zelinsky & Sons, Inc., 165 Grove St., San Francisco.
Filed Mar. 29, '24. Dated Mar. 25, '24.
Payments same as above.....
TOTAL COST, $1960
Bond, none. Limit, as fast as possible Forfeit, none Plans and specifications filed.

(1467) PLUMBING ON ABOVE.
Contractor — Alexander Coleman, 706 Ellis St., San Francisco.
Filed Mar. 29, '24. Dated Mar. 25, '24.
Roughed in $1093.50
Completed and accepted..... 1093.50
Usual 35 days..... 729.00
TOTAL COST, $2926.00
Bond, none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

(1468) ELECTRICAL WORK ON above.
Contractor—National Electric Co, 103 Turk St., San Francisco
Filed Mar. 29, '24. Dated Mar. 25, '24.
Roughed in $292.00
Completed and accepted..... 291.50
Usual 35 days..... 194.50
TOTAL COST, $778.00
Bond, none. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

OFFICE BLDG.
(1469) NE CALIFORNIA & MONTgomery. Cabinet work, doors, glass and glazing grille gates, hardware finishing for offices in 309 Kohl Bldg.
Owner—Dean Witter & Co., 465 California St., San Francisco.
Architect—Ward & Blohme, 454 California St., San Francisco.
Contractor—Mullen Mfg. Co., 64 Rausch St., San Francisco.
Filed Mar. 29, '24. Dated Mar. 27, '24.
Completed and accepted.....$2125
TOTAL COST, $2125
Bond, $1062 50. Surety, Fidelity & Deposit Co. of Maryland. Limit, April 14, 1924. Forfeit, $15. Plans and specifications filed.

DWELLING
(1470) NE AVALON & EDINBURGH. One-story and basement frame dwelling.
Owner—K. T. Howe, 540 Leavenworth St., San Francisco.
Architect—National Mill & Lumber Co., 325 Market St., San Francisco.
Contractor—K. T Howe, 540 Leavenworth St., San Francisco. $3000

DWELLING
(1471) N CHESTNUT 211-4 W Baker. Two-story and basement frame dwelling.
Owner—Thomas Thomson, 1104 Gough St., San Francisco.
Architect—None
Contractor—S. B. Davis, 782 Zerida Ave., Oakland. $5000

FRAME FLATS
(1472) N FILBERT 127 E Hyde. Three-story and basement frame (2) flats.
Owner — Mrs Paul Page Austin, 1069 Chestnut St., San Francisco.
Architect — Henry H. Gutterson, 630 Powell St., San Francisco.
Contractor—H. Papenhausen, 532 3rd Ave., San Francisco. $10,000

DWELLING
(1473) N GENEVA AVE 50 E Madrid. One-story and basement frame dwelling.
Owner—Carl E. Nyman, 940 Geneva Ave., San Francisco.
Architect—None. $3000

FRAME FLATS
(1474) E HOWARD 195 S Twenty-fifth Two-story and basement frame (2) flats.
Owner—P. J. and Marg. McVeigh, 688 Monterey Blvd., San Francisco.
Architect—None.
Contractor—Ulrich & Co., 1279 O'Farrell St., San Francisco. $6000

DWELLINGS
(1475) NW LISBON 225, 250 and 275 NE Brazil. Three one-story and basement frame dwellings.
Owner—A. B. Frank, 4609 Mission St. San Francisco.
Architect None. $3000 each

FRAME FLATS
(1476) N LOMBARD 81-3 W Octavia. Two-story and basement frame (2) flats
Owner—S. Steinauer, 109 Cornwall St., San Francisco.
Architect—None. $7000

FRAME FLATS
(1477) N LOMBARD 56-3 W Octavia. Two-story and basement frame (2) flats.
Owner—S. Steinauer, 109 Cornwall St., San Francisco.
Architect—None. $7000

ALTERATIONS
(1478) NO. 7032 PACIFIC. General alterations for mattress store.
Owner—S. Sorrentino, 1032 Pacific St., San Francisco.
Architect—None. $1500

DWELLING
(1479) N SILVER AVE 125 W Barnevald. One-story and basement frame dwelling.
Owner—Sigurd Moll, 3400 Madera Ave., Oakland.
Architect—None. $2000

ALTERATIONS
(1480) NO 359 SUTTER. Remodel store front.
Owner—Milton Eisner, 57 Sutter St., San Francisco.
Architect—Samuel Hyman and A. Appleton, Foxcroft Bldg., S. F.
Contractor—Boyyer & Sons, 2407 California St., San Francisco. $4440

FRAME FLATS
(1481) W TWENTY-EIGHTH AVE 300 N Clement. Two-story and basement frame (2) flats.
Owner—Henry S. Porter and wife, 5214 Geary St., San Francisco.
Architect—None.
Contractor—Edward E. Manseau, 647 Clayton St., S F. $11,000

DWELLING
(1482) E TWENTY-NINTH AVE 275 S Irving. One-story and basement frame dwelling.
Owner—Bernhardt Bldg. Co., 582 Grove St., San Francisco.
Architect—Gustave Stahlberg, 544 Market St., San Francisco. $5000

DWELLING
(1483) SE WAWONA 160 N 14th Ave. One-story and basement frame dwelling
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park, S. F.
Architect—None. $4000

DWELLING
(1484) E FORTY-SECOND AVE 100 S Irving. One-story frame dwlg.
Owner — Jas. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $3000

DWELLING
(1485) S GRAFTON 75 E Brighton. One-story and basement frame dwelling.
Owner — Jas. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granvile Way, S. F. $3000

DWELLINGS
(1486) N IRVING 90 and 120 W 31st Ave. Two one-story and basement frame dwellings.
Owner — Jas. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $3000 each

DWELLING
(1487) E JULES AVE 185 N Grafton One-story and basement frame dwelling.
Owner — Jas. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $4000

DWELLING
(1488) NW THIRTY-FIRST AVE AND Irving. One-story and basement frame dwelling.
Owner — Jas. Arnott, 235 Granville Way, San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $5000

FRAME FLATS
(1489) E STOCKTON 83 S Chestnut. Two-story and basement frame (2) flats.
Owner—A. Falconi, 428 Lombard St., San Francisco.
Architect—Paul F. De Martini, 946 Broadway, San Francisco.
Contractor—Paul De Martini, 2869 Octavia St., San Francisco. $10,000

RESIDENCE
(1490) LOT 7 BLK 32, INGLESIDE Terrace. All work for residence.
Owner—The Northern Supply Co., —.
Architect—Plans by owner.
Contractor—W. D. Henderson, Monadnock Bldg., S. F.
Filed Mar. 31, 1924. Dated Mar. 31, 1924
Frame up $1000
Plastered 1000
Accepted 1900
Usual 35 days 1300
TOTAL COST, $5200
Bond, Sureties, Forfeit, none. Limit, 90 days. Plans and Specifications not filed.

ADDITION
(1491) E POWELL 87-6 S SACRAmento, No. 840 Powell All work for 1-story reinforced concrete addition to present garage.
Owner—A. W. Wilson and I. J. Trainor trustees estate of Jos. Martin, deceased, Grand Hotel, S. F.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., S. F.
Contractor—Robert Trost, 26th and Howard Sts., S. F.
Filed Mar. 31, 1924. Dated Mar. 24, 1924
2nd day each month 75%
Usual 35 days 25%
TOTAL COST, $13,006
Bond, Sureties, forfeit, none. Limit, 50 days. Plans and Specifications filed.

RETAINING WALL
(1492) NW CHESTNUT AND MONTgomery. Construct reinforced concrete retaining wall to support fill for railroad tracks
Owner—Globe Grain & Milling Co., 1701 Montgomery St., S. F.
Architect—Victor H. Poss, 318 Bush St., San Francisco.
Contractor—Waugh Constr. Co., Los Angeles. $1000

STORES, ETC.
(1493) E FILLMORE 68-9 N O'Farrell Two-story brick stores and offices.
Owner—Sam Schwartz, 110 Sutter St., San Francisco.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—J. Martinelli, 180 Jessie St, San Francisco. $15,000

APARTMENTS
(1494) W FRANKLIN 33 S Filbert. One-story addition to apartments.
Owner—Filippo Moscone, Premises.
Architect—L. Traverso, 854 Union St., San Francisco.
Contractor—Fracchia & Rosina, Prem. $6000

DWELLING
(1495) SE BRUNSWICK 355 W Whittier. One-story and basement frame dwelling.
Owner — August Saunier, 769 Brunswick St., San Francisco.
Architect—None. $2950

ALTERATIONS
(1496) NO. 1022 MARKET. Construct new entrance for restaurant
Owner—B. & G. Sandwich Shop, 184 O'Farrell St., San Francisco.
Architect—None.
Contractor—Ira W. Coburn, 712 Hearst Bldg., San Francisco. $2000

STORE BLDG.
(1497) NO. 1980 MISSION. Excavate basement for two-story reinforced concrete store building, 100x60 ft.
Owner—Goodwill Industries, Inc., 1980 Mission St., San Francisco.
Architect—James H. McFarland, 830 Post St., San Francisco.
Contractor — Jas. H. McFarland, 830 Post St., San Francisco. $2000

FRAME FLATS
E LARKIN 87-8½ S Greenwich. Two-story and basement frame (2) flats.
Owner—John A. Murray, 135 Fremont St., San Francisco.
Architect—Masten & Hurd, 278 Post St., San Francisco.
Contractor—Meyer Bros., 603 1st Nat'l. Bank Bldg., S. F. $10,000
NOTE:—Recorded contract reported March 6, 1924, No. 985

APARTMENTS
(1498) S CLINTON PARK 85 W Guerrero. Three-story and basement frame (12) apartments.
Owner—Joe Piasecki, 239 Clinton Park San Francisco.
Architect—Norman R. Coulter, 46 Kearny St, San Francisco. $26,000

DWELLINGS
(1499) W FAXON AVE 25, 50 and 75 N Lakeview. Three one-story and basement frame dwellingc.
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco.
Architect—None. $3000 each

APARTMENTS
(1500) N GROVE 96-10½ E Lyon. Two-story and basement frame (4) apartments.
Owner—Wolf & Johnson, 146 Highland Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $8000

DWELLINGS
(1501) N IRVING 90 E 31st Ave.; NE Irving and 31st Ave. Two one-story and basement frame dwlgs.
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco.
Architect—None $4000 each

DWELLINGS
(1502) W MIRAMAR 125 and 150 S Grafton. Two one-story and basement frame dwellings.
Owner—Meyer Bros., 603 1st National Bank Bldg., San Francisco.
Architect—None. $3000 each.

ADDITIONS
(1503) NW PACIFIC AND MONTGOMERY. General repairs and additions for public garage.
Owner—Commercial Centre Realty Co., 916 Kearny St., San Francisco.
Architect—M J. Lyon, 916 Kearny St., San Francisco.
Contractor—Universal Constr. Co., 916 Kearny St., San Francisco. $4000

DWELLINGS
(1504) NE SILVER AVE & CRAUT. N SILVER AVE 25 E Craut. Two one-story and basement frame dwellings.
Owner—Mr. Davock, 1994 Grove St., San Francisco.
Architect—A. J. Kronquist, 725 Elizabeth St., San Francisco.
Contractor—Kronquist & Jacobson, 725 Elizabeth St., S. F. $3500 each

DWELLINGS
(1505) N STAPLES 175 and 200 E Forester. Two one-story and basement frame dwellings.
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco.
Architect—None. $3000 each

DWELLINGS
(1506) NE THIRTY-SECOND AVE & Irving and E THIRTY-SECOND Ave 30 60 N Irving. Thre one-story and basement frame dwlgs.
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco.
Architect—None. $4000 each

BUILDING
(1507) E STOCKTON 93-6 S Chestnut S 25xE 137-6. Al work except lighting fixtures, shades, electric radiators for 2-story and basement frame bldg.
Owner—A. Falconi, 428 Lombard St., San Francisco.
Architect—Paul F. De Martini, 946 Broadway, San Francisco.
Contractor—Paul De Martini, 2869 Octavia St., S. F.
Filed April 1, 1924. Dated Mar. 31, 1924
Frame up .....$2500.
Brown coated ..... 2500.
Completed and accepted ..... 2500.
Usual 35 days ..... 2500.
TOTAL COST, $10,000.
Bond, $5,000 Sureties, J. M. Icardo and G. Taleri. Forfeit, none. Limit, 90 days. Plans and Specifications filed.
NOTE—Permit reported April 1, 1924 No. 1481.

RESIDENCE
(1508) W PORTOLA DRIVE 109-11½ S Vicente W 91-10⅞ S 50 E 93-4½ N 50-0¼. All work except wiring, cast ornamental staff and cement work, finish hardware, light fixtures, wall paper and furnace for 2-story and basement frame residence and garage.
Owner—Emily Nasser, 516 Sutter St., San Francisco.
Architect—H. C. Baumann and Edw. Jose, 251 Kearny St., S. F
Contractor—Meyer Bros., First National Bank Bldg., S. F.
Filed April 1, 1924. Dated Mar. 31, 1924
Wall and roof sheathing on....$2955
Plastered 2955
Brown coated 2955
Completed and accepted 2955
Usual 35 days 2955
TOTAL COST, $11,820.
Bond, $5910. Sureties, Anna Meyer and Theodore G. Meyer. Forfeit, none. Limit, 100 days. Plans and Specifications filed.
NOTE—Permit reported Mar. 26, 1924 No. 1335.

APARTMENTS
(1509) S O'FARRELL 114-6 E Larkin S 137-6 x E 48. All work for trenching, leveling, backfilling, concrete forms, concrete work for reinforced concrete bldg., 32 apartments.
Owner—E. V. Lacey, 180 Jessie St., San Francisco.
Plans by Owner.
Contractor—L. Vannucci Bros., 16th and Valencia Sts., S. F.
Filed April 1, 1924. Dated Mar. 28,-1924
Footing poured .....$1800.
2nd floor poured and joists set. 1840
3rd story poured, joists set.... 1840
Fire walls poured 1840
Roof boards on 1840
Two floors ready for plaster.. 1840
Completed and accepted 1900
Usual 35 days 4300
TOTAL COST, $17,200
Bond, $9000. Sureties, H. W. Bott and S. Greenbach. Forfeit, none. Limit, 100 days. Plans and Specifications not filed.
NOTE—Permit reported Mar. 17, 1924

DWELLINGS
(1510) W TWENTY-SECOND AVE 150, 175, 200 and 225 N Kirkham. Four one-story and basement frame dwellings.
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco.
Architect—None. $4000 each

DWELLING
(1511) N CHSETNUT 211-4 W Baker. Two-story and basement frame dwelling.
Owner—Thomas Thomson, 1104 Gough St., San Francisco.
Architect—None.
Contractor—S. B. Davis, 785 Linda Av., Oakland. $5000

ALTERATIONS
(1512) NO. 2235-2237 FILLMORE ST. Plaster front; concrete floor; plumbing, etc., for stores.
Owner—Manfred Bransten, 248 Russ Bldg., San Francisco.
Architect—None.
Contractor—Diestel & Vezina, 248 Russ Bldg., San Francisco. $3000

DWELLING
(1513) W FORTIETH AVE 225 N Fulton. One-story and basement frame dwelling.
Owner—Dr. F. A. Gawthorne, 651 18th Ave., San Francisco.
Architect—None.
Contractor—B. J. Jones, 707 Phelan Bldg., San Francisco. $3000

DWELLING
(1514) S HEAD 51-9 — Holloway. One-story and basement frame dwelling.
Owner—Philip Jackson, 1369 9th Ave., San Francisco.
Architect—None. $6000

APARTMENTS
(1515) S LINCOLN WAY 82-6 E 7th Ave. Two-story and basement frame (4) apartments.
Owner—R. W. Hawkins, 5331 Geary St., San Francisco.
Architect—None.
Contractor — Stempel & Cooley, 5331 Geary St., San Francisco. $9000

DWELLING
(1516) E MIRAMAR 43 N Southwood Drive. One-story and basement frame dwelling.
Owner—Mabel M. Tembey, 222 Lee Ave. San Francisco.
Architect—None.
Contractor—A. Marlin, 254 Lee Ave., San Francisco. $5000

DWELLINGS
(1517) NE CALIFORNIA & THIRTY-first Ave.
SE SEA VIEW TERRACE AND Thirty-first Ave.
E THIRTY-FIRST AVE 28, 53, 78 and 103 N California. Six two-story and basement frame dwlg.
Owner—Allen & Co., 168 Sutter St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco. $6000 each

FRAME FLATS
(1518) E THIRTY-THIRD AVE 175 and 200 N Fulton. Two two-story and basement frame flats (2 flats in each building).
Owner — Oscar Heyman & Bro., 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco. $8000 each

APARTMENTS
(1519) W GUERRERO 122 S Twenty-second. Three-story and basement frame (11) apartments.
Owner — Chas. Schwarz, 185 Stevenson St., San Francisco.
Architect—None. $14,000

DWELLINGS
(1520) S MONTEREY BLVD. 188, 246 and 287 W Faxon Ave.
SW MIRAMAR AND MONTEREY Blvd. and S Monterey Blvd. 95 and 166 W Miramar. Six one-story and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas F. Strothoff, 2274 15th St., San Francisco. $4000 each

DWELLING
(1521) S NORTHWOOD RDIVE 95 W Miramar. One-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas F. Strothoff, 2274 15th St., San Francisco. $5000

DWELLINGS
(1522) SW WESTWOOD DRIVE AND Miramar.
SE WILDWOOD WAY AND WESTwood Drive.
SW CALON AND GREENWOOD Ave. Three one-story and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas F. Strothoff, 2274 15th St., San Francisco. $5000 each

DWELLINGS
(1523) W FAXON AVE 87 and 129 S Kenwood Way. Two one-story and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St. San Francisco. $4000 each

DWELLING
(1524) E NOE 73-6 N Alvarado. One-story and basement frame dwlg.
Owner—Axel R Larson, 516 San Jose Ave., San Francisco.
Architect—None. $4000

RESIDENCE
(1525) W OCTAVIA 84 S Jackson. Two-story and basement frame residence.
Owner—F. R. Grannis, 2450 Steiner St., San Francisco.
Architect—Edw. E. Young, 2202 California St., San Francisco. $15,000

DWELLING
(1526) N OTESGO 150 N San Juan Ave. One-story and basement frame dwelling.
Owner—Walter E. Hansen, 485 Capistrano Ave., San Francisco.
Architect—None. $3000

DWELLING
(1527) W TEXAS 102 S Mariposa. One story and basement frame dwlg.
Owner—Angelo Tavella, 124 Mississippi St., San Francisco.
Architect—None.
Contractor—John P. Cuneo, 101 Amazon Ave., San Francisco. $5000

DWELLINGS
(1528) W TWENTIETH AVE 100 S Lawton. One-story and basement frame dwelling.
Owner—Miss M. E. Seley, 2232 Post St., San Francisco.
Architect—None.
Contractor — Geo. A. Seley, 281 27th Ave., San Francisco. $3000

FRAME FLATS
(1529) S TWENTY-SIXTH 35 N Bartlett. Two-story and basement frame (2) flats.
Owner—J. M. Lyons, 534 Bartlett St., San Francisco.
Architect—None. $4000

FRAME FLATS
(1530) S TWENTY-SIXTH 50 W Bartlett. Two-story and basement frame (2) flats.
Owner—J. M. Lyons, 534 Bartlett St., San Francisco.
Architect—None. $4000

ALTERATIONS
(1531) NO. 119 GRANT AVE. Construct new show windows; mezzanine floor; stairs to basement; remodel side entrance front.
Owner—Sommer & Kaufmann, 119 Grant Ave., San Francisco.
Architect—Wm. H. Toepke, 72 New Montgomery St., San Francisco.
Contractor—Fink & Schindler Co., 218 13th St., San Francisco. $7900

RESIDENCE
(1532) NE FORTY-FOURTH AVE & Irving. One and one-half-story and basement frame residence.
Owner—Mrs. Ella G. Thompson, 3230 Clay St., San Francisco.
Architect—Harold G Stoner, 1st Nat'l. Bank Bldg., San Francisco.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $11,000

DWELLINGS
(1533) SW EDNA AND JOOST AVES. W EDNA 25, 50, 75 S Joost Ave. Four one-story and basement frame dwellings.
Owner—Jas. Arnott & Son, 235 Granville Way, San Francisco.
Architect—None. $3850 each

OFFICE BLDG.
(1534) E MARKET AND BEALE NE 137-6xSE 138-2. Granite work for new general office building.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor—The McGilvray Raymond Granite Co., 634 Townsend St., San Francisco.
Filed Apr. 2, '24. Dated Mar. 20, '24.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $7117
Bond, $4000. Surety, Fidelity & Deposit Co. of Maryland. Limit, 90 days. Forfeit, none. Plans and specifications filed.
NOTE:—Granite curb, $2.25 per lin. ft. and setting of same, 75c per lin. ft.

RESIDENCE
(1535) SE EUCLID AND COMMONwealth Aves S 55xE 95 W A 644. All work for two-story and basement residence.
Owner—Belle Goldsmith.
Architect—Bernard J. Joseph, 74 New Montgomery St., San Francisco.
Contractor—Diestel & Vezina, 235 Montgomery St., San Francisco.
Filed Apr 2, '24. Dated Mar. 27, '24.
Roof rafters on.....$3000
Window frames set and roof on ready for lathing..... 3000
Plastering completed and sash hung and glazed..... 3000
Completed and accepted..... 3540
Usual 35 days..... 4183
TOTAL COST, $16,723
Bond, $8365. Sureties, John W. Bender and Matthew O'Brien. Limit, 125 days. Forfeit, $5. Plans and specifications filed.

BRICK BLDG.
(1536) SE BAY AND LAGUNA E 237-6 S 100 E 75 S 75 W 75 S 100 W 237-6 N 275. All work for 3-story and basement brick bldg.
Owner—San Francisco Ladies Protection and Relief Society.
Architect — Julia Morgan, Merchants Exchange Bldg., S. F.
Contractor—D. B. Farquharson.
Filed April 2, 1924. Dated Mar. 24, 1924
10th of each month 75%
Usual 35 days 25%
TOTAL COST, $142,177
Bond, Sureties, Forfeit, none. Limit, without delay. Plans and Specifications filed.

ALTERATIONNS
(1537) 2235, 2237 FILLMORE ST. All work for alteration and addition to building.
Owner—Henry Suma & Co.
Architect—None.
Contractor — Diestel & Vezina, 235 Montgomery St., S. F.
Filed April 2, 1924. Dated April 2, 1924
Excavating & concrete com ...$1000
Front inst'ld. & plastering com. 1000
Completed and accepted 1000
TOTAL COST, $3000
Bond, $1500. Sureties, Gus Rankin and Jos. H. Mooser. Forfeit, none. Limit, 75 days. Plans and Specifications not filed.

RESIDENCES
(1538) S JOOST AVE. 226 E Foerster E 75 x S 100 SW Joost Ave. and Edna S 100 x W 99. All work for seven 1-story and basement residences.
Owner—Moneta Investment Co., 233 Pacific Bldg., S. F.
Plans by owner.
Contractor—James Arnott & Son, 235 Granville Way, S F.
Filed April 2, 1924. Dated Mar. 24, 1924
Frame work completed $6151.25
Brown coated 6151.25
Completed and accepted 6151.25
Usual 35 days 6151.25
TOTAL COST, $24,605
Bond, Sureties, none. Forfeit, $10. Limit, 150 days. Plans and Specifications filed.

APARTMENTS
(1539) NW LARKIN AND GREENwich N 25 x W 105-9. All work except elevator, plumbing, heating, painting and wall paper for 3-sto. and basement frame apartment bldg.
Owner—Annie M. Convey.
Architect—John H. Powers and John H. Ahnden, 460 Montgomery St., San Francisco
Contractor—Joel Johnson & Son.
Filed April 2, 1924. Dated April 1, 1924.
Composition roof completed....$5600
Brown coated and exterior walls lathed 5600
Standing mil work finish done. 5600
Completed and accepted 5600
36 days after 7600
TOTAL COST, $30,000
Bond, $18,000. Sureties, New Amsterdam Casualty Co. Forfeit, none. Limit, 120 days. Plans and Specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
Mar. 27, 1924—ULLOA 57-6 E 24th Ave W 25 N 100 E 25 S 100. August and Anastasia Kuyper to Haisen & Sioblov.....Mar. 22, 1924
Mar. 27, 1924—W CHESTNUT 100 N Franklin. Louisa Segali to A H Wesendunk.....Mar. 24, 1924
Mar. 29, 1924—E TENTH AVE 200 N Lawton N 25xE 120. Dahlberg & Peterson to whom it may concern .....March 28, 1924
Mar. 29, 1924—E TENTH AVE 225 N Lawton N 25xE 120. Dahlberg & Peterson to whom it may concern .....March 28, 1924
Mar. 29, 1924—E PLYMOUTH AVE 225 N Graton Ave N 25xE 112-6 Lot 15 Blk 5, Lakeview. L G Grichton and H A Dilks to whom it may concern.....March 26, 1924
Mar. 29, 1924—LOT 468 Gift Map 1. Gus Johnson to whom it may concern.....Mar. 22, 1924
Mar 29, 1924—NW TWENTY-SECOND and Valencia N 50xW 82-6. Hibernian Savings & Loan Society to The California Steel Co..... .....March 27, 1924
Mar. 29, 1924—SW GUTTENBERG & Brunswick. Victor Bjorkman to whom it may concern..Mar. 24, 1924
Mar. 29, 1924—NE ANZA & SIXTH Ave N 104xE 55. La Societe Francaise De Bienfaisance Mutuelle to H H Larson (2 acceptances)..... .....March 28, 1924
Mar. 28, 1924—SW VAN DYKE AVE 100 SE Keith SE 25xSW 100. Walter Reichel to whom it may concern.....Mar. 24, 1924
Mar. 28, 1924—S UNION 68 W Jones W 30xS 120. Paola M Demartini to C Ferroni & Sons....Mar. 27, 1924
Mar. 28, 1924—SE BRUNSWICK 153 NE Olivet NE 25 SE 106-6 SW 25 NW 126-6. John Dahla to whom it may concern.....
Mar. 31, 1924—E THIRTY-FOURTH Ave 100 S Lincoln Way S 25xE 120. Byrd O Smith to whom it may concern.....Mar. 29, 1924
Mar. 31, 1924—NW LEAVENWORTH and Vallejo. Michael Dempniak to whom it may concern.....
Mar. 31, 1924—S CABRILLO 55-6 E Twenty-first Ave. Thomas McCormick to whom it may concern .....March 29, 1924
Mar. 31, 1924—E OCTAVIA 92-. S McAllister S 45xE 75. Edw and Henrietta Lewis to Meyer Bros... .....Mar. 27, 1924
Mar. 31, 1924—SE VAN NESS AVE & Filbert S 137-6xE 284. The Roman Catholic Archbishop of S. F. to Fennell & Chisholm...Mar. 28, 1924
Mar. 31, 1924—SE CALIFORNIA & Octavia S 137-6xE 32. M A Hunt to The Helbing Co.....Mar. 22, 1924
Mar. 31, 1924—SE MADRID 50 SW Excelsior Ave SW 50xSE 75 Ptn Lot 1 Blk 36 Excl Hd. Assn. Ambrose B Frank to whom it may concern.....Mar. 25, 1924
March 31, 1924—SE COR. ARMY & Sanchez E on Army 26 x E 62 Ptn. Daniel Breen to Nielson Bros... ..... Nov. 24, 1923
March 31, 1924—NW JACKSON AND Laguna W 55 x N 127-8¾. Jos. E Levin to D. Zelinsky & Sons.. ..... March 27, 1924
March 31, 1924—COMG. W SHRADER 100 S Fulton—S and parl. with W Shrader — E and parl. with S Fulton N parl. with Shrader to beg. Margaret V. and Catherine Redington to Thorinson & Stoneson Bro. ..... March 31, 1924
April 1, 1924—SW TWENTY-NINTH Ave and California S 25xW 95. J Harold Johnson to whom it may concern.....April 1, 1924
April 1, 1924—E LARKIN 112-6 S Greenwich S 25xE 87-6. Luke Fay to Meyer Bros.....Mar. 29, 1924
April 1, 1924—W BAKER 57-6 N Lombard N 27-6xW 82-6. Teresa and Frederick W Scatena and Camille Martini to M C Ingraham... .....March 19, 1924
April 1, 1924—N DE MONTFORD 50 W Capitol Ave. H G Cramerding to whom it may concern.....
April 1, 1924—NE GENEVA 130 SE Huron SE 25xNE 90 Ptn Lots 3 and 4 Blk 5 West End Map 1. Patrick Horgan to whom it may concern .....March 31, 1924
April 1, 1924—NW LOUISIANA AND Twenty-third N 433 W 200 S 416-5 S 64° 15' E 30th 175 to beg. Pacific Gas & Electric Co to Plant Rubber & Asbestos Works.....
April 1, 1924—W TWENTIETH AV 375 N Taraval N 25xW 120. E G and Helen P Henry to L H Stevenson .....March 27, 1924
April 1, 1924—S EDDY 82-6 E Polk 55x 137-6. E V Lacey to L Vannucci Bros.....Mar. 29, 1924
April 1, 1924—NE GENEVA AVE 155 ..NE Huron NE 25xSE 90 Ptn Lots 3 and 4 Blk 5, West End Map 1. Patrick Horgan to whom it may concern.....March 31, 1924
April 1, 1924—W SIXTEENTH AVE 200 N Irving 25x120. F F Hagal to whom it may concern.Apr. 1, 1924
April 1, 1924—W SECOND 25 S Jessie S 25xW 70. K M Clark to Chas S Delaney.....Mar. 28, 1924
April 1, 1924—E POTRERO AVE 25 N Twenty-fifth N 50xE 100. Thos F Mitchell to Thomas F Mitchell & Son.....March 24, 1924
Apr 1, 1924—LOCATION NOT GIVEN Albert and Marie Braun to Fred Issacson and Otto Nyland..... .....March 29, 1924

April 2, 1924 — N TWENTY-FIFTH Ave. 150 N Anza N 25 x W 100. Dennis O'Connell to C. T. Magill .....April 1, 1924

April 2, 1924—W RUSSIA AVE. AND Paris NW 25 x SW 100 Ptn. Lot 8 Blk 10 Excl Hd Assn. G. B. Roselli to whom it may concern..Apr 2, 1924

April 2, 1924—NW TIFFANY AVE at pt dist NE 657 from N 29th NE 25 NW 117-5 m or l SW 25-4 m or l SE 112 m or l. John J. Mullane to whom it may concern....April 2, 1924

April 2, 1924—NW TIFFANY AVE. NE 707 from N 29th NE 25 NW 127-5 SW 25-4 m or l SE 122-5 m or l. John J. Mullane to whom it may concern .....April 2, 1924

April 2, 1924—NW TIFFANY AVE. 682 NE 29th NE 25 NW 122-5 m or l SW 25-4 m or l SE 117-5 m or l. John J. Mullane to whom it may concern .....April 2, 1924

April 2, 1924—SW CLEMENT AND 27th Ave. W 32-6 x S 100. Harry Wissman to Thos. Hamill.....

April 2, 1924—S CLARA 300 W 5th. H. W. Moore & E. W. Costello to Adam Arras Co.....March 29, 1924

April 2, 1924 — S SEVENTEENTH 134-6¼ E Church S 98-4¼ E 30-0⅝ N 96-9¼ W 30. Winifred Gaffney to Robert H. Kelly.....March 29, 1924

April 2, 1924—W VIENNA 150 N Geneva Ave. T. D. Sullivan to whom it may concern.....April 2, 1924

April 2, 1924—S SACRAMENTO 112-6 W Front W 25xS 91-8 Ptn and W 226 and 277. Chew Quon to James H Hjul.....April 2, 1924

April 2, 1924—LOT 8 BLK 7, Ingleside Terraces. M Speigelman to whom it may concern.....

April 2, 1924—S GUERRERO 25 W Twenty-seventh. F Stoesser to T A Sourich and S Ferrera.Mar. 25, '24

April 2, 1924—E TWELFTH AVE 50 N California 25x82-6. Strand & Strand to whom it may concern.. .....April 2, 1924

April 2, 1924—E TWELFTH AVE 75 N California 25x82-6. Strand & Strand to whom it may concern.. .....April 2, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Mar. 27, 1924—NE LARKIN AND Sutter E 57-6xN 87-6. Tyre Bros Glass, $1850; Hart & Burmeister, $3314.65 vs Peter Bradley, J E Connell and P W Meherin.....

Mar. 27, 1924—N WASHINGTON 130 E Gough E 50-9 N 127-8¼ W 43-3 N 11-8¼ W 7-6 S 139-4½. Atlas Concrete Co vs Thomas McDougall $12,000

Mar. 27, 1924—NE SUTTER AND Larkin N 87-6xE 57-6. P O Lind vs Fennell & Chisholm, Peter Bradley, J H Connell and P W Meherin $215

Mar. 27, 1924—N GREEN 156-7 4/5 W Van Ness Ave W 27-6xN 137-6. Pene & Hodges vs Lucie Lamoure $6345

Mar. 27, 1924—NE SUTTER & LARKIN N 87-6xE 57-6. Morrison & Co, $435.15; Monihan & Slavin, $3500 vs Peter Bradley, J E Connell and P W Meherin and Fennell & Chisholm .....

Mar. 27, 1924—NE LARKIN AND Sutter N 87-6xE 57-6. Lowry & Daly vs Peter Bradley, J E Connell, P W Meherin and Fennell & Chisnolm $1000

Mar. 27, 1924—E FUNSTON AVE 125 S Geary S 25xE 120. Eugene F and Herbert A Itrich vs Saul and Mary Saslaw $22

Mar 27, 1924—NE SUTTER AND Larkin N 87-6xE 57-6. Royal Floor Co vs Peter Bradley, J E Connell and P W Meherin $2168

Mar. 29, 1924—NE SUTTER AND Larkin N 87-6xE 57-6 Christenson Lumber Co, corpn vs J E Connell, Peter Bradley, P W Meherin and Fernell & Chrisholm.....$132.48

Mar. 28, 1924—SE SUTTER AND Larkin N 87-6xE 57-6. Olson Mahony Lumber Co, $8551.19; Atlas Heating & Ventilating Co, $1923.75 vs J E Connell, Peter Bradley, P W Meherin, Fennell & Chisholm and Atlas Concrete Co.....

Mar. 28, 1924—NE SUTTER AND Larkin. J S Guerin & Co, $3349; Joost Bros. Inc, $124.12 vs Peter Bradley, J E Connell and P H Meherin .....

Mar. 28, 1924—NE SUTTER AND Larkin N 87-6xE 57-6. Otis Elev. Co, $370; Marshall & Stearns Co, $1205; Kawneer Mfg Co, $50; Sibley Grading & Teaming Co, $81.86; Raphael Zelinsky, $1212 vs J E Connell, Peter Bradley and P W Meherin .....

March 31, 1924—E FOLSOM 149 N 22nd along E Folsom 36 x E 122-6. J. J. Dempsey vs. Charles Penny and J. I. Hall $479.25

April 1, 1924—S FELL 27-6 E Buchanan E 27-6xS 92. Carl F and Henry A Ernst vs A L Nelson, E K Nelson and Floretta Nauman..$218

April 1, 1924—NW HANOVER 128 NE Lowell NE 25xNW 106-6. B Milano vs N E Lutz, H C and Maybell Pinkerton $66.90

April 1, 1924—S TURK 187-6 W Taylor W 87-6xS 137-6. J S Guerin & Co vs Thomas McDougall and Atlas Concrete Co $1720

April 2, 1924—S TURK 187-6 W Taylor W 87-6 x 137-6. Withington Iron Works vs Thos. McDougall, Atlas Concrete Co.....$30.85

April 2, 1924—SE CLAY & WALNUT Ave. E 37-6 x S 102-8¼. Pacific Gas Heating Co. vs Helena N. Moore. Sarah E. Jackson.....$462

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

April 2, 1924—SE TWENTY-FIRST and Dolores S 26xE 90 White Bros to Jas M and Mary McDermott .....

Mar. 28, 1924—W GUERRERO 33 N Dorland N 25xW 80. Art Tile & Mantel Co to Thos W Sullivan..$579

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

April 1, 1924—NO. 1030 POST ST. W V Hollinbery as to improvements on property.....

April 1, 1924—NE JACKSON AND Grant Ave N 69xE 55. Florence Cagliada as to improvements on property .....

April 2, 1924—SE MARKET 275 NE 6th. City Inv. Co. as to improvements to property .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
1697	Pregno	Owner	2000
1698	Maslin	Crane	5500
1699	Eutsler	Owner	1900
1700		Brennen	1800
1701	Skarin	Ahnefeld	3850
1702	Neilson	Vaughan	2000
1703	Beronio	Hansford	3000
1704	Gallard	Leonardo	3095
1705	Sharpe	Owner	3000
1706	Belden	Owner	5000
1707	Matheny	Owner	20000
1708	Pac. Gas	Owner	50000
1709	Ronaldson	Wells	2900
1710	Romie	Wilson	20000
1711	Lloyd Bros.	Stewart	3000
1712	Conner	Owner	2000
1713	Kuhlmeyer	Maurer	10000
1714	Weil	Grady	2000
1715	Trowbridge	Grady	2000
1716	Jewell	Hug	3000
1717	Parks	Owner	5500
1718	Davis	Owner	3900
1719	Tremont	Livingston	1000
1720	Tegtmeyer	Reite	4000
1721	Cayer	Anderson	2000
1722	Crossen	Brown	3128
1723	Somps	Hambleton	9902
1724	Frazier	Owner	4255
1725	Rose	Bkly Bldg Co	3800
1726	Strong	Smith	9800
1727	Alameda	Owner	18000
1728	Ardenzi	Owner	8500
1729	Warren	Anderson	3500
1730	Raelin	Wolfe	9000
1731	Blodgett	Bldrs.	4000
1732	Gray	Smith	4000
1733	Sisters of	Powers	6500
1734	Spears	Rose	2000
1735	Bean	Bean	2000
1736	Martensen	McGregor	3950
1737	Anderson	Owner	2500
1738	Kingsley	Owner	12000
1739	Baker	Barnes	22500
1740	Kopf	Owner	1900
1741	Matheny	Sharp	2000
1742	Campomenosi	Owner	8000
1743	Owens	Marshall	5000
1744	Jones	Estey	2989
1745	Blair	Pedersen	1718
1746	Weir	Beadel	—
1747	Schlickeiser	McWethey	60000
1748	Gevalstan	Owner	3950
1749	Peterson	Derby	3480
1750	Stolte	Owner	5250
1751	Furay	Owner	4250
1752	Peterson	Owner	7000
1753	Madden	Owner	3000
1754	Fageol	Leiter	20000
1755	Ray	Peterson	1000
1756	Perdue	Hart	2000
1757	Kerbs	Owner	10000
1758	Greenwood	Scott	6600
1759	Mitchell	Peterson	2765
1760	Baldwin	Allen	2900
1761	Byron	Owner	2400
1762	Werner	Owner	2500
1763	Lindholm	Owner	2000
1764	Marquis	Owner	3000
1765	Marquis	Owner	1000
1766	Wyche	Williams	7000
1767	Anderson	Patrick	10000
1768	Benedict	Kennedy	3500
1769	Benedict	Kennedy	3200
1770	Fox	Fox	4900
1771	Marquis	Owner	4000
1772	Marquis	Owner	3000
1773	Marquis	Owner	3000
1774	Ellam	Dunn	3200
1775	Nopel	Bayliss	6000
1776	Hardy's	Fowler	1000
1777	Sperry	Hayden	10000
1778	Keating	Owner	5000
1779	Leonardi	Owner	1500
1780	Murchison	Pearce	1690
1781	Miller	Hawkins	3000
1782	Cardano	Johnson	4000
1783	Pitka	Pitka	3500
1784	Dowling	Owner	3500
1785	Miller	Olsen	5000
1786	Hiel & Walters	Owner	2000
1787	Dahl	Owner	3500
1788	Hawkins	Owner	10000
1789	Kaizennack	Peters	2325
1790	Bentley	Bentley	3700
1791	Burgess	Palmer	1500
1792	Gandi	James	2500
1793	Edwards	Owner	2800
1794	Campbell	Vaughan	8600
1795	Wilkinson	Owner	6000
1796	Sherman	Sanctuary	[illegible]
1797	Okon	Olson	5000
1798	Anderson	Marshall	6150
1799	Baker	Baker	5200
1801	Doian	Owner	5675
1802	Ferguson	Hauri	6250
1803	Holmes	Owner	5500
1804	King	Eliassen	5500
1805	Patterson	Newsom	23000
1806	Stevens	Field	10000
1807	Ogier	Faderich	1000
1808	Lapham	Owner	3000
1809	St. Mary	Owner	3800
1810	Westerman	Owner	5000
1811	Meyer	Nelson	2200
1812	Castores	Anderson	3400
1813	Dalmes	Owner	2500
1814	Marquis	Owner	5000
1815	Mas Antier	Salof	3500
1816	Marquis	Owner	3000
1817	Pugh	Owner	10000
1819	Rosano	Tandy	2698
1820	Marquis	Owner	3000
1821	Marquis	Owner	2500
1822	Beatty	Owner	2000
1823	Heilser	Van Ness	3500
1824	Turner	Owner	4000
1825	Bell	Owner	3500
1826	Owen	Owen	2950
1827	Wetzel	Owner	6000
1828	McIntosh	Peters	2400
1829	Merlino	Armelia	4100
1830	Rice	Fogel	2200
1831	Pearce	Anderson	7000
1832	Designers	Teicheira	3000
1833	Cadwell	Johnson	3000
1834	Divine	Henderson	4750
1835	Stener	St. Mary	4100
1836	Mosebach	Owner	2900
1837	Noble	Owner	4000
1838	Neffi	Robertson	7340
1839	Grace	Broult	4000
1840	Croll	Thorp	1200
1841	Unger	Rheberg	3000
1842	Dante	S. F. Oven	3200
1843	Blomberg	Bay	4000
1844	Fisher	Owner	5000
1845	De Long	Hollway	3010
1846	Melrose	Foreman	4500
1847	Vallowy	Owner	2850
1848	United	Murch	8750
1849	Lucas	Owner	4000
1850	Reeves	Owner	1800
1851	Wales	Van Ness	2250
1852	Clark	Clark	3800
1853	Hull	Bullock	5500
1854	Blum	Koski	13575
1855	Le Feaver	Kurtz	8661

DWELLING
(1697) 2234 BROWNING, Oakland. 1-story 4-room dwelling.
Owner—C. Pregno 2230 Browning, Oakland.
Architect—None. $2000

DWELLING
(1698) 2564 BUENA VISTA, Berkeley. 1-story 6-room dwelling and garage.
Owner—M. Maslin, Shasta Rd, Berkeley
Architect—None.
Contractor—C. B. & P. L. Crane, 1188 Arch St., Berkeley. $5500

DWELLING
(1699) 1649 JULIA ST., Berkeley. 1-story 3-room dwelling.
Owner—A. Eutsler, 3374 Grove St., San Francisco.
Architect—None. $1900

DWELLING
(1700) 1301 LINCOLN, Berkeley. 1-story 3-room dwelling.
Owner—Not given.
Architect—None.
Contractor—J. P. Brennan, 1519 Hearst Berkeley. $1800

DWELLING
(1701) 1038 MERCED, Berkeley. 1-story 5-room dwelling.
Owner—E. G. Skarin.
Architect—None.
Contractor—Harry Ahnefeld, 1969 Marin Ave., Berkeley. $3850

DWELLING
(1702) W CALAVERAS AVE. 75 S Tompkins, Oakland. 1-story 3-room dwelling.
Owner—J. O. Neilsen, 5061 Calaveras Ave., Oakland.
Architect—None.
Contractor—F. E. Vaughan, 5181 Calaveras Ave., Oakland. $2000

DWELLING
(1703) N CLIFTON 203 W Miles, Oakland, 1-story 5-room dwelling.
Owner—Antonio Beronio, 482 Clifton, Oakland.
Architect—None.
Contractor—Hansford & Atkinson 1715 Bdwy., Alameda. $3000

DWELLING
(1704) NE EIGHTY-FIFTH AVE. & D St., Oakland. 1-story 4-rm dwlg.
Owner—Elie Gallard, 1122 85th Ave., Oakland.
Architect—None.
Contractor—F. I. Leonardo, 1162 86th Ave., Oakland. $3095

DWELLING
(1705) E EIGHTY-SEVENTH AVE. 100 S Hally St., Oakland. 1-story 6-room dwelling.
Owner—A. C. Sharpe, 1429 98th Ave., Oakland.
Architect—None. $3000

DWELLING
(1706) S ESTRADA 175 E Piedmont, Oakland. 1-story 6-room dwelling.
Owner—H. B. Belden, 1437 Broadway, Oakland.
Architect—None. $5000

STORE AND OFFICE
(1707) SW E 14TH ST and 25th Ave., Oakland. 1-story and office.
Owner—Roy & Harry A. Matheny, Oakland.
Architect—None. $20,000

CONC. SUB. STATION
(1708) NE 51ST ST and Shattuck, Oakland. 2-story conc. sub-station.
Owner—Pac. Gas & Elec. Co., 445 Sutter St., S. F.
Architect—None. $50,000

DWELLING
(1709) 1014 59TH ST., Oakland. 1-sto. 4-room dwelling.
Owner—Lena Ronaldson, 1016 59th St. Oakland.
Architect—None.
Contractor—F. P. Wells, 4052 Porter St. Oakland. $2900

CONCRETE STORES
(1710) E GRAND AVE 830 S Cottage, Oakland. 1-story concrete stores.
Owner—F. E. Romie, 418 Newton Av., Oakland.
Architect—None.
Contractor—Leslie R. Wilson, 2216 Blake St., Berkeley. $20,000

ALTERATIONS
(1711) 1424 HARRISON ST., Oakland. Alterations.
Owner—Lloyd Bros., Oakland.
Architect—None.
Contractor—B. A. Stewart, 102 Magnolia Ave., Oakland. $3000

GARAGE AND DWELLING
(1712) N HOPKINS 300 E Peralta Ave., Oakland. 1-story 3-rm. garage and dwelling.
Owner—Roy Conner, 2848 Hopkins St., Oakland.
Architect—None. $2000

DWELLING
(1713) S HUBERT RD bet. Grosvener and Longridge Rd., Oakland. 2-sto. dwelling.
Owner—H. J. Kuhlmeyer, 433 Battery St., San Francisco.
Architect—Henry H. Gutterson, 625 Powell St., San Francisco.
Contractor—Geo. J. Maurer Co., 177 Ridgeway, Oakland. $10,000

DWELLING
(1714) S MARION AVE 302 W 38th Ave., Oakland. 1-story 4-room dwelling.
Owner—Louis Weil, 3769 Marion Ave., Oakland.
Architect—None.
Contractor—E. F. Grady, 3626 Lyon Ave., Oakland. $2000

DWELLING
(1715) NW MONADNOCK WAY and 64th Ave., Oakland. 2-story 5-rm. dwelling.
Owner—W. E. Trowbridge, 6322 Monadnock Way, Oakland.
Architect—None. $3000

DWELLING
(1716) S 61ST ST 160 W Grove, Oakland. 1-story 5-room dwelling.
Owner—Mrs. Linda Jewell, 2322 Stuart St., Berkeley.
Architect—None.
Contractor—Fritz Hug, 2322 Stuart St. Berkeley. $3000

DWELLINGS (2)
(1717) 2639 and 2645 62ND AVE., Oakland. Two 1-story 5-room dwellings.
Owner—D. W. Parker, 476 Crescent St., Oakland.
Architect—None.
$2900 and $2600

DWELLING
(1718) 2426 SIXTY-FIFTH AVE., Oakland. 1-story 5-room dwelling.
Owner—Geo. B. Davis, 2283 Hyde St., Oakland.
Architect—None. $3900

ALTERATIONS
(1719) 673 THIRTY-FOURTH ST., Oakland Alterations.
Owner—I. Chilton, 6607 Tremont St., Oakland.
Architect—None.
Contractor—W. Livingston, 2918 Ellis St., Berkeley. $1000

DWELLING
(1720) NW E-TWENTY-FIRST ST., and Mitchell, Oakland. 1-story 6-room dwlg.
Owner—C. Tegtmeyer, 2720 E 21st St., Oakland.
Architect—None.
Contractor—Reite Bros., 558 Haight Ave., Oakland. $4000

ALTERATIONS
(1721) 925 TWENTY-EIGHTH ST., Oakland. Alterations and addition.
Owner—Jos. Cayero, 929 28th St., Oakland.
Architect—None.
Contractor—A. J. Anderson, 3675 Lily St., Oakland. $2000

BUNGALOW ETC.
(1722) E SIDE EIGHTY-THIRD AVE. 100 N op. B St., Oakland. All work for 1-story 5-room rustic bungalow and garage, walks, drive and fence.
Owner—J. L. & Lula Crossen, Oakland.
Architect—None.
Contractor—J. F. Brown, 2125 27th Ave Oakland.
Filed Mar. 27, 1924. Dated Mar. 18, 1924.
Frame up $782
Brown coated 782
Completed and accepted 782
Usual 35 days 782
TOTAL COST, $3128
Bond, Forfeit, none; Limit, 80 working days after Mar. 24, 1924; Plans and specifications filed.

FLAT BLDG.
(1723) SE COR. INTERSECTION OF Excelsior Ave. and Beacon St., Oakland. 2-story 5-room and basement flat building.
Owner—J. Somps, 1917 San Pablo Ave. Oakland.
Architect—Samuel Arnold.
Contractor—Fred Hambleton, 3737 13th Ave., Oakland.
Filed Mar. 27, 1924. Dated Mar. 17, 1924.
1st floor frame up $1980.40
All framing up 1980.40
All plastering done 1980.40
Completed and accepted..... 1980.40
Usual 35 days 1980.40
TOTAL COST, $9902
Bond, none; Forfeit, $5 day; Limit 90 days after Mar. 27, 1924; Plans and specifications filed.

DWELLING
(1724) 26 CLAREMONT CRESCENT, Berkeley. 1½-story 6-room dwlg.
Owner—Jas. W. Brazier, 1912 Blake St., Berkeley.
Architect—None. $4950

DWELLING
(1725) 980 CRAGMONT, Berkeley. 1-story 6-room dwelling and garage.
Owner—Mary E. & Lena Rose, Grant St., Berkeley.
Architect—None.
Contractor—Berk. Bldg. Co., 2029 Shattuck Ave., Berkeley. $3800

DWELLING
(1726) 843 MENDOCINO, Berkeley. 2-story 12-room dwelling and garage
Owner—A. Strong, 850 Mendocino, Berkeley.
Architect—None.
Contractor—J. Harry Smith, 508 Lexington, Berkeley. $9800

DWELLINGS
(1727) 1634 1638 1642 1646 1650 1654 10th St., Berkeley. Six 1-story 4-room dwellings.
Owner—Alameda Inv. Co., 703 Syndicate Bldg., Oakland.
Architect—None. $3000 each

March 28, 1924

Plans Completed.
APARTMENTS Cost, $9500
SAN FRANCISCO, E Franklin 150 S Bay.
Two-story and basement frame (4) apartments.
Owner—Peder J. Johnson, 696 McAllister St., San Francisco.
1

FLATS
(1728) SE PARK BLVD & EL CENTRO, Oakland, 2-story 9-room flats.
Owner—Dr. Jas. Ardenzi, 212 Bacon Bldg., Oakland.
Architect—None. $8500

DWELLING
(1729) 2832 SUNSET AVE., Oakland. 1-story 5-room dwelling.
Owner—W. H. Warren, 2802 Fruitvale Ave., Oakland.
Architect—None.
Contractor—E. Anderson, 2044 Austin St., Oakland. $3500

DWELLINGS
(1730) 5441 5447 5453 ROBERTS AVE. Oakland. 3 1-story 5-room dwlgs.
Owner—J. R. Raelin, 1933 5th Ave., Oakland.
Architect—None.
Contractor—Wm. Wolfe, 128 13th, Oakland. $3000 each

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DWELLING
(1731) 2855 FRUITVALE AVE., Oakland. 1-story 6-room dwellinng.
Owner—N. A. Blodgett, 3940 E-14th St., Oakland.
Architect—None.
Contractor—Bldgs. & Owners, Inc. Co., 3940 E-14th St., Oakland. $4000

DWELLING
(1732) W MARKET 62 S 38th St., Oakland. 1-story 5-room dwelling.
Owner—E. B. Gray, 233 Blake Bldg., Oakland.
Architect—None.
Contractor—A. Smith, 1469 1st Ave., Oakland. $4000

ADDITION
(1733) NE EIGHTH & CHESTNUT, Oakland. 2-story 2-room addition.
Owner—Sisters of the Holy Family, premises.
Architect—None.
Contractor—J. J. Power, 774 20th St., Oakland. $6500

DWELLING
(1734) N COLUMBIA DR. 216 W Greenley Dr., Oakland. 1-story 4-room dwelling.
Owner—Mrs. G. Spears, 37 Gratton St., San Francisco.
Architect—None.
Contractor—C. A. Rose, 3540 72nd Ave., Oakland. $2000

DWELLING
(1735) N PENNIMAN 314 W High, Oakland. 1-story 4-room dwelling.
Owner — Ellen Bean, 4118 Penniman Ave., Oakland.
Architect—None.
Contractor—W. O. Bean 4118 Penniman Ave., Oakland. $2000

DWELLING
(1736) 3933 LAGUNA AVE., Oakland. 1-story 6-room dwelling.
Owner—Paul Martensen, 3945 Laguna Ave., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $3950

ALTERATIONS
(1737) 260 PARK VIEW TERRACE, Oakland. Alterations.
Owner—F. Anderson, premises.
Architect—None. $2500

APARTMENTS
(1738) N WALNUT ST. 476 W Seminary, Oakland. 2-story 12-room apts.
Owner—C. A. Kingsley, 3046 Seminary Ave., Oakland.
Architect—None. $12,000

APARTMENTS
(1739) W LAKESHORE 381 S Mandana Blvd., Oakland. 2-story 24-room apartments.
Owner—A. G. Baker, 29th and Grove., Oakland.
Architect—None.
Contractor—Barnes & Place, 2031 Bdwy Oakland. $22,500

DWELLING
(1740) 401 5 QUIGLEY, Oakland. 1-story 4-room dwelling.
Owner—Ben F. Kopf, 845 Pacific Ave., Oakland.
Architect—None. $1900

ALTERATIONS
(1741) 5100 FOOTHILL BLVD., Oakland. Alterations.
Owner—C. B. Mathemy.
Architect—None.
Contractor—A. C. Sharp, 1327 E-28th St Oakland. $2000

DWELLINGS
(1742) E LAWTON 143 171 N Cavour, Oakland. Two 1-story 5-rm dwlgs.
Owner—E. Campomenosi, 5238 Lawton Ave., Oakland.
Architect—None. $4000 each

DWELLING
(1743) 1841 SIXTH AVE., Oakland. 1-story 6-room dwelling.
Owner—T. P. Owens, 1510 Market St., Oakland.
Architect—None.
Contractor—Howard Marshall, 581 48th St., Oakland. $5000

DWELLING
(1744) N SIDE BERKELEY WAY 50 E of West St., Berkeley. All work for 1-story 5-room dwelling.
Owner—Mrs. O. L. Jones, 1417 Kirkham, Oakland.
Architect—None.
Contractor—G. F. Estey & Son, 1815 Hearst Ave., Berkeley.
Filed Mar. 27, 1924. Dated Mar. 19, 1924.
Frame up $747.25
Plastered 747.25
Completed and accepted..... 747.25
Usual 35 days 747.25
TOTAL COST, $2989
Bond, Forfeit, none; Limit, 60 days after March 24, 1924; Plans and specifications filed.

DWELLING
(1745) LOT 26 BLK 2167 MAP OF Alden Tract at Temascal, Oakland. All work for 1-story dwelling, garage and drive way.
Owner—D. F. Blair, 3128 San Pablo, Oakland.
Architect—C. E. Lester.
Contractor — E. Pedersen, 827 Athens Oakland.
Filed Mar. 28, 1924. Dated Mar. 15, 1924.
Frame up & roof on.....$429.50
Plastered 429.50
Completed and accepted 429.50
Usual 35 days 429.50
TOTAL COST, $1718
Bond, none; Forfeit, $10 day; Limit, 90 working days after March 15, 1924; Plans and specifications, none.

ADDITION ETC.
(1746) 1037 FIFTY-NINTH ST., Oakland. 2-story 6-room addition and remodel 6-room.
Owner—R. S. Weir, 1026 59th St., Oakland.
Architect—None.
Contractor—Beadell & Lane, 909 Spruce St., Berkeley.
Filed Mar. 28, 1924. Dated Mar. 27, 1924.
Frame complete $925
Plastered 925
Completed and accepted 925
Usual 35 days 925
TOTAL COST, $3700
Bond, Forfeit, none; Limit, 90 working days after April 1, 1924; Plans and specifications, none.
NOTE—Permit applied for today.

APARTMENTS
(1747) W ATHOL AVE 85 S E-19th St., Oakland. Two-story 48-room apartments.
Owner — Schlickeiser & Holden, 2910 Telegraph Ave., Oakland.
Architect—None
Contractor — McWethey & Greenleaf, 2910 Telegraph Ave., Oakland. $60,000

DWELLING
(1748) N CALIFORNIA 260 E Maple, Oakland. One-story 5-room dwlg.
Owner—T. Gevalstan, 3114 California St., Oakland.
Architect—None. $3950

DWELLING
(1749) N E-THIRTY-NINTH 430 E Fruitvale Ave., Oakland. One-story 5-room dwelling.
Owner—N. O. Peterson, 2902 Foothill Blvd., Oakland.
Architect—None
Contractor—H. C. Derby, 2957 Schuyler St., Oakland. $3480

STORES
(1750) N E-FOURTEENTH 55 W 67th Ave., Oakland. One-story stores.
Owner—F. C. Stolte, 3455 Laguna Ave., Oakland.
Architect—None. $5250

DWELLING
(1751) E EIGHTY-SEVENTH AVE 140 N E-14th St., Oakland. One-story 6-room dwelling.
Owner—C. J. Furay, 1426 87th Ave., Oakland
Architect—None. $4250

STORES
(1752) W FOOTHILL AVE 230 S Hopkins, Okd. One-story stores.
Owner—J. B. Peterson, 2053 38th Ave., Oakland.
Architect—None. $7000

DWELLING
(1753) E MIDVALE AVE 120 S Wisconsin, Oakland. One-story 5-room dwelling.
Owner—C. D. Madden, 3948 Midvale Ave., Oakland.
Architect—None. $3000

FACTORY
(1754) GORE 107TH AND HOLLYwood Aves., Oakland. One-story brick con. factory.
Owner—Fageol Motors Co., Premises.
Architect—None.
Contractor—E. T. Leiter & Sons, 407 Call Bldg, San Francisco. $20,000

ALTERATIONS
(1755) E PERALTA AVE opp. E-23rd St., Oakland. Alterations.
Owner—J. Fay.
Architect—None.
Contractor—J. B. Peterson, 2053 38th St., Oakland $1000

ALTERATIONS
(1756) NO. 6401 REGENT, Oakland. Alterations.
Owner—Miss Corneal Perdue, 3157 College Ave., Berkeley.
Architect—None.
Contractor—Chas. D. Hart, 664 Santa Ray Ave., Oakland. $2000

APARTMENTS
(1757) N STOW AVE 223 E Wayne, Oakland. Two-story 12-room apartments.
Owner—M. Kerbs, 2306 Fruitvale Ave., Oakland.
Architect—None. $10,000

SHOP
(1758) S TWENTY-FIRST 100 E Brush Oakland. One-story brick shop.
Owner—J. B. Greenwood, 18th and San Pablo Ave., Oakland.
Architect—None.
Contractor—G. A. Scott. 685 23rd St., Oakland. $6600

ALTERATIONS
(1759) NO. 1519 THIRTY-NINTH AV., Oakland. Alterations.
Owner—W. J. Mitchell.
Architect—None
Contractor—J. B. Peterson $2765

DWELLING
(1760) 1424-26 BANCROFT WAY, Berkeley. 2-story dwelling.
Owner—H. N. Baldwin, 3120 Telegraph, Berkeley.
Architect—None.
Contractor—F. E. Allen, 2718 Regent St Berkeley. $2900

DWELLING
(1761) 2426 BYRON, Berkeley. 1-story 4-room dwelling.
Owner—Wesley E. Scott, 1516 Delaware, Berkeley.
Architect—None. $2400

DWELLING
(1762) 2420 CURTIS, Berkeley. 1-story 5-room dwelling and garage.
Owner—Chas. A. Werner, 2416 10th St., Berkeley.
Architect—None. $2500

DWELLING
(1763) 2707 MABEL, Berkeley. 1-story 4-room dwelling.
Owner—Karl K. Lindholm, 266 States St., San Francisco
Architect—None. $2000

DWELLING
(1764) 1358 MIRAMONTE COURT, Berkeley. 1-story 5-room dwelling.
Owner—P. E. Marquis, 2045 Shattuck, Berkeley.
Architect—None. $3000

ADDITION
(1765) 1023 OXFORD, Berkeley. Addition.
Owner—P. E. Marquis, premises.
Architect—None. $1000

DWELLING
(1766) 540 SANTA ROSA, Berkeley. 1-story 5-room dwelling.
Owner—W. L. Wyche.
Architect—None.
Contractor—Williams & Wastell, 601 Amer. Bk. Bldg., Oakland. $7000

DWELLING
(1767) 1609 SPRUCE, Berkeley. 2-sto. 6-room dwelling.
Owner—Mrs. M. C. Anderson.
Architect—Jas. W. Plachek.
Contractor—H. G. Patrick, 1973 Marin Ave., Berkeley.
NOTE—Recorded contract reported.

STORE FRONTS
(1768) 2489 2491 2493 2495 2497 2499 Telegraph, Berkeley. Store fronts.
Owner—Rose Bendict, 2546 Benvenue Ave., Berkeley.
Architect—None.
Contractor—F. T. Kennedy, 439 9th St., Oakland. $3500

STORES
(1769) 2485-87 TELEGRAPH, Berkeley. 1-story 2 stores.
Owner—Rose Bendict, 2546 Benvenue Ave., Berkeley.
Owner—None.
Contractor—F. T. Kennedy, 439 9th St., Oakland $3200

DWELLING
(1770) 560 THE ALAMEDA, Berkeley. 1-story 6-room dwelling.
Owner—Carl H. Fox, 1319 McGee Ave., Berkeley.
Architect—None.
Contractor—Fox Bros., 1926 University Berkeley. $4900

DWELLING
(1771) 1315 WALNUT, Berkeley. 1-story 6-room dwelling.
Owner—P. E. Marquis, 2045 Shattuck, Berkeley.
Architect—None. $4000

DWELLING
(1772) 1347 CARLOTTA, Berkeley. 1-story 5-room dwelling.
Owner—P. E. Marquis, 2045 Shattuck. Berkeley.
Architect—None. $3000

DWELLING
(1773) 1522 ADA, Berkeley. 1-story dwelling.
Owner—P. F. Marquis, 2045 Shattuck, Berkeley.
Architect—None. $3000

DWELLING
(1774) 1225 BROWNING, Berkeley. 1-storq 6-room dwelling.
Owner—Grover Ellam, 644 8th St., Oakland.
Architect—None.
Contractor—Dunn, 3035 Adeline, Berkeley. $3200

DWELLING
(1775) 712 ALMA AVE., Oakland. 2-story 6-room dwelling.
Owner—Fred Nopel, 425 14th St., Oakland.
Architect—None.
Contractor—H. H. Bayliss, 1502 38th Ave., Oakland. $6000

ALTERATIONS
(1776) 915 BROADWAY, Oakland. Alterations.
Owner—Hardy's Book Store, premises.
Architect—None.
Contractor—Fowler Bros.. prem. $1000

DWELLING
(1777) W CARLSTON AVE. 200 N Longridge, Oakland. 2-story 11-rm dwelling.
Owner — Emma Karne Sperry, 1024 Grand Ave., Oakland.
Architect—None.
Contractor—Hayden & Sperry, 351 12th St., Oakland. $10,000

DWELLING
(1778) EL CAMILE AVE. 207 W 55th Ave., Oakland. 1-story 6-rm dwlg.
Owner—J. M. Keating, 2531 34th Ave., Oakland.
Architect—None. $5000

ALTERATIONS
(1779) W CHESTNUT 150 S 34th St., Oakland. Alterations.
Owner—J. Leonardi, premises.
Architect—None. $1500

DWELLING
(1780) 2007 CHURCH ST., Oakland. 1-story 3-room dwelling.
Owner—Christina Murtchison 2400 57th Ave., Oakland.
Architect—None.
Contractor—Francis Pearce, 2121 65th St., Oakland. $1690

DWELLING
(1781) S FIFTY-NINTH ST. 240 W Shattuck, Oakland. 1-story 5-room dwelling.
Owner—A. J. Miller, 737 43rd St., Oakland.
Architect—None.
Contractor — Herbert Hawkins, 2139 Essex St., Berkeley. $3000

DWELLING
(1782) SE FORTY-SECOND & LUSK Sts., Oakland. 1-story 5-room dwlg.
Owner—M. Cordant, 681 42nd St., Oakland.
Archhitect—None.
Contractor—G. Johanson, 1357 Northside Ave., Berkeley. $4000

DWELLING
(1783) 6865 HALLIDAY, Oakland. 1-story 5-room dwelling.
Owner—Mrs. H. A. Pitka, 160 Athol Ave., Oakland.
Architect—None.
Contractor—J. E. Pitka, 160 Athol Ave, Oakland. $3500

DWELLING
(1784) 5212 LAWTON AVE., Oakland. 1-story 5-room dwelling.
Owner — G. F. Dowling, 407 Federal Bldg., Oakland.
Architect—None. $3500

DWELLING
(1785) W LINWOOD 375 NE 38th St.,
Owner—R. Miller, 2640 22nd Ave., Oakland.
Architect—None.
Contractor—A. Olsen, 2114 E. 30th St., Oakland. $5000

DWELLING
(1786) 808 MOORPARK ST, Oakland. 1-story 4-room dwelling.
Owner—Hall & Walters, 1629 45th Ave., Oakland.
Architect—None. $2000

DWELLING
(1787) 2640 19TH AVE, Oakland. 1-sto. 5-room dwelling.
Owner—E. W. Dahl, 2435 E. 24th St., Oakland.
Architect—None. $3500

DWELLING
(1788) 509 RADNOR RD, Oakland. 2-story 8-room dwelling.
Owner—R. A. Hawkins, 1502 38th Ave., Oakland.
Architect—None. $10,000

DWELLING
(1789) 3870 RHODA, Oakland. 1-story 4-room dwelling.
Owner—F. A. Katzenback, 1377 Union St., San Francisco.
Architect—None.
Contractor—L. A. Peters, 2483 Davis St, Oakland. $2325

DWELLING
(1790) 475 ROSE ST (rear), Oakland. 1-story 5-room dwelling.
Owner—W. A. Bentley, Oakland.
Architect—None.
Contractor—P. Bentley, Oakland. $3700

DWELLING
(1791) N SCHOOL 150 W Laurel, Oakland. 1-story 3-room dwelling.
Owner—A. N. Burgess, 1420 Franklin, Oakland.
Architect—None.
Contractor—E. E. Palmer, 1420 Franklin St., Oakland. $1500

ALTERATIONS & ADDITIONS
(1792) 1688 16TH ST., Oakland. Alterations and addition.
Owner—John Gaudi, Oakland.
Architect—None.
Contractor—Walt James, 1780 San Pablo St., Oakland. $2500

DWELLING
(1793) N 61ST ST 65 E Baker Street, Oakland. 1-story 5-room dwelling.
Owner—Victor Edwardson. 6121 Baker St., Oakland.
Architect—None. $2800

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DWELLING
(1794) N TRESTLE GLED RD 100 N Brookwood, Oakland. 1-story 5-rm. dwelling.
Owner—Dr. E. R. Campbell, Medical Bldg., Oakland.
Architect—None.
Contractor—John Vaughan, 561 21st St Oakland. $8600

DWELLING (2)
(1795) S TRUMAN ST 370-400 W Stanley Road, Oakland. Two 1-sto-5-room dwellings.
Owner—G. W. Wilkinson, 7717 Foothill Blvd., Oakland.
Architect—None. $3000 each

ADDITION
(1796) 529 28TH ST., Oakland. Add.
Owner—Dr L. L. Sherman, Oakland.
Architect—None.
Contractor—P. F. Sanctuary, 1070 65th St., Oakland. $1000

DWELLING (2)
(1797) W WILSON AVE 150 N Montana, Oakland. Two 1-story dwlgs
Owner—John M. Olson, 1566 Norton Ave., Oakland.
Architect—None.
Contractor—Martin Olson, Oakland. $3000 and $2000

DWELLING
(1798) 101 PALM DRIVE, Piedmont. 1-story 5-rm. dwelling and garage.
Owner—Walter B. Anderson.
Architect—None.
Contractor—A. F. Marshall Co., 1136 10th Ave., Oakland. $6150

DWELLING
(1799) 120 ARBOR DRIVE, Piedmont. 1-story 6-room dwelling & garage.
Owner—W. J. Baker, 2255 Ransome St. Fruitvale.
Architect—None.
Contractor—W. J. Baker, 2255 Ransome St., Fruitvale. $5200

DWELLING
(1800) 120 MAGNOLIA, Piedmont. 1-story 6-room dwelling and garage.
Owner—Chas. E. Bardwell, 2503 10th Ave., Oakland.
Architect—None.
Contractor—Chas. E. Bardwell Jr., 2503 10th Ave., Oakland. $5000

DWELLING
(1801) 154 ARBOR DRIVE, Piedmont. 1-story 6-room dwelling & garage.
Owner—Leo J. Dolan, Syndicate Bldg., Oakland.
Architect—None.
Contractor — Leo J. Dolan, Syndicate Bldg., Oakland. $5675

DWELLING
(1802) 1550 GRAND AVE., Piedmont. 1-story 6-room dwelling & garage.
Owner—Leo F. Ferguson.
Architect—None.
Contractor—J. J. Hauri. 822 56th St., Piedmont. $6250

DWELLING
(1803) 112 WILDWOOD AVE., Piedmont. 1½-story 6-room dwelling and garage.
Owner—S. O. Holmes, Bank of Italy Bldg., Oakland.
Architect—None.
Contractor—S. O. Holmes, Bk of Italy Bldg., Oakland. $5500

DWELLING
(1804) 111 DALE AVE., Piedmont. 1-story 6-room dwelling & garage.
Owner—Wm. King, 4421 Webster St., Piedmont.
Architect—None.
Contractor—Geo. W. Eliassen. $5500

DWELLING
(1805) 20 SIERRA AVE., Piedmont. 2-story 10-room dwelling & garage.
Owner—Harry H. Patterson, 1098 Ranleigh St., Oakland.
Architect—Sidney & B & Noble Newsom, Nevada Bank Bldg., Oakland.
Contractor—F. C. Stolte, 3455 Laguna St., Fruitvale. $23,000

DWELLING
(1806) 211 CARMEL AVE., Piedmont. 2-story 8-room dwelling & Garage.
Owner—Jay W. Stevens, 1336 Grand, Piedmont.
Architect—None.
Contractor—E. Field, Amer. Bank Bldg Oakland. $10,000

DWELLING
(1807) S CIRCLE HILL COLUMBIA Park, Oakland. 1-story 3-rm dwlg.
Owner — F. R. Ogier, 20 Circle Hill, Oakland.
Architect—None.
Contractor—A. Frederich, 1337 Salino Ave., Oakland. $1000

DWELLING
(1808) W EIGHTIETH AVE 320 N Adler. Oakland. 1-story 5-rm dwlg.
Owner—Burton Lapham, 2451 61st Ave. Oakland.
Architect—None. $3000

DWELLING
(1809) E EIGHTY-SEVENTH AVE. 50 S Birch St., Oakland. 1-story 5-rm. dwelling.
Owner—Joe St. Mary, 9415 E-14th St., Oakland.
Architect—None. $3800

FLATS
(1810) S FAIRVIEW ST. 150 E Shattuck, Oakland. 1-story 6-rm. flats.
Owner—G. H. Westerman, 679 Fairview St., Oakland.
Architect—None. $5000

DWELLING
(1811) W HIGH ST. 35 N Porter St., Oakland. 1-story 3-room dwelling.
Owner — Alice Victoria Meyers, 252 Walker St., San Francisco.
Architect—None.
Contractor—A. E. Nelson, 3608 Harbor View, Oakland. $2200

DWELLING
(1812) 3477 LAUREL AVE., Oakland. 1-story 5-room dwelling.
Owner—A. Castores, 1114 E-16th St., Oakland.
Architect—None.
Contractor—A. Anderson, 3027 Florida St., Oakland. $3400

DWELLING
(1813) 2911 MAGNOLIA ST., Oakland. 1-story 4-room dwelling.
Owner—F. Dalmes, premises.
Architect—None. $2500

DWELLING
(1814) S ORRAL ST. 60 90 E-72nd Ave., Oakland. Two 1-story 5-room dwellings.
Owner—E. M. Marquis, 2827 Russell St. Oakland.
Architect—None. $2500 each

DWELLING
(1815) W ONE HUNDRED THIRD AV. 200 S Birch St., Oakland. 1-story 5-room dwelling.
Owner—L. C. MacIntier. 595 34th St., Oakland.
Architect—None.
Contractor—A. Salof, 3914 39th Ave., Oakland. $3500

DWELLING
(1816) S ORRAL ST. 20 W 72nd Ave., Oakland. 1-story 5-room dwelling.
Owner—E. M. Marquis, 2827 Russell St., Oakland.
Architect—None. $3000

DWELLINGS
(1817) SE PRESLEY WAY & SHAFter, Oakland. Two 2-story 6-room dwellings.
Owner—Pugh & Goldsworthy, 596 22nd St., Oakland.
Architect—None. $5000 each

DWELLING
(1818) N PRESLEY WAY 100 S Chabot Rd., Oakland. 2-story 7-room dwelling.
Owner—Peterson & Skavonard, 2879 E-17th St., Oakland.
Architect—None. $5500

DWELLING
(1819) E SANTA RITA 170 N Rosedale Oakland. 1-story 4-room dwellinng
Owner—A. Rosano, 1413 6th St., Berkeley.
Architect—None.
Contractor—Tandy & Theis. 234 Chanslor Ave., Richmond. $2698

DWELLING
(1820) W SEVENTY-SECOND AVE. 280 S Orral St., Oakland. 1-story 5-room dwelling.
Owner—E. M. Marquis, 2827 Russell St., Berkeley
Architect—None. $3000

DWELLING
(1821) E SEVENTY-SECOND AVE. 250 N E-14th St., Oakland. 1-story 4-room dwellinng.
Owner—E. M. Marquis, 2827 Russell St., Oakland.
Architect—None. $2500

DWELLING
(1822) E SEVENTY-SIXTH AVE. 125 N Hillside, Oakland. 1-story 4-rm. dwelling.
Owner—G. H. Beatty, 2724 76th Ave., Oakland.
Architect—None. $2000

DWELLING
(1823) W SEVENTY-EIGHTH AVE. 74 N Alder, Oakland. 1-story 4-rm. dwelling.
Owner—W. J. Heilser.
Architect—None.
Contractor — Louis E. Van Ness, 4920 Park Blvd., Oakland. $3500

DWELLING
(1824) 2200 SIXTY-FIFTH AVENUE, Oakland. 1-story 5-room dwelling.
Owner—Fred G. Turner. 1938 Anseon Ave., Oakland.
Architect—None. $4000

DWELLING
(1825) W SIXTY-SEVENTH AVE. 105 S Avenal, Oakland. 1-story 5-room dwellinng.
Owner—Bell & Evans, 3704 39th Ave., Oakland.
Architect—None. $3500

DWELLING
(1826) E SIXTY-SEVENTH AVE. 211 N Avenal, Oakland. 1-story 5-room dwelling.
Owner—R. L. Owen, 523 61st St., Oakland.
Architect—None.
Contractor—D. T. Owen, 1732 50th Ave. Oakland. $2950

DWELLING
(1827) N TRESTLE GLEN RD. 1000 E Lakeshore, Oakland. 2-story 7-rm. dwelling.
Owner—E. M. Wetzel, 166 Santa Clara, Oakland
Architect—None. $6000

DWELLING
(1828) 7221 WELD ST., Oakland. 1-story 4-room dwelling.
Owner—M. McIntosh, 6821 E-14th St., Oakland.
Architect—None.
Contractor—L. A. Peters, 3485 Davis St Oakland. $2400

DWELLING
(1829) 75 FT W OF GROVE ON 38th St., Oakland. All work for 4-room dwelling with basement.
Owner—G. Merlino, 9389 B St., Oakland.
Architect—None.
Contractor—John Armelin.
Filed Mar. 31, 1924. Dated Mar. 31, 1924
Rough work completed.....$1500
Plastered 1500
Usual 35 days 1100
TOTAL COST, $4100
Bond, Forfeit, none; Limit, 90 working days after March 24, 1924; Plans and specifications filed.

DWELLING
(1830) 1535 BERKELEY WAY, Berkeley. 1-story 3-room dwelling.
Owner—Robt. R. Rice, 1850 Virginia St., Berkeley.
Architect—None.
Contractor—W. R. Fogel, 1169 Seminary Ave., Oakland. $2200

DWELLING
(1831) 2232 CEDAR, Berkeley. 2-story 6-room dwelling.
Owner—Winifred Pearce.
Architect—None.
Contractor—A. Fredk. Anderson, 2800 Delaware St., Oakland. $7000

DWELLING
(1832) 2336 EDWARDS, Berkeley. 2-story 5-room dwelling.
Owner—Designers & Bldrs Corp., 1516 Grant St., Berkeley.
Architect—None.
Contractor—E. Teicheira, 1516 Grant St., Berkeley. $3000

DWELLING
(1833) 1246 MABLE, Berkeley. 1-story 5-room dwelling.
Owner—C. P. Cadwell. 825 Aileen St., Oakland.
Architect—None.
Contractord—Albert Johnson, 752 56th St., Oakland. $3000

DWELLING
(1834) 1027 SIERRA, Berkeley. 1-sto. 5-room dwelling.
Owner—E. R. Divine.
Architect—None.
Contractor — E. F. Henderson, 5744 Keith Ave., Oakland. $4750

(1835) SE EIGHTY-SEVENTH AVE & Birch St., Oakland. 1-story 5-room dwelling.
Owner—J. H. Stener, 2512 Humboldt Ave., Oakland.
Architect—None.
Contractor—Joe St. Mary, 9415 E-14th St., Oakland. $4100

DWELLING
(1836) 1825 ELM ST., Alameda. 1-sto. 5-room dwelling.
Owner—G. H. Mosebach, 2323 Santa Clara, Alameda.
Architect—None. $2900

DWELLING
(1837) 1024 PEARL. Alameda. 1-story 5-room dwellinng.
Owner—G. H. Noble, 1336 Park St., Alameda.
Architect—None. $4000

DWELLING
(1838) 1273 ST. CHARLES, Alameda. 1-story 6-room dwellinng.
Owner—B. G. Neff, Park St., Alameda.
Architect—None.
Contractor—R. J. Robertson, 1577 Lincoln Ave., Alameda. $7340

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY
(THE SAN FRANCISCO BANK)
SAVINGS COMMERCIAL
INCORPORATED FEBRUARY 10th, 1868.
One of the Oldest Banks in California,
the Assets of which have never been increased
by mergers or consolidations with other Banks.

Member Associated Savings Banks of San Francisco
526 California Street, San Francisco, Cal.
DECEMBER 31st, 1923

Assets..... $89,174,468.57
Capital, Reserve and Contingent Funds..... 3,850,000.00
Employees' Pension Fund..... 430,275.37

MISSION BRANCH.....Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....Haight and Belvedere Streets
WEST PORTAL BRANCH.....West Portal Ave. and Ulloa St.

Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

DWELLING
(1839) 2014 SANTA CLARA, Alameda. 1-story 6-room dwelling.
Owner—Rosina Grace, 2159 Pacific Ave Alamcda.
Architect—None.
Contractor—O. Broult, 513 Broadway, Oakland. $4000

REPAIRS
(1840) 1400 WEBSTER, Alameda. Repairs.
Owner—J. G. Croll, premises.
Architect—None.
Contractor—V. E. Thorp, 1718 Alameda Ave., Alameda. $1200

DWELLING
(1841) 3060 DAKOTA, Oakland. 1-sto. 5-room dwelling.
Owner—J. Unger, 3052 Dakota, Oakland.
Architect—None.
Contractor—C. J. Rheberg, 2831 Montana. Oakland. $3000

BAKE OVEN
(1842) NE FIFTH & MYRTLE STS., Oakland. Brick bake oven.
Owner—Dante Bakery Co., 928 5th St. Oakland.
Architect—None.
Contractor—S. F. Oven Co., 1265 Eddy St., San Francisco. $3200

DWELLING
(1843) SE GLENDORA & El Centro, Oakland. 1-story 5-room dwlg.
Owner—A. Blomberg, 1444 Hopkins St., Oakland.
Architect—None.
Contractor—Bay Const. Co., 412 Madison St., Oakland. $4000

DWELLING
(1844) E HOWARD RD. 40 N Amersley Rd., Oakland. 1-story 6-room dwelling.
Owner—H. P. Fisher, Syndicate Bldg., Oakland.
Architect—None. $5000

DWELLING
(1845) S HOPKINS 300 W Midvale, Oakland. 1-story 5-room dwelling.
Owner—W. I. De Long, 1725 B St., Hayward.
Architect—None.
Contractor—John Hollway, 1690 101st Ave., Oakland. $3000

DWELLING
(1846) 3300 KANSAS, Oakland. 1-sto. 6-room dwelling.
Owner—Melrose Realty Co.
Architect—None.
Contractor—Foreman & Cox 4330 Pampas Ave., Oakland. $4500

DWELLING
(1847) 3618 MAPLE AVE., Oakland. 1-story 5-room dwelling.
Owner—H. L. Vallony, 3650 Maple Ave., Oakland.
Architect—None. $2850

FACTORY
(1848) N E NINETEENTH & UNION, Oakland. 1-story steel and tile factory.
Owner—United Autographic Register Co., premises.
Architect—None.
Contractor—Murch Williams Const. Co. 308 Fox Bldg., Oakland. $8750

DWELLING
(1849) W PATTON 170 S Chabot Rd., Oakland. 1-story 5-room dwelling.
Owner—L. L. Lucas, 2201 Ashby Ave., Berkeley.
Architect—None. $4000

DWELLING
(1850) E ABBEY ST. 150 S Allendale, Oakland. 1-story 4-room dwelling.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $1800

DWELLING
(1851) 4029 THIRTY-NINTH AVE., Oakland. 1-story 4-room dwellinng
Owner—E. S. Wales, S. F.
Architect—None.
Contractor—Louis E. Van Ness. 4920 Park Blvd., Oakland. $2250

DWELLING
(1852) E THIRTY-EIGHTH AVE. 50 N Nevil, Oakland. 1-story 5-room dwelling.
Owner—N. K. Clarke, 3442 E-14th St., Oakland.
Architect—None.
Contractor—H. V. Clarke, 38th & Nevil, Oakland. $3800

DWELLING
(1853) SW TWENTY-FIRST AVE & E-29th St., Oakland. 1-story 7-room dwelling.
Owner—H. H. Hull.
Architect—None.
Contractor—O. M. Bullock, 303 Hudson St., Oakland, $5500

DWELLING
(1854) POR. LOTS 15 & 16 BLK 3, Wheeler Tract, Berkeley. All work for 10-room dwelling and garage.
Owner—Solomon & Minna Frank Blum, 618 La Loma, Berkeley.
Architect—John Hudson Thomas, First National Bank Bldg., Berkeley.
Contractor — Matt Koski, 41 Ramona, Oakland.
Filed April 2, 1924. Dated Mar. 28, 1924.
Frame up $3393.75
Brown coated 3393.75
Completed and accepted 3393.75
Usual 35 days 3393.75
TOTAL COST, $13,575
Bond, Forfeit, none; Limit, 100 working days; Plans and specifications filed.

RESIDENCE
(1855) LOT 13 BLK 4 CLAREMONT Hotel Tract, Map 2, City of Berkeley. All work for residence.
Owner—J. H. & Dorothy Beall Le Feaver. 2817 Stuart St., Berkeley.
Architect—None.
Contractor—F. A. Kurtz, 364 41st St., Piedmont.
Filed April 1, 1924. Dated Mar. 31, 1924.
Frame up 25%
Brown coated 25%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST, $8661
Bond, $4331; Sureties, Otto Kurtz and James Randin; Forfeit, Limit. none. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Amount

March 26, 1924—POR. LOT 3, BLK. 7, Map of Thousand Oaks, Berkeley. Julia B. Castberg to whom it may concern ..... March 17, 1924
March 26, 1924—POR. LOTS 18 AND 19, blk. 8, Antisell Tract, Berkeley. Ronald S. Robinson to H. H. Porter ..... March 26, 1924
March 27, 1924—LOT 18, BLK. 3, Barker Tract, Berkeley. Margaret Marie Daniels to Geo. Rose... ..... March 1, 1924
Mar. 29, 1924—LOTS 23 AND 24 BLK 6 Sub of Ptn of Hollywood-San Leadro. H G Armtront to J P Cummine and L J White.Mar. 26 '24
Mar. 29, 1924—LOT 9 BLK 1 NW Estudillo Ave., San Leandro. F M Neher to whom it may concern... .....Mar. 28, 1924
Mar. 29, 1924—LOT 9 and 12½ Lot 10 Resbdvn Lot 39, Kingsland Tract, Oakland. M P Graves to whom it may concern.....Mar. 28, 1924
Mar. 29, 1924—LOT 30 BLK "N" Map of 4th Ave Terrace, Oakland. A C A Krueger to whom it may concern..... .....Mar. 25, 1924
March 28, 1924—LOT 1 & POR. LOTS 2 & 7 Map of the Barry Tract, Oakland, as subdivided. Mrs. Emma Cotton to C. W. Clayton..Mar. 22, '24
March 28, 1924—LOTS 4 & 5 BLK 1 Map of the Jose Domingo Tract, Berkeley. Douglas Campbell to whom it may concern..Mar. 28, 1924
March 28, 1924—2825 OCTAVIA ST., Oakland. C. & A. Langeberg to whom it may concern..Mar. 27, 1924
March 27, 1924—LOT 9 BLK D MAP of Kenwood Park, Oakland. T. P. Sanders to whom it may concern .....March 27, 1924
March 27, 1924—1 N SIDE PLEASant 100 ft from Boston; 2 SW cor Boston and Pleasant, Oakland. Annie E. Edge to O. F. Lyons.... .....March 24, 1924
March 27, 1924—410 FIFTY-FIRST St., Oakland. Giambattista Deluchi to Pio Benassini..Mar. 25, '24
March 28, 1924—SW THIRD & OAK Sts., Oakland E. R. Billett to Mellin & Taylor.....March 27, 1924
March 28, 1924—1773-5-7 SEVENTH St., Oakland. E. G. Stathropulos to Covey & Saunders.....Mar. 28, 1924
March 31, 1924—LOT 8. MAP OF Spring Court, Berkeley. C. M. Rogers to whom it may concern.. .....March 29, 1924
March 31, 1924—W ½ LOTS 18 AND 19, Spring Court, Berkeley. C. M. Rogers to whom it may concern.. .....March 29, 1924
March 31, 1924—N SIDE MOSS AVE. bet. Howe & Broadway, Oakland. Fabiola Hospital Association to Plant Rubber and Asbestos Works .....March 20, 1924
March 31, 1924—LOT 36, BLK. 8, Lakesnore Highlands Tract, Oakland. L. M. Baird to whom it may concern .....March 31, 1924.
March 31, 1924—835 BROKLYN AVE., Oakland. L. C. Fish to whom it may concern .....March 26, 1942
March 31, 1924—SW BLAKE AND Mathew Sts., Berkeley. Marian McArthur to whom it may concern .....March 29, 1924
March 31, 1924—3930 VAILE AVE., Oakland. Geo. Stocking to whom it may concern ....March 24, 1924
March 31, 1924 — 2630 MAXWELL Ave., Oakland. A. M. Mortensen to whom it may concern.March 31, 1924
April 1, 1924—6000 AND 6008 AVENal Ave., Oakland. T. J. McCord to whom it may concern..Mar. 31, 1924.
April 1, 1924 — 7817 LOCUST ST., Oakland. Frank L. Silber to Paul Louis Kick .....April 1, 1924.
April 1, 1924 — SW GROVE AND 40th Sts., Oakland. F. M. Dunn to McWethy & Greenleaf..Mar. 31, 1924.
April 1, 1924—N 65 FT. OF S 75 FT. lot 11, La Loma Park, Berkeley. Katherine Scott Bishop to J. E. Malstrom ..... Feb. 29, 1924.
April 1, 1924—POR. LOTS 4 AND 5, blk. E, Map of Claremont Tract, in Oakland Tp., Berkeley. Herbert L. and Olive K. Gilkey to Sommarstrom Bros. Co .....Mar. 25, 1924.
April 1, 1924—LOT 5, BLK. 1, THE Wheeler Tract, Berkeley. Nellie G. Spofford to Roy O. Long Co..... .....March 26, 1924.
March 31, 1924—LOT 52 AND SE 12-6 lot 53, blk. B, Weld Tract, Oakland. L. A. and E. Belle Peters to L. A. Peters .....Mar. 25, 1924
April 1, 1924—SE EUCLID AND BUena Vista Aves., Berkeley. A. H. Sanborn to Geo. Wolfenden ....Mar. 29, 1924.
April 1, 1924—LOT 6, MAP OF THE Oakland Prospect Homestead Sub. Mar. 5, 1870, Oakland. Carrie C. and Frank P. King to A. Anderson .....March 22, 1924.
April 1, 1924—1631 FRANCISCO ST., Berkeley. Mary E. Buell to Fred F. Ingram .....Mar. 31, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

March 27, 1924—1117, 1121 AND 1125 Grand St., Alameda. Royal Floor Co vs. W. M. Holton and Ralph H. Smith $754.50
March 27, 1924—LOT 18 BLK. 6, Allendale Tract, Oakland. Frank Roberts vs. W. Cramer .....$137.
March 27, 1924—LOT 16, BLK. 6, Allendale Tract, Oakland. Frank Roberts vs. W. Cramer .....$145.
March 27, 1924—LOTS 1 AND 2, Blk. G, Map of Sub. D of Blks. E, F and G, Mary E. Mortimer's addition to Niles. California Brick Co. vs M. S. Foss and Salvatore and Egezia DeGuilo $220.51
March 27, 1924—BLK. 36 MAP ARDley Heights, Oakland. Oakland Lime & Cement Co. vs. F. A. McCausland and M. E. Reid $131.65
March 27, 1924—THE NORTHERN 100 ft. lot 1 blk. 3, Map of Sub-div. of the W ptn. of Sather's Tract, Oakland. Rhodes-Jamieson Co. vs. H. Stalzenberg and T. Petersen. $102.25
March 27, 1924—LOT 32, MAP OF Ardley Heights, Oakland. Henry Langland vs. M. A. McCausland and M. E. Reid .....$197.
March 27, 1924—LOTS 5 AND 6 AND por. lots 4 and 7, blk. 592, W. L. F. L Boardman's map of Galindo Tract, Oakland. Smith Hardware Co. vs. J. Kann and Solomon Brown $361.99
March 27, 1924—LOT 11 AND E 10 lot 10 and por. lot 12, blk. G, Map of Sub. of Blks. E, F, and G, Mary Mortimer add. to Niles, Niles. P. C. Hensen & Co. vs. M. S Foss, contractor, and Chas. E. and Carol I. Petersen $102.50
March 27, 1924—POR. LOTS 1, 2 and3 blk. G, Map of Sub. of blks. E, F,

and G, Mary A. Mortimer add. to Niles, Niles. P. C. Hansen & Co. vs. M. S. Foss, contractor, and Salvatore and E. DiGuilio $1710.90

March 27, 1924—LOT 90, Calaveras Terrace, Oakland. Eureka Mill & Lumber Co. vs. Realty Subdivision Co., John C. Williams. Frank B. Burns, John Doe and Richard Roe $190.65

March 27, 1924—LOT 71, Calaveras Terrace, Oakland. Eureka Mill & Lumber Co. vs Realty Subdivision Co., John C. Williams, Frank B. Burns, John Doe and Richard Roe ..... $125.

Mar 29, 1924—LOT 17 BLK 18, Map of the Warner Tract, Oakland. W J Taber (as Oakland Roofing Co) vs M P Kitchell and F A McCausland $65

Mar. 29, 1924—LOT 13 BLK 10, Map Broadmoor, San Leandro. W J Taber (as Oakland Roofing Co) vs F A McCausland, Henry E and Albino Pocock $195

Mar. 29, 1924—SE 30 FT. LOT 16 BLK 6, Map Allendale Tract, Brooklyn Tp., Oakland. General Plumbing Co vs Kramer Bros, E C Kramer & Susie Betts $127.40

Mar. 29, 1924—LOT 18 and NW 5 Lot 17 Blk 6 Map Allendale Tract, Brooklyn Tp, Oakland. General Plumbing Co vs Kramer Bros, E C Kramer and Susie Betts.....136.40

Mar. 29, 1924—NE ¼ LOT 1 BLK 3, Snh of NE Ptn Sather Tract, Oakland. Sunset Lumber Co vs H Stolzenberg and Peter Peterson.. .....$163.25

March 28, 1924 — POR. BLK. 148, Higley's Map of Clinton, Oakland. General Mill & Lumber Co. vs. Leo L. Nichols, Eliza and Frank J. Edwards $37.37

March 28, 1924—POR. OF UNNUMBERED por. Map of the Irving Tract No. 2, Oakland. General Mill & Lumber Co. vs. Leo. L. Nichols, and Clarence K. Nichols $109.19

March 28, 1924—LOT 17, BLK. 9, Lakemont, Oakland. General Mill & Lumber Co. vs. Leo L. Nichols and Anna L. Anderson.....$148.23

March 28, 1924—LOT 36, ARDSLEY Heights, a sub. of por. of blk. G and H, Bella Vista Park, Oakland. Archie H. Winchcole vs. Mary E. Reid and F. A. McCausland..$1650.

March 31, 1924—LOT 32, MAP OF Ardley Heights, Oakland. Poorman Lumber Co. vs. S. A. McCausland $718 41

March 31, 1924 — LOT 4, BLK. 6, Brookdale Terrace, Oakland. J. S. Aston vs. C. D. Knolty $833.65

March 31, 1924—824 E 24TH ST., Oakland. Arthur D. Aston vs. Clarence K. Nichols $372.75

March 31, 1924—824 E 24TH ST., Oakland. Frank D. Moller vs. Clarence K. Nichols $155.14

April 2, 1924—POR. LOT 1, BLK. B, 4th Ave. Terrace, Oakland. G. A. Johnson, (General Mill & Lumber Co.), vs. Leo L. and Clarence K. Nichols, 1st doe and 2nd doe....$420.

April 2, 1924—2733 9TH AVE., Oakland. G. A. Johnson (General Mill & Lumber Co.), vs. Leo L. and Clarence K. Nichols, 1st doe and 2nd doe..... $151.54

April 2, 1924—516 APGAR ST., Oakland. Arthur D. Aston, $254; Smith Hardware Co., $23.37; vs. Claire K. Nichols. .....

April 2, 1924—830 E-24TH ST., Oakland. Arthur D. Aston vs. Claire K. Nichols $358 80

April 1, 1924—LOT 10, MAP OF Fremont Tract, Oakland. Thomas Knipe vs. John and Elizabeth Knipe ..... $508.

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

March 28, 1924—LOT 3 BLK B MAP of Orland Hgts., Oakland. B. F. Davis and Elmer E. Nichols to Frank & Esther Bothelo .....$190.

March 26, 1924—LOT 7, BLK. D, J. E. McElrath Tract, Oakland. J. E. Lanches to Elizabeth J. Barbee $34.60

March 27, 1924 — NW BERKELEY Way and Oxford St., Berkeley. The Oak. Paving Co. to Jane McKeown $1078 39

April 1, 1924—REG. ON SE LINE Sunnyside Dr. 683 NE from intersection with NE line E 14th St. along Sunnyside Dr. 40, SE 179-74, SW 40, NW 179-77 to beg., San Leandro. Jess A. Leile to Henry R. Vail $160.16

Notice of Non-Responsibility

ALAMEDA COUNTY

April 1, 1924—LOT 14, BLK. 3 Berkeley Square, on Arlington Ave., Berkeley. Wm. F. and Leila E. Klessig as to improvements on property ..... Mar. 31, 1924.

OAKLAND BUILDING TOTALS FOR MARCH, 1924

Classification of Bldgs.	No. of Permits	Cost
1-st dwelling.....	367	$1,145,339
1-st 2-family dwellings	6	27,850
1-st dwelling & store..	2	8,000
1½-st dwellings.....	6	26,900
2-st dwellings.....	23	166,292
2-st flats.....	8	63,400
2-st flats & stores.....	1	6,000
2-st apartments.....	22	375,824
2-st apmnts. & stores..	3	40,228
3-st apartments.....	1	38,000
1-st stores.....	11	34,150
1-st office.....	6	3,950
1-st foundry.....	2	50,000
1-st church.....	1	13,860
1-st engine house.....	1	15,970
1-st shop.....	1	2,000
1-st stores & offices...	1	20,000
2-st shed.....	1	4,500
1-st brick stores.....	3	41,600
1-st brick garage.....	3	2,550
Brick addition.....	2	4,456
1-st brick & concrete terminal station...	1	100,000
1-st brk & conc factory	1	20,000
1-st brick & tile shop..	1	8,375
3-st brk&tile apmnts..	1	50,000
1-st concrete garage...	7	43,424
1-st conc theatre&strs	1	45,000
1-st concrete stores...	1	20,000
2-st concrete bank.....	1	20,000
2-st conc sub-station..	2	110,000
3-st concrete stores....	1	24,800
1-st tile laundry.....	1	6,500
1-st tile stable.....	1	2,300
1-st tile addition.....	1	700
1-st tile garage.....	1	900
1-st steel service stn...	2	1,150
1-st garages & sheds..	369	79,069
Tank frame.....	1	285
Electric signs.....	62	18,468
Billboards	131	1,094
Roof signs.....	4	6,600
Asphalt plant.....	1	3,000
Wharf & slip.....	1	12,000
Additions	120	85,144
Alterations & repairs..	202	146,738
Total	1386	$2,896,416

BUILDING CONTRACTS

SANTA CLARA COUNTY

STORE, ETC.
W MARKET ST., bet. Auzerais Ave. and San Carlos St., San Jose. All work for one-story reinforced concrete and frame store and garage.
Owner—Sam Martin, 180 S-Market St., San Jose.
Architect—Charles S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—R. L. Jorgensen and C. W. Cook, 193 N-5th St., San Jose.
Filed Mar. 25, '24 Dated Mar. 24, '24.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $15,768
Bond, $8000. Sureties, Chas. A. Payne and Otto E. Schnabel. Limit, 90 days from March 25, 1924. Forfeit, none. Plans and specifications filed.

DWELLING
ON MONTEREY ROAD, San Jose. All work except excavation for one-story frame dwelling.
Owner—Joe and Julia Cecchi.
Architect—None.
Contractor—Vincent Maggio, 1230 Sherman St., San Jose.
Filed Mar. 25, '24. Dated Mar. 15, '24.
Frame up $770
1st coat plaster on..... 770
Mill work on..... 770
Dwelling completed 770
Usual 35 days..... 770
TOTAL COST, $3850
Bond, $1920. Sureties, S. De Cola and E. B. Weldon. Limit, 90 days from date of contract. Forfeit, none. Plans and specifications filed.

BUILDING
NE PLEASANT AND DEVINE STS., San Jose. All work for building.
Owner—Cesare Matta.
Architect—None.
Contractor—Charles Ricca, 271 San Augustine St., San Jose.
Filed Mar. 27, '24. Dated Mar. 26, '24.
Four equal payments as follows:
Frame up .....
Brown coat plaster on.....
Building completed .....
Usual 35 days.....
TOTAL COST, $8000
Bond, none. Limit, 120 working days from March 27, 1924. Forfeit, none. Plans and specifications filed.

DWELLING
W FOURTEENTH ST, bet. William and Reed Sts., San Jose. All work gor two-story frame dwelling and one-story garage.
Owner — Dorothea Lee, Twohy Bldg., San Jose.
Architect—Warren Skillings, 515 Garden City Bank Bldg., San Jose.
Contractor—Clay Verne Brown, 521 N-16th St., San Jose.
Filed Mar. 26, '24. Dated Mar. 25, '24.
Frame up and enclosed.....$1912.50
Plastering completed..... 1912.50
Completed and accepted..... 1912.50
Usual 35 days..... 1912.50
TOTAL COST, $7650.00
Bond, $3825. Surety, Clay Verne Brown Limit, 93 working days from Mar. 25, 1924. Forfeit, none. Plans and specifications filed.

DWELLING
LOT 12 BLK 1, Hanchett Park Resident Tract, San Jose. All work for one-story five-room dwelling and garage.
Owner—C. W. and A. Olga Empey, 269 Park Ave, San Jose.
Architect—None.
Contractor—Leonard B. Stenerson and Robert Snider, 3 Mayellen St., San Jose.
Filed Mar. 29, '24. Dated Mar. 10, '24.
Dwelling entirely enclosed..$941.25
Plastered complete 941.25
Dwelling & garage finished.. 941.25
Usual 35 days..... 941.25
TOTAL COST, $3765.00
Bond, $1882.50. Surteies, Walton Hall, Growers Lumber Co and W. Duckgeischel Limit, forfeit, none. Plans and specifications filed.

COTTAGE, 3-room, $1000; 21st near Beach, San Jose; owner. R. C. Mackey.

ALTERATIONS, $1000; 645 N 17, San Jose; owner, B. S. Bassett, 651 N 17th St., San Jose.

ALTERATIONS, $1400; San Carlos nr. First, San Jose; owner, M. Lula, 1st and San Carlos, San Jose; contractor, Morrison Bos.

COTTAGE, 5-room, $1950; Autumn Court, San Jose; owner, T. Hersback, Bank of San Jose Bldg., San Jose.

COTTAGE, 6-room, $5900; 16th and San Salvador, San Jose; owner, Wm M. Lewis.

ALTERATIONS, $1950; 45 N Fifth, San Jose; owner, R. L. Jorgensen, 36 S-10th, San Jose.

COM. GARAGE BLDG., $16,000; Market near San Carlos, San Jose; owner, S. Martin, 180 S Market, San Jose; architect, Chas. McKenzie, Bank of San Jose Bldg., San Jose; contractor, Jorgensen & Cook.

BUNGALOW COURT, $20,000; 7th nr. Reed, San Jose; owner, V. L. Bemis architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, McErary & Sharpe.

ADDITION, $1800; No. 817 S-Ninth St., San Jose; owner, Mrs. C. M. Richter; contractor, H. A. Bridges, Pine and Lincoln Sts., San Jose.

ALTERATIONS, $3000; San Fernando St. near Third, San Jose; owner, Leo Archer, 1st National Bk. Bldg. San Jose; contractor, J. C. Thorpe, 750 S-8th St., San Jose

COTTAGE, 5-room, $1000; Vine St. near Floyd, San Jose; owner, T. Orlando 1252 Vine St., San Jose.

RESIDENCE, 7-room, $7650; Fourteenth St. near Reed, San Jose; owner, Dr. Dorothea Lee, Twohy Bldg., San Jose; architect, W. G. Skillings, Garden City Bank Bldg., San Jose; contractor, C. V. Brown, 521 N-16th St., San Jose.

COTTAGE, 5-room, $4000; Sixteenth St. ner Empire St., San Jose; owner, A. B. Oswald; contractor, H. G. Happy, 369 W-San Carlos St., San Jose.

COTTAGE, 5-room, $2765; Clayton St. near San Pedro St., San Jose; owner, Wade Kerens; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, A. Anderson, 152 N-Third St., San Jose.

ROOMING house, 2-story, $7950; Pleasant and Devine Sts., San Jose; owner, C. Matta; contractor, Chas. Ricca, 271 San Augustine St., San Jose.

COTTAGE, 6-room, $5000; Clayton St. near San Pedro. San Jose; owner, F. Stuggibenetti.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted

Mar. 31, 1924—SBDVN 23 AND 24 Blk 49, Palo Alto A E Montieth to Mar. 28 may concern..Mar. 28, 1924

April 1, 1924—OT 4 BK 27, Chapman & Davis Tract, San Jose. G V Raesfeld to whom it may concern .....March 31, 1924

April 1, 1924—LOT 4 BLK 3, Alameda Park, San Jose. Clyde Alexander to whom it may concern.... .....March 31, 1924

April 1, 1924—W 100 LOT 1 BLK 112 Crescent Park, Palo Alto. G G Bertsche and B A Briggs to whom it may concern.....Mar. 26, 1924

April 1, 1924—LOT 2 K 111, Crescent Park, Palo Alto. Palo Alto Land Co to G G Bertsche and B H Briggs.....March 26, 1924

April 1, 1924—COLERIDGE AVE, bet Bryant and Emerson Sts., South Palo Alto. Dr James T Sharp to The Minton Co.....Mar. 26, 1924

Mar. 31, 1924—LOT 12 BLK 10, Seale Addition 2, San Jose. Sarah C Petre to whom it may concern.... .....Feb. 26, 1924

Mar. 31, 1924—S 60 FT. OF 12 Cherryhurst Tract No. 2, San Jose. Thos Berger to whom it may concern... .....March 28, 1924

March 27, 1924—BEING PT OF LOTS 21, 22 Blk 4 Divine Survey 1. Ursual Burgess to whom it may concern .....March 27, 1924

March 27, 1924—NORTHERLY 45 FT 10-in. of 21/4 Divine Survey. Ursula Burgess to whom it may concern .....March 27, 1924

March 28, 1924—PORTION OF LOT 4 Block 90 University Park, Palo Alto. Robert G. Reynolds to whom it may concern .....Mar. 26, 1924

March 28, 1924—NO. 930 FOREST Ave. 150 ft NE from Seneca St. NE 1000 ft x 150 ft, Palo Alto. Otto A. Wideman to H. L. Upham..... .....March 26, 1924

March 29, 1924—NE MAIN ST 117.33 ft SE Palo Alto Ave. SE 37 NE 100 NW 60 SW 100 to Main St. and beg. Twn Mayfield. I. A. Kelsey to whom it may concern..Mar. 20, 1924

March 29, 1924—LOT 7 BLK 11 E San Johe Hmstd Assn. Leslie C. Davis and Jenette I. Davis to whom it may concern .....Marchh 19, 1924

Mar. 27, 1924—NO. 109 N-TWENTY-fourth St., San Jose. T O and Evelyn Ennis to whom it may concern.....March 27, 1924

Mar. 27, 1924—LOT 10 BLK 3, Mt. Hamilton View Park, original Sullivan Tract, San Jose. Bert Gamble to whom it may concern..... .....March 27, 1924

Mar. 27, 1924—594 FT. X 733.333 FT. 1 Acre part of Lot 7 of Highway Acres, original Miller & Lux lands. M Rose to whom it may concern. .....Feb. 1, 1924

Mar. 27, 1924—B 53 FT 80 FT. SE from intersection of S San Augustine St and E S. P. r of w NE 60 x80, San Jose. Pacific Gas & Elec Co to Montague Pipe & Steel Co... .....March 20, 1924

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount

March 28, 1924—LOTS 4 & 5 BLOCK 1 Town San Martin. Sterling Lumber Co. vs E. A. Stainton.....$315

March 29, 1924—CONTAINING 10.35 acres on Grant road also lot 17 Bergin Ranch cont. 29.86 acres. John Domingo vs Margaret L. Van Sandt $536

Mar. 26, 1924—LOTS 1 AND 2, 16 TO 22, inclusive, Vostroosky Sbdvn 1, San Jose. Anthony G Schutte to Blanche Baird.....$33.17

Mar. 27, 1924—PTN BLK 3, N Range 3 W, Town of Santa Clara Sunset Lumber Co vs Joe Faria, Antonio Paso, Jose Cardona Rodrigues & Frances Garcia Rodrigues $1033.05

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount

Mar 31, 1924—N CLAY 251 W Jackson St. W on Clay 73 E land of Dougherty, Town of Santa Clara. Sunset Lumber Co to Joe Faria and Anna Vierra $65.30

Mar. 31, 1924—PTN BLK 3, N Range 3 W, Town of Santa Clara. Sunset Lumber Co to Jose Cardano Rodrigues & Frances Garcia Rodrigues ....$103..35

March 28, 1924—LOT 16 BLOCK 4 Herbst Trace. Sunset Lumber Co to Manuel R. Gardin $67

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW
LOT 4 BLK 32, Lyon & Hoag Sub, Burlingame. All work for bungalow.
Owner—Archibald and Agness Hamilton, 807 Bayswater St., Burlingame.
Architect—None.
Contractor — Morris Sorensen, 16 Dwight St., Burlingame.
Filed Mar. 21, '24. Dated Mar. 19, '24.
Roof on $800
Brown coated 800
Completed 950
Usual 35 days..... 650
TOTAL COST, $3180
Bond, none. Limit, 75 working days. Forfeit, none. Plans and specifications filed.

SCHOOL BLDGS
COLMA General contract for one and two-story concrete school buildings.
Owner—Jefferson Union High School.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Sampel & Cody, Call Bldg., San Francisco.
Filed Mar. 25, '24. Dated Mar. 24, '24.
Progressive payments of%.... 75
Usual 35 days..... 25%
TOTAL COST, $117,800
Two bonds, $58,900 each. Surety, American Indemnity Co. Limit, 150 working days. Forfeit, none. Plans and specifications filed.

PLUMBING ON ABOVE
Contractor — Frederick W. Snook & Co., 596 Clay St., San Francisco.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Filed Mar. 25, '24. Dated Mar. 22, '24.
Payments same as above.....
TOTAL COST, $8306
Two bonds, $4153 each. Surety, Globe Indemnity Co. Limit, 150 working days. Forfeit, none. Plans and specifications filed.

MAUSOLEUM
PLOT L SEC 1 LOT y, Home of Peace Cemetery. Furnish and place McMullen Gray Tennessee marble for Mausoleum.
Owner—Estate Morris Hyman, Decd.
Architect—Samuel L. Hyman and A. Appleton, 68 Post St., S. F.
Contractor — J. E. Back & Co., 1533 San Bruno Ave., San Francisco.
Filed Mar. 25, '24. Dated Mar. 14, '24.
1/3 completed $399
2/3 completed 399
Completed 399
Usual 35 days..... 398
TOTAL COST, $1595
Bond, none. Limit, on or before June 21, 1924. Forfeit, none. Specifications only filed.

STORE BLDG.
LOT 4, Taylor Addition to San Mateo. All work for one-story concrete store building
Owner—G. Maltugliati, 229 B St., San Mateo.
Architect—Alfred Kuhn and Thos. M. Edwards, 833 Market St., S. F.
Contractor—L. Dioguardi, Dumbarton, Redwood City.
Filed Mar. 24, '24. Dated Mar. 13, '24.
Walls poured $3540
Plastered 3540
Completed 3540
Usual 35 days..... 3540
TOTAL COST, $14,160
Bond, $7080. Surety, Hartford Accident & Indemnity Co. Limit, 90 working days. Forfeit, $10. Plans and specifications filed.

DWELLING
LOT 25 BLK 30, San Bruno Third Addition. All work for four-room dwelling.
Owner—Mrs. K. A. Whiteside.
Architect—None.
Contractor—F. C. Grisez, Taylor St., San Bruno.
Filed Mar. 27, '24. Dated Mar. 22, '24.
Frame up $850
Brown coated 850
Completed 850
Usual 35 days..... 850
TOTAL COST, $3400
Bond, none. Limit, June 15, 1924. Forfeit, plans and specifications, none.

BUNGALOW
LOT 2 BLK 8, High School Park Addition, South San Francisco. All work for bungalow.
Owner — Harry J. and Josephine M. Clarke, South San Francisco.
Architect—None.
Contractor—Crescent Bldg. Co.
Filed Mar. 27, '24 Dated Mar. 20, '24.
Dated and signed.....$ 800
Frame up 635
Brown coated 1435
Completed 1435
Usual 35 days..... 1437
TOTAL COST, $5742
Bond, $2871. Sureties, Chas. Guidi and F. A. Cunningham. Limit, 90 workings days. Forfeit, none. Plans and specifications filed.

LOTS 5 & 7 BLK 17 REDWOOD HIGHlands, Redwood City. Carpenter work for 2-story apartment house.
Owner—Marie & Henry Jansing.
Architect—Louis N. Pollard, 55 Brewster St., Redwood City.
Filed Mar. 28, 1924. Dated Mar. 26, 1924.
Framed 8250
Brown coated 8250
Completed and accepted 8250
Usual 35 days 8250
TOTAL COST, $3300
Bond. Forfeit, none; Limit, 100 working days; Plans and specifications filed

BUNGALOW
LOT 7 BLK 19 REDWOOD HIGHlands, Redwood City. All work for stucco bungalow.
Owner—J. C. Griffin, 333 3rd Ave., San Francisco.
Architect—None.
Contractor—Louis N. Pollard, 55 Brewster St., Redwood City.
Filed Mar. 28, 1924. Dated Mar. 12, 1924.
Framed $1125
Brown coated 1125

Completed and accepted 1125
Usual 35 days 1125
TOTAL COST. $4500

Bond, Forfeit, Limit, none; Plans and specifications filed.

COMPLETION NOTICES

SAN MATEO COUUTY

March 31. 1924—LOT 15 BLK 9 BURlingame Terrace, John E. Byrne to whom it may concern..Mar. 28, 1924
March 31. 1924—LOT 47 BLK 9 Crocker Sub No. I, Horace Fellows to whom it may concern.Mar. 29, '24
March 31, 1924—PART LOT 11 & 12 Blk 3 Range C Redwood City, H. W. Schaheig to Joseph Schneider .....March 29, 1924
April 1, 1924—LOT 24 BLK 42 Easton No. 3, Burlingame. A. D. Sees to Roy Allen .....March 20, 1924
April 1, 1924—LOT 26 BLK 44 Easton No. 3. Anna E. Coyle to A. E. Olund .....March 31, 1924
April 1, 1924—LOT 5 BLK 18 Easton No. 2, Burlingame. H. J. Hughes to whom it may concern...Mar. 25, 1924
April 1, 1924—S 6 LOT 269 SAN MAteo Park No. 3. San Mateo. James James to whom it may concern.....March 31, 1924
Mar. 27, 1924—LOTS 1 AND 2 BLK 5 Burlingame Park No. 3, Hillsborough. Andrew S and Mary C Lomand to Leonard Dioguardi.... .....Mar. 20, 1924
Mar. 27, 1924—LOT 7 BLK 23, Sub of Blks 22 and 24, Burlingame. Harry and Fanny M Foriches to T C Farris Jr.....Mar. 25, 1924

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
April 2, 1924—PART LOT 9 BLK F Hoag & Sousdale Sub, Menlo Park. Carl E. Strom vs Mrs. Emma J. Stribling $92.97
Mar. 26. 1924—METAL THEMIT COR Ppty, South San Francisco. Johns Manville Inc. of Calif vs Metal & Themit Corporation and Coast Constr Co.....$11,468.11

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Accented
April 1, 1924—SOUTH SAN FRANcisco, Johns-Manville Inc. of Cal. to Metal Themitt Corp. & Couss Construction Co. $7877.37

BUILDING CONTRACTS

FRESNO COUNTY

DWELLING, $7000; No. 817 Ferris Ave. Fresno; owner, E. Giometti; contractor, Fisher & McNulty, Mattei Bldg., Fresno.
DWELLING, $1200; No. 1136 Pottle St., Fresno; owner, Lavine Donito; contractor, L. Russo.
ADDITIONS and alterations, $1500; On Van Ness Ave., Fresno; owner, Hotel Sequoia; contractor, Federal Electric Co.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accented
March 28, 1924—LOTS 1, 2, NISHkian Trace, Fresno. W H Esworthy to whom it may concern..Mar. 27, '24
Mar. 25, 1924—PTN LOT 2, Sierra Vista Tract, Fresno. Harry M Smith to whom it may concern.... .....Mar. 25, 1924
April 1, 1924—LOTS 27 AND 28 BLK 3, New High School Add., Fresno. Mary P Davis to whom it may concern.....Mar. 31, 1924
April 1, 1924—N 38.5 FT. OF S 225.5 ft. Lot 5 Blk 33, Sierra Vista Add No .5, Fresno. Jas A Wathen to whom it may concern..Mar. 27, 1924
March 29, 1924—LOT 146 FORKNER G F-G Sub. No. 1, Fresno. G. W. Black to K. O. Kesler Co..... .....March 27, 1924
March 29, 1924—LOT 3 BELMONT Villa Tract, Fresno. L. M. Gillham to whom it may concern..... .....February 1, 1924
March 29. 1924—LOTS 35, 36 BLK 3 Avalon Addition, Fresno. Modern Home Bldgs. to whom it may concern .....March 28, 1924
March 29, 1924—LOTS 27 TO 32 BLK 29, Fresno. A. G. Mar to Fisher & McNulty .....March 24, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
April 1, 1924—LOTS 49 TO 60 SW ¼ of Sec. 30, 19-16, Fresno. Elmer Honsal vs D Jordan et al and East Coalinga Oil F Corpn.....$2928
Aphil 1, 1924—Same. John Garrett vs Same $2103
March 28, 1924—LOTS 19, 20 BLK 1, Echo Tract, Fresno. B. A. Goodenough vs Frank J. and Mary T. Waterman $50
March 29, 1924—LOT 7, GARDEN Villa Tract. Routt Lumber Co. vs O. P. McAllister $49
Mar. 25, 1924—LOTS 19 AND 20 BLK 1, Echo Tract, Fresno. E H Coffman vs Frank and Mary T Waterman $50
Mar. 25, 1924—LOTS 19 AND 20 BLK 1, Echo Tract, Fresno. J D Halstead Lumber Co vs Mary A Waterman and L T Loux $1346
Mar. 25, 1924—LOTS 19 AND 20 BLK 1, Echo Tract, Fresno. California Pottery Co vs Mary A Waterman and L T Loux.....$194
Mar. 26. 1924—LOTS 19 AND 20 BLK 1, Echo Tract, Fresno. J L Jones Electric Works vs F J and Mary T Waterman $85
Mar. 27, 1924—LOT 2 BLK 5, Cedar Park, Fresno. Z J Montague vs Martin Soligian and P A Wolff..$158
Mar. 27, 1924—LOT 2 BLK 5, Cedar Park, Fresno. Routt Lumber Co vs Margaret T and P A Wolff..$455
Mar. 27. 1924—S ½ SEC. 26, 12-24, Fresno. Routt Lmbr Co vs Katherine and J E Reilly $345

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $3000; W-Eighth St., bet. Lucas and Lincoln Sts., Richmond; owner, A. H. Hooper, Turlock, Calif.; contractor, J. P. Tyhudst, 573 9th St., Richmond.
DWELLING, one-story frame, $3000; S Critchet St., bet. Hensley and Factory Sts., Richmond; owner, L. Polese, R. F. D. No. 357, Richmond
DWELLING, one-story frame, $4200; W Tenth St, bet. Ripley and Pennsylvania Sts., Richmond; owner, E. E. Schafer, Cor. 4th & Macdonald St., Richmond; contractor, L. B. Roberson, 338 20th St., Richmond.
DWELLING and garage, $3900; No. 1059 Wilson Way, Stockton; owner, M. A. Yost.
REMODELING store, $1500; No. 338 E-Market St., Stockton; owner, Masonic Temple Association

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

BUILDING
LOT 479 W. & K. Tract No 19, Sacramento. All work for building.
Owner—Albert Zangerle.
Architect—None.
Contractor—Wm. V. Whitsell, 2900 C St., Sacramento.
Filed Mar. 20, '24. Dated Mar. 19, '24.
TOTAL COST, $4100
Bond, limit, forfeit, none. Plans and specifications, none.

BUILDING
LOT 1830 W. & K. TRACT 24, except S 10 feet, Sacramento. Building.
Owner—Nellie S. Hughes.
Architect—None.
Contractor—J. A. Saunders, 2810 1 St., Sacramento.
Filed Mar. 26, '24. Dated Mar. 19, '24
TOTAL COST, $11,170
Bond, limit, firfeit, plans and specifications, none.

HOTEL
NW COR. TWELFTH & L STS., Sacramento. Tile work for hotel bldg.
Owner—Hotel Senator Corp., Nicolaus Bldg., Sacramento.
Architect—None.
Contractor—P. Grassi, 1945 San Bruno Ave., San Francisco.
Filed Mar. 24, '24. Dated Mar. 18, '24.
TOTAL COST, $56,600
Bond, limit forfeit, plans and specifications, none.

THREE ORION ELEVATOR CABS on a bove.
Contractor—Hollenbeck Bush Planing Mill Co.
Filed Mar. 24, '24. Dated Feb. 15, '24.
TOTAL COST, $822
Bond, limit forfeit, plans and specifications, none.

BRONZE FIREPLACE SCREEN ON above.
Contractor—Peerless Ornamental Iron Bronze Co., 1528 Folsom St., San Frencisco.
Filed Mar. 25, '24. Dated Mar. 20, '24.
TOTAL COST, $820
Bond, limit forfeit, plans and specifications, none.

S ¾ LOTS 6, 7 & 8 Q-R-10-11. Sacramento. Steam heating.
Owner—W. P. Fuller, 1016 2nd St., Sacramento.
Architect—None.
Contractor—Luppen & Hawley, 906 7th St., Sacramento.
Filed April 1, 1924. Dated Mar. 28, 1924. Payments not given.
TOTAL COST, $6984.25
Bond, Forfeit, Limit, Plans and specifications, none.

SIXTEENTH AND B STREETS, Sacramento. All work for construction of subway.
Owner—So. Pac. Co., 8th and K Sts., Sacramento.
Filed April 1, 1924. Dated Jan. 25, 1924. Payments not given.
TOTAL COST, $5000
Bond. Forfeit, Limit, Plans and specifications, none.

DWELLING, 1-story 5-room and garage, $4800; 2680 6th Ave., Sacramento; owner, J. C. Carly Co., 813 J, Sacramento; contractor, W. E. Truesdale, 2116 H, Sacramento.
RAISE BLDG. and install 3 stores, $3500; owner, R. W. Cole, 2714 6th Ave., Sacramento; contractor, W. E. Truesdale.
DWELLING, 1-story 5-room and garage, $—; 1048 35th, Sacramento; Owner, Sam Mezzanares, 1919 O, Sacramento.
DWELLING, one-story 5-room and garage, $2800; No. 517 41st St., Sacramento; owner, F. P. and A. W. Fonts, 510 42nd St., Sacramento.
DWELLING one-story 6-room and garage, $5000; No. 821 Santa Ynez Way, Sacramento; owner, E. A. Steigler, 1014 H St., Sacramento; contractor, J. T. Ransdall, 1055 41st St., Sacramento.
DWELLING, one-story, $3500; Location not given; owner, Mrs. Carrie Higgins, 2527 O St., Sacramento; contractor, P. R. Opdyke.
DWELLING, one-story 5-room and garage, $2500; No. 1448 48th St., Sacramento; owner, Pauline Meili, 1462 48th St., Sacramento.
DWELLING, one-story 5-room and garage, $2500; No. 157 51st St., Sacramento; owner, M. Belluomini, 1173 51st St., Sacramento.
DWELLING, one-story 5-room and garage, $3900; No. 2456 Donner Way, Sacramento; owner, J. H. Bell, 656 42nd St., Sacramento;
DWELLING, one-story 5-room and garage, $3900; No. 2500 Donner Way, Sacramento; owner, J. H. Hill.
DWELLING, one-story 4-room and garage, $2500; No. 320 30th St., Sacramento; owner, H. G. Birdsall, 1503 13th St., Sacramento.
DWELLING, one-story 5-room and garage, $2800; No. 3600 Donner Way, Sacramento; owner, H. G. Birdsall.
DWELLING, one-story 5-room and garage, $2500; No. 2310 32nd St., Sacramento; owner, Coyle & Birdsall
DWELLING, one-story 5-room and garage, $2500; No. 3156 W St., Sacramento; owner, Coyle & Birdsall.

DWELLING, one-story 5-room and garage, $2500; No. 3148 W St., Sacramento; owner, Coyle & Birdsall.

DWELLING, one-story 5-room and garage, $2500; No. 2320 32nd St., Sacramento; owner, Coyle & Birdsall.

DWELLING, one-story 6-room, $3500; No. 2709 T St., Sacramento; owner, Roko Rokish, 2966 La Solidad Way, Sacramento; contractor, J. T. Hunt, 3781 6th Ave., Sacramento.

PUBLIC warehouse and garage, one-story, $9000 ;No. 2112 K St. Sacramento; owner, C. H. S. Bidwell, Cap. National Bank Bldg., Sacto.

DWELLING, one-story 5-room and garage, $4000; No. 1540 37th St., Sacramento; owner, A. Zangerle, 2720 M St., Sacramento; contractor, W. V. Whitsell, Fair Oaks.

DWELLING two-story 6-room and garage, $7000; No. 1300 38th St., Sacramento; owner, Mr. Hazelwood, 2930 N St., Sacramento; contractor, W. V. Whitsell.

DWELLING, one-story 5-room, $2000; No. 1548 48th St., Sacramento; owner, A. Luksich

DWELLING, one-story 5-room and garage, $4800; No 648 37th St., Sacramento; owner, P. L. Baker, 1608 F St., Sacramento; contractor, G. E. Harvie, 2212 T St., Sacramento.

DWELLING, one-story 5-room and garage, $4500; No. 1331 43rd St., Sacramento; owner, F. C. Harvey, 1133 39th St., Sacramento.

DWELLING, 2-story 10-room and garage, $8700; No. 1240 38th St., Sacramento; owner, Fred Yoerk, 1030 K St., Sacramento; contractor, W. R. Saunders.

DWELLING, one-story 5-room and garage, $3500; No. 2213 D St., Sacramento; owner, Fritz Kaminsky, 8th and P Sts., Sacramento; contractor, F. Lopes, 1825 3rd St., Sacramento.

DWELLING, one-story 5-room and garage, $4000; No. 616 San Miguel Way, Sacramento; owner, May S. Johnson, 2727 37th St., Sacramento contractor, E. G. Johnson, 2727 37th St., Sacramento.

BUSINESS building, one-story, $3000; No. 3216 23rd St., Sacramento; owner, W. T. Foster, 3400 4th Ave., Sacramento

DWELLING, one-story 6-room and garage, $3500; No. 1044 36th St., Sacramento; owner, Carl Koch.

DWELLING, one-story 5-room and garage, $3000; No. 3057 4th Ave., Sacramento; owner, H. Willis, 3009 U St., Sacramento.

DWELLING, one-story 5-room and garage, $3000; No. 848 38th St., Sacramento; owner, Carl Estey, 2624 E St., Sacramento.

DWELLING, on-story 5-room and garage, $5600; No. 2632 3rd Ave., Sacramento; owner, J. C. Reid, 1008 8th St., Sacramento.

DWELLING, one-story 4-room and garage, $2750; No. 5032 2nd Ave., Sacramento; owner, L Lerch, 911 K St., Sacramento.

DWELLING, one-story 6-room and garage, $6000; No. 1033 41st St., Sacramento; owner, Al O. Reichert, 2830 U St., Sacramento; contractor, L. F. Gould, 1623 O St., Sacto.

DWELLING and garage, $2800; 3200 Marshall Way, Sacramento; owner, A. J. Holmberg 3208 Marshall Way Sacramento

DWELLING 2-story 2 flats (4 rooms each) and 4 stall garage, $4000; 920 O, Sacramento; owner, John Azvedo, 829 P, Sacramento; contractor, M. A. Fratis, 1728 S, Sacramento.

DWELLING, 1-story 5-room and garage, $3200; 2967 39th ,Sacramento; owner, E. L. & C. F. Boyle, 2983 39th, Sacramento.

DWELLING, 1-story 6-room and garage, $4500; 1100 35th, Sacramento; owner, Geo. H. Atkinson, 615 26th, Sacramento; contractor, H. M. Earle, 1036 Dolores way, Sacramento.

DWELLING, 1-story 7-room and garage, $4000; 2549 41st, Sacramento; owner, A. S. Loomer, 2541 41st, Sacramento.

DWELLING, 1-story 5-room and garage, $2700; 1525 48th, Sacramento; owner, W. A. Hall, 4327 T, Sacramento.

DWELLING, 1-story 5-room. and garage, $3500; owner, Ben Leonard Co., 815 J, Sacto.; contractor, V. D. Crane, 421 Redwood Ave., Sacramento.

DWELLING, 1-story 5-room, and garage, $3700; 2705 E, Sacramento; owner, Ben Leonard Co.; contractor. S. L. Christie, 500 15th, Sacramento.

DWELLING, 1-story 5-room, and garage, $3900; $3900; 440 32nd, Sacramento; owner, Wm. Benning, 1610 I, Sacramento; contractor, S. L. Christie.

DWELLING, 1-story 5-room, and garage, $3000; 2409 18th, Sacramento; owner, W. S. Fairbanks, 1730 10th St., Sacramento; contractor, R. L. Hathaway, Rte. 4 Box 1116, Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted

March 29, 1924—FRONT AND S STS., Sacramento. Pac. Gas & Elec. Co. to whom it may concern. Mar. 22, '24

March 29, 1924—POR. LOT 6 McINtyre Tract, exc N 40 ft & S 40 ft Sacramento. LeRoy J. Miller to whom it may concern....Mar. 7, 1924

LIENS FILED

SACHAMENTO COUNTY

Recorded Amount

Mar. 26, 1924—LOT 32 Hillside Terrace, Sacramento. Sunset Lumber Co vs William Combellach...$194.05

Mar. 26, 1924—LOT 10 BLK 3, Woodlake, Sacramento. C C Johnson vs Chas M Mendenhall.....$523.50

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

DWELLING and garage, $6000; No. 804 Yale St., Stockton; owner, W. J. Scott, 36 N-Sutter St., Stockton.

DWELLING and garage, $3500; 230 East Hampton, Stockton; owner, Earl Hammett.

RESIDENCE and garage, $5500; No. 1228 W-Rose St., Stockton; owner, I L. Van Vleat.

SERVICE station, hollow tile, $3000; SW Barrett and San Pablo Sts., Richmond; owner, C. A. Carling, El Cerrito.

DWELLING, one-story frame, $4000; W 36th St., bet. Garvin and Esmond; owner, Dolfe Bros., 504 Barrett St., Richmond.

DWELLING, one-story frame, $4250; SE Clinton and 40th Sts., Richmond; owner, M. Wihtahand, 560 Divisadero St., San Francisco; contractor, Carl Overaa, 2105 Roosevelt St., Richmond.

DWELLING, one-story frame, $2250; S Clinton St., bet. 25th and 26th Sts., Richmond; owner, J. E McKenzie, 198 Santa Rosa Ave., Oakland; contractor, Miller & Worley, 212 S-13th St., Richmond.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted

March 29, '24—WEST PARK SCHOOL Tracy, Calif. Board of Trustees of Tracy Grammar School to Samuel Eyre .....March 24, 1924

March 29, 1924—LOTS 41, 42, 43 AND portions of lots 20, 44, 61 and 62 of Pescadero Colony Unit No. 1. California Irrigated Farms to H. R. Ronk .....March 25, 1924

March 29, 1924—ON THOSE CERtain lots or parcels of land situated in Pescadero Colony Unit No. 1, to-wit: Lots 70, 72, 73, 74, 82, 83 85, 86 and 87 and lots 12, 13, 14, 15 16, 17 and 18, Stockton. California Irrigated Farms to Pereira Brothers .....March 24, 1924

March 29, 1924—ON LOTS 59, 121, 122 Pescadera Colony Unit No. 1. Field known as No. 25 and being that certain lot or parcel of land bounded on the N by Paradise cut, on the W by the S. P. R. W., on the S by Tom Paine Slough and on the E by the state highway. Also approximately 1½ miles of canal constructed in said field No. 25. Also lots 1, 2, 3, 4, 27, 28, 29, 30, 31, 33, 34, 50, 51, 52, 53, 54, 55, 56, 57, 69, and 71 Pescadero County Unit No. 1, Stockton. California Irrigated Farms to G. J. Reid & Sons.....March 15, 124

March 29, 1924—LOT 24 BLK 5 CITY Park Terrace Stockton. Thaddeus E. Williamson to whom it may concern .....March 27, 1924

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount

March 29, 1924—LOT S AND WEST ½ of 10 and 16 Block 246 E of Center, Stockton. San Joaquin Lumber Co vs H E Benguerel.$577.24

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery etc. Send for rates in your territory, advising class of work in which you are interested.

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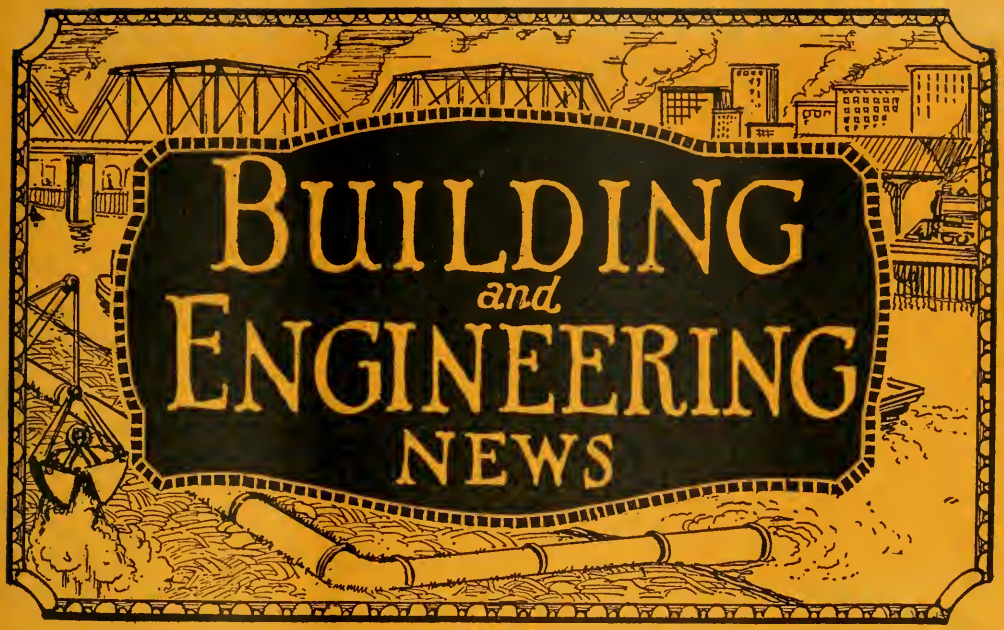
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA



Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., APRIL 12, 1924

Published Every Saturday
Twenty-fourth Year No. 15

Schumacher
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210 American Bank Building

Permanence
Economy

Wall
Warehouses
San Francisco Oakland
San Rafael

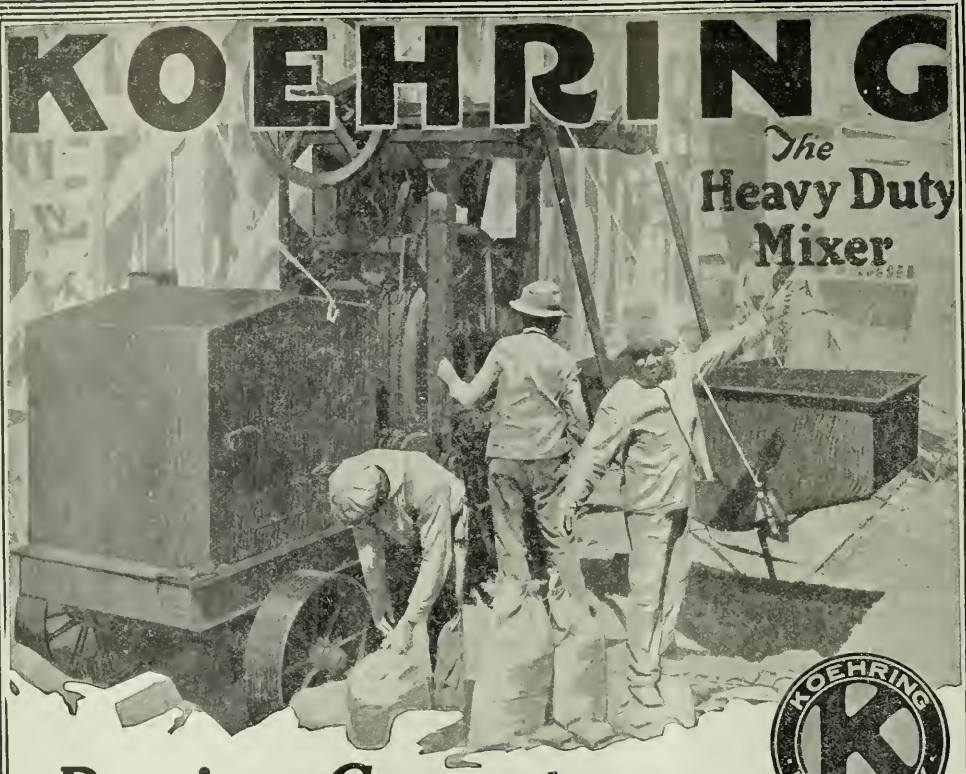
Appearance
Comfort

Board

For Sale by All Lumber and Building Material Dealers

KOEHRING

The **Heavy Duty Mixer**



KOEHRING HEAVY DUTY

Remixes Concrete

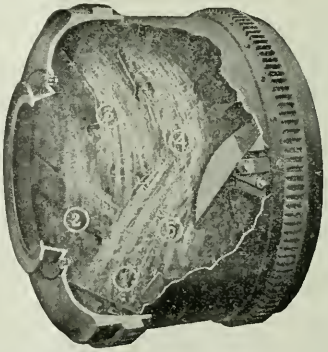
When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON, RICKARD & McCONE CO.

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday | SAN FRANCISCO, CALIF., APRIL 12, 1924 | Twenty-fourth Year No. 15

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SAN FRANCISCO CONTRACTORS WIN TEHAMA BRIDGE SUIT

Superior Judge John F. Ellison of Tehama County has handed down an opinion for the plaintiffs in the suit of P. R. Palmer and Peter Peterson, San Francisco contractors, against Shasta county. The claims, alleged to be due in building the north approach to Anderson bridge, contained numerous items for extra work and damages, totaling $20,069.37. The court decided Shasta County was indebteded to the contractors in the sum of $10,568.04.

The court found the plaintiffs substituted in the plans and specifications three-eights of an inch spacer bars for the half inch bars in the bridge approach, the difference in cost being $150, for which the defendant was entitled to credit.

In deciding the case Judge Ellison had to consider voluminous evidence and much of it a technical nature. The trial nearly a year ago was long drawn out, two or three weeks being consumed in presentation of experts' testimony. Many engineers gave evidence and they were examined and cross-examined exhaustively.

MUNICIPAL POWER OPERATIONS FAIL IN MICHIGAN

Isolated municipal electric light plants are disappearing in Michigan and are being replaced by privately operated interconnected systems which send power from well located large steam plants and remote rivers at low cost.

In 1923 more than a score of these small power units were abandoned in favor of service supplied by the large privately operated companies. Last year Detroit Edison Co. took over four municipally owned and operated stations, in addition to 13 other municipal plants which voted in favor of Edison service in the past few years. Consumers Power took over eight. Three plants which were taken over by the Michigan Gas & Electric Co. prior to 1923 were rehabilitated last year to bring service up to the standard previously established.

The underlying reason for this change is economic. Most of the plants were worn out or their distribution systems had been outgrown. The unusual development in the state has rendered inadequate many municipal plants which were built without sufficient forethought. In many cases the municipality had provided no depreciation or maintenance fund and the original bond issues, wherehy these plants were first financed, were still outstanding in whole or in part. Failure to provide adequately for depreciation and retirement of their bonds was largely the result of not being required to follow any uniform method of accounting.

In practically every instance the change in service called for a public referendum requiring three-fifths vote on two propositions: one to discontinue existing service, the other to ratify a working agreement with the organization which was to supply energy in the future. In most cases the referendum resulted in a large majority voting in favor of change to service by privately operated companies.

CONTRACTORS SUE CITY

The Municipal Improvement Company, Warren Brothers, Standard Oil Company, Daniel Contracting Company and California Corrugated Culvert Company have filed a suit against the trustees of the town of Rio Vista asking for an order of the court determining that the action of the board of trustees in setting aside the assessments against certain property on street work be vacated and that they recover from the defendants the sum of $97,607 alleged to be due.

The complaint is the result of protests against an alleged unusual high assessment against the realty in the town of Rio Vista for street work, the assessment and diagram being set aside after a hearing by many protestants to the board.

RICHMOND BUILDING

Fifty-four building permits aggregating an expenditure of $87,495 were issued by the city of Richmond, during the month of March. The total for the past month shows a gain of $18,325 over those of February of this year. During the month of March 18 residences were erected at a cost of $60,500.

DRAINAGE CLAIMS MAY BE OUTLAWED

That holders of warrants issued by the Sacramento and San Joaquin Drainage District for obligations arising from the Flood Control Project of the State of California face the probability of claims becoming outlawed, is pointed out in a statement issued recently by A. M. Barton, Chief Engineer of the State Reclamation Board.

Under the law, warrants issued by the board mature and outlaw four years after the date of issuance, but upon presentation by the holders thereof within the period of four years, may be renewed for an additional four years from the date of issuance. After maturity, however, under the present provisions of the law, the board is powerless to effect such renewal.

There are approximately $8,500,000 in warrants of the district now outstanding and unpaid, interest thereon accuring at approximately $500,000. Of this amount, its is estimated that approximately $100,000 have matured without renewal with the possibility of many thousands being added to this class within the year.

The dilemma has been pointedly brought to the attention of The Reclamation Board recently by receipt for renewal of warrants amounting to many thousands of dollars which warrants had already expired; and it is urged by the Board that holders of warrants, the date of maturity of which is imminent, should immediately dispatch them to the office of The Reclamation Board at Sacramento for renewal.

Owing to the fact that these warrants have in many cases been assigned by the original payees, the board has no record of the present holders and no means of notifying them of their predicament.

REQUIREMENTS FOR LIME IN SAND LIME BRICK

Lime for use in the manufacture of sand-lime brick must have a purity of about 85 per cent and must have reasonably low magnesia content, according to specifications recently published by the Bureau of Standards of the Department of Commerce. It must also be resonably fresh, as will be indicated by a low carbon dioxide content. Either quicklime or hydrated lime may be purchased, but the former must be completely hydrated before use. Method of analysis are given in the specifications.

These specifications were prepared with the assistance of the Interdepartmental Conference on Chemical Lime, composed of representative s of the Geological Survey, the Bureau of Mines, the Bureau of Soils, Bureau of Chemistry ,Forest Service, Fixed Nitrogen Laboratory, and Chemical Warfare Service. They were unanimously approved by the National Lime Association.

These specifications are given in Circular No. 150 of the Bureau of Standards entitled "Recommended Specifications for Quicklime and Hydrated Lime for use in the Manufacture of Sand-Lime Brick." Copies may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. The price is 5 cents cash.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Supreme Court of California rules that California State Railroad Commission has no authority to order the Southern Pacific, Santa Fe and Salt Lake Railroads to construct a union station at Los Angeles. The court held that the state railroad commission did not have the power to direct the establishment of the union terminal and the incidental realignment of tracks because under the federal interstate commerce laws this was a question which must be submitted to the interstate commerce commission.

New plans of J. B. Strauss, Chcago engineer, for the proposed Golden Gate Strait bridge together with an application to construct, have been forwarded to the War Department for approval. The structure is estimated to cost $20,000,000. It will be of the cantilever type. The bridge would be constructed under an act of the last legislature allowing counties to combine and pool their resources of bond issuance in such a case as this.

A restraining order has been issued against the city of Colfax, its trustees and the contracting firm of Frederickson & Shannon, by the district court of the United States, stopping the work, now in progress, of paving Main street. The Central Pacific Railway Company is the plaintiff, and in its bill of injunction claims that Main street is a part of its right of way granted by act of Congress in 1862.

Statistics on steel production in March, which will be available in a few days, are expected to show an average daily output rate about equal to record level reached last April, when daily output was 157,778 tons, or at a rate of $49,000,000 tons a year. Output for first quarter may be estimated at around 11,600,000 tons, compared with record quarterly output of 11,889,102 in June quarter, 1923, and 11,324,141 in first quarter, 1923.

Considerable interest is being shown in the construction industry in the major subjects selected for discussion at the twelfth annual meeting of the Chamber of Commerce of the United States to be held at Cleveland, May 6 to 8. It is expected that quite a delegation, representing organizations within the industry, will attend the meeting.

Figures on common brick production and shipments during the past month reveal a normal seasonal condition, according to the monthly digest of the Common Brick Manufacturers' Association. There is a slight reduction of burned brick on hand, and orders on the books show a slight decrease.

The oscillating magneto ignition equipment employed on nearly all stationary and portable engines is not controlled by the Kane patent owned by the Webster Electric Company, the Supreme Court held in a case brought against the Splitdorf Electrical Co.

Bloedel-Donovan Lumber Co., Henry Bldg., Seattle, has let a contract for 17 miles of logging railroad on the Olympic peninsula between Clallam Bay and Beaver Bench in Washington state.

Iron Age says: "March made a remarkable record in steel production and it is probable that official figures will show an ingot output equal to that of April, 1923, when the peak for the year was reached with an annual rate of 49,000,000 tons. For two-thirds of last month new business was taken at practically the high rate of February but in the last ten days there was a falling off in daily bookings."

The Southern Pine Association Barometer for last week shows orders received increased 6.5 per cent over the previous week, shipments increased 13.2 per cent and production increased 1.1 per cent. Reports from 141 mills show 74,135,040 feet ordered, 76,203,540 feet shipped and 78,539,329 feet produced. Orders on hand at the end of last week were 269,711,715 feet.

U. S. Civil Service Commission announces examinations will be held May 7 for the positions of Junior Engineer (Civil) and Junior Engineer (structural), positions paying an entrance salary of $1860 a year. Further information obtainable from the main offices of the commission at Washington or from the offices of the commission in the post offices of the principal cities.

North and South Railway Company authorized by Interstate Commerce Commission to construct a $11,000,000 line from Miles City, Mont., to Illco, Wyo., and from Mills to Casper, Wyo., reaching into the Teapot Dome oil section. The commission has authorized the company to acquire any lines now being constructed over the proposed routes.

A verdict sustaining claims of King County, Washington, in a $125,000 damage case against the county by the Hewitt-Lea Lumber Company has been returned in the superior court. The company charged that one of its mills on Mercer slough on Lake Washington here had been rendered useless when opening of the lake Washington ship canal lowered the lake.

Lumber is being used about four times faster than it is being grown, according to United States Senators who are studying the situation with a view to corrective legislation. Some timber authorities say that consumption really is five times faster than production.

Frank P. Doe Lumber Co., capitalized at $50,000, has been incorporated. The principal place of business is San Francisco. Directors are: W. R. Dunn, J. F. Soule, E. A. Brooks, C. A. Needham and H. J. Delk.

The State Immigration and Housing Commission announces that it has prepared a uniform building code for submission to cities of less than 100,000 population, where no such code now functions.

A. Daniels, a former partner in the Franklin Construction Co. of Seattle, is in San Francisco and plans to enter the general contracting business.

Walter B. Roselip, city engineer of San Luis Obispo, has resigned. His successor is yet to be appointed.

TRADE NOTES

Fisher-Nelson Lumber Co. has started operations in Oroville and engage in the manufacture of door and window casings, moulding and like products.

Citizens Lumber Company, capitalized at $150,000, has been incorporated at Kingsburg, Fresno county, with the following directors: Robt. Schoeneman and Frank J. Beckman of Long Beach; Chas. Schaffer of Kingsburg and Virgil G. Schoeneman of Selma. The company will maintain yards and offices at 1600 Marion street, Kingsburg.

The Service Rock Company has been organized at Fresno and will expend $200,000 in the construction of a rock crushing plant at Friant. The contract for plant construction has already been let. Officers of the new concern are: D. Patterson, president; Sigmond Worsmer, vice-president; B. H. Nelson, secretary-treasurer and H. W. Jones, plant manager.

L. C. Moore, foreman of the Spalding Lumber Company at Visalia, has been promoted to manager of the company's yards at Exeter. The change is effective April 10.

The Swiss Timber Co., capitalized at $180,000 with main offices in Portland, Ore., has filed articles of incorporation at Placerville where the company has holdings in the best sugar pine section in El Dorado county.

Matheny Bros. Lumber Co., formerly of Oroville, has opened yards and offices at E-14th St. and 25th Ave., Oakland. The company plans immediate establishment of a department to finance the construction of homes in the East Bay section.

Hazelton Electric Appliance Company of San Francisco has opened a branch office at No. 6 East Alisal St., Salinas.

G. L. Geerds has selected a site and plans early construction of a plant in Mayfield, Santa Clara county, for the manufacture of ladders.

INJUNCTION HALTS HIGHWAY PROJECT IN NEVADA

Highway work on the north bank of the Truckee river near Lawton Springs, Nevada, was stopped when Judge Geo. A. Bartlett issued an injunction pendente lite, at the request of Attorney William M. Kearney, representing B. Capurro, restraining the department of highways of the state of Nevada, George W. Borden, state highway engineer; the Southern Pacific Company and C. Miles, a highway contractor, from further proceeding with the work in that vicinity.

Capurro alleges in his complaint that he is the owner of a certain dam and ditch on the north bank of the Truckee which carries water to the southeast quarter of section 3, the land being under cultivation, with growing crops, and that on April 1, 1924, Miles, as contractor, tore out a portion of the dam and ditch.

Pacific Gas & Electric Company is having plans prepared for a new gas generating unit to be erected in Oakland at a cost of $140,000 including auxiliary equipment.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

DENVER AND MINNEAPOLIS TO ORGANIZE CONSTRUCTION CONGRESSES

Noteworthy results on the part of the American Construction Council in the the organization of new construction congresses are given by D. Knickerbocker Boyd, Executive Vice-President of the Council in a report just made to its President, Franklin D. Roosevelt, in which Boyd describes his recent trip to the Pacific Coast which he spent as a representative of the Council in this work.

Two new construction congresses were organized as branches of the American Construction Council—one in Denver and one in Minneapolis. At Denver where the initial arrangements were made by Robert K. Fuller, President of the Colorado Chapter of the American Institute of Architects and William E. Fisher also of the Institute, machinery for a permanent congress was set in motion by the election of William M. Bowman and Elmer McPhee as temporary president and secretary respectively. At Minneapolis the new congress was created through the appointment of an Organization committee at a meeting arranged by Edwin H. Brown, Secretary of the national body of architects, and presided over by F. S. Keating, President of the Builders' Exchange.

The former Washington State Congress, which had been inactive since its first meeting about two and a half yqears ago, was reorganized as the Seattle Association of Building and Construction affiliated with the American Construction Council and the National Congress of Building and Construction Industries.

The congresses mentioned above are in addition to the one organized last November in St. Louis ,on which F. W. Walker, Chairman of the Council's Apprenticeship Committee, assisted.

These new congresses have been made easier of formation by the earlier work of the National Congress of the Building and Construction Industries which Robert D. Kohn, chairman of the Industrial Relations Committee of the American Institute of Architects, has helped to sponsor and whose untiring efforts have done much to make possible the present work.

At Salt Lake City, Los Angeles, and San Francisco conferences were held on apprenticeship and other problems involving the co-operation of all elements of the construction industry.

At Portland, Oregon, meetings of the local Association of Building and Construction and its Guild of Building Handicrafts showed the interest of this community in the Council and the congress idea.

These four congresses added to the ones already existing in New York, Boston, Philadelphia, New Jersey and Portland, Oregon, give renewed vitality on a national scale to the movement for getting all elements of the construction industry together to consider problems of common interest.

Any community desiring to establish a construction congress can secure the aid of the American Construction Council by getting in touch with Dwight L. Hoopingarner, the Council's Executive Secretary, 28 West 44th Street, New York City.

American Plan Puts Dallas Second In United States Home Building

By C. A. Jay, Vice-President and General Manager, Open Shop Ass'n, Dallas, Texas, in "New York Commercial"

I would be difficult to enumerate all the ways in which the open shop has benefited Dallas. It is a well recognized fact, however, that Dallas is one of the great open shop cities of America. The business men of this city are already sold on the idea of the open shop, and practically the only industries operating closed shop are those in which the closed shop labor unions have been able, through their system of limiting apprentices, to maintain a monopoly of skilled labor. This condition is gradually being cared for through this section of the country by the training of apprentices under open shop conditions.

Prior to the adoption of the open shop policy, strikes were frequent occurrences. Since the adoption of the open shop policy, something like four years ago, we have not had a single strike in Dallas.

The open shop has made it possible for the independent workman to carry on his work without interference of radical agitators or walking delegates. He has been relieved of the necessity of paying dues, and still the scale of wages maintained in this city compares favorably with wages paid in any city of the United States. As workmen are employed on a basis of efficiency without artificial limitation of production and uneconomic working regulations, it is easy for the open shop employer to pay as high or higher wages than the closed shop employer, and still operate his business on a basis of efficiency and profit. Not only has the open shop made possible independence, from the standpoint of the employe, but it has also made it possible for the employer to operate his own business, rather than to have it operated by orders of some labor union agitator, who probably knows nothing of the real conditions as they exist between the employer and the employe in the individual establishments.

The continued prosperity is evidenced by the large building program which has been accomplished during the past year. It is interesting to note that only one city in the United States has built more homes per capita population than has Dallas. This city is Los Angeles, which is another city noted for its open shop policy.

It is a well recognized fact that the satisfactory and independent labor conditions which prevail in Dallas, as a result of its open shop policy, are attracting many large industries from the North and East to this section of the country. The growth of open shop sentiment is very marked, and it is, in my judgment, only a matter of a few years until every industry in Dallas will be conducted strictly on an open shop basis.

The open shop is legally, moraly and economicaly sound. It is in full agreement with the fundamental principles upon which this government is based, and is bound to succeed. One of the greatest curses which has been thrust upon the business and industrial establishments of this country has been the work of some of the closed shop labor unions in constantly preaching to the employes of this country that the interests of the employe and the employer are in conflict. This is not only hurtful to the employer, but it is also hurtful to the employe When the matter is faced from a correct standpoint, there can be no difference between the interests of the honest employer and the interests of the honest employe. That which benefits one must benefit the other one.

BRICKMEN ORGANIZE

Brick manufacturers of Washington, Idaho and Oregon have formed the Pacific Northwest Brick Manufacturers Association and named Samuel Geijsbeek as executive secretary.

About $18,000 a year will be spent in advertising the advantages of brick and hollow tile for building purposes. The organization is modeled after others in the east.

Officers of the association are: H. R. Kreitzer of Portland, president; Peter Erickson of Spokane, vice-president; Frank Houlahan of Seattle, treasurer.

DEATH BENEFIT ASSESSMENT IS PROPOSED

By Their Deeds Ye Shall Know Them.

A special meeting of the San Francisco Builders' Exchange is called for Monday, April 14, for the purpose of discussing the question of amending the Constitution and By-Laws to authorize the assessment of each member of the Exchange to the amount of $2.00 upon the death of a member in good standing, the money to be turned over to the family of the deceased.

TRADE BODY TO SUE FIVE STEEL COMPANIES

Prosecution of the five leading steel companies of the Pacific Coast, for alleged unfair trade practices will be commenced by Examiner W. F. Dinnen of the Federal Trade Commission, Wednesday, April 16.

The concerns accused are: The Pacific Coast Steel Company, Columbia Steel Company, Judson Manufacturing Company of San Francisco, Llewellyn Iron Works and Southern California Iron & Steel Company of Los Angeles.

Scrap dealers complained that they were obliged to sell to an alleged buying combination at the concern's own figures regardless of the value of material.

PLUMBERS NEEDED

There is today a shortage of approximately 75,000 journeymen in the plumbing trade, according to John Irvine, past president of the National Association of Master Plumbers, in an address before the Minnesota Retail Plumbers' Association at St. Paul.

LOS ANGELES BUILDING FOR MONTH OF MARCH

Los Angeles' building total for March, 1924, fell approximately four millions short of the total for the same month last year. There were four months of 1923 in which the amount of building exceeded $20,000,000, but in no other month did it reach sixteen millions. The total for March, 1923, $21,196,087, was the second largest monthly total for that year. The total for January, 1923, $11,258,517, was the smallest for the year. Starting with thirteen millions in January, building operations for 1924 have steadily increased, and the total for the first three months is approximately two millions ahead of the first quarter of 1923. Following are the figures by months for the first quarter of 1923 and 1923:

	1924	1923
Jan.	$13,158,526	$11,268,517
Feb.	16,083,412	12,080,310
March	17,279,758	21,196,087
Totals	$46,521,696	$44,534,914

Housing operations for March, 1924, were represented by 2147 permits for dwellings and apartment houses with an estimated cost of $9,043,862, 40.6 per cent of the total number of permits and 52.3 per cent of the total valuation for the month. These buildings will provide accommodations for 3736 families. Following is the record of housing for the first three months of 1924:

	No. permits	Value	No. of families
Jan.	2098	$13,158,526	3357
Feb.	2164	9,595,329	3630
March	2147	9,043,862	3736
Totals	6409	$31,797,717	10,723

PUBLICATIONS

The American Engineering Standards Committee has just issued an interesting book entitled "Standardization—what it is doing for industry." This describes how standardization is being carried on, first in the individual plant, second in industry as a whole, third nationally on an inter-industrial basis, fourth and last, internationally. This book can be had by writing to the office of the A. E. S. C., 29 West 39th Street, New York City.

Graver Corporation, East Chicago, Indiana, has published Bulletin 505-1, an eight page booklet describing the Graver Intermittent Water Softener designed for raw water ice plants of fifty tons or less capacity, and for the smaller boiler plants. The softener consists of two wooden tanks and a gravity filter. No motor is necessary for its operation. Copies of the bulletin will be mailed on request.

Catalog M24 on the Polk System of reinforced monolithic concrete concrete construction, is off the press. It describes the design of the Polk System Junior machine and the operation of the Polk System Senior machine in the construction of grain storage tanks, water tanks, silos, coal pockets, gravel bins, and other circular concrete structures. The machines are manufactured by the Polk-Genung-Polk Company, Fort Branch, Indiana.

The Department of Commerce, Division of Building and Housing, Washington, D. C., has issued a complete list of zoned municipalities, with details as to the character of the zoning ordinances, and date of adoption

Lincoln Highway Four-Fifths Completed

(By A. F. Bement, Vice-President, Lincoln Highway Association.

Ten years of the most amazing constructive transportation development in the history of the world have passed since the Lincoln Highway was first laid out in 1913. Those ten years have witnessed the expenditure of over $53,000,000 on the improvement of the Lincoln Highway—have brought the route to a point where it was originally estimated would be required for completion.

Last year 361 miles of new construction were completed on the Lincoln Highway—an exceptional season. At such a rate of progress the route should be completed between the two coasts in less than five years. Completed, that is, for the first time, for reconstruction and the replacement of sections of inferior types of road with more enduring types will continue indefinitely as the traffic increases. For example, construction has been under way on the Lincoln Highway in New Jersey since the 17th century, yet the 64 miles of the route in that state between Jersey City and Trenton are not yet "completed". Increasing traffic constantly necessitates more adequate construction, broadening, straightening and relocation. But within five years an all-weather route for the traffic of the immediate future should be open from New York to San Francisco. Doubt exists only in regard to a short section in western Utah—less than 125 miles.

Over $6,000,000 Spent In 1923

Last year the eleven states and ninety-six counties traversed by the Lincoln Highway, aided by the Federal Government, expended very close to $6,500,000 on the completion of 361 miles of the road and on maintenance. The mileage built in each state, its cost and the amount expended for maintenance are shown in the following table:

1923 Improvement Table

State	Mileage	New Construction	Maintenance
New Jersey	10.45	$ 402,985.32	$ 246,492.15
Pennsylvania	46.55	522,836.87	339,208.43
Ohio	8.07	441,867.38	47,242.13
Indiana	25.50	538,822.47	62,232.28
Illinois	19.87	553,552.84	35,382.38
Iowa	22.09	381,974.00	141,084.00
Nebraska	56.21	610,235.91	92,792.73
Wyoming	76.70	400,140.00	77,340.72
Utah	7.32	230,120.79	22,000.00
Nevada	75.00	687,023.44	53,537.33
California	12.36	338,106.04	223,376.82
Totals	361.12	$5,107,665.06	$1,340,688.97

A glance at the various state's expenditures and the mileage of new Lincoln Highway which they produced indicates the vast difference in the cost of constructing the route in the several states. This is the result of the very great difference in the volume of traffic which the Lincoln Highway in each state is called upon to carry and also to some extent pictures the wide difference in construction cost resulting from varying topography. Last year Nevada built 75 miles of the Lincoln Highway at an average cost of slightly over $9000 a mile while the ten miles New Jersey constructed cost the state approximately $40,000 a mile. The reason for this difference is obvious. New Jersey's Lincoln Way carries as high as 18,000 vehicles a day. Few sections of the route in Nevada now carry an average of 1000 vehicles a day.

It is interesting to note how the states and counties, largely under the supervision of the Federal Government, invested the over $5,000,000 expended for new construction in 1924. The following table shows what was accomplished:

Types of New Construction Completed On Lincoln Way, 1923

	Miles
Concrete	87.89
Brick	10.75
Gravel	172.36
Final earth grade	34.51
Macadam	55.61
	361.12

Long Distance Traffic Grows

The traffic of this year will be the heaviest in history. That statement can confidently be made as the traffic each year has broken all previous records. The increased traffic is bringing about, naturally enough, better accommodations for the tourists, more and more adequate hotels, inns, garages, service stations and campsites. Roadside filling stations are now found at frequent intervals in sections of the country where ten years ago it was necessary to carry extra gas. At the present time there are 87 free campsites along the Lincoln Highway, by far the majority of these being west of the Mississippi River. A good one can be reached by the auto-camper every night.

1924 Road Conditions

The nature of the roads to be encountered by those thousands who are even now planning a transcontinental drive for this year along the Lincoln Highway, east or west, is shown in tabloid form in the following table.

Table of Lincoln Highway Road Types March 1, 1924

Concrete	506.1	Miles
Brick	110.9	"
Macadam	450.3	"
Graded Gravel	1,205.4	"
Natural Gravel	187.5	"
Graded Gravel	187.5	"
Natural Earth	74.6	"
Paved City streets	220.5	"
	3,142.6	

Lincoln Way Now 80% Excellent

It can be quite confidently stated that the only possible rough going transcontinental tourists on the Lincoln Highway will find this year, outside of occasional detours which may be encountered in any of the states where new pavement is being laid, would be in western Utah. This section is short—less than 125 miles, and unless the weather is very wet will not prove a barrier. Heavy rains are infrequent on the desert in midsummer. The route usually opens in the Sierras in June and closes with snow in late November but the best month to make a pleasure trip across the continent on the Lincoln Way, all things considered, is September.

It is no longer necessary to carry an ounce of extra gas in the car at any time during the trip across the continent on the Lincoln Highway. The Association recommends that a canteen of drinking water be carried west of Cheyenne, Wyoming and that some food be carried between Salt

Lake City and the California line. Other than these simple precautions the drive across the continent necessitates no more elaborate preparation or equipment, either of the party or of the vehicle, than would be required for any two day tour in the vicinity of your own home town. The route is well marked from the Hudson River to San Francisco Bay.

COURT RULES OVERHEAD OUT OF COST-PLUS

Premiums for workmen's compensation insurance cannot be counted as a part of expenses under cost-plus contracts, declares the appellate division of the New York supreme court in the case of Russell vs. Pitchler. The written opinion of the court in this case is very broad and many persons construe it to mean that overhead cannot be included as part of the cost of work under cost-plus contracts, according to "The Contractor." Discussing the subject of overhead the court in its opinion says:

"Overhead, or general expenditures, includes all administrative or executive costs incident to the management, supervision, or conduct of the capital outlay or its business. They are to be distinguished from operation charges, or those items inseparably connected with the productive end. The latter charges contain all elements of labor and materials, which directly produce a definite end, measured by cost or value. Overhead charges are generally of a non-productive nature, in that they do not of themselves directly create a definite utility, they must not be confused with those charges which actually produce a definite end, and upon which an organization depends for its continued existence.

"On the other hand operating charges are those which may be seen as the work progresses, and are the subject of knowledge from observation. The really essential line of distinction, as we view it, is that the one is a producing cost, capable of being ascertained by those dealing with the company, and the other is a non-productive or indirect, charge, difficult of ascertainment and not ordinarily within the outsider's knowledge. The latter utilizes the earnings produced from the operating end, as the stockholders must, from the earnings of the productive end, pay the charges incident to the management of their capital invested, depreciation, interest, and the risk of venture."

APRIL WESTERN PLUMBER

The April issue of Western Plumber, a San Francisco publication, devoted to the interests of the plumbing and heating industry of the eleven western states is off the press. Leading articles in the issue include "The Purpose and Good of an Association," by John F. Wallace; 'Danger of High Pressure in Testing Piping," by R. L. Hemingway, engineer of the Boiler Division of the California Accident Commission and "A Collective Problem for the Trade" by Emil Brisacher, advertising counsellor. The publication is edited by H. Elliott Taylor.

BERKELEY BUILDING

Berkeley building records for the first quarters of this year have been shattered. Since January 1 to March 31, the city building inspector reports permits issued for improvements totaling $2,316,620. The month of March proved a record-breaker in building for the third month in the year, a total of $956,950 going into construction, as against $703,095 in March 1923. The activities of the past month exceed those of February, this year, by nearly $300,000. Home building is the feature of the Berkeley activities.

Simplification of Metal Lath

As a result of surveys made in 1922 of sizes and types of metal laths by the Associated Metal Lath Manufacturers, and a conference under the auspices of the Division of Simplified Practice, Department of Commerce, at which manufacturers, architects, builders and builders supply representatives and labor union officials were present, an official publication is about to be issued by the Government Printer covering the simplification of this product. More than 80 per cent of all groups concerned have adopted the simplification recommended reducing from 125 varieties to 24 flat expanded, ⅜ inch expanded and flat rib expanded metal lath, and have been putting the reduction into force for some time.

The recommendations officially adopted were as follows:

Section I. Flat Expanded Metal Lath.

Weight in pounds per sq. yard of Painted steel	Special metal	Sheets galvanized before fabrication	Gauges of sheet (U. S. Standard) Minimum	Maximum
2.2	2.2		28	26
2.5	2.5	2.5	28	26
3.0	3.0		28	24
3.4	3.4	3.4	26	24

Section II. ⅜ inch Rib Expanded Metal Lath.

Weight in pounds per sq. yard of Painted Steel	Special metals	Gauges of sheet (U. S. Standard) Minimum	Maximum
2.5		28	26
3.0	3.0	28	26
3.5	3.5	27	24
4.0		26	24

Section III. Flat Rib Expanded Metal Lath.

Weights in pounds per sq. yard of Painted steel	Special metals	Gauges of sheets (U. S. Standard) Minimum	Maximum
2.75	2.75	30	28
3.20	3.20	30	28
3.75	3.75	29	24
4.00	4.00	28	24

Section IV. Sheet Lath — Painted steel sheet lath is to weigh not less than 4.5 pounds per square yard, with corresponding minimum weights in this type of lath made from special metals or from sheets galvanized before fabrication.

Section V. Expanded and Sheets.—Metal lath in all types and weights galvanized after fabrication is to be eliminated.

Section VI. The industry is to make every effort to direct practice to a consolidation of the pairs of bracketed sizes. Sections I and II in a single weight to replace each pair; this is to be made effective if possible at the 1924 conference.

Section VII. All types of lath are to be specified and sold by weight per square yard.

Section VIII. Manufacturers accepting this recommendation and who so desire, may stamp or tag their product "Made in accordance with U. S. Department of Commerce Simplified Practice Recommendation No. 3."

The action of the makers and users of metal laths forms one of an important group connected with the construction industry who have adopted simplification since Secretary of Commerce Hoover organized the movement for a reduction of excess variety as a measure of increased efficiency, lower costs, more stability of labor, and better service. Among the other groups were makers of rough face brick, smooth face brick, hollow building tile, prepared roofing, range boilers and a number of household articles. Savings of millions of dollars have been effected by simplifications, and more than a hundred other industries are planning similar action.

STEAM TREATMENT FOR POLES AND PILING INVESTIGATED

An investigation is being carried on at the Forest Products Laboratory at Madison, Wisconsin, to determine the proper steam treatment for poles and piling. This is of especial interest to operators of wood treating plants in the South, where, since climatic conditions are favorable to decay, it is customary to subject these timbers to a steam and vacuum treatment before a preservative is applied.

Until the effect of different steaming periods upon the interior temperature of the wood is definitely known, it will be impossible to establish any satisfactory specifications for procedure. At present some companies steam their material twice as long as others or at higher temperatures. The laboratory experiments will indicate what length of exposure to saturated steam is necessary in order to bring the interior of pieces of wood to a given temperature and will furnish data on the interior pressure condition of the wood under treatment.

The test specimens are made 40 inches long. The bark is removed. A one-inch hole 26 inches long is bored along the longitudinal axis to hold the bulb of the recording thermometer. The specimen is clamped tightly against the retort door by long retaining bolts extending through the door and through a heavy steel plate at the rear end of the specimen. The thermometer bulb is inserted, and is connected by a tube with an external indicator. Steam pressure is held constand by means of a pressure regulating valve. The specimens are weighed before and after treatment to determine moisture changes.

A shipment of logs contributed by the Long Bell Lumber Company for use in these experiments is expected to arrive at the laboratory shortly. A previous cooperation has been the Creosoted Materials Company of New Orleans.

ARCHITECT SUES FOR FEE

Frederick S. Harrison, Sacramento architect, has filed suit in the Superior Court in that city against the Herald School District, formerly known as the Alabama School District, to recover $340.08 he says is due on a contract by which he supervised the construction of a school building in 1922.

By the terms of the contract, Harrison says the trustees of the district agreed to pay him 6 per cent of the total cost of the building for his services, which amounted to $700.08. He says only $360 was paid to him.

UNIT BUILDING COSTS IN LOS ANGELES

At the meeting of Southern California Chapter, Associated General Contractors, March 7, a supplementary report was presented by the special committee on unit building costs of which J. C. Bannister is chairman. The report follows:

"The Chapter has had numerous requests from investors, bankers and others for copies of the chart of unit building costs, prepared by a special committee for the county assessor's office each year. To meet this demand the committee has been requested to issue such further information as is needed to enable the laymen to use the figures.

"First, it must be understood that only roughly approximate results can be obtained by such methods and that results obtained in this way cannot be compared with cost estimates ba d upon a detailed study of plans and specifications, as regularly made by a general contractor.

"In using these figures it should be remembered that the application of an average estimate of cost to any given locality is always open to question even where the prices are uniform, which they never are. There are differences in grades, finish, equipment, etc., which the owner may select, while there is considerable variation in contractors' bids on the same plans and specifications. Therefore, published estimates of average cost might lead many to form wrong conclusions. For these reasons we have provided a range of costs in each item which should cover all ordinary conditions."

Total Unit Costs Per Cubic Foot

Class A Steel Frame Buildings—

Office Bldgs.	$.55 — .75
Hotels	.60 — .75
Lofts	.25 — .35
Warehouses	.20 — .30

Class A Reinforced Concrete Bldgs.—

Office Bldgs.	$ .50 — .70
Hotels	.55 — .70
Apartments	.50 — .70
Lofts	.20 — .30
Warehouses	.15 — .25

Class C Brick Buildings—

Stores on ground, apts. above,	$ .25 — .35
Apartments	.35 — .50
Lofts	.20 — .30
Warehouses	.15 — .25
1-st garages, per sq ft.	1.50 —2.00
1st stores, per sq. ft.	2.25 —3.25

Total Unit Costs Per Square Foot

Frame Bldgs. California Houses—

Good	$2.75 — 3.25
Medium	2.25 — 2.75
Cheap	1.50 — 2.00

Bungalows, special:	$5.00 to 6.00
Good	3.40 to 3.75
Medium	2.75 to 3.25
Cheap	2.25 to 2.75

Residences, two-story:

Good	$6.00 — 8.00
Medium	4.00 — 5.00
Cheap	2.50 — 3.50

Outbuildings, frame:

Good	$.200 — 2.50
Medium	1.50 — 2 00
Cheap	1.00

Corrugated iron bldgs., all kinds, $.90 — 1.20

Bungalow Court—Frame Apartments—

Special	$7.00 — 8.00	Good	6.00
Medium	5.00	Cheap	4.25

Four-Flat Bldg., two-story—

Special	$5.00	Good	4.25
Medium	3.75	Cheap	3.50

NOTE—Area (sq. ft.) total floor space including porches but not light courts.

Volume (cu ft.) is average floor area times the total height from lowest basement floor to high point of roof.

James S. Polhemus, assistant engineer of the First Portland District, U. S. Engineer Office, for the past 30 years, has retired from active service with the government and has accepted the post of consulting engineer for the Port of Bay City. He is the rather of James H. Polhemus, general manager of the Port of Portland.

Concrete Association Holds Clam Chowder Feed at Escalle

The Concrete Men's Association of San Francisco held a clam chowder dinner at Al Pape's ark at Escalle, Marin County, Sunday, March 30. Those who failed to attend the affair missed one of the finest treats of the season. After dinner it was voted that Al Pape was one of the best cooks in the country.

The accompanying picture is Al and his assistants.

The weather being perfect some of the boys went in swimming and some went rowing. Pape being a champion oarsman did not like the amateur style of his crew in throwing the oars.

Adam Arras was not much on the row but when it came to eating clam chowder and cracked crab and combination salad, Adam was second only to Joe Odgers who was assistant cook.

Al Pape, Chief Chef and His Assistants, Who Prepared Feast For Concrete Association

If you want to know how to eat cracked crab ask Brown of the Mission Concrete Company also ask him about cutting in on a machine going around a curve—who stopped him?

Lou Taylor was some Democrat as Lou wore the Blain hat all day even on the ride to San Rafael. If he white washes as slow as he opened clams he will starve to death.

Al Milliard was there all the time both at helping and eating. He only had one meal and that was all day. He can't understand why more of the boys did not show up.

F. Mackey of the California Wood Carving Company ate clam chowder until he left for home and took some home with him. He went over the night before so he would be sure to get enongh.

There had to be one gentlemen in the crowd so Rasmussen took a day off and all he did was to cook and eat.

J. H. Reavey, the crack estimator for Adam Arras, not only cracked crabs, but pulled off some circus stunts with Al Pape also showing the boys how he could swim.

C. Norstrom enjoyed himself eating and watching the rest of the gang.

E. J. Brown played the harmonica and Los Taylor played the guitar. Several selections were enjoyed from a phonograph.

Following is the menu: Combination salad, clam chowder, cracked crab, steamed clams, coffee royal, fruit, nuts, cake and iced tea. Eighty pounds of Pinole clams and four dozen ocean crabs were consumed.

After dinner an automobile trip was taken to San Rafael where the crowd visited Al Pape's father who entertained the boys showing them the medals he won at shooting being the King of the Schutzen Verein for a number of years. He is eighty-three years old and says when he is ninety he will be king again.

On returning to the ark the crowd again feasted on clam chowder and before departing for home voted the day a huge success.

Much praise must be given to Al Pape as an ideal host. It is hoped there will be another party soon.

PAINT AND VARNISH PRODUCTION

The Department of Commerce announces that according to the completed returns made to the Bureau of the Census there was produced during the year 1923, 439,175,900 pounds of paste paints (comprising white lead in oil, 260,976,600 pounds, zinc oxide in oil, 17,452,800 pounds, and other paste paints, 160,746,500 pounds), as compared with 436,295,500 pounds in 1922, 383,761,800 pounds in 1921, and 345,706,900 pounds in 1920; 82,069,700 gallons of ready mixed and semi-paste paints in 1923 as compared with 66,071,300 gallons in 1922, 45,755,600 gallons in 1921, and 56,681,900 gallons in 1920; and 70,731,000 gallons of varnishes, japans and lacquers in 1923 as compared with 55,709,400 in 1922, 36,055,900 gallons in 1921, and 52,680,200 gallons in 1920.

The figures show an increase for 1923 over 1922 of seven-tenths of one per cent in paste paints, 24.2 per cent in ready mixed and semi-paste paints, and 27 per cent in varnishes; as compared with per cent increases of 13.7, 44.4, and 54.5, respectively, for 1921-1922; and for 1920-1921, an increase of 11 per cent in paste paints, with decreases of 19.3 per cent and 31.6 per cent in ready mixed paints, and varnishes, respectively.

The returns are based upon the reports of 497 establishment, of which 143 reported the manufacture of white lead in oil, 139 zinc oxide in oil, 295, other paste paints, 385 ready mixed and semi-paste paints, and 302 varnishes, japans, and lacquers.

J. Standish Hall, civil engineer, is conferring with the Lodi Chamber of Commerce with regards to establishing an irrigation district taking waters from the Mokelumne and Calaveras rivers. One project, estimated to cost $10,940,500, is known as the Stockton project. Another, known as the Lodi-Stockton project, would cost in the neighborhood of $13,500,000.

Building News Section

APARTMENTS

Low Bidder For General Contract.
APT. HOUSE Cost, $40,000
OAKLAND, 12th St., bet. Grove and Castro Sts., Oakland.
Three-story brick apt. house.
Owner—I. Mendelson, 892 54th St., Oakland.
Architect — Miller & Warnecke, Perry Bldg., Oakland.
Lawton & Vezey, 357 12th St., Oakland, submitted the lowest bid at approximately $32,000 for the general work. All bids on the sub contracts which amounted to $10,000, have been rejected.

Figures To Be Taken In a Few Days.
APT. HOUSE Cost, $30,000
BERKELEY, Alameda Co., Cal., Arch St. near Cedar.
Two-story and basement frame and stucco apt. house (8 3-room apts.)
Owner—J. O. Davis.
Architect—W. H. Ratcliff, Jr., Mercantile Trust Bldg., Berkeley.

Figures To Be Taken In a Few Days.
STORE & APT. Cost, $26,000
SAN JOSE, Santa Clara Co., Cal., The Alameda.
Two-story frame and stucco store and apt. bldg. (4 stores and 6 apts., asbestos roof, steam heating sys.)
Owner—Mr. Atlas.
Architect—Wolfe & Higgins. Auzerais Bldg., San Jose.

Contract Awarded.
STORE & APT. Cost, $10,000
SAN JOSE, Santa Clara Co., Cal., Lots 1 & 2 Blk 4 Garden City Addition.
Two-story frame store and apt. bldg.
Owner—Nicholas Vicari, 25th & Santa Clara Sts., San Jose.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.
Contractor—K. T. Romie.

Sub-Contracts Awarded.
APARTMENTS Cost, $60,000
OAKLAND, W Athol Ave.
Two-story 48-room frame apartmetns.
Owner — Schlickeiser & Holden, 2910 Telegraph Ave., Oakland.
Archt. & Mgr. Constr.—McWethy and Greenleaf, 2910 Telegraph Avenue, Oakland.
Plumbing awarded to Wm. Picard, 5656 College, Piedmont.
Plastering to A. O. Pirrellis, 454 Cavour Piedmont.

Sub-Figures Being Taken.
APARTMENTS Cost, $12,000
SAN FRANCISCO, S Cabrillo 85 E 7th Avenue.
Two-story and basement frame and stucco apt-flat bldg. (2 5-rm apts.)
Owner—Capt. C. E. Allen, 110 Sutter St., San Francisco.
Architect—A. J. Horstmann, 110 Sutter St., San Francisco.

Plans Being Prepared.
APTS. & STORE Cost, $17,000
SAN FRANCISCO, Bartlett Street.
Three-story and basement frame and stucco apartments (5 2 and 3-room apts. and stores).
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $75,000
SAN FRANCISCO, NW Pine and Laguna Sts.
Three-story and basement frame and brick veneer apartment house.
Owner—Chas. A. Johnson, 36 Steiner St., San Francisco.
Architect—Bauman & Jose, 251 Kearny St., San Francisco.
Work will be done by days labor and sub-contracts.

Plans Complete.
APARTMENTS Cost, $15,000
SAN FRANCISCO, NE Carl and Willard Streets.
Three-story and basement frame (10) apartments.
Owner—Fred Warden, 1515 11th Ave., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $60,000
SAN FRANCISCO, NE Filbert and Franklin Sts.
Three-story and basement frame and brick veneer apartment house.
Owner—Peter Midbust.
Architect — Baumann & Jose, 251 Kearny St., San Francisco.
Work will be done by days labor and sub-contracts.

Segregated Figures Being Taken.
APARTMENNTS Cost, $125,000
SAN FRANCISCO, S Ellis St., bet. Leavenworth and Hyde Sts.
Six-story Class C apartment house.
Owner—M. Cohn.
Architect — Baumann & Jose, 251 Kearny St., San Francisco.

Completing Plans—Sub-Figures to be Taken Next Week.
APARTMENTS Cost, $125,000
SAN FRANCISCO, E Jones St., bet. O'Farrell and Geary Sts.
Six-story Class C reinforced concrete apartment house.
Owner—O. E. Anderson, 483 15th Ave., San Francisco.
Architect — Baumann & Jose, 251 Kearny St., San Francisco.

MARYSVILLE, Yuba Co., Cal.—I. C. Evans, 802 E St., Marysville, at approx $12,000 awarded contract by Chas. J. Becker, mayor of Marysville, to erect frame and plaster (4) flat building at Third and B Sts.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. **Fold-up-Dors,** Ti-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

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The fireproof, ventilated non-slipping flooring. — Irving Iron Works Co.

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Best Wood Preserver.

Douglas Woodhams & Co.

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Sutter 5907 San Francisco

LOS ANGELES, Cal.—Archt. E. P. Lewis, 934 Burck Pl., has completed sketches for a class A own-your-own apartment bldg. to be erected on a 3 1/3 acre site at cor. Highland and Sycamore Aves. for the El Encanto Apartments, 507 Citizens Nat. Bank Bldg., L. A.; it will have a total of about 500,000 sq. ft. fl. space and will contain approximately 2000 rooms, 32 shops, theater to seat about 750 people, garage, gymnasium, ballrm., restaurant, aviary, tennis courts, etc. It will probably be of reinf. conc. constr., 13-sto. and basement, press. brick and terra cotta exter., mezzanine fl., swimming pool, steam htg., elec. elevators; $7,500,000.

LOS ANGELES, L. A. Co., Cal—Harry Genser, 208 Hibernian Bldg., has prepared plans for a 2-story apt. bldg. to be erected on Westlake Ave. near 6th St. for a local client. There will be 60 single apts. Two sto., 45x150 ft., frame const., stucco exter., comp. rfg., electric htg., tile baths and drainbds. hardw fls., pine trim, wall beds; $75,000

LOS ANGELES, Cal.—Archts. Monaco & Bordeaux, 913 Bank of Italy International Bldg., L. A., will prepare plans for a 2-story store, bank and apt. bldg. to be erected at n.w. cor. Broadway and Sichel St; it will have about 5 stores and bank on first fl. with 13 single apts. on second. Brick walls, cem. and hardwd. fls., the lot is 150 by 90 ft., comp. rfg., plate glass, gas rads., water htrs., pine trim, tile baths, wall beds, etc.

LONG BEACH, L. A. Co., Cal.—H. E. Ketchum, 1304 E Ocean Blvd., Long Beach, has the contract to erect a $70,000 3-story 29-room 14-unit brick store and apt. bldg. at 935 American Ave., for Emma K. Kemble. Found. 50 by 150 ft., comp. rf., hardwd. fls., disap beds, gas rads.

TACOMA, Wash.—J. B. Garrard, contractor and real estate operator, 1210 Puget Sound Bldg., Tacoma, will erect 4-story brick apartment buildings at S-13th and Yakima Ave., est. cost $125,000. Will contain 36 apartments, 2 and 3 rooms each.

BONDS

PIEDMONT, Alameda Co., Cal.—City votes bonds of $85,000 to erect and complete school buildings.

PETALUMA, Sonoma Co., Cal.—Wilson School District contemplates bond election to finance addition of gymnasium and assembly room to present school.

WEED, Siskiyou Co., Cal.—Election will be held April 26 in Weed Union Grammar School District to vote bonds of $30,000 to finance erection of new schhool. Trustees of district are: Walter P. Sexton, J. M. White, M. H. Niemeyer, W. H. Kink and W. E. Tebbe.

ASTORIA, Ore. — Election will be held April 29 to vote bonds of $125,000 to finance erection of combined elementary and junior high school. Plans will be prepared by John E. Wicks, Astoria architect.

BANDON, Ore.—Election will be held May 7 to vote bonds of $100,000 to finance erection of new high school, preliminary plans for which have been prepared by Archt. F. Manson White, Sherlock Bldg., Portland.

RED BLUFF, Tehama Co., Cal. — Election will be held April 14 to vote bonds of $15,000 to finance construction of municipal swimming pool.

SAN JOSE, Santa Clara Co., Cal.—County supervisors sell $200,000 bond issue of Palo Alto City School District; proceeds of sale to finance school improvements.

STOCKTON, San Joaquin Co., Cal. — Bids will be asked at once by county supervisors for purchase of $11,000 bond issue of Montezuma School District; proceeds of sale to finance erection of new school.

MARTINEZ, Contra Costa Co., Cal.—County supervisors sell $22,000 bond issue of Orinda School District; proceeds of sale will finance school improvements.

SANTA CRUZ, Santa Cruz Co., Cal.—Boulder Creek Union School District votes bonds of $16,000 to finance erection of new school.

CHURCHES

Plans Being Figured.
CHURCH & SCHOOL Cost, $50,000
WOODLAND, Yolo Co., Cal.
Frame and stucco church and school (tile roof, Spanish style).
Owner—First M. E. Church.
Architect — Tuttle & Tuttle, 357 12th St., Oakland.
Bids are being taken for a general contract.

Preliminary Plans Approved—Working Drawings Being Prepared.
CHURCH Cost, $240,000
OAKLAND, Alameda Co., Cal., 26th and Harrison Sts.
Class A church.
Owner—First Congregational Church.
Architect—John Galen Howard and associates, First Natl. Bank Bldg., San Francisco.

Plans Complete.
CONVENT Cost, $15,000
SAN FRANCISCO, N Haight St. 60 W Laguna.
Two-story & basement frame convent
Owner—Sisters of the Society of Helpers, 204 Haight St., S. F.
Architect—Smith O'Brien, 742 Market St., San Francisco.

Contract Let.
PARISH HOME Cost, $17,406
FRESNO, Fresno Co., Cal., Kearny Ave.
Two-story frame and stucco parish home 75x40 ft.
Owner—St. Alphonsus Parish.
Architect—Coates and Traver, Rowell Bldg., Fresno.
Contractor—Lo Forti and Heffner 252 Coast St., Fresno.

OJAI, Ventura Co., Cal.—The Krotona Institute of Theosophy has purchased the Kerfoot ranch of 120 acres adjoining the Ojai golf course as a site for a permanent headquarters. The land cost $250,000. Plans are under way for extensive construction. All the proposed bldgs. will be of the architecture characteristic of India. This style has been selected in the development of the community.

PORTLAND, Ore. — Archts. Houghtaling and Dougan, Gearin Bldg., preparing plans for brick, terra cotta and tile Catholic church to be erected at E-41st and Salmon Sts.; est. cost $100,000. Will have tower 76 ft. high equipped with chimes; auditorium will seat 700.

NATIONAL CITY, San Diego Co., Cal—The Roman Catholic Bishop of Monterey and Los Angeles, Higgins Bldg., Los Angeles, has purchased a site, 150 by 125 ft., at n.e. cor. 8th St. and D Ave. for a new church. Plans will be started in the near future.

PASADENA, L. A. Co., Cal.—Johnson & Christensen, 360 W 43rd St., have been awarded the contract to erect a new church bldg. at Claremont Dr. and Hudson Ave. for the Second Church of Christ, Scientist; the auditorium will have a seating capacity of 500 and there will be a Sunday school assembly room with a seating capacity of about 400. Hollow tile walls, plaster exter., 1-story and basement, clay tile rfg., pine trim, art glass, pine and hardw. fls., pipe organ and organ loft, etc.; $125,000. G. A. Howard, Jr., 820 Story Bldg., archt.

LOS ANGELES, Cal.—Delmenico & Merrill, 456 Hewitt St., have the contract to erect a shrine on E 1st St., Boyle Heights, for the Little Sisters of the Poor, Emmett G. Martin, 408 Citz. Nat. Bank Bldg., L. A., archt. It will have a hollow reinf. conc. carriage for a tuffa stone base surmounted with a large bronze figure.

FACTORIES AND WAREHOUSES

Plans Completed.
WAREHOUSE Cost, $10,000
SAN FRANCISCO. No. 750 Townsend Street (rear).
Two-story frame warehouse.
Owner—Chas. Harley Co., 750 7th St., San Francisco.

Contracts Awarded.
SHOP BLDG. Cost, $20,000
SAN FRANCISCO, N Natoma St. 200 E Sixth.
One-story and mez. floor brick shop bldg. 105x80 (trussed).
Owner—Vernon Inv. Co.
Architect — O'Brien Bros., 318 Montgomery St., San Francisco.
Brick work awarded to Drake & Hadley, 180 Jessie St., San Francisco.
Iron work to Michel & Pfeffer, 1415 Harrison St., S. F.
Concrete work to F. L. Hansen, 251 Kearny St., S. F.
Other contracts will be awarded shortly.

Segregated Figures Being Taken.
SHOP Cost, $15,000
SAN FRANCISCO. SE Clinton Park and Valencia St.
painting shop, 50x180.
One-story reinforced concrete auto
Owner—J. J. Tobin.
Architect — Arthur Bugbee, 26 Montgomery St., San Francisco.

Contract Awarded.
OFFICE & SHOP Cost, $12,000
SAN FRANCISCO, N Howard St. W of 8th St.
One-story and mez. frame office and shop bldg. 50x165.
Owner—Guilfoy Cornice Works.
Architect — Mel I. Schwartz, Nevada Bank Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Contract Awarded.
PRINTING SHOP Cost, $19,000
SAN FRANCISCO, N Sacramento 50 E Kearny.
Two-story class B concrete printing shop.
Owner—W. I. Konnke, 568 Clay St., San Francisco.
Engineer—C. E. Curry, 214 Sharon Bldg San Francisco.
Contractor—H. L. Petersen, 35 Montgomery St., San Francisco.

Sub-Figures Being Taken.
LOFT BLDG. Cost, $—
SAN FRANCISCO, S Howard W 5th.
Two-story and basement reinforced concrete loft building.
Owner—Howard Realty Co., Alexander Bldg., San Francisco.
Lessee—American Laundry Machine Co
Archt. & Contr.—Geo. Wagner, 181 So. Park, San Francisco.

Sub-Contracts Awarded.
WHOLESALE BLDG. Cost, $120,000
SAN FRANCISCO. N Mission St. 175 E Sixth St.
Five-story and basement concrete wholesale building (72,000 sq. ft.)
Owner—Walter Sullivan, Inc., Alexander Bldg., San Francisco.
Lessee—Nathan-Dohrman Co.
Architect—None.
Contractor—Geo. Wagner, 180 South Park, San Francisco.
Reinforcing Steel to W. S. Wetenhall, 17th and Wisconsin Sts., S. F.
Heating, Plumbing and Sprinkler System to J. H. Pinkerton, 927 Howard St., S. F.
Electric Wiring to H. S. Tittle, 85 Columbia St., S. F.
Steel Sash to Truscon Steel Co., 709 Mission St., S. F.
Lumber to Hart-Wood Lumber Co., 1 Drumm St., S. F.
Sidewalk Lights to Phoenix Sidewalk Light Co., Monadnock Bldg., S. F.
Elevator to Spencer Elevator Co., 166 7th St., S. F.
Glass to Cobbledick-Kibbe Co., 666 Howard St., S. F.
Plastering to San Francisco Plastering & Lathing Co., 872 Folsom St., S. F.
Grading to Farrar & Carlin, 180 Jessie St., S. F.

ONTARIO, San Bernardino Co., Cal.—Archt. F. O. Eager, 137 E White Oak, Monrovia, has completed plans for a 1-story reinf. conc. factory bldg. to be erected at Sultana Ave. and California St. for the Ironall Factories of Ohio (Oscar A. Berman, pres.). The company manufactures overalls. The bldg. will be of Spanish style, plas. exter., red tile rf.; north and south walls of continuous Fenestra steel sash.

LANKERSHIM, Cal.—State Highway Engr. R. M. Morton approves expenditure of $35,000 to enlarge state highway maintenance plant at Lankershim. The new shop to be constructed will be 90x140 ft.

FRESNO, Fresno Co., Cal.—See "Miscellaneous Construction," this issue. To establish rock plant.

SAN BERNARDINO, San Bernardino Co., Cal.—Jos. E. Nelson & Son, Chicago, and Sumner-Sollitt Co., Delta Bldg., Los Angeles, have been awarded the contract to erect the machine shop extension, Unit No. 4, at the San Bernardino shops of the Santa Fe Railway Co. Dimensions, 180 x 215 ft., pile and concr. found., steel frame and roof trusses, reinf. concr., walls, steel sash, steel doors, comp. rfg.

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BRENTWOOD, Contra Costa Co., Cal —Stewart Fruit Co. has purchased site from Santa Fe R.R. and will erect fruit packing plant at Oakley.

San Diego Co.—See "Miscellaneous Buildings" this issue.

BEAUMONT, Riverside Co., Cal. — At the last meeting of the directors of the Beaumont Fruit Growers Assn., plans were formulated for the construction of a cold storage plant and packing house on the assn's property at fifth and Veilie Sts.

MAYFIELD, Santa Clara Co., Cal. — G. L. Geerds will erect plant here for the manufacture of ladders.

FLATS

Contract Awarded.
FLATS Cost, $12,500
SAN FRANCISCO, W Baker 112-6 N Hayes.
Two-story and basement frame (2) flats.
Owner—Aloio Schhneider, 1414 15th St. San Francisco.
Architect — W. H. Armitage, 72 New Montgomery, San Francisco.
Contractor—E. K. Nelson, 500 Buchanan, San Francisco.

To Be Done by Day's Work.
FLAT BLDGS. Cost, $8000 each
SAN FRANCISCO. SE Webster and Greenwich; NE Webster and Pixley Ave.; E Webster 26 and 60 S Greenwich; S Greenwich 25 E Webster; W Pixley Ave 75 E Webster.
Six two-story and basement frame flat buildings (2 flats each).
Owner—A. E. Hind.
Architect—W. G. Hind, 711 Hearst Bldg San Francisco.

Sub-Figures Being Taken—To be Done by Day's Work.
FLATS Cost, $13,000
SAN FRANCISCO. N Lombard Street 80 W Franklin.
Two-story and basement frame and stucco flat building (2 5-room flats with sun porch and breakfast nook).
Owner and Architect—Arthur G. Bugbee, 26 Montgomery St., S. F.

Plans Being Figured.
FLATS Cost, $20,000
SAN FRANCISCO, W 14th Ave. 100 N California.
Two-story and basement frame and stucco flat bldg. (2 flats of 8 and 9 rooms, steam heat).
Owner—Withheld.
Architect—Mel I. Schwartz, Nevada Bk Bldg., San Francisco.

Plans Complete.
FLATS Cost, $14,000
SAN FRANCISCO, N Francisco 62-6 E Gough.
Two-story and basement frame (2) flats.
Owner—Dr. W. M. Burfeind.
Architect—A. J. Fabre and E. H. Hildebrand, 110 Sutter St., San Francisco.

To be Done by Day's Work—Sub-Figures Being Taken.
FLATS Cost, $15,000
SAN FRANCISCO. NE Twenty-seventh Ave. and Irving St.
Two-story frame and stucco store and nine-room flat.
Owner—Geo. Solmon.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.

Contract Awarded.
FLATS Cost, $12,000
BERKELEY, Alameda Co., Cal. No. 2261-3-5-7 Cedar St.
Two-story 16-room flats and garages.
Owner—W. Gus Smith, 2347 Woolsey St., Berkeley.
Architect—None.
Contractor—H. Elmer Johnson, 644 Woodland St., San Leandro.

Bids Being Taken.
FLATS Cost, $12,000
SAN FRANCISCO, Clay St.
Two-story and basement frame and stucco flats (2 6-room flats).
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Contract Awarded.
APARTMENT FLATS Cost, $16,000
BERKELEY, Alameda Co., Cal. No. 2405-7-9-11 Ashby Avenue.
Two two-story 12-room apartment flats
Owner—S. Drorn, 862 Grand Ave., Berkeley.
Architect—None.
Contractor—J. W. Monroe, 5538 Claremont Ave., Berkeley.

Contract Awarded.
FLATS Cost, $10,750
SAN FRANCISCO, N Francisco 45-10 W Grant Ave.
Two-story and basement frame (2) flats.
Owner—Jennie Kaster, 234 Francisco St., San Francisco.
Architect—G. A. Berger, 261 Valencia St., San Francisco.
Contractor—K. C. Gardner and J. Miron 335 Raymond, San Francisco.

GARAGES

Permit Applied For.
GARAGE Cost, $20,000
OAKLAND, Alameda Co., Cal. S 16th St. 140 W Willow.
One-story concrete garage.
Owner — Oakland Bldg. & Mtge. Co., 306 12th St., Oakland.
Architect—J. C. Thayer.
Contractor—Schuler & McDonald, 306 12th St., Oakland.

Low Bidder.
GARAGE Cost, $30,000
SAN FRANCISCO, SW Post and Avery Streets.
Two-story reinforced concrete auto sales building and garage.
Owner — Northern California Baptist Convention.
Lessee—Fischer Bros.
Architect — Miller & Warnecke, Perry Bldg, Oakland, & Call Bldg., S. F.
Low Bidders—Barrett & Hilp, 918 Harrison St., San Francisco.

Bids Opened.
GARAGE Cost, $15,000
RICHMOND, Contra Costa Co., Cal., SW 11th St. and Macdonald Ave.
One-story brick and frame garage building.
Owner—G. T. Traverso, 1529 Macdonald Ave., Richmond.
Lessee—Thos. Motor Car Co., (Ford agents).
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
Miner Co., 2232 Macdonald Ave. Richmond $15,717
W. Snelgrove 16,223
Carl Overaa 16,390
P. M. Sanford 16,490
Bids taken under advisement.

Bids To Be Taken Next Week.
GARAGE Cost. $200,000
SAN FRANCISCO, South of Market below Third St.
Six-story reinforced concrete public garage.
Owner—Louis R. Lurie, 315 Montgomery St., San Francisco.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
It will accommodate 300 cars. The upper floors will be reached by ramps.

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Sub-Contracts Awarded.
GARAGE Cost, $66,700
EMERYVILLE, San Pablo Ave., bet. 38th and 39th Aves.
One-story reinforced concrete auto sales and garage bldg.
Owner—Cozzens-Ball Inc., 48th St. and San Pablo Ave., Oakland.
Architect — Frederick Soderberg, 276 Perkins St., Oakland.
Contractor—Lawton & Vezey, 357 12th St., Oakland.
Steel to Judson Mfg. Co., 817 Folsom St., San Francisco.
Steel sash to Michel & Pfeffer Iron Works, 1415 Harison St., S. F.
Glass to Tyre Bros., 351 12th St., Oakland.
Kawneer Bars to W. P. Fuller & Co.
Sheet metal work to Fiuren & Arneson 2910 Union St., Oakland.
Plumbing and sewer to Feary & Moll, 1075 40th St., Oakland.
Lathing and plastering to Thomas Glimme, 4048 Brown Ave., Oakland.
Roofing to Pacific Roofing Co. 351 12th St., Oakland.
Mill work to Reinhart Lumber & Planing Mill Co., 17th and Kansas Sts.
Lumber to Hogan Lumber Co.

Plans Complete.
REPAIR SHOP Cost, $20,000
SAN FRANCISCO, W 7th St. 150 S Howard.
One-story brick auto repair shop.
Owner—H. E. Holmes, 774 Folsom St., San Francisco.
Architect—P. Righetti, 12 Geary St., San Francisco.

Sub-Figures Being Taken.
GARAGE Cost, $20,000
SAN MATEO, San Mateo Co., Cal, 3rd Avenue.
Concrete garage.
Owner — R. Caldwell, 152 Ellsworth Ave., San Mateo.
Work has been started; concrete to be poured next week. Mr. Caldwell is a contractor.

Contract Awarded.
GARAGE Cost, $12,500
SAN FRANCISCO, W Howard 170 N 17th St.
One-story concrete garage.
Owner—Daniel Logan.
Eng. & Contr.—J. H. Hjul, 128 Russ St., San Francisco.

Bids To Be Taken Next Week.
GARAGE Cost, $50,000
SAN FRANCISCO, E Montgomery N of Pacific St.
Two-story and basement reinforced concrete commercial garage.
Owner—Louis R. Lurie.
Architect — O'Brien Bros., 315 Montgomery St., San Francisco.

GOVERNMENT WORK AND SUPPLIES

Bids To Be Called For In a Few Days.
EXTENSION Cost, $60,000
DEL MONTE, Monterey Co., Cal.
Extension to Del Monte Training Camp (mess halls, store houses, sewer and water systems, etc.)
Owner—U. S. Government.
Architect — Constructing Quartermasters Office, Fort Mason.
Portable type of construction will be used for the buildings. Construction is to be completed before July 1.

Plans Being Figured—Bids Close May 8, 1924, 3 p. m.
POST OFFICE $135,000 approx.
BAKERSFIELD.
One-story and basement hollow tile post office bldg.
Owner—U. S. Government.
Architect—Architectural Dept., Washington, D. C.
NOTE—See call for bids under "Official Proposals."

Plans Being Figured—Bids Close May 1, 1924, 3 p. m.
BUILDING Cost. $—
ANGEL ISLAND, Cal., U. S. Quarantine Station.
One-story frame bldg. 42x66.
Owner—U. S. Government.
Architect—Office of Supervising Architect, Washington, D. C.
See call for bids under Official Proposal section this issue.

SAN DIEGO, Cal. — Following bids rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C. under Spec. 4961, to surface parade ground at San Diego:

Gilmore Oil Co., San Diego, Cal., item 1, $14,017.44; 2, $145.

Robt. E. McKee, San Diego, item 1, $22,000; 2, $225.

LIVERMORE, Calif. — Following is complete list of bids received by Construction Division of U. S. Veterans' Bureau, Washington, to fur. and install refrigerating plant in Veteran's Hospital at Livermore, Calif.:

Milwaukee Steam Appliance Co., West Allis, Wis., $14,360; begin in 90 days, Complete 150 days.

Vulcan Iron Works, San Francisco, Calif., $11,300; begin 30 days, complete 90 days.

Gay Engineering Corp., Los Angeles, Calif., $12,386; begin 15 days, complete 60 days.

Automatic Refining Co., Munsey Bldg Washington, $15,075; begin 10 days, complete 120 days; alt. $12,825.

Cyclops Iron Works, San Francisco, Calif., $15,487; begin 15 days, complete 60 days.

Carbondale Machinery Co., 3430 Enterprise St., Los Angeles, $12,350; begin 30 days, complete 90 days.

Frick Co., Waynesboro, Pa., $13,990; begin 70 days, complete 130 days.

York Mfg. Co., York, Pa., $13,330; begin 15 days, complete 100 days.

SAN DIEGO, Cal.—New hospital construction is provided for in Naval Appropriation Bill as it passed the House of Representatives, of which $739,500 is allowed San Diego, the improvements being listed as follows.

(r) Extension of nurses' quarters to house a sufficient number to answer the requirements of the completed hospital, $145,000.

(b) Quarters for hospital corps men receiving practical instruction in the hospital, $200,000.

(c) Quarters for 4 medical officers, $75,000.

(d) Construction of an isolation ward for contagious cases $225,000.

(e) Grading, roads, planting, sprinkler system, $80,000.

(f) Mortuary, $10,000.

(g) Gate house, $4500.

PEARL HARBOR, T. H.—Naval Appropriation Bill, as it passed the House of Representatives, provided $138,000 for hospital construction at Pearl Harbor, the improvements being listed as follows:

2 sets quarters for pharmacists	$20,000
3 sets quarters for chief pharmacists' mates	10,000
1 storehouse	90,000
Roads, walks and drainage	18,000

PUGET SOUND, Wash.—Until April 23, bids will be rec. by Bureau of Yards and Docks, Navy Department, Washington, under Specification No. 4860, to construct sub-surface magazine at Puget Sound Navy Yard. Spec. obtainable from Bureau on deposit of $10.

SAN FRANCISCO — Bids will be asked shortly by Constructing Quartermaster, Fort Mason, to install nine centrifugal pumps for deep wells, already drilled, at Lobos Creek; est. cost $15,000.

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SAN DIEGO, Cal.—Bureau of Public Works, 11th naval dist., invites attention to fact that it will open proposals in near future on bldgs., roads and connections at the Marine Corps base, San Diego; work involves excavating, filling and grading, concrete piles, plain and reinforced concrete, natural and artificial stone, hollow tile and brickwork, wood framing, sash and doors, floors and finish, tile roofing, built-up roofing, copper and galvanized sheet metal, stucco plastering and wire lathing, interior marble, tile and terrazzo and ornamental tile, linoleum, ornamental and miscellaneous metal work, hardware, kitchen equipment, freight elevators, sprinkler system, painting and glazing, plumbing, heating and electric lighting. The bidding items permit awards to be made separately, if the interests of the government require, for (a) elevators, (b) sprinkler system, (c) roads, walks and railroad siding, and (d) sewer, water, gas, electric, steam and telephone service lines.

In the event that this work is of interest, prospective bidders should forward immediately to the bureau or to the public works office, U. S. N., San Diego, a check or postal money order for $60, payable to the Chief of the Bureau of Yards and Docks, as security for the safe return of the drawings and specifications, which will be forwarded as soon as available. Spec. No. 4933.

FORT MASON, Calif. — Bids were opened at the office of Constructing Quartermaster, Fort Mason, Cal. on April 7, 1924, for magnesite flooring at the Red Cross Building in the Presidio and the contract awarded to Robert F. Smith, 433 Clementina St., at $661. Other bids were as follows:

Standard Composition Flooring Co.	$672
Fibrestone & Roofing Co.	900
Malott & Peterson	972

Painting

The Painting Contract for the Red Cross building was awarded to Tozer Co., 439 Sutter St., at $175. Other bids were as follows:

Rigbetti	$330
Robt. F. Smith	333
R. Zelinsky	375
H. Dahl	390
G. Orse Co.	436
T. Schnekenbuger	465

FORT MASON, Calif. — Bids were opened at Office Constructing Quartermaster on April 7, 1924, for wire gratings for guard house Fort Winfield Scott, Calif. and the contract awarded to the Monarch Iron Works, 262 7th St., San Francisco, at $514. Other bids were as follows:

New San Francisco Wire Works	$570.00
Standard Fence Co.	607.80
Western Iron Works	739.00
Eureka Iron Works	850.00

SAN FRANCISCO—See "Streets and Sewers," this issue; bids opened for concrete road.

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WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, Washington, D. C., to fur. and del. Materials to Navy Yards, as follows; date for opening bids as noted at close of each paragraph:

Schedule 2041, for Mare Island, approx. 3000 lbs. friction tape. April 22.

Sched. 2045, for San Diego, 3500 prs. searchlight carbons; for Mare Island, 4000 prs. do; for Puget Sound, 14 sheets asbestos ebony, 100 ft. insulating fiber, 400 lbs. do, 1400 fuse elements, 3000 enclosed fuses, 2500 do, 3000 link fuses, 3500 midget fuses, 300 bracket and ceiling fixture globes and 2500 flanged heel globes, April 22.

Schedule 2046, for eastern and western yards, 19,450 ft. fire hose, April 22.

Sched. 2047, for eastern and western yards, 23,000 ft. rubber lined fire hose, April 22.

Schedule 2048, for Mare Island, 350 ft. fuel oil hose, April 22.

Schedule 2050, for eastern and western yards, hose and rubber tubing, April 22.

Schedule 2055, for eastern and western yards, wire rope, April 29.

Sched. 2056, for Mare Island. 10,000 lbs. Spun oakum, April 29.

Sched. 2058, for Mare Island, 2500 lbs. cotton twine, April 29.

Sched. 2059, for eastern and western yards, gasoline as may be required during the period July 1, 1924, to June 30, 1925, April 15.

Schedule 2060, for eastern and western yards, gasoline and distillate as required during the period July 1, 1924 to June 30, 1925, April 24.

Sched. 2061, for Mare Island and Puget Sound, 47 sewing machines, Apr. 29

HALLS AND SOCIETY BUILDINGS

Contract Awarded.

SORORITY BLDG. Cost, Approx $30,000

BERKELEY, Alameda Co., Cal. Le Conte and Arch Sts.

Three-story and basement frame and stucco sorority bldg. with slate roof.

Owner—Delta Zeta Sorority, 1837 Arch St., Berkeley.

Architect — Miss Julia Morgan, Merchants Exchange Bldg., S. F.

Contractor — Conner & Conner, 1733 Francisco St. Berkeley.

Sub-Figures Being Taken for Glass and Ornamental Iron.

STORE, ETC. Cost, $1,000,000

SAN FRANCISCO. N. Posct St., between Powell and Mason Sts.

Thirteen-story Class A store and club building.

Owner—Elks' Club

Architect — Meyers & Johnson, 742 Market St., San Francisco.

Engineer — C. H. Snyder, 251 Kearny St., San Francisco.

Contractor — R. McLeran Co., Hearst Bldg., San Francisco.

As previously reported, other contracts recently awarded are:

Elevators to Spencer Elevator Co., 166 Seventh St., San Francisco.

Plumbing to Jas. H. Pinkerton, 927 Howard St., San Francisco.

Heating to Scott Co., 243 Minna St., San Francisco.

Electrical work to Decker Elec. Co., 149 New Montgomery St., S. F.

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

Bids Opened.
LODGE BLDG, ETC. Cost, $——
VALLEJO, Solano Co., Cal. Georgia St., bet. Sonoma and Marin St.
Three-story reinforced concrete store, lodge and office building.
Owner—Vallejo Lodge of Redmen.
Architect—Clay N. Burrell, American Bank Bldg., Oakland.
Barenchi & Paganni,327 Georgia St., Vallejo $59,513
Frank Lamb, Vallejo..... 60,800
J. H. Betz, Sacramento..... 61,282
S. H. Averill, Vallejo..... 62,975
Larsen-Siegrist, S. F..... 61,777
Murch-Williams Co., Oakland.. 64,457

LONG BEACH, L. A. Co., Cal.—C. T. McGrew & Sons, 1345 W Ocean Blvd., Long Beach are preparing working drawings and will start work in about five weeks on the new $150,000 clubhouse at 3rd St. and Cerritos Ave., Long Beach, for the Long Beach Ebell Club. Found., 140x140 ft., brick walls, stucco exter., art stone trim, tile rf., auditorium, 62x90 ft. stage, lobby, dining hall, reception rms., kitchen, gallery, clubrooms, tile and hardwd. fls., gas-steam heating.

HUNTINGTON PARK, L. A. Co., Cal. —Jas. C. Barr has completed plans and has the contr. to erect the new 3-story Masonic temple bldg. in the 200 block on South Pacific Blvd. Work has started. The bldg. will have entrance lobby and large store on the ground fl. with lodge quarters above.

SAN DIEGO, San Diego Co., Cal.—Lange & Bergstrom, Washington Bldg, have been awarded the general contact at about $340,000 for erecting the Bridges Memorial Art gallery in Balboa Park, San Diego. W. Templeton Johnson, San Diego, archt. The bldg. will be 2-story, approximately 250x100 ft., reinf. concrete construction, limestone and stucco exterior, tile roofing.

SANTA ANA, Orange Co., Cal.—Work on the new club house of the Santa Ana Country Club will be started in the near future, according to John L. Wheeler of Santa Ana, who is chairman of the organization committee. The bldg. will be located on the club property on the Newport-Santa Ana road, where the organizers have acquired 144 acres. The proposed bldg. will be part 1 and 2-story, of rambling style. Archt. H. Newton Thornton, Hill Bldg., Santa Ana, is the archt.

FRESNO, Fresno Co., Cal. — Fresno Council, Knights of Columbus, has appointed building committee to secure estimates of costs and preliminary drawings for a new lodge and club building which the order plans to erect in the immediate future.

SACRAMENTO, Cal.—Until April 17, 9:15 P. M., bids will be rec. by H. G. Denton, city clerk, to erect club house in South-Side Park. Cert. check 5% payable to City Controller req. with each bid. Plans on file in office of clerk.

HOSPITALS

LIVERMORE, Calif.—See "Government Work and Supplies," this issue. Bids opened for refrigerating plant.

Plans Being Figured—Bids Close April 22, 2 p. m.
OLD PEOPLE'S HOME Cost, $—
TURLOCK, Stanislaus Co., Cal.
Brick or reinforced concrete (1st unit) Old People's Home.
Owner—Swedish Evangelical Missionary Society of California.
Architect—G. N. Hilburn, Sierra Bldg., Turlock, Cal.
Segregated bids are desired as follows: (1) general construction; (2) plumbing and electrical wiring for lights, heat and power. Plans obtainable from the architect.

SAN JOSE, Santa Clara Co., Cal. — Following bids rec. by supervisors for purchase of 2 boilers at county hospital: International Wrecking Company, $512.50; University of Santa Clara, $500 Taken under advisement.

Work Started.
HOSPITAL Cost, $30,000
BELMONT, San Mateo Co., Cal.
One-story frame and stucco cottage style children's hospital.
Owner — Chas. S. Howard Foundation Inc., headed by Dr. Max Rothchild and Harry C. Warren of San Francisco.
Architect—Henry H. Meyers and Geo. K. Klinkerdt, Associated, Kohl Bldg., San Francisco.
Contractor—Geo. Wagner, 181 South Park, San Francisco.

STOCKTON, San Joaquin Co., Cal.—Hild Electric Mfg. Co., 517 E Market St. Stockton, at $5460 awarded contract by county supervisors for electric work at county hospital. Commercial Electric Co., Stockton, only other bidder at $5988.

HOTELS

Low Bidder.
HOTEL Cost, $——
SAN FRANCISCO, SW Cosmo and Taylor Streets.
Six-story and basement Class C hotel. (36 rooms).
Owner—Mr. and Mrs. Geo. W. Springer, 1032 Jackson St., San Francisco.
Architect—M. Couchot and J. Rosenwald, 60 Sansome St., S. F.
Low Bidder—John Spargo, Russ Bldg., San Francisco.

Contract Awarded.
HOTEL Cost, $1,500,000
SAN FRANCISCO, SE Geary & Taylor Streets (adjoining).
15-story and basement class A hotel annex to Clift Hotel, 200 rooms, 100% baths.
Owner—Clift Hotel Co.
Architect—Schultz & Weaver, 17 E 49th St., New York.
Contractor—P. J. Walker Co., Monadnock Bldg., San Francisco.
Construction will be started within 30 days. Sub-figures will be taken shortly by the Walker Co.

SACRAMENTO, Cal.—John A. Clecak, Inc., 807 J St., real estate operator, has sold property at s.w. 11th and I Sts. to Eastern capitalist who contemplates erection of a 4-story hotel building.

MONROVIA, L. A. Co., Cal.—A total of $134,000 has been pledged toward the new Community Hotel bldg. being promoted by the citizens' organization, of which Charles Stewart is associate chairman. The hotel is being financed under the Hockenbury System, Inc. (L. D. Barr, western mgr.). The proposed hotel will be 2-story of combined pueblo and mission style architecture, with a row of stores on the main front.

LOS ANGELES, Cal.—Archt. Leonard L. Jones, Grosse Bldg., has prepared plans for an 88-room hotel bldg. to be erected on Lake St., bet. 7th and 8th Sts., for Mrs. Jerome, 215 S. Vendome St. It will be 4-story 50x140 ft. brick walls, press. brick and terra cotta facing, comp. rfg., metal skylights, mahogany and pine trim, tiled baths, steam htg., elevator; $100,000.

LOS ANGELES, Cal. — Archt. Benj. Bloser, 523 Consolidated Bldg., is preparing plans for a store and rooming house bldg., to be erected on San Pedro St. near 14th St. for a local client; it will have 4 stores on first fl. with 32 rms. on second. Brick walls, 2-sto., plaster exter., comp. rfg., 50x150 ft., plate glass, rement and pine fls., gas rads., storage water htr., romp. baths, pine trim.

CRESCENT CITY, Del Norte Co., Cal.—H. W. Webber, local business man, heads committee which proposes to finance construction of $250,000 hotel building. Structure would be of fireproof construction covering an area of 90 by 140-ft. and would be constructed in units. Preliminary sketches have been prepared.

San Diego Co.—See "Miscellaneous Buildings" this issue

LAGUNA BEACH, Orange Co., Cal.—E. R. Cooper has sold the lease of the Cooper hotel and is negotiating for the Yoch property as site for a $150,000 hotel building, containing approx. 50 rooms. He will design his new hotel to make it available for conventions, large private parties and a gathering place for artists.

LOS ANGELES, Cal.—I. Levin, 3115 Fifth Ave., has had plans prepared and will erect a 4-story and part basement class C hotel bldg. on Westlake Ave., between Maryland and 6th Sts. for himself. It will contain 94 rooms; dimensions, 50x155 ft., brick walls, press. brick facing, comp rfg., structural steel pine trim, marble and tile work, elevator, steam htg.; $100,000.

LOS ANGELES, Cal.—Christ Thoren 676½ Hawthorne Ave. has been awarded a contract at about $142,000 for erecting a 4-story and part basement class C store and hotel bldg. at n.e. cor. of Hollywood Blvd. and Western Ave. for United Stores Realty Co; Walker & Eisen, Great Republic Life Bldg., archts. Dimensions, 65x160 ft., 10 stores, 72 rooms, 36 baths, brick walls, stucco, cast stone and brick exterior facing, plate glass, structural steel work, comp. rfg., fire escapes, metal skylights, pine trim, tiled baths, steam htg., elevator.

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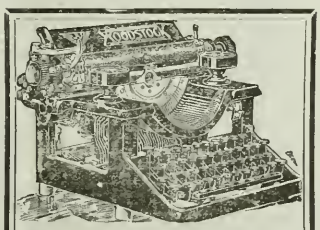

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DIRECT FACTORY BUYERS

ICE AND COLD STORAGE PLANTS

LIVERMORE, Calif.—See "Government Work and Supplies," this issue. Bids opened for refrigerating plant.

LOS ANGELES, Cal.—Geo. H. Fruehling Building Co., 1016 E Florence ave. has the contract to erect a 17-rm residence and garage on Courtney Drive near Hollywood Blvd. for John H. Blair, 604 Union Oil Bldg. Three-story, 108x32 ft., frame and plas. construction, tile and comp. rfg., hardwood and pine trim and flrs., tiled baths, water htr., unit gas htg.; $35,000.

POWER PLANTS

SANTA BARBARA, Cal.—City Mgr. Herbert Nunn recommends constr. of hydro-electric plant at Gibraltar Lake, for development of power for sale. The plant proposed would be a one-unit station, delivering 180 k. w. 24 hrs. per day, and utilizing 3,000,000 gal., with a head of 499 ft. Est. cost, $40,000.

SAN DIEGO, Cal.—Pac. Tel. & Tel. Co., will expend approx. $490,000 during year for increased facilities in San Diego and vicinity. Approx. $280,000 will be expended for 57,000,000 conductor feet of cable, and the balance for additional switchboard facilities.

PRINCETON, Colusa Co., Cal. — Pacific Gas and Electric Co., 445 Sutter St., San Francisco, will expend $40,000 in the construction of a new sub-station here to be known as "Rice Sub-Station".

E. C. Johnson, division manager for the company, announces $58,500 will be expended in the reconstruction of the Hamilton-Colusa high tension and local distributing lines.

CALIFORNIA—Great Western Power Co., 530 Bush St., San Francisco, will expend several million dollars in power improvements in Central and Northern California which will include enlargement of Butte Valley dam, near Caribou powerhouse; installations of 30,000 K. V. A. synchronous condenser at Golden Gate sub-station in El Cerrito, and a transformer bank there, at a total cost of $700,000; increasing capacity of sub-stations at Antioch and Clayton, at an expense of $200,000; expansion of facilities at Napa, Petaluma, Santa Rosa and rural territory near those cities.

TURLOCK, Stanislaus Co., Cal.—Turlock Irrigation District contemplates construction of $100,000 power plant with capacity of 4,000 k. w. at La Grange dam construction to be financed through sale of electricity by district. Proposed plant will be located approx. 20 mi. down the Tuolumne river from the Don Pedro dam.

BLYTHE, Calif. — Southern Sierras Power Co. will install in electric generating plant an additional electric generator of at least 150 KVA and will repair present equipment to render efficient service in Blythe.

PUBLIC BUILDINGS

LODI, San Joaquin Co., Cal. — City trustees have taken under advisement offer of D. Beroni to give city site on which to erect new city hall building. It is proposed to vote bonds to finance the structure.

SAN FRANCISCO—Until April 16, 3 P. M. bids will be rec. by Board of Pub—lic Works, to complete 2 floors and basement of building in Mint ave. bet. 5th and 6th sts., to be used as fire truck station and headquarters for assistant chief of the Fire Department. Segregated bids are wanted for (1) general contract, est. cost $24,000; (2) hot water heating, $4,000; (3) electric work, $2,500; (4) plumbing, $3,400. Plans obtainable from Bureau of Architecture, 2nd floor, City Hall.

PIEDMONT, Alameda Co., Cal.—City votes bonds of $40,000 to finance remodeling of city hall.

SAN FRANCISCO—Bids will be asked by Board of Public Works in the immediate future to install inter-communicating telephone system in the Municipal Auditorium.

STOCKTON, San Joaquin Co., Cal.—City Council has approved plans and specifications for the structural steel for proposed municipal auditorium and bids will be asked immediately. Official call for bids will be published shortly. A. L. Banks is city cerk.

RESIDENCES

Contract Awarded.

RESIDENCE Cost, $15,18

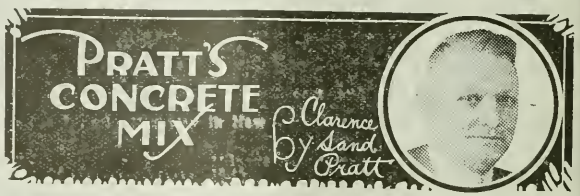
SAN FRANCISCO. St. Francis Woo on San Leandro Way.

Two-story and basement frame, stucc and brick veneer residence.

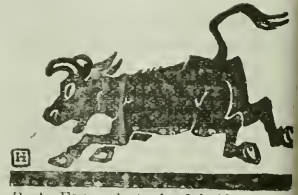
Owner—H. S. Porter, 3006 Broderic St., San Francisco.

Architect — Jos. L. Stewart, Clau Spreckels Bldg., San Francisco.

Contractor—M. C. Ingraham, 165 Fe St., San Francisco.



IF YOU want to see.
HOW POOR everybody is.
JUST GO up.
TO THE Assessor's office.
IN ANY Courthouse.
AND HEAR the people.
TURN IN their assessments.
NOBODY HAS any cash.
IN THE bank.
OR IN their pockets.
ON THE first of March.
CLARENCE SAND Pratt, President.
OF THE Pratt Building Material Co.
DOUGLAS 300—"easy to remember."
AND PRODUCER of clean, sharp sand.
AND GOOD crushed rock.
SPENT AN amusing half hour.
LISTENING TO the sworn statements.
OF OUR good citizens.
A CHINESE druggist was the first.
AND HE tried.
TO TELL the assistant assessor.
THAT HIS drug store.
LIQUOR, FIXTURES, dead lizards and all.
WAS WORTH only $400.
WHEN ONE case of China gin.
WOULD SELL for that sum.
HE DIDN'T get away with it.
NEXT WAS an Italian barber.
WHO OWNED two barber chairs.
AND A few soap bars.
HE PAID $1.39 in 1923.
AND COMPLAINED.
WHEN HIS total tax for 1924.
RAN UP to $2.79.
THE NEXT was a funny old lady.
WHO WANTED her furniture assessed
FOR LESS than $10.00 per room.
BUT $10.00 per room.
IS THE minimum on furniture.
SO SHE was very unhappy.
AND OVER assessed.
THEN AN office lady.
WANTED HER typewriter.
ASSESSED FOR less than $25.00.
SO THAT'S the way it goes.
AND SANDY Pratt, producer.
OF CRUSHED rock and gravel.
ALSO CLEAN, sharp sand.
AT PRATTROCK (near Folsom).
MARYSVILLE AND Sacramento.
AND PRATTCO (Monterey County).
HEARD ONLY a few.
OF THE funny ones.
AT THE Assessor's office.
BUT WE are all alike.
NEVER WANT to pay taxes.
AND THE richer you are.
THE LESS you want to pay.
"I THANK you."



B. A. Farmer's trained heifer, name Little Milk, who beats it to the brus when the deputy assessor makes his a nual visit to the farm. She does n travel over a concrete road made Sandy Pratt's crushed rock, clean san rock screenings and washed grav from Marysville, Prattrock (near Fo som), Sacramento or Prattco (Mo terey County).

lans Being Figured.
ESIDENCE Cost, $9000
AN FRANCISCO, St. Francis Wood.
ne-story and basement frame and stucco residence with shingle roof.
wner—Mrs. O. D. Short.
rchitect—Masten & Hurd, 278 Post St., San Francisco.
Figures are being taken for a general contract.

ids In.
ESIDENCE Cost, $14,000
AN JOSE, Santa Clara Co., Cal., Evergreen.
ne-story frame and stucco residence with tile roof (8 rooms).
wner—P. L. Mirassou.
rchitect—Wolfe & Higgins, Auzerais Bldg., San Jose.

lans Being Figured.
ESIDENCE Cost, $7500
AN JOSE, Santa Clara Co., Cal., Morrison Ave.
ne-story 5-room frame and stucco residence.
wner—Mrs. Lena Pollard.
rchitect—Wolfe & Higgins, Auzerais Bldg., San Jose.

lans Being Prepared.
ESIDENCE Cost, $14,000
AN FRANCISCO, Balboa Park.
wo-story 8-room frame and stucco residence.
wner—R. A. Brassy.
rchitect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Plans will be ready for figures in wo weeks.

lans Being Figured.
ESIDENCE Cost, $8000
AN JOSE, Santa Clara Co., Cal.
½-story frame and stucco residence with shingle roof.
wner—Dr. H. Barocchi, Bank of Italy Bldg., San Jose.
rchitect—Wolfe & Higgins, Auzerais Bld., San Jose.

lans Being Figured—Bids Close April 12, 1924.
ESIDENCE Cost, $9000
OS GATOS, Santa Clara Co., Cal.
ne-story frame and stucco 6-room residence.
wner—Withheld.
rchitect—Wolfe & Higgins, Auzerais Bldg., San Jose.

ontract Awarded.
UNGALOWS Cost, $150,000
APITOLA, Santa Clara Co., Cal.
6 1-sto. frame bungalows (Bungalow Court).
wner—Roth Realty Co., Capitola. Cal
rchitect—Wolfe & Higgins, Auzerais Bldg., San Jose.
ontractor—C. T. Baird, Los Gatos.

lans Being Prepared.
ESIDENCE Cost, $12,000
AKLAND, Lakeshore Ave.
wo-story frame and brick veneer residence.
wner—Withheld.
rchitect—Clay N. Burrell, American Bank Bldg., Oakland.

ontract Awarded.
ESIDENCE Cost, $13,468
AKLAND. Cupid Road, Lakeshore High Lakeshore Highlands.
wo-story frame and stucco residence with tile roof (10 rooms).
wner—Henry Kulhmeyer, 663 61st St., Oakland.
rchitect—H. H. Gutterson, 526 Powell St., San Francisco.
ontractor—The Geo. J. Manrer Co., 177 Ridgeway Ave., Oakland.

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3212 Baker St., Berkeley, Calif.

Contract Awarded
RESIDENCE Cost. $12,440
REDWOOD CITY, San Mateo Co., Cal.
One-story reinforced concrete residnce.
Owner—W. J. Dusel, 20 Finger St., Redwood City.
Architect—Edw. G. Bolles, 233 Post St., San Francisco.
Contractor—Groom & Whlenberg, 108 Stratford Ave., Redwood City.

Contract Awarded.
RESIDENCE Cost, $9950
REDWOOD CITY, San Mateo Co., Cal.
Two-story frame and stucco residence.
Owner—Chas. Lightner.
Architect — N. W. Sexton, Chronicle Bldg., San Francisco.
Contract awarded to Miller & Van Horn, San Francisco.

Contract Awarded.
RESIDENCE Cost, $15,000
BURLINGAME, San Mateo Co., Burlingame Ave. Lot 16 Blk 3.
Two-story frame residence.
Owner—Chas. H. Seymour, 1500 Burlingame Ave., Burlingame.
Contractor—Mitchell-Jackson, Inc., 120 2nd St.

Contract Awarded.
RESIDENCES Cost, $11,000
SAN JOSE, 13th near San Antonio.
Two-story 7-room residences.
Owner—Arthur Crane.
Architect—Chas. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—E. Nommensen, 101 South 16th St., San Jose.

Contractors, Builders, Engineers, You Can Now Protect Your Checks right on the job if you have a
"Security
CHECK PROTECTOR FOUNTAIN PEN"
The Steel Cutting Wheel on the end perforates and forces a red acid proof ink into the fibre of the paper, protecting the amount, payee's name date, number of check, and all kinds of negotiable papers
NEW FROM END TO END
Most perfect writing instrument made.
PRICES
$3.50 to $7.00
COUNTY and GENERAL AGENTS WANTED
SECURITY SALES CO.
253 MONTGOMERY STREET
San Francisco, Calif.

Contract Awarded.
RESIDENCE Cost, $9860
SAN FRANCISCO, N Yerba Buena E Santa Clara.
Two-story and basement frame residence.
Owner — Mrs. G. Clift, 1355 Portola Drive, San Francisco.
Architect—Albert J. Fabre & E. H. Hildebrand, 110 Sutter St., San Francisco.
Contractor—Carl T. Wengard 1286 34th Ave., San Francisco.

Contract Awarded.
RESIDENCE Cost, $15,000
PALO ALTO, Santa Clara Co., Cal., Stanford Campus.
Two-story frame and stucco residcnce with tile roof (10 rooms).
Owner—Dr. C. L. Alsberg, Palo Alto.
Architect—John K. Branner, 251 Kearny St., San Francisco.
General contract except tile roofing, awarded to Minton Lumber Co., 541 Front St., Mountain View, Santa Clara County. Tile roofing to be awarded to Gladding McBean, Crocker Bldg., San Francisco at $845.

RESIDENCES Cost, $10,700 each
SAN FRANCISCO, Lots 12 & 15 Blks 2 & 3 St. Francis Wood.
Two 2-story frame residences.
Owner—Westgate Park Co., 278 Post St San Francisco.
Architect—Masten & Hurd, 278 Post St. San Francisco.
Contractor — Henry Papenhausen, 532 3rd Ave., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $15,000
PALO ALTO, Santa Clara Co., Cal., Stanford University.
Two-story frame and stucco residence with shingle roof.
Owner—Withheld.
Architect—Birge M. Clark, 600 Embarcadero Rd., Palo Alto.
Plans will not be ready for figures for at least two months.

Contract Awarded.
RESIDENCE Cost, $15,889
OAKLAND, Alameda Co., Cal., Crocker Highlands, Lots 37 & 38.
Two-story frame residence and garage
Owner—Georgiana and Jesse H. Woods Henshaw Bldg., Oakland.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—S. F. Builders, Inc., 2007 San Pablo Ave., Berkeley.

Plans Being Prepared.
DWELLINGS Cost, $5000 each
PALO ALTO, Santa Clara Co., Cal.
Five 1-story frame dwellings.
Owner—Names withheld.
Architect—Birge M. Clark, 600 Embarcadero Rd., Palo Alto.

LOS ANGELES, Cal.—Maud A. Roberts, 1519 S. Westmoreland Ave., has had plans prepared and will erect two 36-room, 4-family residence bldgs. at n.w. cor. of Cimmaron and West Adams Sts. for herself. Each will be 2-story, 86x87 ft., frame and plas. construction, tile rfg., pine trim, oak and pine flrs. tiled baths, gas rads., water htrs., fireplaces; $70,000.

TOMALES, Sonoma Co., Cal.—Until April 17, 3 p. m., bids will be rec. by Brainerd Jones, architect, 226 Washington St., Petaluma, to erect frame cottage in First St., bet. Church and Carrie Sts. Plans may be obtained from the owner, H. Goudy at Tomales or from the architect.

BEVERLY HILLS, L. A. Co., Cal.—Winter Constr. Co., L. A. Ry. Bldg., has the contract to erect a 15-room Spanish residence, Bel-Air, for L. A. Brunson. Carleton M. Winslow, 921 van Nuys Bldg., L. A., archt. Brick walls, plaster exter., 2-story and basement, tile rfg., 4 tiled baths and kitchen, hardw. flrs. and trim, gas unit htg. sys., water htr., mantels, etc.; $80,000.

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Manufacturers of Specialties
Paints, Waxes, Dyes, Polishes
2886 16th St. San Francisco

SCHOOLS

Plans Being Prepared.
SCHOOL BLDG. Cost, $150,000
PALO ALTO, Santa Clara Co., Calif.
Two-story reinforced concrete, 13 rooms, grammar school.
Owner—Palo Alto Grammar School District.
Architect — Birge M. Clark, 600 Embarcadero Road, Palo Alto and Allison & Allison of Los Angeles, asociated.
Plans will be ready for figures in about two months.

Plans Being Figured—Bids Close April 28, 1924, 8 p. m.
SCHOOL Cost, $60,000
FOLSOM, Sacramento Co., Cal.
One-story brick high school bldg. (7 classrooms and combination gymnasium and auditorium.
Owner — Folsom Union High School District.
Architect—Geo. Sellon & Co., Mitau Bldg., Sacramento.
Deposit of $25 required on plans.
Segregated figures will be taken as follows:
General contract.
Masonry and carpenter work.
Plumbing.
Heating.
Electrical work.
Painting.
Plastering.
Roofing.
Sheet metal work.
Program clocks.

Completing Plans.
ADDITION Cost, $12,000
PALO ALTO, Santa Clara Co., Walter Hayes School.
Two-room frame and stucco addition to school.
Owner — Palo Alto Grammar School District.
Architect—Birge M. Clark, 600 Embarcadero Rd., Palo Alto.
Plans will be ready for figures in about 2 weeks.

Plumbing and Electrical Contracts Awarded.
SCHOOL Cost, $60,000
ALVARADO, Alameda Co., Sal.
One-story hollow tile school (16 rooms and an auditorium).
Owner — Alvarado Grammar School District.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.
General Contractor — E. T. Leiter & Son, Oakland ($19,292).
Plumbing to Geo. Asmussen, Hayward $2172. 50.
Electrical work to Roy M. Butcher, San Jose, $427.
As reported before, the heating was awarded to Allen C. Douglas, 2726 Humboldt, Oakland, $4116.25.

Preliminary Plans Approved.
SCHOOL Cost, $450,000
EUREKA, Humboldt Co., Cal.
Reinforced concrete high schhool.
Owner—Eureka High School District.
Architect—John J. Donovan, Tapscott Bldg., Oakland.
Preliminary plans approved and working drawings ordered. Bonds were recently voted.

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April 5, 1924

Contracts Awarded.
SCHOOL Cost, $—
PASO ROBLES, San Luis Obispo Co.
Two-story reinforced concrete & brick school bldg.
Owner — Paso Robles Union High School District.
Architect—Orville L. Clark, Chas. C. Chapman Bldg., Los Angeles.
General contract to Anton Johnson, 1007 So. Grand St., Los Angeles, $137,490.
Electrical work to American Electric Constr. Co., 521 E-9th St., Los Angeles, $11,273.
Plumbing to Geo. F. Bell, Paso Robles $6668.
Heating to E. M. Payne, San Luis Obispo, $9308.
Hardware to Geo. F. Bell, Paso Robles, $1746.

Plans Being Figured—Bids Close April 23.
SCHOOL Cost, $85,000
SPARKS, Nevada.
Two-story brick junior high school 85 by 190 ft.
Owner — Sparks Junior High School District.
Architect — F. J. DeLongchamps, Gazette Bldg., Reno, Nevada.
Bonds of $125,000 voted to erect and furnish structure.

LOS ANGELES, Cal. — Reed Bros. Construction Co., Wilshhire Bldg., were low bidders at $56,289 for 2-story bldg. and J. A. Hill Construction Co. was low bidder at $76,000 for 3-story bldg. for erecting new school at Virginia Road school site. The bids were: General contract—Reed Bros. Construction Co., $56,289 and $79,900; J. A. Hill Construction Co., $57,878 and $76,000; North Pacific Construction Co., $56,500 and $78,800; J. C. Bannister, $56,600 and $79,300; Macdonald & Driver, $57,000 and $80,900; Eastman & Sweeney, $57,000 and $79,000; John I. Kane Co., $57,788 and $78,763; Schilling & Brown, $58,000 and $80,360; H. H. Hinds, $58,390 and $80,940; J. B. Dawson. $58,490 and $80,335; Anton Johnson, $60,290 and $81,280; Gillis & Shepard, $62,708 and $89,995; H. W. Schlueter, $61,757 and $86,757; Metzger & Son, $63,895; R. H. Whinery, $60,200 and $83.375; Willard-Brent Co., $66,486 and $88,927. Painting—Parker-Judge Co., $1389 & $2079; R. P. Tuttle Co., $1620 and $2359; Arenz-Warren Co. $1623 and $2333; Alhambra Wall Paper & Paint Co., $1645 and $2325; Paul B. Johnston, $1440 and $2111; Leo H. Hubbert, $1675 and $2497; E. Drawbaugh, $1755 and $2582; H. H. Mann. $1880; E. A. Lindgreen, $2000 and $3778. Wiring—Amer. Elec. Construction Co., $2284.70 and $452; Graham Electric Co., $2420 and $455; Peerless Elec. Co., $2548 and $445; Soengen Elec. Co., $2616 and $648; R. H. Evans Elec. Co., $2843 and $531; H. H. Walker, $2875 and $723. Plumbing—Stoneman & Walker, $5170 and $6900; G. C. Sutton, $5329 and $7068; Ora King, $5752 and $7678; Ashworth & Gallop, $5774 and $7603; E. W. Crowell, $6292 and $8188. W. H. Robinson, $6466 & $8316; Johnson Plumbing & Heating Co., $8646 and $10,440. Heating—Hickman Bros., $5,322.93 and $7062.90; Ashworth & Gallop, $6172 and $8317; Dauch Heating and Engr. Co., $6500 and $7700; Thos. Haverty Co., $6768 and $8547; Emerson & Keeler, $6893 and $8413.

HUNTINGTON PARK, Los Angeles Co., Cal.—Edwards, Wildey & Dixon Co., 515 Black Bldg., were awarded the general contract at $168,000 for erecting a new high school building at Huntington Park Union High School site. Alfred W. Rea and Chas. E. Garstang, 905 Trust & Savings Bldg., are the architects. Other contracts were awarded as follows: Plumbing to F. A. Zorn of Downey at $10,862; heating to Thos. Haverty Co. at $5760; and painting to E. Drawbaugh at $5980.

SALEM. Ore.—Following contracts awarded to erect new high school from plans of Architects Knighton and Howell, United Bank Bldg., Portland:
General: Hansen, Hammond and Clich, Portland, $125,623.
Heating: Rushlight, Hastorf and Lord, Portland, $21,367.
Plumbing: J. A. Bernardl, Portland, $9916.
Electric work, Morrison Electric Co., low at $6648. Taken under advisement.

SALINAS, Monterey Co., Cal.—The following bids were received on April 4th, 1924, at 8 o'clock p. m., by the Board of Education of the City of Salinas for the construction of the Lincoln and Roosevelt school. Plans were prepared by Architects John J. Donovan and Davis-Heller-Pearce Co.. Associated, 1916 Broadway, Oakland.
The bid of John Branagh was rejected as he filed a Bidders Bond instead of a Certified Check and contract was awarded to the next lowest bidder, J. F. Shepherd, 234 N Madison Street, Stockton, on propositions 1 and 2.
The heating was awarded to Stockton Plumbing Supply Co., 327 E Miner Ave., Stockton, plumbing to Merritt & Parlier of 57 S Market St., San Jose and the electrical work to W. E. Evans 272 Main St., Salinas.

General contract

John E. Branagh, 184 Perry St. Oakland $79,000
Alternate No. 1 add $3436; No. 2 add $7500; No. 3 add $10.069.
H. Betz, Sacramento 80,646
(1) $3875; (2) $7814; (3) $11,960.
J. F. Shepherd, Stockton..... 80,777
(1) $3603; (2) $6063; (3) $13,073
West Coast Construction Company, San Francisco..... 82,000
(1) $4123; (2) $7642; (3) $11,947
Herndon & Finnigan, Sacto.... 86,345
(1) $4144; (2) $8440; (3) $12,985
H. R. Sherman, San Jose..... 93,023
(1) $6622; (2) $11,772; (3) (3) $17,070.
Larsen-Siegrist Company. S. F. 94,077
(1) $4163; (2) $9119; (3) $13,254
F. C. Carlson, Salinas..... 98,290
(1) $6622; (2) $11,772; (3) (3) $17,070.

Heating

Stockton Plumbing Supply Co., 327 E Miner Ave., Stockton....$8092
(1) $319; (2) $644; (3) $692.
B. E. Underwood, Salinas..... 9088
(1) 289; (2) $593; (3) $934.
Merritt & Parlier, San Jose..... 9499
(1) $182; (2) $317; (3) $477.
Geo. Schuster, Oakland..... 9844
(1) $246; (2) $492; (3) $738.
Anderson & Daugherty, Salinas... 9862
(1) $296; (2) $601; (3) $888.

Plumbing

Merritt & Parlier, 57 S Market St., San Jose .....$ 8,413
(1) $351; (2) $308; (3) $388.
Stockton Plumbing Supply Co., Stockton 9,392
(1) $245; (2) $431; (3) $700.
B. E. Underwood. Salinas..... 9,699
(1) $273; (2) $476; (3) $807.
Anderson & Daugherty, Salinas 10,250
(1) $530; (2) $946; (3) $1226.
Hateley & Hateley, Sacramento 11,347
(1) $218; (2) $417; (3) $960.
Carl Doell. Oakland 11,648
(1) $288; (2) $476; (3) $654.
L. J. Kruse, Oakland 12,720
(1) $215; (2) $406; (3) $597.
Wm. Serpa & Garden City Metal Works, San Jose 13,248
(1) $432; (2) $650; (3) $827.

Electrical Work

W. E. Evans 272 Main St., Salinas.$2381
(1) $2423; (2) $2466; (3) $2508.
Roy M. Butcher, San Jose 3350
(1) $71; (2) $72; (3) $62.50.
John A. Anderson, Salinas..... 3924
(1) $9.69; (2) $45.37; (3) $12.98.

LOS ANGELES, Cal.—The board of education has postponed the time for receiving bids for new Micheltorena school bldg. until 9 a. m. of April 11.

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LOS ANGELES, Cal.—E. O. Nay Co., Pasadena, was the low bidder at $71,-920 for installing the new heating system in the Polytechnic high school, Pasadena. Other bids were L. Z. Brown $72,517; W. F. Creller, $73,991; Munger & Munger, $74,220; Emerson & Keeler, $76,860; Thomas Haverty Co., $83,900. Bids under advisement, John C. Austin, Detwiler Bldg., L. A., archt.

SAN FRANCISCO—Until April 16, 3 P. M. bids will be rec. by Board of Public Works for grading and erecting wire fencing and miscellaneous work at Washington Irving school grounds in Broadway bet. Montgomery and Sancome streets. Segregated bids are desired for (1) grading, est. cost $1,-600; (2) wire fence and misc. iron work. $1600. Bond of $400 will be required of successful bidder under each segregation. Specifications are obtainable from Bureau of Architecture, 2nd floor, City Hall.

HUNTINGTON PARK, Los Angeles Co., Cal.—Architects Train & Williams, 226 Western Mutual Life Bldg., have been commissioned to prepare plans and specifications for a branch high school building to be erected at Bell for the Huntington Park Union High School District.

SUISUN, Solano Co., Cal.—Nels Hokanson, Vallejo, at $11,900 awarded contract by Green Valley School District to erect new two-room school building. Other bids were: Frank Lamb, Vallejo, $11,995; James Bitcon, Vallejo, $12,250; S. J. Weeks, Vallejo, $11,945; W. O. Kilpatrick, Fairfield, $11,990.

VENICE, L. A. Co., Cal.—Robert E. Millsap, 423 Marsh-Strong Bldg., was awarded a contract at $41,990 for erecting additions to the junior high school bldg. at Venice union high school site, Venice; Russell & Alpaugh, 1106 Story Bldg., archts. J. C. Bannister, 903 N Mariposa Ave., was awarded a contract at $53,266 for erecting a gymnasium bldg. and a contract at $27,000, with an addition of $4515 for an extra room. for erecting a shop bldg. All bldgs. will be of brick construction with rug. brick facing, tiled and comp. rfg. The contract for plumbing was let to Venice Sanitary Plumbing Co. at $7262.60. Bids for electric wiring were held under advisement.

REDWOOD CITY, San Mateo Co., Cal—Until April 18, 3:30 p. m., bids will be rec. by Henry Steinberger, clerk, Redwood City School District, to fur. and lay linoleum in Intermediate school. Linoleum to be equal to Walton Process Armstrong manufacture Battleship 6 m.m. Thickness ¼-gauge, .235 weight 1.33 or eq. All surface before linoleum is laid to be covered with saturated deadening felt weighing 1½-lbs. to sq. yd. Further information obtainable from clerk.

LOS ANGELES, Cal. — J. F. Kobler, 507 N Serrano St., was the low bidder at $59,129 for erecting a new school bldg. at 37th St. school site. Low bidders on the other contracts were: Parker-Judge Co. on painting at $1702; American Electric Constr. Co. on wiring at $2387.90; Stoneman & Walker on plumbing at $5570; and Hickman Bros. on heating at $5598.45. The bids were: General contract—J. F. Kobler, (a) $59,129 for 2-story bldg. designed for 3-story; (b) $80,300 for 3-story bldg.; (c) $55,237 for 2-story bldg.; North Pacific Constr. Co., (a) $60,900; (b) $81,400; (c) $59,400; Rudine & Chytraus, (a) $61,500; (b) $87,500; (c) $61,-000; John B. Dawson, (a) $61,630; (b) $84,100; (c) $60,200; H. W. Schlueter, (a) $61,357; (b) $85,300; (c) $58,350; Willard-Brent Co., (a) $62,569; (b) $86,125; (c) $59,000; Reed Bros. Constr. Co., (a) $62,818; (b) $83,500; (c) $61,000 Witt & Chute, (a) $63,140; (b) $87,140; (c) $61,000; J. A. Hill Constr. Co., $64,-900; (b) $89,950; (c) $62,500; R. H. Whinery, (a) $65,897; (b) $87,920; (c) $61,586; Dan Callahan, (a) $67,796; (b) $95,000; (c) $62,210; Sordel & Mayson, (a) $68,816; (b) $91,728; (c) $64,800; A. V. Perkinson, (a) $69,187; (b) $90,-717; (c) $62,984; Pierson & Johnson, (a) $73,959; (b) $91,934; (c) $72,208. Painting—Parker-Judge Co., $1702; $2409 for 3-story bldg.; R. P. Tuttle Co. $1895; (b) $2673; Alhambra Wall Paper & Paint Co., $1771; (b) $2517; E. Drawbaugh. $1970; (b) $2630; Paul B. Johnston, $1990; (b) $2700; Arenz-Warren Co., $1993; (b) $2878; E. A. Lindgreen, $2162; (b) $3000; Leo H. Hubbert, $2619; H. H. Mann, $2680. Wiring—Amer. Elec. Cons. Co., $2387.90 (a) add for 3rd sto., $253.10; Graham Elec. Co., $2453; (a) $350; Peerless Elec Co., $2473; (a) $277; H. H. Walker, $2555; (a) $460; Soengen Elec. Co., $2595; (a) $373; R. H. Evans Elec. Co., $3348; (a) $363. Plumbing—Stoneman & Walker, $5570; (a) $6960 for 3-story bldg.; Ashworth & Gallop. $5377; (a) $7675; G. C. Sutton, $6556; (a) $7776; Ora King, $6636; (a) $8216; E. W. Crowell, $6776; (a) $7998; Hickman Bros., $6947; (a) $8573. Heating — Hickman Bros., 5598.45; (a) $6621.52; Munger & Munger, $5996; (a) add $1415 Thos. Haverty Co., $6516; (a) $8216; Dauch Heating & Engineering Co., $6,-600; (a) $8000; Ashworth & Gallop, $6,-786; (a) $8356; Emerson & Keeler, $6834; (a) $8338.

SAN DIEGO, San Diego Co., Cal. — Plans for the new high school auditorium. prepared by Archt. Lincoln Rogers and his associate F. W. Stevenson, have been approved, but the archts. have been ordered to submit an estimate of their cost (in the event that the cost exceeds $250,000) with suggestions of decreasing it without impairing the seating capacity of the bldg. planned. Bldg. as designed will be 2-story seating 2500, with stage capable of holding 300. There will be dressing rooms, kitchenette, etc.

PASO ROBLES, San Luis Obispo Co., Cal.—Bids were opened on April 3, 1924 at 7:30 p. m., by the Board of Trustees of the Paso Robles Union High School District, for the construction of a two-story reinforced concrete and brick high school building. Plans were prepared by Architect Orville L. Clark, 518 Chas. C. Chapman Building, Los Angeles. Bids were taken under advisement.

General Contract

Anton Johnson Co., 1007 Grand Los Angeles $137,490
Alternate No. 1add $330; No. 2 deduct $580; No. 3 deduct $24,070; No. 4 deduct $—.

Bennett & Edw. A. Waugh, Los Angeles..... 137,500
(1) $1321; (2) $775; (3) $22,-544; (4) $8357.

Cochrane & Boehm Co., Inc., San Francisco 137,674
(1) $1079; (2) $2000; (3) $23,-843; (4) $7157.

West Coast Co., San Francisco 137,824
(1) $—; (2) $1000; (3) $25,-052; (4) $7504.

Cobby & Owsley, S. F. 141,000
(1) $200; (2) $2000; (3) $28,-400; (4) $8500.

Sample & Cody, S. F. 144,460
(1) $600; (2) $2000; (3) $25,-000; (4) $6500.

John Simpson, L. A. 144,720
(1) $250; (2) $600; (3) $24,-000; (4) $6500.

Reed Bros., Los Angeles..... 146,000
(1) $3246; (2) $1500; (3) $24,-000; (4) $4500.

W. W. Schlueter, L. A..... 149,391
(1) $500; (2) $1000; (3) $17,-000; (4) $4550.

W. D. Henderson, L. A..... 153,000
(1) $250; (2) $2000; (3) $22,-000; (4) $8000.

Wagner Constr. Co., Inc., S. F. 154,739
(1) $700; (2) $2200; (3) $28,-400; (4) $8500.

All Work Except Plumbing

E. Nommensen, San Jose.....$166,100
(1) $—; (2) $875; (3) $22,-957; (4) $9400.

Electrical Work

American Elec. Constr. Co., 521 East Ninth St., Los Angeles...$11,273
(1) deduct $692; (2) deduct $1347; (3) deduct $1546.

Paso Robles Elec. Co., Paso Robles 11,930
(1) $733; (2) $1425; (4) $1588.

Valley Elec. Co., San Luis Obispo 12,434
(1) $662; (2) $1125; (3) $1394.

Roy M. Butcher, San Jose..... 12,680
(1) $671; (2) $—; (3) $1800.

J. B. Hurst & Hunt Co., Paso Robles 12,736
(1) $698; (2) $1097; (3) $868.

Plumbing

Geo. F. Bell, Paso Robles.....$6668
E. M. Payne, San Luis Obispo..... 6830
Burnham Plumbing Co., S. F..... 7698
City Plumbing Co., Visalia..... 7878
Thos. R. Catton, Berkeley..... 8399
Wm. Serpa, San Jose 9980

Heating

E. M. Payne, San Luis Obispo...$ 9,308
(1) deduct $900; (2) deduct $—; (3) deduct $—.

Geo. Schuster, Oakland 10,984
(1) $724; (2) $1335; (3) $2140

Wm. M. Arthur Co., L. A..... 11,382
(1) $945; (2) $1274; (3) $1507.

Burnham Plumbing Co., S. F.... 11,858
(1) $965; (2) $1465; (3) $1804.

W. K. Nottingham, Oakland.... 11,988
(1) $536; (2) $1460; (3) $1600.

Thos. J. Kennedy, Martinez.... 12,100
(1) $824; (2) $1850; (3) $2180.

Ott Hardware Co., Santa Barbara 13,449
(1) $668; (2) $1600; (3) $2131.

Hardware

G. F. Bell, Paso Robles.....$1744
(1) deduct $—.

San Jose Hardware Co., San Jose 1985
(1) $267.

Union Hardware & Plumbing Co. Visalia 2478
(1) $250.

WHITTIER, Cal.—Archts. Allison & Allison, 1405 Hibernian Bldg., L. A., are preparing working plans for a dormitory bldg. to be erected at Whittier for Whittier College. It will contain about 30 rms.; 2-story, 126x42 ft., reinf. conc. constr., stucco exter.. cast stone trim, clay tile rfg., pine trim; $65,000.

SEATTLE, Wash.—M. Hoard & Co., Pantages Bldg., awarded contract to erect 2-story, 126 by 400 ft. class A 12-room school for St. Benedict's Parish; est. cost $150,000. Henry Bittman, architect and engineer, Seattle.

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POMONA, L. A. Co., Cal.—Rev. J. J. Sheehy, rector of St. Joseph's Catholic Church, has announced that a primary school costing about $22,000 will be erected within a few weeks. As soon as the purchase of the property is complete construction will be started. Plans are under way.

PALO ALTO, Santa Clara Co., Cal.—Archts. Allison & Allison, 1405 Hibernian Bldg., and Birge M. Clark, Palo Alto, are completing plans for a new grammar school bldg. to be erected at Palo Alto. Reinf. conc. constr., stucco exter., cast stone trim, clay tile rfg.; $130,000.

LOS ANGELES, Cal.—Archts. H. L. Gogerty and Noerenberg & Johnson, assoc., L. A. Ry. Bldg., L. A., are completing plans for the 18-rm. additional unit at the Edison school, Long Beach. Conc. found., corridor fls. and stairs, brick walls, stucco exter., art stone trim, tile and comp. rf., hardwd. classroom fls.

SANTA ANA, Orange Co., Cal.—The $150,000 high school bond issue has been sold by the county supervisors to the Wells-Fargo Bank and Union Trust Co., and Heller, Bruce & Co. of San Francisco, on a joint bid of $1,513.95 premium, par and accrued interest.

CENTERVILLE, Alameda Co., Cal.—Until April 26, bids will be rec. by trustees of Washington Union High School District to install water supply system consisting of overhead steel tank and structure. Plans obtainable from Henry H. Meyers, architect, Kohl Bldg., San Francisco.

ALHAMBRA, L. A. Co., Cal.—J. S. Metzger & Son, 1007 S Grand Ave., were awarded the general contract at $42,054 for erecting additions to the administration bldg. at Alhambra high school; Hunt & Burns, 701 Laughlin Bldg., L. A., archts. Other contracts were awarded as follows: Sheet metal work to St. Louis Cornice Works at $963; plastering to A. C. Wade, Long Beach, at $6195; painting to Parker-Judge Co. at $2603; plumbing to South Pasadena Plumbing Co. at $3052; clocks and bells to Pacific Electric Clock Co. at $292; hardware to Bennett-Montgomery Hardware Co. at $1900; blackboards to T. N. Fierce at $1563; gas steam heating to Coast Radiator Corp. at $260; electric wiring to S. & H. Service Electric Co. at $2690.40; heating and ventilating to Hoagland-Lakin Co. at $2395; steel partitions to J. E. Dwan at $362.

STOCKTON, San Joaquin Co., Cal.—Bids will be asked shortly by Board of Education, Ansel S. Williams, secy., for electric work, cement and some carpentry work in connection with proposed 10-room Southeast school, estimated to cost $78,000. Bids will be asked at a later date for the interior finish, blackboards, painting, heating, etc. Further details will be given when bids are officially called.

BEVERLY HILLS, L. A. Co., Cal. — Carpenter Bros., Beverly Hills, were awarded the general contract at $64,500 for erecting a new school bldg. at Beverly Vista site at Beverly Hills; Francis J. Catton, Burton Arms Apts., L. A., archt. Plumbing contract was let to E. W. Crowell Co. at $6298; and painting to Parker-Judge Co. at $2094. Bids for heating were rejected and new bids taken for steam heating. The bldg. will contain 11 rms.; 2-story, 59x128 ft., brick constr., press. brick and Tufa stone exter., clay tile and comp. rfg., pine trim.

LOS ANGELES, Cal. — Henry W. Schlueter, Black Bldg., was low bidder at $56,950 on bid No. 1 for erecting a new bldg. at Angeles Mesa school site. Several alternate bids were submitted which might change the relative standing of the bidders. Low bidders on other contracts were: Parker-Judge Co. on painting at $1389; Ashworth & Gallop on plumbing at $5752; American Electric Constr. Co. on wiring at $1198.70; and Hickman Bros. on heating at $4940. The bids were: General contract—Henry W. Schlueter, $56,950; Dan Callahan, $56,998; Macdonald & Driver, $57,549; J. B. Dawson, $57,630; Witt & Chute, $57,700; R. H. Whinery, $57,870; John I. Kane & Co., $57,980; R. E. Millsap, $58,290; Jos. G. Klapper, $58,450; H. H. Hinds, $58,550; J. A. Hill Constr. Co., $58,700; May & Hellman, $59,616; A. V. Perkinson, $59,800; North Pacific Constr. Co., $61,250; Gillis & Shepard, $61,023; J. T. Armstrong, $61,372; Barkelew & Gould $67,954; Willard-Brent Co., $62,919. Wiring—Amer. Elecl Constr. Co., $1,198.70; Graham Electric Co., $1304; H. H. Walker, $1498; Peerless Electric Co. $1518; Soengen Electric Co., $1850. Heating—Hickman Bros., $4940; W. H. Robinson, $5087; Ashworth & Gallop, $5529; Emerson & Keeler, $5838; Thos. Haverty Co., $5912; Dauch Heating & Engr. Co., $6267. Painting—Parker-Judge Co., $1389; Paul B. Johnston Co., $1680; Arenz-Warren Co., $1794; Leo H. Hubbert, $1800; Alhambra Wall Paper & Paint Co., $1844; E. A. Lindgreen, $$1900; R. P. Tuttle & Co., $$1945. Plumbing—Ashworth & Gallop, $5752; E. W. Crowell Co., $5959; G. C. Sutton, $6000; Ora King, $6375; W. H. Robinson $6577. T. Beverly Keim, Jr., Haas Bldg. L. A., archt.

BANKS, STORES & OFFICES

Contract Awarded.
OFFICE, ETC. Cost, $80,000
SAN FRANCISCO, NW 10th & Howard Streets.
One-story and basement reinforced concrete class B office, warehouse and showroom bldg.
Owner—T. W. Corder.
Lessee—Sloss & Brittain.
Architect—M. V. Politeo, 1st Natl. Bk. Bldg., San Francisco.
Contractor—G. P. W. Jensen, 320 Market St., San Francisco.
Contract includes all work except steam heating and elevators, which have not been awarded as yet.

Contract Awarded.
DEPARTMENT STORE Cost, $50,000
RICHMOND, Contra Costa Co., Cal., Cor. Macdonald Ave. and Ninth St.
Two-story and mezanine reinforced concrete, brick and steel department store and office bldg.
Owner—J. Albert.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
Contractor — P. M. Sanford, Builders Exchange, Richmond.

Contract Awarded.
ALTERATION ETC Cost, $10,000
SAN FRANCISCO, SW Van Ness Ave. and Sutter St.
Alter and add for 9 stores.
Owner—United Cigar Stores Co., 555 Howard, San Francisco.
Contractor—Wm. Martin, 180 Jessie St., San Francisco.

Segregated Figures To Be Taken Next Week.
STORE & LOFT Cost, $29,000
SAN FRANCISCO, N Hays west of Van Ness Ave.
Two-story brick store and loft bldg.
Owner—Vernon Investment Co., Conlin Estate, 315 Montgomery St., S. F.
Architect — O'Brien Bros., 315 Montgomery St., San Francisco.
Building will contain 3 stores and will have brick walls.

LOS ANGELES, Cal. — Archt. C. F. Skilling, Bradbury Bldg., has prepared preliminary plans for a 14-story, basement and sub-basement class A store and office bldg. to be erected at n.w. cor. of 6th and Flower Sts., for Edward Fesser and associates. There will be 9 stores and 14 shops in first story, 724 offices in the upper stories, and garage space for 142 cars in the basement. Dimensions, 121x175 ft., steel fame construction, terra cotta and press. brick facing, reinf. conc. flrs., brick walls, hardwood trim, marble and tile work, 6 elec. elevators.

LOS ANGELES, Cal.—Arlht. John M. Cooper, 321 Marsh-Strong Bldg., has prepared plans and has the contract to erect a 2-story brick store and loft bldg. on Flower St., bet. 7th and 8th Sts. for Mrs. Frances Winstel. Dimensions, 50x140 ft., brick walls, press. brick facing, plate glass windows, steel beams, comp. rfg., metal skylights wood and cem. fls.; $35,000.

GARDENA, L. A. Co., Cal. — Archts. Richard D King, 519 Van Nuys Bldg., L. A., and Frank Goodwin, Compton, assoc., have completed plans and will take bids next week for a bank and office bldg., to be erected at Gardena, for the First National Bank of Gardent; it will have banking space on first fl and office suites on second. Dimensions, 50x80 ft., brick walls, 2-sto and basement, press. brick and terra cotta trim, cement, tile and hardw. fls., plate glass, struc. steel, gas htg., metal skylights, steel sash; bids will be taken at Mr. Goodwin's office at Compton.

OAKLAND, Cal.—See "Garages," this issue.

SAN DIEGO, San Diego Co., Cal. —Archt. Eugene M. Hoffman, 408 Spreckels Bldg., San Diego, has completed plans for a 3-story conc. brick and steel addition to the store bldg. of Whitbey & Co. at 946 Sixth St. The new bldg. will be 50x100 ft. and contain a basement.

LOS ANGELES, Los Angeles Co., Cal. —Architect Harry L. Pierce, 603 Wright & Callender Bldg., is preparing plans for a one-story automobile sales and service building, to be erected on the northeast corner of Avenue 50 and Pasadena Ave., for Albertson Motor Co. One-story, 100x125 feet, brick walls, rug. brick front, art stone trim, composition roofing, steel sash, cement and wood floors, plate glass.

LOS ANGELES, Cal. — Preston S. Wright Co., 3981 W 6th St., has had plans prepared and will erect a 2-story class C store and loft bldg. on Shatto Pl. near Wilshire Blvd. Dimensions, 140x151 ft., brick walls, press. brick facing, plate glass windows, steel beams, tile and comp. rfg., pine trim, cem. and wood fls., steel sash, metal skylights; $65,000.

PHOENIX, Ariz.—Archt. Edward L. Mayberry, 472 Pac. Elec. Bldg., is preparing plans for a 2-story top addition to a 4-story and basement office bldg. to be erected at cor. Washington and Central Sts., Phoenix, Ariz., for Roy S. Goodrich. Reinf. conc. constr., L-Shape, hollow tile curtain walls, press. brick facing, comp. rfg., 2 new elec. elevators, plate glass, extension to present steam htg. sys., hardw. trim, cement fls., hollow tile partitions, ornam. iron work; $70,000.

LOS ANGELES, Cal.—Barnett Grossman and Moses Mayers, who are building the 3-story brick store and apt. bldg. at s.e. cor. Brand Blvd. and Dolan St. from plans by Archt. A. F. Priest, have taken a 99-year lease on 50-ft. fronting on Brand Blvd s of Lexington where they contemplate building a 3-story brick business block.

LOS ANGELES, Cal.—Salih Bros., Detwiler Bldg., have the contract and will start work soon, on a 1-story top addition to 3-story store bldg. at 635 S Broadway; for Harry Fink & Co. Rudolph Falkenrath, 202 Detwiler Bldg L. A., archt. Brick walls, 40x120 ft., comp. rfg., plate glass front, metal skylights, maple fls., struc. steel, new elec. elevator, marble and tile work; ornam stone, decorating and plastering; $45,000.

LONG BEACH, L. A. Co., Cal.—C. T. McGrew & Sons, 1345 W Ocean Blvd., Long Beach, have the general contract to erect a 6-story, basement and mezzanine store and loft bldg. at n.e. cor. Broadway and Locust Ave., Long Beach for the Boy's Shop, Inc. (Middough Bros., 128 W Broadway, Long Beach). Total cost of bldg. about $225,000. Harvey H. Lochridge, 700 Markwell Bldg., L. A., prepared the plans. Contracts have been let for the steel frame, electric heating system and elevators.

SANTA ANA, Orange Co., Cal.—Santa Ana Development Assn. has offered to erect a 4 or 5-story business bldg. for the Santa Ana Realty Board. The proposed bldg. would be located at second and N Broadway, and would contain headquarters for the board and offices. The board has appointed a committee consisting of Freeman H. Bloodgood, C. N. Grace, and Stanley Goode to investigate the offer.

LOS ANGELES, Los Angeles Co., Cal. —Architects John and Donald B. Parkinson, 420 Title Ins. Bldg., are preparing plans for a Class A telephone building to be erected at Meridian St. and Avenue 56 for the Southern California Telephone Co. It will be three-story and basement; designed for 7-story. Dimensions, 75x100 ft., steel frame, brick filler walls, pressed brick and terra cotta exterior, reinforced concrete floors, elevator, steam heating, composition flooring, steel sash.

LOS ANGELES, Cal.—Stanton, Reed & Hibbard, 622 Metropolitan Bldg., are preparing plans and have the contract to erect a 2-story store and office bldg. at s.w. cor. 7th and Westmoreland Ave. for a local client. There will be 9 stores, offices and studio lofts, two-story, 110x156 ft., brick walls, press. brick facing, art stone trim, steel lintels, comp. rfg., metal skylights, hardwd. fls., plate glass; $100,000.

THEATRES

Contract Awarded.
REMODEL Cost, $12,500
SACRAMENTO, 1011 K St.
Remodel basement.
Owner—Empress Theatre Co., premises
Contractor—Herndon & Finnigan, 1814 17th St., Sacramento.

Plans Being Prepared.
REMODEL THEATRE Cost, $10,000
LODI, 19 S School St.
General remodeling of theatre (painting, plastering, plumbing, wiring and carpentry).
Owner—The Lodi Theatre.
Architect—Mark T. Jorgensen, 110 Sutter St., San Francisco.
Plans will be ready for figures in about 60 days.

Completing Plans.
REMODEL THEATRE Cost, $15,000
ALAMEDA, 1318 Park St.
General remodeling of theatre (painting, plastering, plumbing, wiring and carpentry).
Owner—Strand Theatre.
Architect — Mark T. Jorgensen, 110 Sutter St., San Francisco.
Figures to be taken in two weeks.

LOS ANGELES, Los Angeles Co., Cal. —Architects Gable & Wyant, Room 8, 634 S. Western Ave., Los Angeles, are preparing plans for a brick store and theatre building to be erected at 118th and Main Sts., for a client, name withheld. Foundation, 94x140 ft., 4 stores, 600-seat theatre, 8 stores, face brick and plate glass front, composition roof, cement floor.

SAN PEDRO, L. A. Co., Cal.—Foss Designing & Building Co., 1007 Pacific Ave., San Pedro, has the contract and has started work on a 2-story theatre and office bldg., 45x100 ft. at n.e. cor. Santa Cruz St and Pacific Ave; est. cost, $35,000. The bldg. is being erected by Goebel Bros., who own the market bldg. adjoining and will be under the management of P. H. Poirier. The theater will seat 500. The bldg. will be Mission style throughout.

LOS ANGELES, Los Angeles Co., Cal. L. A. Smith, 3rd St. and Western Ave., has been commissioned to prepare plans for a new theatre, store and apartment building to be erected at Santa Monica Blvd. and Havenhurst Ave. for West Coast Theatres, Inc. The theatre auditorium will seat 1800 people.

WHARVES AND DOCKS

San Diego Co.—See "Miscellaneous Buildings" this issue.

SACRAMENTO, Cal. L. F. Youdall, Commercial and Savings Bank Bldg., Stockton, has been awarded a contract by the Pacific Gas and Electric Company, for the construction of a wharf and foundation for the fresh water intake at Station "D" electric generator station at Sacramento. Contract price $15,000.

BENTON, Mono Co., Cal.—Southern Sierras Power Co. have had plans prepared and will erect a power plant at Levining Creek, Calif. A. O. Adams, Bishop, Cal., will supervise constr. One story, 38x68 ft., reinf constr., asbestos shingle rfg., steel rf. trusses, steel sash, metal doors, cem. fls.

MISCELLANEOUS BUILDING CONSTRUCTION

SAN FRANCISCO—Until April 30, 3 p. m., bids will be rec. by Bd. Pub. Wks to fur. and install reinforced concrete trolley poles for Ocean View line of the Municipal Railway system; est. cost $20,000. A bond of $10,000 will be required of the successful bidder. Plans obtainable from Bureau of Engineering, 3rd floor, City Hall, on deposit of $5.

Plans Being Figured.
BUILDING Cost, $100,000
SAN FRANCISCO, 7th and Howard Sts.
Three-sto., reinforced concrete "Blindcraft" building.
Owner—S. F. Association for the Blind (Misses H. E., I. M. Cowell and Mr. S. H. Cowell, donors).
Architect—H. H. Meyers, Kohl Bldg., San Francisco.
Bids are being taken for a general contract and will be opened in about 2 weeks.

Plans Being Prepared.
BEACH RESORT Cost $—
COUNTY OF SAN DIEGO, Coast.
Beach Resort (hotel, wharf concessions, cottages, brick and terra cotta plant, planning, mill-rock crushing plant, water works, sewer system, grading, excavation, etc.)
Owner—Withheld.
Architect—M. J. Lyon, 916 Kearny St., San Francisco.
Mr. Lyons is desirous of having any circulars, catalogues or literature on machinery, etc., pertaining to the above construction work mailed him immediately.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 818 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

8089—San Jose, Costa Rica. Lumber importers are in the market to buy large quantities of plain boards, T & G boards, flooring boards and ceiling boards. C. I. F. quotations puntarenas are desired. Specifications are on file with Foreign Trade Bureau.

8090—United Kingdom. Firm of British manufacturers is desirous of appointing an agent for the sale of its friction drive power hammer, which is adapted for all kinds of forging and tool smithing, as well as for swaging, stamping, crossing or straightening purposes.

8093—San Francisco, Cal. Foodstuffs distributors of Melbourne, Australia, desire to buy a raisin seeding machine with a capacity of ten to fifteen tons daily. Their representative is now in California for this purpose.

8095—Tokio, Japan. Import house desires to buy cheap printing machines of small size in San Francisco and requests catalogs and price lists.

8097—Cristobal, Canal Zone. Party desires to buy miner's equipment, especially knocked down rockers, and invites inquiries from interested suppliers.

8105—Stockholm, Sweden. Exporter of iron and steel products desires to communicate with San Francisco importers.

8112 — Berkeley, Cal. Business man with eighteen years' foreign trade experience in Europe and the Orient as an exporter, importer, sales manager and buyer, for manufacturing concerns desires local connection. Excellent references.

8113 — Hamburg, Germany. Established import and export firm desires to communicate with San Francisco trade houses which wish to buy from, or sell to, Central Europe.

8114—Bremen, Germany. Exporter of window glass, bottles, scientific glassware, thermometers, pressed glass articles, and similar products is prepared to quote prices to San Francisco importers.

8115—Hamburg, Germany. Exporters of chemicals, wires, cement, glass, etc., will quote prices and make business arrangements with interested San Francisco houses.

8119—San Francisco, Cal. Young man with foreign trade and traffic experience desires a connection with a San Francisco business firm. Opportunity for experience more desired than large salary.

D-1179—San Antonio, Texas. Concern desires to get in touch with leading architects and two or three hardware firms.

Leads for Business

POLISHES—Superl Mfg. Co. (Los Angeles), Cunard Bldg. to 938 Howard.
Brello Mfg. Co. of Brooklyn (David Davis, rep.), 1300 7th.
PRINTING — Western Lithographing Co. of Los Angeles (J. A. Peterson, Quality Press), American Bank Bldg. to 988 Oak.
REAL ESTATE—F. W. Sinson 381 Bush
SECRETARIAL SERVICE — Sheppard Service Bureau, 74 New Montgomery.
STOCKS AND BONDS—S. E. Whiting 155 Montgomery.
MISCELLANEOUS — Central Market Street Assn. (Alfred Watson), 325 California.
H. F. Schaldach, 55 New Montgomery
Literary Service Bureau, 760 Market.
ADDRESS WANTED: Herschoff Furnace Co.
Local office Chas. E. Bedaux Co., (Cleveland).
ADJUSTERS — P. J. Duncan (insurance), 444 California to Clunie Bldg.
ART METAL—Bagdad Art Metal Co., 82 2nd.
ATTORNEYS — Thornton Wilson, Standard Oil Bldg.
J. T. Cline, 681 Market.
Walter Hoffman, 893 Market.
J. E. Bennett, 235 Montgomery to 55 Sutter.
AUTOMOTIVE—North End Auto Shop, 518 Pacific.
Acme Auto Sales Co., 584 Valencia.
BAKERIES—Blue Ribbon Bakery, 1391 9th Ave.
BEAUTY PARLORS — Claudia Beauty Parlors opening Union and Steiner.
BICYCLE SHOP—John Jessen (Quality Bicycle Shop), 3162 Mission.
CANDY—Tryfores & Lekas, 1782 Geary
CIGARETTES—Axton Fisher Tobacco Co. (Clown Cigarettes), 310 Brannan.
CIGARS—S. Bachman & Co., Inc. 331 to 115 Front.
CONTRACTORS—Allen-Bradley (electrical), Rialto Bldg.
DRUGS—Young Tuen Tong, 766 Clay.
DRY GOODS—N. C. D. Borden & Sons Inc., Marvin Bldg. to 22 Battery.
ENGINEERS — Robt. Marsh, Jr., 582 Market.
FLORISTS—J. A. Axell, 463 Bush to 191 Fifth.
Dometo Bros., 440 Bush to 167 5th.
FUEL—Hullon Coal Yard (formerly Nooney Coal Yard), 4092 24th.
GROCERS—Mrs. F. N. Lawson, 529 Buchanan.
HAIR DRESSING—Edw. H. Lind, 528 Geary.
IMPORTERS—K. Inoupe & Co. and K. Inukai Co., 444 Bush to 155 and 153 Fifth.
INSURANCE—F. L. South, 620 Market.
E. A. ANDERSON, 760 Market.
KNIT GOODS—Shaughnessy Knitting Co. (Watertown, N. Y.), Golden Gate Bldg.
LUMBER—Mitchell & Virden Lumber Co., 155 Montgomery.
LEASES—Store 1024 Market leased.
MFRS. AGENTS—Apex Sales Co., 214 Front.
MARKETS—New Dolores Market, 1001 Dolores.
MINING—Otto Halla, 235 Montgomery.
OSTEOPATHS — San Francisco Clinic Assn., 51 McCoppin.
PAINTING—Thomas & Richards. 1409 9th Ave.
PHYSICIANS—Dr. M. C. Measor to 135 Stockton.
Dr. C. D. Hart, 391 Sutter to 380 Post
Dr. W. I. Baldwin, 135 Stockton to 380 Post.
Dr. A. W. Hebert, 853 Hyde to 870 Market.
PUBLISHERS—Overland Monthly, 760 Market to Sentinel Bldg.
RADIO—Howard Radio Co., 712 Market
REAL ESTATE—Van Ness Realty Co. 3101 Fillmore.
Carroll & Foster, 1935 Divisadero.
Stemple & Cooley opened branch 927 Irving.
RESTAURANTS—Nicholson Bros. $50,000 alteration and expansion program 1214 Market.
SHEET METAL — Comyns & Nygren, 3221 16th to 39 Isis.
ANTIQUES—Old Curiosity Shop (B. M. Meller, S. C. Scamell, 1343 Sutter), branch Fillmore Place.
ARTISTS—McCourtney & Wolfe, Williams Bldg.
ATTORNEYS—G. H. Sullivan, Chronicle Bldg.
T. G. Negrich, 785 Market.
J. P. Clark, Marvin Bldg. to 760 Market.
R. B. McMillan, 760 Market to 155 Montgomery.
AUTOMOTIVE—Mitchell Repair Shop, 819 Ellis.
BAKERS' SUPPLIES—W. N. Crenshaw 655 Battery.
BEAUTY PARLORS — Perry's Beauty Shop, 3684 18th.
BROKERS—A. H. McInnis, Jos. Edmondson and Kleinjung (wool), Bank of Italy Bldg.
BUILDING MATERIALS — National Steel Fabric Co. (Geo. Schwab, Pac. Coast Mgr.), Chancery Bldg.
CANDY—Bule Bird Candy Shop, 2427 San Bruno Ave.
CIGARS—Thos. Smith, 896 Valencia.
CLEANING AND DYEING — C. F. Bridges, Cambria, Cal., in market for cleaning and pressing equipment.
CLOTHING—Jos. Schultz, 2784 Mission
DAIRY PRODUCE—Consolidated Dairy Products Co., 383 Brannan.—
DRY GOODS—M. Kaufman, 4836 3rd.
ELECTRICAL—Bedtop Electric Co., 22 Battery.
ENGINES — Diesel Auto Engine Co., Inc., 821 Market.
FLORISTS—Enomoto & Co., 35 St. Anne to 159 5th.
Associated Flower & Supply Co., 430 Bush to 172 5th.
Avansino & Mortensen, Claude lane to 176 5th.
FURS AND SKINS—B. M. Harris, 135 Kearny.
GROCERS—John Hailstone, 211 23rd Avenue.
HAIR DRESSING—Mrs. S. Georgette, 1642 Clement.
INKS—Styx Co., Atlas Bldg.
INSURANCE—E. H. Kahra, 681 Market
JUNK—Jos. Sousa, 1618 Jerrold.
LABORATORIES — Lady Nannette Laboratories, 1367 Valencia.
MACHINERY—E. W. Bliss Co. (Brooklyn), agency 50 Fremont.
MFRS. AGENTS—Neisenbach & Camp, 760 Market.
MEAT—Fardini Market, 4041 Balboa.
MEDICINES—Frat Remedy Co., Gillette Bldg. to 431 Eddy—May 1.
MOTOR TRUCKS — Milwaukee Locomotive Mfg. Co. (Milwaukee, Wsl.), 215 Market to 50 Fremont.
PAINTING—F. J. Brantley, 5262 24th to 1109 Mission.
Moon Paint Shop, 236 Clement.
PHYSICIANS—Dr. H. C. Davis, 1195 Bush to Liberty Bank Bldg.
Dr. G. B. Hamilton, Phelan Bldg. to Gillette Bldg.
Dr. Wm. F. Shaw, 2580 to 2509 Mission.
PRINTING—Adelin Printing Co., 235 Clement.
RADIO—Benkeis Salvage Co. (equipment), 760 Market.
The Radio Den, Williams Bldg.
REAL ESTATE—E. B. Hindes, 308 Bush
Brogan & Sherman, 3256 22nd.
RESTAURANT — Souza Coffee Shop, 4882 Cabrillo.
SAUSAGE FACTORY—R. W. Zimmerman 1304 Ocean.
SHEET METAL WORK — Associated Sheet Metal Products Co., 7327 Geary
STENOGRAPHER —Miss Pat Patterson, 593 Market to United Bank Bldg.
WAX—E. A. Bermund Co., 149 California.
MISCELLANEOUS—Campbell & Darm Mfg. Co. (Tullahoma, Tenn.), 320 Market.
R. G. Hamilton & Co., 358 Sutter to 220 Montgomery.
ADDRESS WANTED—Herschoff Furnace Co.
ADVERTISING — Poster Advertising Co., O. J. Oude Co., New York (J. O. Brogden), 1 Montgomery.
ANTIQUES—Old Curiosity Shop (B. N. Meller, S. C. Scamell, 1343 Sutter), branch Tillman Place.
APPRAISERS—Standard Appraisal Co. Clunie Bldg.
ARCHITECTS—E. J. Symmes, 1 Montgomery.
ART STORE — A. T. Komada to 411 Grant Ave.
ARTISTS — H. Mooney (commercial). 821 Market.
Helen Fressle, 760 Market.
ATTORNEYS—Wm. Klein, 785 Market to Balfour Bldg.
A. H. Conard, 620 Market.
E. P. Fogle, Chronicle Bldg.
C. C. Perry, Mills Bldg. to Standard Oil Bldg.
AURIST — Dr. Fred C. Lewitt, 135 Stockton to 380 Post.
Dr. Geo. Willcutt, 516 Sutter to 380 Post.
Dr. L. H. Briggs, 240 Stockton to 380 Post.
Dr. H. J. Cohn, 870 Market to 853 Hyde.
AUTOMOTIVE—J. P. Nolan (dealer), 569 Golden Gate Ave. to 699 Van Ness Ave.
Auto Maintenance Co., 1737 Jackson.
Morse & Bravot (shop), 4622 Geary.
M. H. Hansen Shop), 1212 Webster.
C. L. Blair (supplies), 1330 to 1817 Ocean.
BEAUTY PARLORS — Youth Beauty Parlor, 338 Balboa.
Maxine Beauty Parlor, 1643 to 1619 Polk.
CANDY—Mrs. M. McVicar, 3700 20th to 838 Valencia.
CANS—Wilson & Bennett Mfg. Co., 216 Pine.
CIGARS—Golden Gate Cigar Co. (1701 Divisadero), 1061 Fillmore.
COMMISSION—Boreniant & Myers, 314 Washington.
DECORATORS — Rohello & Gardiner, 339 Geary.
DRAYAGE—Frank McGrath, 776 Sacramento to 736 Washington.
E. Cuglielmo, 1680 Sanchez.
DRUGS—Ball Drug Co., 900 to 301 Bush
DRY GOODS—S. Arendt, 1649 Haight.
ELECTRICAL—Stewart Electrical Mfg Co. (with Safety Electric Co.), 80 Natoma to 59 Columbia Square.
FLORISTS—Heather Florist Shop, 1507 Divisadero.
E. W. McLellan Co., 451 Bush to 70 Mary.
FRUIT—Alfredo Bertolozzi. 3692 20th to 790 Guerrero.
FURS AND SKINS—Eate Golden, 831 Market.
GROCERS—California Delicatessen & Grocery (800 Clement), 2000 Union.
Geo. Becker, 5100 California.
Jas. W. Brown, 2898 22nd.
HARDWARE—Bay View Hardware Co. branch 4045 Balboa.
INSTRUMENTS—Bristol Co. (recording), Rialto Bldg. to Furniture Exchange Bldg.
INSURANCE—L. C. Davis, Mills Bldg.
KNIT GOODS—Sunset Knitting Co., 1212 Market to 151 9th.
LEATHER GOODS — Bryan Schnickl, Commercial Bldg.
Keyston Bros., 461 to 755 Mission.
LUBRICANTS AND GREASES—Jay B. Rhodes Co., 383 Brannan.
MACHINERY—Simonds Machinery Co. 117 New Montgomery to 816 Folsom.
MFRS. AGENTS—P. R. Wise, Dollar Bldg. to Commercial Block.
J. G. Lynn, Marvin Bldg.
C. F. Proussor, 593 Market, 933 Geary
West Coast Engineering & Supply Co 650 Howard.
W. F. Schulte, 200 Davis.
W. E. Lusick, Commercial Bldg.
MARINE SURVEYORS—E. C. Generaux and Hoppell. 244 to 311 California.
MARKETS—Jelenick Bros., 2248 19th.
MEAT—Allen Brown, 3111 22nd.
MINING—Eagle Mining Co., 465 California.
MOTORS—Howell Electric Motors Co. (Howell, Mich.), Rialto Bldg.
PAINTING — Crystal Auto Painting Shop, 1739 Castro.

(Continued on Page 22)

Official Proposals

NOTICE TO CONTRACTORS

(Meadow Creek Section Gold Creek—Jarbidge Forest Highway)

Sealed Proposals for constructing the above-named National Forest Highway, located within the Humboldt National Forest, County of Elko, State of Nevada, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 400 Bay Building, 9 Main Street, San Francisco California, until **9 o'clock A. M. on the 14th day of May, 1924,** at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids and none will be considered except those from contractors ascertained to be experienced and responsible.

The project to be constructed consists of two portions of the Gold Creek Jarbidge Road, located between Gold Creek and a point 15.5 miles north thereof and 75 miles north of Elko. The project is also accessible from southwestern Idaho via Jarbidge and Rowland, Nevada. The length of the project is approximately 11.32 miles and the principal items of work are as follows:

Excavation, 62,503 cu. yds.
Corrugated metal pipe. 2396 lin. ft.
Timber bridging, 27.5 MBM.
Cement rubble masonry, 317 cu. yds.

Construction shall be started within fifteen days after notice so to start has been given the contractor by the District Engineer, which notice will not be given until weather conditions render it practicable to prosecute the work to advantage in the spring of 1924, and shall be completed within 125 weather working days after said notice to start construction has been given.

The contract form, maps, plans and specifications may be examined by responsible contractors at the following addresses.

400 Bay Building, 9 Main Street, San Francisco, California.
Gold Creek Ranger Station, Gold Creek, Nevada.
Forest Supervisor, Elko, Nevada.
District Engineer, Bureau of Public Roads, Kiesel Bldg., Ogden, Utah.

The Bureau of Public Roads will furnish corrugated metal culvert pipe at Elko, Nevada. The Bureau has also available for loan to contractors on a rental basis equipment at Government Island, Oakland, California, as listed in the specifications. Some similar equipment is available at Ogden, Utah. Bidder will state in his bid the Government equipment that he will use during construction and the minimum time required. The estimated rentals will be taken into consideration and award will be made on the bid to the best advantage of the Government. Government explosives are available according to the terms of the specifications.

Plans and specifications will be furnished contractors who contemplate bidding, upon deposit of a check for $10.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications above referred to.

C. H. SWEETSER,
District Engineer.

NOTICE TO CONTRACTORS

(City of Salinas—Rodeo Grounds Improvements)

Under and by virtue of Resolution No. 180 (N. C. S.) passed and adopted by the council of the city of Salinas, on the 31st day of March, 1924, directing this notice, the said council hereby invites bids for the following municipal improvements, to be erected and constructed in Sherwood Park, in the city of Salinas, to-wit: a Grand Stand and Bleachers and a Four Room Cottage.

Bids will be received for the construction of the said improvements in the manner following.

1. For the construction of the Grand Stand. Bleachers and Four Room Cottage as a whole.
2. For the construction of the Grand Stand and Bleachers.
3. For the construction of the Four Room Cottage.
4. For the construction of the said improvements, with the exceptions and reservations set forth and mentioned in the specifications.

Plans and specifications are on file with the Builder's Exchange at San Jose, San Francisco and Oakland; with the Building Trades Council, No. 160 North Second Street, San Jose, and with Marshall A. Dean, Architect, No. 825 Pine Street, Pacific Grove, California, where the same may be examined by persons interested.

All bids or proposals shall be accompanied by a check, payable to the city of Salinas, certified by a responsible bank, for an amount which shall not be less than ten per cent of the aggregate of the bid or proposal, or by a bond for the said amount so payable, signed by the bidder and two sureties, who shall justify before any officer authorized to administer an oath, in double the said amount, over and above all statutory exemptions.

The council of Salinas hereby reserves the right to reject any and all bids or proposals, or accept the bid deemed for the best interests of the city of Salinas.

AND NOTICE IS HEREBY GIVEN, that **Monday, the 21st day of April, 1924, at the hour of seven-thirty o'clock p. m.,** at the city hall in the city of Salinas. has been and is hereby fixed as the time and place when and where sealed bids or proposals for the construction of the said municipal improvements will be opened, examined and declared.

Bids or proposals must be on file with the clerk of the city of Salinas on or before the day and hour set for the opening of the same.

Dated this 1st day of April, 1924.
(SEAL) M. R. KEEF,
Clerk of the City of Salinas, and Clerk of the Council of Salinas.

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

BIDS WANTED POST OFFICE BUILDING

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., April 1, 1924.

SEALED PROPOSALS will be opened in this office at 3 P. M., May 8, 1924, for the construction, including mechanical equipment of a one-story and basement hollow tile Post Office building, approximately 73 by 127 feet in size, at Bakersfield, Calif. Drawings and specifications may be obtained from the Custodian of the site at Bakersfield, Calif., or at this office in the discretion of the Supervising Architect. Jas. A. Wetmore, Acting Supervising Architect.

BIDS WANTED FOR FRAME BUILDING

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Office of the Supervising Architect. Washington, D. C., April 4, 1924.—SEALED PROPOSALS will be opened in this office at 3 p. m., May 1, 1924, for the construction of a one-story frame building (approximately 42' x 66') for Steerage Barracks at the U. S. Quarantine Station at San Francisco, Cal. (Angel Island). Drawings and specifications may be obtained from the office of the Superintendent of Construction, Room 403, U. S. P. O., and Ct. H., San Francisco, Cal., or at this office, in the discretion of the Supervising Architect. Jas. A. Wetmore, Acting Supervising Architect.

STATE OF CALIFORNIA CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until **2 o'clock p. m., on May 5, 1924,** at which time they will be publicly opened and read for construction, in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Orange County, between Easterly Boundary and San Juan Bridge (VII-Ora.-2-A), about nine and four-tenths (9.4) miles in length, to be graded.

Solano County, between Vacaville and Batavia (X-Sol.-7-D), about eigth and three-tenths (8.3) miles in length; four tenths (0.4) miles to be paved with Portland cement concrete and seven and nine-tenths (7.9) miles to be paved with asphalt concrete.

The foregoing quantities are approximate only, being given as a basis for the comparison of bids, and the California Highway Commission does not, expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work as may be deemed necessary or expedient by the said Commission.

All bids are to be compared on the basis of the State Highway Engineer's estimate of the quantities of work to be done.

Plans may be seen. and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection

of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: April 7, 1924.

LEADS TO BUSINESS

(Continued from Page 20)

PAINTS—Supreme Paint, Varnish and Enamel Co., 1317 Golden Gate Ave.
PHYSICIANS—Dr. W. C. Eidenmiller, Liberty Bank Bldg. to Flood Bldg.
Dr. A. Gotschaalk, 323 to 291 Geary.
Dr. Harry W. Davis (3273 Mission), 135 Stockton.
Dr. O. F. Gelsten, 240 Stockton to 380 Post.
Dr. G. J. McChesney, 870 Market to 380 Post.
Dr. Jule Frankenheimer, 240 Stockton to 380 Post.
Dr. Jean Martin to 360 Post.
Dr. S. B. Shipman, 516 Sutter to 380 Post.
Dr. W. L. Bender. 240 Stockton to 360 Post.
Dr. Sidney Olsen, Dr. L. P. Player & Dr. Frank Hinman, 516 Sutter to 380 Post.
Dr. H. H. Markel and Dr. Fraser McPherson, 153 Stockton to 380 Post.
Dr. D. W. Scoy 350 to 380 Post.
Dr. Ralph Rabinowitz, 140 Stockton to 380 Post.
Dr. H. C. Morfitt, 240 Stockton to 380 Post.
Dr. E. L. Bruck, 260 Stockton to 360 Post.
Dr. W. L. Bender to 380 Post.
Dr. H. C. Bull, 291 Geary to 380 Post.
Dr. E. J. Beet, 209 to 380 Post.
Harold Brunn, 350 to 380 Post.
Dr. Leroy Brooks to 380 Post.
Dr. Geo. Elbright, 269 to 380 Post.
Dr. Hans Lisser, 240 Stockton to 380 Post.
Dr. R. V. A. Lee, 177 Post to 380 Post.
Dr. H. P. Hill, 177 Post to 380 ost.
Dr. R. L. Dresel, 177 Post to 135 Stockton.
Dr. Rene Bine, Union Square Bldg.. to 380 Post.
Dr. W. P. Willard, 177 Post to 380 Post.
Dr. A. C. Reed, Union Square Bldg. to 380 Post.
Dr. N. A. Mager, 466 Geary to 870 Market.
Dr. E. H. Falconer, 516 Sutter to 380 Post.
Dr. W. G. Moore, 177 Post to 380 Post.
PUBLISHING — Hearst International Magazine and others, Hearst Bldg. to United Bank Bldg.
RADIO — Baldwin-Pacific Co. (equipment), 821 Market.
Lawrence Radio Co., 518 Geary.
REAL ESTATE—A. T. Franz, 760 Market.
J. Risher, 1572 Haight.
RESTAURANTS—Chas. Schindler (1235 Golden Gate Ave.) bought about 85 Turk.
Emanuel Jurvig, 2217 Union.
Bee Grill, 1003 Fillmore.
SECURITIES—N. F. Barclay, 436 to 485 California.
SEEDS AND BULBS — C. Kooyman San Francisco Bulb Co.), 147 5th.
AUTOMOTIVE — Hansen Auto Repair Co., 987 Post.
Jordan Park Garage, 3223 Geary.
BROKERS—J. F. Delaney, Hewes Bldg. to 1122 Market.
BUILDING MATERIALS — Buttonlath Mfg. Co. 593 Market to 485 California
Alhambra Stucco Co., 430 11th.
CANNERIES—Winters Canning Co., St Clair Bldg. to .10 California.
CIGARS—Baker & Jaffe, 1171 Market.
DELICATESSEN—Rinaldo, 743 Market.
ELECTRICAL—Irwin Draeger Electrical Co., 2243 Fulton to 382 Hayes.
FURNITURE—L. Bowers Mfg. Co. (366 9th), 5124 Geary.
GROCERS—Chambers'. 734 14th.
JUNK—American Junk Co., 3214 18th.
LEATHER GOODS — Warren Leather Goods Co., Commercial Bldg.
MACHINERY — Golden Gate Laundry Machinery Co., 2787 Folsom.
MFRS. AGENTS.—Chas. R. Shour Co., 1095 Market.
MEAT — Swanson Meat Market, 5020 25th.
OPTOMETRISTS — G. P. Martin, 75 O'Farrell.
PUBLISHING—Domestic Engineering (Mr. White), 602 Hearst Bldg.
SHIP CARVING AND OILDING — E. & Sons 55 Mission.
SHIPPING—Wightman & Crane, 461 Market to 149 California.
SODA FOUNTAIN SUPPLIES—Tonkin Distributing Co., 959 Mission to 841 Howard.
TRUNKS AND LUGGAGE—National Trunk Co., 65 - 11th St.
Mint Trunk Co., 892 Mission.
WASHING MACHINES—J. L. Richards (Syracuse Washing Machine Co.), 1109 Market.
WELL BORERS—A. Paulson (with Simonds Machinery Co.). 117 New Montgomery to 816 Folsom.
WOOD NOVELTIES—Runsend Wood Products Co., Pacific Bldg.
WOODWORKING—Henry Harder, 1819 San Bruno Ave.
MISCELLANEOUS—Institute of Technology, 1161 Market.
Pacific Cotton Waste & Fibre Co., 554 Pine to 554 Mission.
Yuba Vinewards Co., 15 Columbus Ave.
Pacific Gasteam Co., 571 Mission.
Security Metal Products Co. (Douglas Woodhams Co.), Marvin Bldg.
Butler Steel Co. (Butler, Penn.), to occupy old Kaines Bldg., Polk and Ellis.
Walker Bin Co. (Penn. Van, N. Y.), 557 Mission.
Electrovita Co., Inc., 1342 Divisadero.
ADDRESS WANTED—Distributor of "Bricko," a silver polish. Horbchoff Furnace Co.

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., REQUIRED BY THE ACT OF CONGRESS OF AUGUST 24, 1912,

OF BUILDING AND ENGINEERING NEWS, published weekly at San Francisco, Cal., for April 1, 1924.

State of California, City and County of San Francisco, ss.

Before me, a Notary Public in and for the State and county aforesaid, personally appeared E. J. Cardinal and J. I. Stark, who, having been duly sworn according to law, deposes and says that they are the Publishers and Owners of the Building and Engineering News, and that the following is, to the best of their knowledge and belief, a true statement of the ownership, management, etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, embodied in section 443, Postal Laws and Regulations, printed on the reverse of this form, to wit:

1. That the names and addresses of the publisher, editor, managing editor, and business managers are:

Publisher, E. J. Cardinal, 665 19th Ave., San Francisco, and J. I. Stark, 1188 Fulton St., San Francisco.

Editor, E. J. Cardinal, 665 19th Ave., San Francisco.

Managing Editor, J. P. Farrell, 818 Mission St., San Francisco.

Business Managers, E. J. Cardinal and J. I. Stark.

2. That the owners are:

E. J. Cardinal, 665 19th Ave., San Francisco.

J. I. Stark, 1188 Fulton St., San Francisco.

(As Mercury Press) a copartnership, 818 Mission St., San Francisco.

3. That the known bondholders, mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities are: None.

E. J. CARDINAL AND J. I. STARK, Publishers.

Sworn to and subscribed before me this 31st day of March, 1924.

(SEAL) CHALMER MUNDAY,
(My commission expires Oct. 17, 1925.)

SUBSCRIPTION BLANK

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.....192.....

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Engineering News Section

BRIDGES

HUMBOLDT COUNTY, Cal.—Following bids rec April 7th by State Highway Commission, Forum Bldg., Sacramento, to const. bridge over Van Duzen river, near Alton, Humboldt County, consisting of three 163-ft. rein. conc. arch spans and eight 30-ft. rein. girder spans involv. 1740 cu. yds. class A, and 1255 cu. yds. class C Portland cement concrete in bridge, 2200 cu. yds. excavation for bridge structure, 3500 hundredweight rein. steel, 650 lin. ft. rein. conc. piles:

Boardwell & Zimmerman, Napa	$ 88,050
Proctor & Cleghorn, Santa Rosa	89,223
McKay Eng. Co., Hollywood	93,040
J. L. Webster, Chico	94,492
West Coast Const. Co., S. F.	97,978
Rocca & Caletti, San Rafael	103,849
J. F. Shepherd, Stockton	118,048
Padgett & Green, Eureka	124,275
Engineers' Estimate	93,680

VENTURA, Cal.—Until 11 A. M., Apr. 23, bids will be rec. by supervisors to grade; const. culverts and bridges on 13,550 ft. of the Matthiesson Rd. in 7th Rd. Dist., involv. 16,000 cu. yds. excav.; 145 cu. yds. B concr.; 7200 lbs. reinf. steel; 240 ft. 18-in. corr. iron pipe; 24 ft. 24-in. corr. iron pipe; 52 ft. 30-in. corr. iron pipe. Plans obtainable from Chas. W. Petit, county surveyor. Deposit or cert. chk. 10%. L. E. Hallowell, Clerk of the Board.

LOS ANGELES, Cal.—Until 2 P. M., Apr. 28, bids will be rec. by supervisors to const. bridge on Anaheim-Telegraph Road over Rio Hondo in Road Foreman Divisions 107 and 114 will consist of 8 60-ft. wooden trusses on creosoted piles, with wooden floor beams, (27-ft.) roadway. The piles and floor beams are furnished by the county; est. cost, $40,000. Plans and spec. are on file at the office of the supervisors.

Separate bids to const. bridge on First St. over Laguna Wash in Rd. Foreman Division No. 101, L. A. county, consisting of one 25-ft. wooden span, with 20 ft. roadway; est. cost, $3,000. Plans on file at office of supervisors.

SAN FRANCISCO—New plans for the $20,000,000 cantilever bridge across Golden Gate Strait, together with an application for permit to construct, have been forwarded to the War Department for approval, by Col. Herbert Deakyne, local representative of the department. Plans were prepared by J. B. Strauss, engineer, Chicago. The bridge would be constructed under an act of the last legislature allowing counties to combine and pool their resources for purposes of bond issuance in such a case as this.

SANTA ROSA, Sonoma Co., Cal.—No bids rec. April 1 by city council to const. south abutments for A street bridge and City Eng. Geo. Comstock instructed to proceed with work by day labor.

PORTLAND, Ore. — J. H. Tillman, Railway Exchange Bldg., Portland, at $2,820,000 awarded contract by Multnomah county commissioners to construct Burnside Bridge; Union Bridge Co., Porter Bldg., Portland, at $377,500 awarded contract to construct Sellwood bridge and Parker and Banfield, 63 East 3rd St., North, Portland, at $1,670,319 for Ross Island Bridge.

OAKLAND, Cal.—Until May 5, bids will be rec. by Geo. E. Gross, county clerk, to const. conc. bridge over Crandall slough on highway bet. Centerville and Alvarado; est. cost $6500. Geo. A. Posey, county surveyor.

SANTA CRUZ, Santa Cruz Co., Cal.—Until April 23, bids will be rec. by the county supervisors to const. San Lorenzo bridge. Lloyd Bowman, county surveyor.

SAN JOSE, Santa Clara Co., Cal. — Until May 5, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to const. rein. conc. bridges as follows: Bodfish mill rd., supervisor dist. No. 1; Randol Ave., Hanchett Ave., Rhoads Court, Singletary Ave., Yosemite Ave., supervisor dist. No. 4; Landers rd. and Fleming Ave., supervisor district No. 3; also reinf. conc. bridge over Guadalupe creek on Shillingsburg Ave. Plans on file in office of clerk. Robt. Chandler, county surveyor.

SACRAMENTO, Cal. — Nystedt and Isham of Rio Vista at $73,516 submitted the low bid and were awarded the contract by the county supervisors to const. highway bridge over Steamboat slough at upper end of Grand Island; will consist of double leaf Strauss Bascule structure with two piers and abutments, involv. 324 cu. yds. 1-2½-5 conc. in piers; 74 cu. yds. conc. 1-2½-5 in abutments; 20 14-in. rein. conc. piles 25 ft. long; 60 wooden piles, 38 ft. long under piers; 58 wooden piles 55 ft. long in fenders; erecting 500,000 lbs. structural steel to be furnished by county; erection of 55,000 lbs. machinery; furnish and install electrical equipment. Other bids were:

West Coast Const. Co., S. F.	$89,602
Healy-Tibbitts Co., S. F.	91,896
Jenkins & Elton, Sacramento	100,000

For both structures Jenkins & Elton bid $212,300 and Healy-Tibbitts Company $226,793.

SUTTER COUNTY, Calif. — Until April 15, 10 a. m., bids will be rec. by W. E. Callahan Construction Co. and Smith Bros., Inc., to const. 19 timber highway bridges across main canal and lateral canals in Reclamation District No. 1660, Sutter county; lengths of bridges vary from 31 ft. to 53 ft. with spans varying from 11 ft. 2 in. to 17 ft. 2 in. J. Crowley, eng., 301 California Fruit Bldg., Sacramento. Spec. obtainable from Callahan Co., 412 Second St., Marysville. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal. — Mercereau Bridge & Constr. Co., 313 N Ave. 22, submitted low bid to supervisors at $4868 to const. bridge on Clara St., bet. old Channel of the Los Angeles river in Rd. Div. No. 107. Other bids were: W. M. Ledbetter & Co., $5250; E. G. Perham, $5285; Lipscomb & Dutton, $5979; Frank H. Greene, $6240.

Carbide Flare Lights
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Goggles—Respirators
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565 HOWARD STREET
San Francisco, Calif.
Douglas 6320

SACRAMENTO, Calif.—Jenkins and Wells, 36th and Y Sts., Sacramento at $125,000 submits low bid to county supervisors to const. highway bridge across Sacramento river, near Paintersville, involv. 1048 cu. yds. 1-2½-5 conc. in piers; 219 cu. yds. 1-½-5 conc. in abutments; 396 cu. yds. 1-2-4 conc. in arches; 36 14-in. 32½ ft. long and 20 12-in. 22½ ft. long piles; 118 render piles, 55 ft. long; 136 piles, 45 ft. long under piers; erect 500,000 lbs. structural steel to be furnished by county; erect 50,000 lbs. machinery; furnish and install electrical machinery. Other bids were:

Nystedt & Isham	$127,456
Healy-Tibbetts Co.	$142,597
West Coast Const. Co., S. F.	$148,405

All bids were rejected and new bids called for to be opened May 5, 1924 at 10 a. m.

STOCKTON, San Joaquin Co., Cal.—C. W. Wood, Manteca, at $3850 awarded cont. by supervisors to const. conc. bridge over Calaveras river on 8-mi road. Other bids: Carlson Brothers, $3990; E. K. Angle, $4025; Frederickson Brothers, $4280; R. C. Tumulty, $4440; Henry Ohm, $4653; M. B. White, $4656; Beyrle & Mullin, $4674; Smith Brothers $4931, and Davison & Nicolson, $5300. Beryle and Mullin, Stockton, at $4124 awarded cont. to const. bridge over unnamed stream on 8-mi. road. Other bids: Frederickson Brothers, $4170; R. C. Tumelty, $4180; C. W. Wood, $4200; Henry Ohm, $4330; E. K. Angle, $4400; M. B. White. $4432; Carlson Brothers, $5300; Davison & Nicolson, $5429, and J. T. Lewis & Son, $5495.

DREDGING, HARBOR WORKS AND EXCAVATIONS

NAPA, Napa Co., Cal.—Theoris & Contonles, 117 4th St., San Francisco, at $1.15 awarded cont. by council to excavate a trench along the sidehill in Milliken Canyon on which to lay a portion of Milliken Canyon pipe line; will be approx. 6700 ft. in length, involv. approx. 7500 cu. yds. rock and earth excavation. Other bids: R. J. Blanco, Vallejo, $160 cu. yd.; Basalt Rock Co., Napa, $1.84 cu. yd.; Frank Bryant, San Francisco, $1.23 cu. yd.

LONG BEACH, Cal.—$5,000,000 harbor bond election will be held May 8. The issue provides for imp. of both inner and outer harbors by dredging, deepening, etc., imp. of connecting channel to Los Angeles harbor, and turning basin, deepening of entrance channel. const. of jetties, const. and repair of docks, wharves and slips and reclamation of harbor land. The work will be done according to plans outlined and advocated by City Mgr. C. H. Windham.

TALENT, Ore.—See "Irrigation Projects," this issue. Contracts awarded for dam and canal excavation.

IRRIGATION PROJECTS

SUTTER COUNTY, Cal.—Until April 15, 10 a. m., bids will be rec. by W. E. Callahan Construction Co. and Smith Bros., Inc., to const. Rein. Conc. Conduit through west levee of Sutter By-Pass, approx. 4½-mi. north of Hinsdale on Sutter Basin branch of S. P. in Sutter county, involv. 120 cu. yds. concrete together with flap gate and check. Work is for Reclamation District No. 1660. J. Crowley, eng., 301 California Fruit Bldg., Sacramento. Spec. obtainable from Callahan Const. Co., at 412 Second St., Marysville. **See call for bids under official proposal section in this issue.**

LODI, San Joaquin Co., Cal.—J. Standish Hall, civil engineer, is conferring with Lodi Chamber of Commerce regarding establishment of two possible irrigation projects in the northern part of the county and adjacent territory. One project calls for an expenditure of $10,945,500 or approx. $54 an acre for the land irrigated, known as the Stockton project which would require construction of dam on Calaveras river, near Valley Springs. Additional water for the Calaveras river could be had, Hall declares, by tapping the Mokelumne river carrying water through tunnel and ditch. The second project, known as the Lodi-Stockton project, calls for a dam and reservoir on Dry Creek to store waters from the Mokelumne river, this project to cost $13,500,000. Power could be generated on both projects. Farmers in the district concerned will be conferred with to secure the sentiment of organizing districts to finance either project.

PORTERVILLE, Tulare Co., Cal.—No bids rec. by Vandalia Irrigation District for $210,000 bond issue and it is probable same will be sold at private sale. Bids for the construction of works in the district have been taken under advisement until the bonds have been disposed of. All bids were within the estimate of I. H. Althouse, engineer for district.

TALENT, Ore.—W. A. Kraner, Balboa Bldg., San Francisco, at $185,713 awarded contract by Talent Irrigation District to const. dam in connection with project. Wolke and C. F. Rose, San Francisco, at $41,900 awarded contract to const. canals. Dam involves 15,000 cum. yds. conc. and canals approx. 60,000 cu. yds. excavation. Other bidders for dam were: Starr, Thebo and Anderton, San Francisco and Dunn and Baker of Hornbrook, Calif.

LOS ANGELES, Cal. — Francisco & Ellington, 1250 W 5th St., submitted low bid to supervisors at $647,588 to const. drainage system in "Drainage Imp. Dist. No. 8." The work will involve approx. 4.5 mi. covered ditch; one mi. open lined ditch, 20 ft. on the bottom; 9090 ft. open air canal unlined, 15 ft. at bottom; 6000 ft. 8-in. and 800 ft. 12-in. cem. pipe, vit. pipe, or salt-glazed pipe; 100 ft. 24-in., 50,000 ft. 30-in., 5700 ft. 36-in. and 2900 ft. 48-in. reinf. conc. pipe. There will be required 190,000 cu. yds. excavation, 19,000 cu. yds. concrete; 1,140,000 pounds steel; 97 catch basins; 26 manholes. The work is being done under the 1919 drainage dist. imp. act (15-yr bond plan). Other bids were: Atkinson Spicer Co., $652,992.50; Hall-Johnson Co., $663,954.90; Bent Bros., $670,005.87; D. A. Foley & Co., $913,160.50. Engr's est., $651,550.

FAIRFIELD, Solano Co., Cal.—County supervisors has granted petition of landowners of Dixon and surrounding territory to form an irrigation district comprising 15,000 acres. An election will be called, following legal organization of the district, to vote bonds to finance construction of irrigation works.

LIGHTING SYSTEMS

UKIAH, Mendocino Co., Cal.—City trustees, Geo. P. Anderson, Clerk, declares inten. to install single lamp electroliers in portions of State St., etc. Date for hearing protests set for April 28.

LOS ANGELES, Cal.—Until 10 A. M., April 7, bids will be rec. by Bd. Pub. Wks. to const. under 1911 act, lighting systems in the following streets: Pasadena Ave., bet. Aves. 61 and 54; Beacon St., bet. 7th and 14th Sts. Plans on file at office of city engineer 405 S. City Hall Annex.

BURLINGAME, San Mateo Co., Cal.—Atlas Electric Co., 312 3rd St., San Mateo at $2585 submits low bid to city trustees to install electrolier system, 14 c. l. standards, in portions of Broadway, Chula Vista Ave. and San Mateo Dr. Butte Elec. & Mfg. Co. bid $2796. Taken under advisement pending legal action to prevent improvement of streets.

LOS ANGELES, Cal.—J. C. Rendler, Inc., 625 S Main St., submitted low bid to Bd. Pub. Wks. at $26,988 to install ornam lights in Pasadena Ave., bet. Ave. 61 and Ave. 54. Other bids: A. C. Rice, $27,147; Newbery Elec. Corp. $27,265; R. A. Wattson, $27,375; H. H. Walker, $27,432; Electric Lighting Supply Co., $29,452; Fritz Ziebarth, $28,516.

A. C. Rice, 1963 Santee St. low bidder at $16,897 to install ornam. lights in Beacon St., bet. 7th and 14th Sts. Other bids. R. A. Wattson, $17,177; Electric Lighting Supply Co., $17,248; Fritz Ziebarth, $17,248.50; Newbery Electric Corp., $17,362; J. C. Dendler, Inc., $17,777; H. H. Walker, $18,416.

BAKERSFIELD, Kern Co., Cal. — Council, V. Van Riper, city Clerk, declares inten. (No. 489) to install electrolier system in Sonora St., bet. Kentucky and Bernard Sts. Standards to be single light, Union Metal Mfg. Co's design No. 807 and G. E. form 12 Novalux unit tops consisting of Form O casings, No. 103 globes and No. 1103 canopies; complete with series film cutout sockets and 250 candle power lamps with General Electric Catalogue No. 156220 form M series cutout installed in base of standards. (Street Improvement District No. 489). 1911 Act. Protests April 21.

Inten (No. 490) declared to install electrolier system in H St., bet. 18th and 20th Sts; standards to be single light, Union Metal Mfg. Co's design No. 807 and G. E. form 12 Novalux unit tops consisting of Form O casings. No. 103 globes and No. 1103 canopies; complete with sockets and 400 candle power lamps with General Electric transformers type I L Catalogue No. 235823 installed in base of standards. (Street Improvement District No. 490). 1911 Act. Protests April 21. W. D. Clarke, city engineer.

MACHINERY & EQUIPMENT

RIVERSIDE, Cal.—Until 10 A. M., April 14, bids will be rec. by county purchasing agent for one road disc in accordance with spec. on file at office of supervisors. W. L. Carlson, purchasing agent.

BERKELEY, Alameda Co., Cal.—Holt Mfg. Co. at $3675 awarded cont. by council to fur. tractor for Garbage Dept.

BERKELEY, Alameda Co., Cal.—Until April 11, 8 p. m., bids will be rec. by E. M. Hann, city clerk, to fur. an 8-ton tandem gasoline driven road roller for use of Street Dept., bidders to furnish specifications and advise date of delivery. Bids are desired for (a) roller complete, f. o. b. Berkeley; (b) roller complete, f. o. b. Berkeley, less allowance for Elgin gasoline street sweeper, now owned by the city. **See call for bids under official proposal section in this issue.**

YUBA CITY, Sutter Co., Cal.—Cass-Amocher at $3860 submitted low bid to supervisors to const. new ferry to operate at Grimes, half the cost to be borne by Colusa county. Other bids were: Jennings Bros. & Ward, $3885; Colberg Boat Works, $3900. Taken under advisement.

SANGER, Fresno Co., Cal.—Women's Civic Improvement Club will purchase motor driven lawnmower for use in city park.

FRESNO, Fresno Co., Cal.—See "Miscellaneous Construction," this issue. To establish rock plant.

RAILROADS

SEATTLE, Wash.—Pat Welch, Spokane, awarded cont. by Bloedel-Donovan Lumber Co., Henry Bldg., Seattle, to const. 17 mi. of logging r. r. on Olympic peninsula bet. Clallam Bay and Beaver Bench, south of the Sol Duc River; road will have 2 truss bridges of 150 ft. and 100 ft. and one 280 ft. tunnel; 70 lb. steel rails will be laid.

EUREKA, Humboldt Co., Cal.—U. S. Steel Products Co., Rialto Bldg., San Francisco, awarded cont. by council to fur. 2600 rail bonds for municipal railway system at $66.16 per 100.

United Commercial Co., 234 Steuart St., San Francisco, awarded cont. to fur. 15 tons track spikes at $3.70 per 100 and 3 tons track bolts at $4.78 per 100 lbs.

IDAHO STATE—Northern Pacific Railroad Co. (Idaho Division) will expend approx. 450,000 in improvements during present year, the work involving:

Ballasting roadbed bet. Carrywood and Cocolalla, 13½ mi. and bet. Ozomo and Denton, 13½ mi., $65,000.

Relay single track bet. Davenport and Rockland, 8 mi., $71,600 Clarks Fork and Denton, 3.39 mi., $45,000; at Rathdrum, Idaho, 1½ mi. $23,000; at Trout Creek, 1 mi., $16,134, total of approx. $160,000.

Prepare roadbed for ballasting bet. Carrywood and Cocolalla and bet. Ozome and Denton, cost, $2820 and $3600, respectively.

Relay 30 curves with 130-pound steed rails, $66,354.

Additional rail anchors, $39,729.

Bridge and buildings department, including replacing bridge No. 60, near Tuscor, $50,000.

Repairs to telegraph lines, $18,500.

Reconst. fences, $8000.

Repairs to buildings and water tanks, $8000.

Miscellaneous improvements, $10,000.

MILES CITY, Montana—North and South Railway Co. authorized by Interstate Commerce Commission to build $11,000,000 line line from Miles City, Montana to Illco, Wyo., and from Mills to Casper, Wyo., reaching into Tea Pot Dome oil section. Commission has authorized company to acquire any lines now being constructed over the proposed route.

SAN FRANCISCO—Until April 30, 3 p. m., bids will be rec. by Bd. Pub. Wks to fur. and install reinforced concrete trolley poles for Ocean View line of the Municipal Railway system; est. cost $20,000. A bond of $10,000 will be required of the successful bidder. Plans obtainable from Bureau of Engineering, 3rd floor, City Hall, on deposit of $5.

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ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
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SACRAMENTO, Cal. — Central California Traction Co., following conference with city manager, announces its intention to reconstruct its tracks in X St., bet. 28th and 31st Sts.

FIRE ALARM SYSTEMS

MONTEREY, Monterey Co., Cal.—Election will be called shortly to vote bonds of $6000 to purchase fire fighting apparatus. H. D. Severance, city eng.

REDONDO, Cal.—Election will be held April 14 to vote $10,000 bond issue for fire apparatus, appliances, etc.

FIRE EQUIPMENT

LODI, San Joaquin Co., Cal. — Seagrave Fire Engine Co., at $10,401 awarded cont. by city trustees to fur. and del. triple combination fire engine.

RESERVOIRS AND DAMS

PHOENIX, Ariz.—Salt River Valley Water Users' Assn. plans to expend $4,000,000 to const. Horse Mesa Dam across Salt River, 12 miles above the smaller dam now under construction at Mormon Flat. The new structure will be of rubble stone and concr., 268 ft. high, 140 ft. wide at stream level, and 400 ft. wide at the top. It will develop about 35,000 h. p. The Inspiration Consolidated Copper Co. of Miami alone will use power sufficient to pay the association about $1,000,000 a year.

ORANGE, Cal.—J. M. Dowden, Orange, awarded contr. by city trustees at $12,495 to const. 1,000,000-gal. reservoir for the municipal water dept. J. B. Lippincott, Central Bldg., Los Angeles, consulting engineer.

TALENT, Ore.—See "Irrigation Projects," this issue, contracts awarded for dam and canal excavation.

TACOMA, Wash.—A. Guthrie Co., Inc Sherlock Bldg., Portland, Ore., at $881,-193.75 awarded cont. by city commissioners to const. Lake Cushman dam project. J. L. Stannard, ch. eng. for project.

SEWAGE DISPOSAL PLANTS

TULARE, Tulare Co., Cal. — Elrod Engineering Co., Mills-Fraser Bldg., Santa Monica, commissioned by city trustees to prepare spec. for proposed sewage treatment plant. Construction of the plant depends upon a bond issue yet to be voted. The plant will cost approx. $35,000.

WHITTIER, Cal.—City trustees set April 29 as date for the $50,000 sewer bond issue. This sum will be expended for a sewage disposal plant.

SANTA ROSA, Sonoma Co., Cal. — Council sells $165,000 sewage disposal plant bond issue for premium of $3409. Plans for plant are being completed by Clyde F. Smith, sanitary engineer, 518 Santa Barbara Rd., Berkeley.

MISCELLANEOUS CONSTRUCTION

OAKLAND, Cal.—Engineering Dept. of Pacific Gas & Electric Co., 445 Sutter St., San Francisco, preparing plans for new gas generating unit to be erected in Oakland at a cost of $140,-000 including auxiliary equipment. It is proposed to start construction June 1. L. H. Newbert is division manager for the company in Oakland.

SUTTER COUNTY, Calif.—Until Apr. 15, 10 a. m., bids will be rec. by W. E. Callahan Construction Co. and Smith Bros., Inc., to const. rein. conc. conduit through west levee of Sutter By-Pass, approx. 4½-mi. north of Hinsdale on Sutter Basin branch of S. P. in Sutter county, involv. 120 cu. yds. concrete together with flap gate and check. Work is for Reclamation District No. 1660. J. Crowley, eng., 301 California Fruit Bldg. Spec. obtainable from Callahan Constb Co., at 412 Second St. Marysville. **See call for bids under official proposal section in this issue.**

TACOMA, Wash.—Until April 21, 12 M. bids will be rec. by Ira S. Davisson, city light and power commissioner, to fur. and del. f. o. b. cars Cdshman dam site, 100,000 bbls. Portland Cement; date of delivery June 1, 1924 to Aug. 1, 1925. Spec. obtainable from J. L. Stannard, ch. eng. for Cushman project 212 City Hall Annex.

FRESNO, Fresno Co., Cal.—Organization of the Service Rock Co. has been completed, J. D. Patterson being elected president of the company. Sigmond Wormser, vice-president, B. H. Nelson, secretary-treasurer and H. W. Jones, manager of operations. The company plans to expend approx. $250,-000 in plant construction which will involve construction of railroad, estimated cost, $40,000; purchase of steam shovel drag line 5-yd. bucket, $40,000; feeders and hopper, $10,000; belts and belt conveyors, $20,000; crushers, $15,-000; screens, $15,000; bunkers, gold riffle and sand wash, $25,000; Brown Hoist, $15,000; buildings, $5,000; foundations, $5000; purchase of 2 locomotives, $10,000; purchase of tram cars, $10,000; purchase of motors, $5000 and miscellaneous equipment, $5000. Contract for plant construction has been awarded to the R. F. Felchlin Co., Patterson Bldg., Fresno.

WATER WORKS

TUJUNGA, Los Angeles Co., Cal.—Haines Canyon Water Co., will hold a special meeting April 28 at 312 S. Sunset Blvd., Tujunga, to consider means of providing funds for additions, extensions and betterments.

YUBA CITY, Sutter Co., Cal.—City Eng. instructed to secure estimates of cost to instal 6-in. water mains in various streets including B St. and portions of the Grant and Bandy subdivisions.

ANTIOCH, Contra Costa Co., Cal. — Boiler, Tank and Pipe Co., Emeryville, at $3999 awarded cont. by city trustees to construct steel tank for water system. Other bids were: Bundesen Machine Works, 5 weeks, $4745; The Steel Tank and Pipe Co., 6 weeks, $4925; Pittsburgh-Des Moines Steel Co., 85 days, $5800; Western Pipe & Steel Co., completion by May 15, $4343; Chicago Bridge & Iron Works (submitting own plans and specifications, not conforming to call for bids), $3500; completion in 30 days.

UPLANDS, Cal.—The city of Upland, San Bernardino County, proposes to operate own water system, and has made application jointly with Citizens Land and Water Co. to railroad comm. for permission to purchase property and distributing system of that company. The purchase price agreed on by the principals is $75,683.

SAN FRANCISCO — Bids will be asked shortly by Constructing Quartermaster, Fort Mason, to install nine centrifugal pumps for deep wells, already drilled, at Lobos Creek; est. cost $15,000.

OROVILLE, Butte Co., Cal.—Crane Co., only bidder, awarded cont. by Thermalito Irrigation District, to fur. and del. Standard Lapwelded pipe as follows:

500 ft. 20-in. o. d. .272-in. thick.
900 ft. 20-in. o. d. .375-in. thick.
800 ft. 20-in. o.d. .409-in. thick

One 18-in. blow off valve to operate under 730-ft. head. All pipe to have plain ends beveled for welding and shall be coated with pipe dip.

Sacramento Pipe Works, Sacramento, at $17,043.55 awarded cont. to fur. 1500 lin. ft. 22-in. riveted slip joint pipe and 2200 lin. ft. 20-in. o. d. casing with all fittings. Montague Pipe and Steel Co., San Francisco, only other bidder, at $18,797.70.

Sacramento Pipe Works, Sacramento at $3975 awarded cont. to fur. 1500 lin. ft. riveted pipe. Montague Pipe and Steel Co. only other bidder at $4110.

CLAREMONT, Cal.—Claremont Domestic Water Co., engaged in supplying water for domestic and irrigation purposes in and about the city of Claremont, Los Angeles county, authorized by railroad commission to issue and sell $38,000 of its first mortgage 6% bonds and to use the proceeds to pay indebtedness and finance cost of additions and betterments.

WHITTIER, Cal.—Election will be held April 29 to vote on a $100,000 water bond issue for extension of water mains.

Barber Greene Model 42 Loader

Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

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ORANGE, Cal.—Western Machinery Co., Los Angeles, awarded contr. by city trustees at $6770 to fur. and install one 125 h.p. natural gas engine at the municipal waterworks plant. Byron Jackson Pump Mfg. Co., Los Angeles, awarded contr. at $3092 for 2000-gal. booster pump, equipped with an increasing gear.

ALTURAS, Modoc Co., Cal. — Until April 14, 8 p. m., bids will be rec. by S. W. Hull, City clerk, to install pumps and motors for municipal water system. Spec. on file in office of clerk.

SAN FRANCISCO—Board of education and Fire Commission requests supervisors to appropriate $10,000 to finance extension of high pressure fire system to Hillcrest, Bret Harte and Visitacion schools.

SOUTH PASADENA, Cal. — Byron Jackson Pump Mfg. Co., 303 E 3rd St., Los Angeles, awarded contr. by city trustees at $13,750 to fur. and install deep-well pump, 2 booster pumps, with motors, complete.

STOCKTON, San Joaquin Co., Cal.—City Manager Ashburner authorized by council to spend $7200 for 89 fire hydrants. A. L. Banks is city clerk.

CENTERVILLE, Alameda Co., Cal. — Until April 26, bids will be rec. by trustees of Washington Union High School District to install water supply system consisting of overhead steel tank and structure. Plans obtainable from Henry H. Meyers, architect, Kohl Bldg., San Francisco.

REDWOOD CITY, San Mateo Co., Cal.—City trustees takes bids shortly for deep well pump for muny water works. C. L. Dimmitt, city eng.

EUREKA, Humboldt Co., Cal. — American Cast Iron Pipe Co., Balboa Bldg., San Francisco, awarded cont. by council to fur. 1500 ft. 8-in. class B c. i. pipe at $1.63 ft.

STOCKTON, San Joaquin Co., Cal.—Until May 6, bids will be rec. by Eugene Graham, county clerk, to install fire and water system at county hospital; also for installation of deep well turbine pump. Plans on file in office of clerk.

PLAYGROUNDS AND PARKS

SAN FRANCISCO—Until April 16, 3 p. m., bids will be rec. by Board of Public Works for grading and erecting wire fencing and miscellaneous work at Washington Irving school grounds in Broadway bet. Montgomery and Sansome streets. Segregated bids are desired for (1) grading, est. cost $1600; (2) wire fence and misc. iron work, $1600. Bond of $400 will be required of successful bidder under each segregation. Specifications obtainable from Bureau of Architecture, 2nd floor, City Hall.

SAN FRANCISCO—Construction will be started within the next two months on the proposed $300,000 stadium to be located in Golden Gate Park opposite the Polytechnic High School, the work to be carried on under the supervision of the Park Commission. It is proposed to erect seating accommodations for between 20,000 and 50,000 persons with arrangements for football, baseball, basket ball pavilion, etc. One-third of the cost, $100,000 is available through the late Mrs. Mary A. Kezar.

PIEDMONT, Alameda Co., Cal.—City votes bonds of $30,000 to beautify and enlarge city parks and $25,000 to finance construction of civic center at intersection of Highland, Magnolia and Mountain Aves. Lands have been purchased for the latter improvements.

SACRAMENTO, Cal. — Bids will be asked at once by Bd. of Education to pave approx. 11,000 sq. ft. of tennis courts on the campus of new high school at 34th and Y Sts. Concrete pavement will be specified.

SEWERS & STREET WORK

SACRAMENTO, Cal.—Until April 24, bids will be rec. by Harry W. Hall, county clerk, to imp. last stretch of Antelope Rd. approx. 2 mi. from Auburn Blvd. north to present pavement; Est. cost, $13,800. Chas. W. Deterding Jr., County Eng.

SAN FRANCISCO—Refer to our issue of April 1 regarding rejection of bids to imp. 48th Ave., bet. Lawton and Santiago and Ortega St., bet. 48th Ave. and Great Highway. Same was in error the contract being awarded to Raisch Imp. Co., 46 Kearny St., at $116,684.09. C. B. Eaton bid was the one rejected, as the bidder failed to submit figures on three items offered in the proposal. Unit bid of Raisch Imp. Co. follows. 2382 cu. yds. cut, $1; 39,353 cu. yds. fill $.80; 4145 ft. 8-in. sewer, $1.75; 75 ft. 12 in. sewer, $2; 35 ft. 15-in. sewer, $2.50; 105 ft. 18-in. sewer, $3; 302 ft. 21-in. sewer, $3.70; 255 8-in. wye branchhes. $1 ea; 12 br. manholes, $125 ea; $32 br. catchbasins, $135 ea; 1130 ft. 10-in. culverts, $2; 9155 ft. conc. curb, $1; 5283 sq. ft. art. stone walks, $.20; 16,800 sq. ft. conc. gutters, $.35; 190,344 sq. ft. asph. conc. pavement, $.26. Other bids were: Pacific States Construction Co., $117,740.32; Fay Imp. Co., $120,173.59.

JACKSON, Amador Co., Cal.—State Highway Commission accepts offer of Amador county supervisors to pay $10,000 to imp. Alpine State Highway, the commission to appropriate an equal amount. Stretch lies between Jackson to Milfino via. Irishtown.

FULLERTON, Cal.—The E Santa Fe Ave. paving contract, recently awarded to L. A. Paving Co. amounts to approx. $182,000 and involves 207,836.21 sq. ft. 1½-in. Warrenite pavement on 3½-in. bitum. base; 544,305.43 sq. ft. 1½-in. pavement on 2½-in. base; 38,400 sq. ft. resurfacing; 9442 ft. curb; headers, culverts, etc.

SAN DIEGO, Cal.—G. R. Daley, 4430 Boundary St., San Diego, submitted low bid to council at $26,005 to imp. Louisiana St., bet. Upas and Lincoln Sts., involv. 139,576.76 sq. ft. 1½-in. asph. concrete paving on 3-in. bitum. base, 18.3c sq. ft; 11.7 ft. curb, 70c ft; 7 6-in. conc. sewer laterals $38.50 each; 3 4-in. conc. laterals, $32.50 each.

SAN JOSE, Santa Clara Co., Cal. — City council, J. J. Lynch, clerk, declares inten. to imp. 27th St., bet. St. John St. and McKee Rd., involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curbs, gutters and walks; hyd cem. conc. storm water inlets; 8-in. vit. pipe drains; 1 br. manhole; 12-in. cem. conc. pipe storm sewer. 1911 Act & Bond Act 1915. Protests April 21; Wm. Popp, city eng.

SAN DIEGO, Cal.—Until 10.30 a. m., April 28, bids will be rec. by supervisors to grade and const. culverts on portion of Escondido-Del Mar Road, Road Survey No. 33A, a distance of 1.71 mi. Cert. check 5%. Deposit of $5 req. for plans. J. B. McLees, clerk.

SAN ANSELMO, Marin Co., Cal. — Until April 16, 8 p. m., bids will be rec. by W. A. Bliss, secy., Sanitary District No. 1, Marin County, to const. sewers at Kentfield, involv. 3000 lin. ft. 6-in. and 1358 lin. ft. 8-in. vit. pipe sewers; 15 6-in. and 4 4-in. wye branches; 12 manholes. Spec. obtainable from C. C. Kennedy, engineer for district, 74 New Montgomery St., San Francisco.

OAKLAND, Cal.—Until April 17, 12 M bids will be rec. by E. K. Sturgis, city clerk, to imp:

W 7th St., bet. 7th and 14th Sts., involv. grade and pave; const. curbs, gutters, conduit with catchhbasin and manhole.

Portions of 68th Ave., involv. grade and pave; const. curbs and gutters.

1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

MERCED, Merced Co., Cal. — Until April 28, 8 p. m., bids will be rec. by W. W. Cornell, city clerk, to imp. 26th and 27th Sts., bet. G and J Sts., involv. grading and pave with 2½-in. asph. conc. Willite base with 1½-in. asph. conc. Willite surface with seal coat; const. hyd. conc. curb and gutter and open conc. cross gutters. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Plans on file in office of clerk.

MERCED, Merced Co., Cal.—Until April 28, 8 p. m., bids will be rec. by W. W. Cornell, city clerk, to imp. M St bet. 27th St. and Bear Creek bridge at 28th and M Sts., involv. grading and paving with 2½-in. asph. conc. Willite surface; const. comb. conc. curbs and gutters. 1911 Act. Cert. check 10% payable to city req. Plans on file in office of clerk.

SAN JOSE, Santa Clara Co., Cal. — City council, J. J. Lynch, clerk, declares inten. to imp. Pleasant St., bet. Santa Clara and Julian Sts., involving grade and pave with 1½-in. Warrenite Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curbs, gutters and walks; 3 br. catchbasins; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests April 28, Wm. Popp, city eng.

PASADENA, Cal.—C. E. Green, 418 Western Mut. Life Bldg., Los Angeles, awarded contr. by city directors at $33,065 to const. sewer in Arroyo Blvd., bet. Brookside Park and California St. Engr's est., $42,525. Other bids were: Cox & Teget, $42,374; E. L. Plantico, $42,900; O'Neil & Preston, $57,000; Leo Miletich, $63,700.

SAN LUIS OBISPO, Cal.—Until 10 a. m., April 21, bids will be rec. by supervisors to pave unpaved part of Avila Rd. from Ontario House to present pavement about 2000 ft. west from San Luis Hot Sulphur Springs. Plans obtainable from county surveyor on payment of $5. Cert. check 5%. J. G. Driscoll, county clerk.

STOCKTON, San Joaquin Co., Cal.—Until April 21, 5 p. m., bids will be rec. by Ansel S. Williams, secy. Board of Education, to grade and pave; const. curbs, gutters and walks fronting the Victory school in Buena Vista Ave., bet. West Park and Mt. Diablo Aves. Cert. check 10% req. Spec. obtainable from secretary.

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WASHINGTON STATE — Chas. A. Linn, Bellingham, Wash., at $39,552 submits low bid to Dist. Eng. U. S. Bureau of Public Rds., New Postoffice Bldg., Portland, Ore., to imp. Glacier-Excelsior rd., in Mt. Baker Natl. Forest, Whatcom county, 5.9-mi. in length, involv. 5500 cu. yds. top course and 6200 cu. yds. base course surface; 312 sta. subgrade; 600 cu. yds. maintenance rock. Other bids were: Sloan Construction Co., Spokane, $35,797; L. B. Hickok, $35,992; Geo. K. Marsh, Spokane, $36,605.

WASHINGTON STATE—Strong and Carlson, Tacoma, at $198,875 submits low bid to Dist. Eng. U. S. Bureau of Public Rds., New Postoffice Bldg., Portland, to const. Shuksan-Austin Pass Nat'l Forest Rd. in Washington state, 9.5 mi. in length, involv. 24 ac. clearing; 18 ac. grubbing; 79,000 cu. yds. rock and 14,000 cu. yds. common excavation; 9.5 mi. finishing; 20 cu. yds. class B conc.; 100 cu. yds. dry rubble masonry; 3550 lin. ft. culverts; 400 lin. ft. bridge deck; 40 M lumber in trestles; 1000 sq. ft. log bridge abutments. Other bids: F. L. Cramer, Bellingham, $224,970; Chas. A. Linn, Bellingham, $235,800. Taken under advisement.

SANTA BARBARA, Cal.—Until 5 p. m., April 17, bids will be rec. by council to imp. Bath St., bet. 1st and 3rd Sts; grade; pave with 1½-in. asph. conc. surface on 4-in. cem. conc. base; const. curb, gutter, cross gutters, conc. driveways. 4-in. vit. pipe hse. connections, 6-in. stub sewers, etc.; also change of grade on said street; 1911 act. S B. Taggart, city clerk. Geo. D. Morrison, city engr.

LOS ANGELES COUNTY, Cal. — Ed. Johnson & Sons, Whittier, submitted low bid to state highway comm. at $182,214.10 pave 2.8 mi. bet. Pasadena Ave. and Montebello, with cem. conc. and asph. conc. surfacing. Other bids were: Geo. R. Curtis, $183,847.10; Geo. H. Oswald, $183,863.50; Griffith Co., $184,591; Blumenkranz & Vernon, $186,-937.60; Hall-Johnson Co., $194,533.50; L. A. Paving Co., $199,201.50. Engr's est., $199,056. Project involv. 18,120 cu. yds. roadway excavation without classification; 2680 cu. yds. old macadam removed; 46,680 cu. yds. placing old subbase; 10,450 lin. ft. class A cem. conc. curb; 84,620 sq. ft. A cem. conc. gutter; 37,280 sq. yds. B cem. conc. base 37,280 sq. yds. asph. conc. surface; concrete culverts.

LOS ANGELES, Cal.—Until 11 a. m., April 28, bids will be received by supervisors to imp. Lemon St., bet. Workman Mill Rd. and Guirado St., etc., under County Imp. No. 28, 2870 lin. ft., involv. 8890 cu. yds. excav. (incl. shaping); 5803 ft. curb; 7352 sq. yds. D. G. pavement; 9093 sq. ft. gutter; 7352 sq. yds. oil and screenings roadway. Est. contr. price, $20,661.90. Av. haul, 1.5 mi. from Pico on U. P. Ry.

REDWOOD CITY, San Mateo Co., Cal —W. J. Tobin, 527 Santa Ray Ave., Oakland, at $4893.50, awarded cont. by city trustees to const. 6-in. vit. sewers and 4-in. vit. lateral sewers and brick manholes in portions of Spring Hilton, Buckeye Sts. Other bids were: Holser & Stanley, $5920.56; Chamber & DeGolyer, $5244.45; E. M. Dearborn, $5,-273.85; James Curry, $5020.42.

LOS ANGELES, Cal.—Bids rec. by Bd Pub. Wks. to imp St. Andrews Pl., bet. Sunset Blvd. and Santa Monica Blvd., involv. 99,249 sq. ft. warrenite-bitul. paving; 180 sq. ft. 2-in. bitum. base paving; 3360 sq. ft. 4-in. bitum. base paving; 69 ft. curb; 6075 sq. ft. walk; 5788 sq. ft. gutter; san. sewer, were:

Geo. R. Curtis—$600 grading 26.4c warrenite-bitul. paving; 12c 2-in. bitum paving; 27c 4-in. bitum. paving; 70c curb; 22c walk; 30c gutter; 04900 san. sewer.

Geo. H. Oswald—$5900 grading; 27c warrenite-bitul. paving; 12.25c 2-in. bitum; 28c 4-in. bitum. paving; 70c curb; 21c walk; 35c gutter; $5100 san. sewer.

Warren Constr. Co.—$6500 grading; 26.7c warrenite-bitul. paving; 12c 2-in. bitum. paving; 27.5c 4-ni. bitum; 80c curb; 21c walk; 32c gutter; $4750 san sewer.

P. F. Martter, 1250 S Gramercy, low bidder to imp. Val Verde St., bet. 7th St. and Atlantic St., involv. grading at $900; (lump sum); 15,471 sq. ft. oil and roll 7c ft; 768 ft. curb 70c ft.; 675 sq. ft. walk 22c ft.; 1576 sq. ft. gutter 33c ft; storm drain, $375.

Geo. R. Curtis, 2440 E 26th St., low bidder to imp. Van Ness Ave., bet. Rodeo Rd. and 39th St., involv. grading at $2500; 37,474 sq. ft. warrenite-bitul. paving 26.25c sq. ft.; 1470 sq. ft. 2-in. bitum. base paving 12c ft.; 6827 sq. ft. oil and roll 8c ft.; 636 ft. curb 70c ft; 3287 sq. ft. walk 22c ft.; 4276 sq. ft. gutter 30c ft.; san. sewer at $3500.

Geo. H. Oswald, 366 E 58th St., low to imp. El Nido St., bet. Sherman Way and Saugus Ave., involv. grading at $3400 (lump sum); 104,156 sq. ft. asph. conc. paving 21c ft.; 31 ft. curb 75c ft.

SALINAS, Monterey Co., Cal. — City council. M. R. Keef, clerk, declares inten. to imp. San Luis St., bet. Main and West Sts., involv. grading and paving with 5-in. hyd. conc; const. 2 hyd. cem. conc. catchbasins; 8 and 10-in. corru. iron galv. culverts; 3 part circle corru. galv. iron culverts. 1911 Act & Bond Act 1915. Protests April 28. Howard Cozzens, city eng.

LOS ANGELES, Cal. — Geo. H. Oswald, 366 E 58th St., submitted low bid to supervisors at $188,550 to imp. Whittier Blvd., bet. Pasadena Ave. and Montebello, County Imp. No. 52, involv. 22,411 cu. yds. excav. 65c yd; 2634 cu. yds. remov. old macad. 70c yd; 47,141 sq. yds. old macad. disintegrated granite sub-base 35c yd; 9135 ft. curb 65c ft; 90,048 sq. ft. gutter 32c ft; 37,136 sq. yds. conc. base $2.20 yd; 37,136 sq. yds. asph. conc. top 72c yd; several culverts. Other bids were: Hall-Johnson Co., $198,893; Blumenkranz & Vernon, $201,124.31; L. A. Paving Co., $204,-346.08; Ed Johnson & Sons, $197,848.96; Geo. R. Curtis, $189,798.59; Griffith Co., $189,889.84; engr's est., $203,829.65.

TAFT, Kern Co., Cal.—City Eng. R. O. Boyd completes spec. to pave portions of Fifth and North Sts. City trustees petitioned to make fill in North St. bet. 6th and 8th Sts. Taken under advisement.

LIVINGSTON. Merced Co., Cal. —A. E. Cowell, city engineer, completes spec. for sewer system. Bids will probably be asked for both concrete and vitrified pipe, the former to cost $37,-639 and the latter $32,904. A disposal plant on the Merced river is also contemplated, this to cost $12,500.

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MARTINEZ, Contra Costa Co., Cal.—Until May 5, bids will be rec. by county supervisors to pave 1¼-mi. of Marsh Creek road east of Clayton. Spec. on file in office of county clerk. R. R. Arnold, county surveyor.

STOCKTON, San Joaquin Co., Cal.—Cy Moreing, Stockton, at $6909.59, awarded cont. by supervisors to imp. highway in vicinity of East Union Cemetery, near Manteca. Other bids: Irey & Holden of Lodi bid $7121 and C. W. Wood of Manteca, $7262.50.

SOUTH PASADENA, Cal.—Patterson & Hess, Inc., 1709 South Vermont Ave., Los Angeles, awarded contr. by school board at $18,978 to clear property for high school athletic field.

SAN DIEGO, Cal.—Council declares inten. to const. modern sewer system in Mission Beach. Plans have been approved by the state board of health and the city engineer's dept. Bids will be called for as soon as legally possible and work rushed to an early completion.

San Diego Co.—See "Miscellaneous Buildings" this issue.

SAN DIEGO, Cal.—See "Government Work and Supplies," this issue.

ALHAMBRA, Cal.— Culjak & Bebek Culjak, 182½ N. Brannick, Los Angeles), submitted low bid to city trustees at $96,410 to const. sewer system. involv. 1276 ft. 12-in. vit. pipe; 12,800 ft. 8-in. vit. pipe; 1430 wyes; 137 manholes, 33 flushtanks; 1158 hse. connections. Other bids were: Cox & Teget, $98,839.20; Geo. W. Kemper, $103,565.50; Kennedy, $104,691.55; H. D. Churchill & Co., $105,782.72; Hickey & Harmon, $109,440.74; Adam Dalmatin, $111,270.44; Stroud Bros, $112,928.81; Leo Miletich, $115,973.22. Bids taken under advisement by M. H. Irvine, city engr.

QUINCY, Plumas Co., Cal.—County Surveyor A. J. Watson has completed surveys for highway between Quincy to the Butte-Plumas county line, approx. 8-mi. in length; est. cost $125,-000.

SACRAMENTO, Cal.—Bids will be asked at once by Bd. of Education to pave approx. 11,000 sq. ft. of tennis courts on the campus of new high school at 34th and Y Sts. Concrete pavement will be specified.

SAN LUIS OBISPO, Cal.—Walter B. Roselip has resigned as city engineer. His successor is yet to be appointed.

BURBANK, Cal.—Until 7:30 P. M., April 22, bids will be rec. by city trustees to imp.:

Elmwood Ave., 1000 ft., involv. grade and pave with oil macad., const. curbs and walks.

Pioneer Ave., 20,200 ft., involv. grade and pave with 6-in. concrete.

Plans on file at office of S. S. Webster, City Clerk. Cert. check or bond, 10%.

RENO, Nevada—Until April 26, 2:30 P. M., bids will be rec. by E. H. Beemer, County Clerk, to const. portions of road from Pyramid lake to gypsum plant, south of Gerlach, via Sheep Pass. Plans on file at office of C. W. Fisk, road supervisor at Gerlach. Further information obtainable from clerk.

PHOENIX Ariz. — Until 2 P. M., Apr. 24, bids will be rec. by state highway dept. to const. federal aid project No. 71, (Phoenix-Yuma highway), involv. approx. 4266 cu. yds. roadway excav.; 33,500 cu. yds. borrow; 97,838 sq. yds. cem. concr. pavement; 400 cu. yds. A concr.; 140 cu. yds. B concr.; 360 lin. ft. corr. met. pipe; 38,000 lbs. reinf. steel. Cert. chk., 5%. Plans obtainable from office of the state engr. upon payment of $5.

OROVILLE, Butte Co., Cal.—Until April 24, bids will be rec. by C. F. Belding, county clerk, to grade Section F of the Oroville-Magalia Rd. Bids will be considered on same date to imp. Gridley Colony Rd. Harry H. Hume, county road engineer.

OAKLAND, Cal.—Bates & Borland, Bank of Savings Bldg., Oakland, awarded contr. by council to imp. portions of 5th St., involv. grade, $.037 sq. ft.; conc. curb with steel guard, $1 lin. ft.; conc. curb without guard, $.75 lin. ft.; reset granite curb, $.75 lin. ft.; conc. gutter, $.30 sq. ft.; 2-in. Warrenite-Bit. surface on 6-in. Port. cem. conc. base pavement, $.30 sq. ft.; 8-in. vit. sewer, $1.50 lin. ft.; manholes, $100 ea.; lampholes, $25 ea; wye branch, $1.50 ea.; catchbasins with side inlet, $100 ea.; catchbasins with round grating, $100 ea.; storm water inlets, $65 ea.; 10-in. pipe conduit, $3 lin. ft.

OAKLAND, Cal.—Bates & Borland, Bank of Savings Bldg., Oakland, awarded cont. by council to imp. portions of Best Ave., involv. grade, $.07 sq. ft.; conc. curb, $.70 lin. ft.; conc. gutter, $.26 sq. ft.; oil macadam pavement, $.11 sq. ft.

BURBANK, Cal.—W. J. Curren, 221-A W. Broadway, Glendale, submitted low bid to city trustees at $21,219 to pave 3rd St., bet. Cypress and Providencia Aves., approx. 2700 lin. ft., involv. grading, 40c cu. yd.; paving with 3-in. oil macad, 9.5c sq. ft.; const. curb, 48c ft.; walk, 16c sq. ft.

RIVERSIDE, Cal.—Until 9:30 A. M., April 15, bids will be rec. by council to imp. Oakley Ave., bet. N. Main St. and Fairmount Blvd. Grade; pave with asph. concr., const. curb and gutter; 1911 act. C. B. Burns, city clerk.

PASADENA, Cal.—Cox & Teget, 425 S Marguerita Ave., Alhambra, awarded cont. by city directors at $6685 to construct sewer in La Loma Rd.

SAN FRANCISCO — Following bids rec. by Constructing Quartermaster, Fort Mason, to const. concrete road Crissy Field, bid of Eaton and Smith, 715 Ocean Ave., under Item No. 3, being within amount available for construction:

Eaton and Smith (a) 8-in. pavement, $8868; (b) 7-in. pavement, $7868; (c) job complete omitting apron and using slab, $7168.

A. Costello, (a) $8960; (b)$8110; (c) $7460.

A. J. Raisch, (a) $10,800; (b) $10,000; (c) $9500.

M. Bertolino (a) $10,221; (b) $9301; (c) $8421.

G. E. McHugh, (a) $8441; (b) $7668; (c) $7209.

STOCKTON, San Joaquin Co., Cal. — Until April 21, 5 p. m., bids will be rec. by A. L. Banks, city clerk, to imp. portions of Walnut St., Harding Way, Willow and Lucerne Aves., College Dr., Oxford Ave., etc., involv. grading; construct comb. conc. curb and gutter; conc. walks; pave with 4-in. crushed rock base with 2-in. asph. macadam wearing surface. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. W. B. Hogan, city eng.

SANTA BARBARA, Cal.—Council appropriates $2000 for surveys for proposed outfall extension, estimated to cost $407,000. Herbert Nunn, city manager, and Geo. D. Morrison, city engineer, in charge.

OAKLAND, Cal.—John Ferreira, Oakland, awarded cont. by council to sewer portions of Keith Ave., involv. 6-in. vit. sewer, $2.80 lin. ft.; manholes, $60 ea.; drop connections, $11 ea.; lampholes, $18 ea.; wye branches, $1 ea.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. Frances St. bet. Brookdale and Fairfax Aves., involv. grade and pave; const. curbs and gutters. 1911 Act. Protests April 17. W. W. Harmon, City Eng.

EL MONTE, Cal.—City trustees declare inten. to const. san. sewer in Granada Ave., bet. 60 ft. s. of Brockway Ave. and 2 ft. s. of Mildred Ave.; also const. water main; 1911 act. B. B. Moore, City Clerk.

REDONDO, Cal.—Election will be held April 14, to vote $20,000 bond issue to const. sewer mains, etc.

SAN DIEGO, Cal.—Griffith Co., 25 14th St., San Diego, awarded contr. by council at $33,869 to pave 22nd St., bet. A and Imperial Aves., involv. approx. 312,811 sq. ft. asph. concr. on bitum. base pavement, and other incidental items. Calif. Constr. Co. bid $33,880, and D. H. Ryan, $34,744.

Griffith Co., awarded contr. at $44,-991.88 to ave Cedar and Date Sts.

TUCSON, Ariz.—Borderland Constr. Co. submitted low bid to council to pave South 6th St., at $30,565 using Warrenite and $29,635 using 1½-in. asph concr. Tucson Co. bid $33,376.64 using cem. concr.; Herrick & Fridell Co. bid $36,304.70.

SOLANO COUNTY, Calif.—Until May 5, 2 p. m., bids will be rec. by State Highway Commission, 515 Forum Bldg. Sacramento, for 8.3-mi. of highway in Solano county bet. Vacaville and Batavia; 0.4-mi. to be paved with Port. cem. conc. and 7.9-mi. to be paved with asph. conc. R. M. Morton, state highway Eng. **See call for bids under official proposal section in this issue.**

PHOENIX, Ariz.—Until April 24, bids will be rec. by the state highway dept. to imp. 9.2 mi. of highway from Buckeye west to Hassayampa river. Paving to be conc., 6-in. thick in center with 9-in. shoulders; roadway 18 ft. wide. F. R. Goodman, state engr.

SAN FRANCISCO—City Eng. M. M. O'Shaughnessy recommends appropriations be incorporated in 1924-25 budget as follows: construction of San Jose avenue viaduct, $175,000; Evans Ave., grading, $10,000; Douglas St., paving, $21,500; Great Highway boardwalk, $5000; Sutro Heights parapet and wall, $22,000; purchase of street signs, $15,000; Sunset-Central district sewer, $165,000; Southern outlet of Great Highway, $41,500; Visitacion Valley sewer, $25,000; College Hill tunnel sewer, $300,000; street work fronting city property, $50,000.

SANTA BARBARA, Cal.—C. T. Richardson, 525 E Haley St., Santa Barbara awarded contr. by council at $9450 to imp. Pedregosa, Loma and Alameda Padre Serra Sts.

ORANGE COUNTY, Calif.—Until May 5, 2 p. m., bids will be rec. by State Highway Commission, 515 Forum Bldg. Sacramento, to grade 9.4-mi. in Orange county bet. east boundary and San Juan bridge. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

SAN JOSE, Santa Clara Co., Cal.—Raisch Imp. Co., Builders' Exchange Bldg., San Jose, awarded cont. by council to imp. 11th St., bet. Santa Clara and Taylor Sts. involv. grading and paving with 1½-in. Durite asph. conc. surface with 3-in. Durite asph. conc. base; hyd. cem. conc. curbs and gutters; one br. catchbasin; 3 storm water inlets; 8-in. vit. pipe drains.

NEVADA STATE—King & Malone, Reno, at $45,127.26 awarded cont. by State Highway Commission to const 8.03 mi. of highway in Washoe and Lyon counties, bet. Derby and Fernley, involv. 21,000 cu. yds. unclass. excavation (sta. 5+00 to sta 288+50); 13,750 cu. yds. unclass. excavation (sta. "B" 40+00 to sta. "A" 109½00); 8173 yd. sta. overhaul; 2.46 mi. prepare subgrade and shoulders; 3950 cu. yds. load and screen gravel; 11,160 yd. mi. haul gravel; 3950 cu. yds. spread gravel; 100 cu. yds. Class A. and 30 cu. yds. Class B conc.; 122 lin. ft. 15-in., 506 lin. ft. 18-in. and 74 lin. ft. 24-in. corru. metal pipe; 395 cu. yds. dry rubble masonry; 1960 lin. ft. stand wood guard rail; 86 monuments; 11 sign posts; 1184 lin. ft. special wooden guard rail. State will furnish sand and gravel for concrete in stock piles at Wadsworth. Other bids were: Tieslau Bros., $62,353.16; Palfreyman & Clyde, $60,053.96; W. J. Schmidt, $59,897.06; F. Coolidge, $52,-139.56. Engineer's estimate, $57,101.56.

GLENDALE, Cal.—Butterfield Bros., 1325 N Central, Glendale, submitted low bid to council at $4500 to const. sewer system, involv. 1700 ft. 8-in. pipe $1.48 ft.; 96 ft. 8-in. c.i. pipe $2.95 ft.; 2 manholes $105 ea; 4 junction chambers $105 ea; 1481 ft. (or 51 connections) hse. sewers $21 per connection.

SANTA CRUZ, Santa Cruz Co., Cal.—City council, S A. Evans, clerk, declares inten. (No. 322-C) to imp. portions of Pacheco Ave., involv. grading and pave with 5-in. conc. pavement, 32 ft. wide; const. conc. curbs; corru. metal and rein. conc. culverts; 4-in. vit. sewer laterals. 1911 Act. Protests April 24.

STOCKTON, San Joaquin Co., Cal.—A. E. Downer, Richmond, at $5948 awarded cont. by council to const. storm sewers in portions of Charter Way, Eugenia and other streets.

NEVADA STATE — State Highway Commision rejects bids to const. 1.27 mi. of highway in White Pine County, bet. First and Aultman Sts., to Ely east city limits. Bids were: Strange & Vallandingham, Salt Lake City, Utah, $64,213.45; Hoffman & Hexem, Ely, Nev. $65,678.90. Engineer's estimate, $49,-410. Project involves: (state to furnish cement f. o. b. Ely) 4035 cu. yds. unclass. excavation; 4850 cu. yds. selected material for fills; 8620 yd. sta. overhaul; 1.27 mi. prepare subgrade and shoulders; 13,430 sq. yds. cem. conc. pavement; 40 cu. yds. Class A. and 10 cu. yds. Class B conc.; 210 lin. ft. 15-in., 44 lin. ft. 18-in., 34 lin. ft. 24-in., and 140 lin. ft. 30-in. corru. metal pipe, in place; 250 cu. yds. cem. rubble masonry; 512 lin. ft. wood guard rail, complete in place; 14 monuments in place; 2 sign posts in place.

TURLOCK, Stanislaus Co., Cal.—Until May 6, 8 P. M., bids will be rec. by A. P. Ferguson, city clerk, to imp. Columbia St., bet. Beech and West Ave., involv. grade and pave with 3-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; cem. conc. curbs and gutters; culverts and catchbasins. 1911 Act and Bond Act 1915. Cer. check 10% payable to city req. Horace Hall, City Engineer.

NEVADA—Until May 14, 9 a. m., bids will be rec. by C. H. Sweetser, District Eng., U. S. Bureau of Public Roads, 9 Main St., San Francisco, to const. 11.32-mi. of Meadow Creek Section, Gold Creek-Jarbidge Forest Highway, involv. 62,503 cu. yds. excavation; 2396 lin. ft. corru. metal pipe; 27.5 MBM timber bridging; 317 cu. yds. cement rubble masonry. **See call for bids under official proposal section in this issue.**

BURBANK, Cal.—W. J. Curren, 221-A W. Broadway, Glendale, submitted low bid to city trustees at $17,879 to pave 7th St., bet. Magnolia and Providencia Aves., involv. grading, 45c cu. yd.; 3-in. oil macad. paving, 9.5c sq .ft.; curb, 48c ft.; walk, 16c sq. ft.

PHOENIX, Ariz. — Cashion, Caldwell & Co. and Lashmet & Parker (bidding jointly), submitted low bid to state highway dept. at $74,048.44 to const. 9.6 mi. on Springerville-St. John road, federal aid project No. 68-B. Other bids were: J. H. Udall, E. I. Whiting, Jake Hamblin, Coleman & Winsor (bidding jointly, $83,571.20; Roger Bros & Tanner, Snowflake, $74.504.83.

SANTA BARBARA, Cal. — Council sets May 2 at date for $407,000 sewer and drainage bond issue as recommended by City Mgr. Herbert Nunn.

SANTA CRUZ, Santa Cruz Co., Cal.—No bids rec. by supervisors to imp. Casserly Rd. near McGrath ranch. Bids re-advertised from revised specifications, to be opened April 23. Lloyd Bowman, county surveyor.

HANFORD, Kings Co., Cal. — Bids will be asked shortly by county supervisors to pave rounding corners of Hanford-Lemoore highway. Roy May, County Surveyor.

OAKLAND, Cal.—Until April 17, 12 M, bids will be rec. by Eugene K. Sturgis, city clerk, to imp. portions of Quince St. and 105th Ave. etc., involv. grade and pave; const. curbs, gutters and walks; one culvert. 1911 Act.

Separate bids, same date, to imp. portions of Redding St., involv. grade and pave; const. curbs, gutters, walks, sewers, lampholes and wye branches; one culvert. 1911 Act.

Cert. check 10% payable to city req. W. W. Harmon, city eng.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp 8th St., bet. Julian and Empire Sts., involv. grade; pave with 1½-in Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs, gutters and walks; 1 hyd. cem. conc. storm water inlet; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Protests April 21. Wm. Popp, City Eng.

SANTA ROSA, Sonoma Co., Cal.—State Highway Commission preparing spec. to widen and resurface Redwood highway from Santa Rosa to Healdsburg; will be widened from 15 ft. to 20 ft. and surfaced with concrete. Work will be financed through gasoline tax funds. R. H. Morton, state highway engineer.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. Reed St., bet. 3rd and 11th Sts., involv. grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; bit. asph. conc. headers; hyd. cem. conc. curbs, gutters, and alley driveways. 1911 Act and Bond Act 1915. Protests April 28. Wm. Popp, City Eng.

PHOENIX, Ariz.—All bids rejected by state highway dept. to pave the Solomonville-Duncan highway, federal aid project No. 77. The bids were:

Webster, Merrill, Coombs & Hutchins, Safford—(1) 39,100 cu. yds. roadway excav. unclass. at 85c yd.; (2) 43,466 cu. yds. borrow at 40c yd; (3) 1196 cu. yds. excav. (struct). at $1 yd.; (4) 3892 cu. yds. ditches and channel changes unclass. at $1 yd.; (5) 1330 cu. yds. levee at 45c yd.; (6) 2270 cu. yds. overhaul, earthwork (100 ft.) at 2c yd.; (7) 870 cu. yds. surfacing at 60c yd.; (8) 73,950 sta. yds. surfacing overhaul at 2c yd.; (9) 342 cu. yds. "A" concr. (S. F. M.) at $18 yd.; (10) 13 cu. yds. "B" concr. (S. F. M.) at $18 yd.; (11) 177 cu. yds. "C" concr. (S. F. M.) at $18 yd.; (12) 238 cu. yds. cem. rubble masonry at $8 yd.; (13) 151 cu. ft. rip rap at $5 ft.; (14) 866 ft. 24-in. c. m. p. (hauling and placing) at 30c ft.; (15) 294 ft. 30-in. c. m. p. at 60c ft.; (16) 432 ft. 36 c. m. p. at 90c ft.; (17) 1090 ft. guard rail fence at $1.28 ft.; (18) 21,317 lbs. reinf. steel at 3c lb.; total, $73,539.01. State furnishes materials, $10,055.42.

Cashion, Caldwell Constr. Co., Inc., Phoenix, bid: (1) $1; (2) 45c; (3) $2.25 (4) 90c; (5) 50c; (6) 7c; (7) 75c; (8) 1.5c; (9) $21; (10) $21; (11) $20; (12) $17; (13) $3.50; (14) $1.25; (15) $1.40; (16) $1.50; (17) $1; (18) 6c; total, $87,600.77.

SAN FRANCISCO—C. B. Eaton, 715 Ocean Ave., at $8967.06 awarded cont. by Board of Public Works to imp. 48th Ave., bet. Santiago and Taraval Sts., involv. 1534 cu. yds. cut, $1; 675 lin. ft. 12-in. sewer, $3; 40 lin. ft. 18-in. sewer $3.85; 24 12-in. wye branches, $1 ea; 4 br. catchhbasins, $135 ea; 110 lin. ft. 10-in. culverts, $2; 3 br. manholes, $125 ea; 647 lin. ft. conc. curb, $1 ea; 330 sq. ft. art. stone walks, $.20 ea; 1200 sq. ft. conc. gutter, $.40 13,247 sq. ft. asph. conc. pave, $.26.

LOS ANGELES, Cal.—Patterson and Hess 2222 West Washington St. awarded a contract at $18,978 to const. retaining wall and grading at S Pasadena high school athletic field. MacMillan & Randall, 406-8 Frost Bldg., engineers.

SANTA ROSA, Sonoma Co., Cal.—Until April 21, 12 M., bids will be rec. by W. W. Felt Jr., County Clerk, to const. Penngrove highway in First Supervisorial District, involv. 694.4 cu. yds. 'A" conc. pavement or 36,000 sq. ft. asph. conc. base with Willite composition wearing surface; 28.34 cu. yds. "A" conc. in walls and culvert; 1360 lbs. reinforcing steel in culvert and walls; 600 cu. yds. unclassified excavation; est. cost, $12,500. Plans obtainable from clerk on deposit of $10, returnable. E. A. Peugh, county surveyor.

CORONADO, Cal.—City trustees declare inten. to const. sewers, storm drains and culverts in section of city known as the "flats." Cost, about $22,000. T. J. Allen, City Mgr.

PHOENIX, Ariz.—Chamber of commerce roads committee has presented to the board of directors report recommending construction to be paid by gasoline tax. The proposed work would connect Phoenix with Flagstaff, Globe, Tucson, Douglas, Yuma, and intermediate points. The report was prepared by the roads committee of which Judge Frank O. Smith is chairman. A resume follows:

The report estimates that the Flagstaff-Prescott paving can be constructed for $3,392,000; Phoenix to Prescott for $3,042,000; from Apache Trail Junction to Miami for $605,000 to $1,760,000, depending on type of construction; from Florence Junction to Douglass for $4,498,000; from Phoenix to Yuma for $4,394,000.

Over the present state highway the distance from Flagstaff to Prescott, is 106 mi.. Est .cost of asph. concr. or Warrenite, would be $30,000 per mi. r a total cost of $3,180,000; concr. pavement on this stretch is est. to cost $32,000 per mi. or $3,392,000.

Phoenix to Prescott road is 117 mi. Asph. concr. pavement is est. at $24,000 per mi. and concr. at $20,000.

Apache Trail Junction to Miami is 55 mi. over the Superior highway. It is believed that asph. concr. can be used on this highway. Without flush coat, this would cost about $10,000 per mi., and with, $11,000 per mi. Concr. paving is est. to cost $32,000 per mi.

Florence Junction to Douglas is 215 mi. of which 42 mi. is already paved, leaving 173 mi. to be improved; asph. concr. would cost $24,000 per mi. and concr. $26,000.

A 12 mi. stretch on the Superior highway east of Eastern Canal to Apache Trail Junction would cost $23,000 per mi. using asph. concr.; using concr., $27,000 per mi.

On the Phoenix-Yuma road, approx. 169 mi. remains to be paved. Using asph. concr. this would cost $24,000 per mi.; cem. concr., $26,000 per mi. Bridge structures not included.

Altogether, a total mileage of 632 mi. is proposed. This, it is suggested, could be handled by a $20,000,000 bond issue, paid off by the gasoline tax, which will average $612,000 a year.

COLUSA, Colusa Co., Cal.—Colusa county supervisors will appropriate $40,000 as one-half cost of financing construction of Tahoe-Ukiah highway west of Williams, if state highway commission will finance other half. Work would consist of grading and graveling. Taken under advisement. R. M. Morton, state Highway Eng.

FULLERTON, Cal.—L. A. Paving Co., 2900 Santa Fe Ave., Los Angeles, awarded contr. by city trustees to pave East Santa Fe Ave., involv. (1) 1½-in. Warrenite on 3½-in. asph. concr. base at 23.4 ft.; (2) 1½-in. Warrenite on 2½-in. base at 21.8c. ft.; (3) 2½-in. Warrenite bitul. pavement at 12c ft.; (4) 2x5 headers at 12c ft.; (5) 2x4 header at 10c ft.; (6) curb at 60c lin. ft.; (7) reconst. curb at 70c ft.; (8) culverts: (9) $5.25 ft.; (10) $4.75 ft.; (11) $7.25 ft. Other bids were:

Warren Constr. Co.—(1) 24.5c; (2) 23.3c; (3) 14.5c; (4) 20c; (5) 16c; (6) 70c; (7) 80c; (8) $6.75; (9) $6; (10) $9.

Geo. R. Curtis—(1) 24.7c; (2) 22c; (3) 14.9c; (4) 20c; (5) 15c; (6) 70c; (7) 85c; (8) $6.50; (9) $5.90; (10) $8.25.

Geo. H. Oswald—(1) 24.3c; (2) 22c; (3) 16c; (4) 12c; (5) 11c; (6) 67c; (7) 75c; (8) $5.25; (9) $4.75; (10) $7.50.

SAN JOSE, Santa Clara Co., Cal.—City Council, J. J. Lynch, Clerk, declares inten. to imp. San Fernando St., bet. 15th and 17th Sts., involv. grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs and gutters. 1911 Act and Bond Act 1915. Protests April 21. Wm. Popp, city engineer.

HANFORD, Kings Co., Cal.—Until April 18, 5 P. M., bids will be rec. by D. C. Williams, City Clerk, to imp. portions of Myrtle St., involv. 568 lin. ft. cem. curbs; 820 sq. ft. 5-in. cem. gutters and 11,709 sq. ft. grading. Lump sum bids desired. Cert. check 10% payable to city req.

EUREKA, Humboldt Co., Cal.—City Eng. H. H. Hannah preparing spec. to pave A St., bet. 2nd and 7th Sts. Council petitioned to pave G St., bet. 16th and Harris Sts.

PHOENIX, Ariz.—All bids rejected by state highway dept. to const. St. Johns-Springerville highway, federal aid project No. 68-B. The bids were:

H. T. Willis & Son and Winsor & Coleman, Snowflake, Ariz.—(1) 11,950 cu. yds. roadway excav. unclass. at 50c yd.; (2) 46,107 cu. yds. borrow excav. unclass. at 40c yd.; (3) 412 cu. yds. struct. excav. at $1.25 yd.; (4) 5546 cu. yds. ditches and channel changes unclass. at 35c yd.; (5) 994 cu. yds. levee at 40c yd.; (6) 8130 sta. yd. overhaul (earth work) at 6c yd.; (7) 19,936 cu. yds. gravel surfacing (incl. fords) at 19c yd.; (8) 1,222,077 sta. yds. overhaul surfacing (incl. fords) at 1.2c yd.; (9) 210 cu. yds. "A" conc. at $30 yd.; (10) 14 cu. yds. "B" concr. at $24 yd.; (11) 52 c. yds. "C" concr. at $25 yd.; (12) 7 cu. yds. cem. rubble masonry at $16 yd. (13) 51 cu. yds. slope walls at $10 yd.; (14) 166 lt. 24-in. c. m. p. at $1 ft.; (15) 26 ft. 30-in. c. m. p. at $1 ft.; (16) 15,220 lbs. reinf. steel at 5c lb.; 2 trusses for flume structure, complete in place at $[illegible] ea. Structures over 20 ft. clear span—alternate "A": (18) 201 cu. yds. excav. struct. unclass. at $3 yd.; (19) 124 cu. yds. "A" concr. at $28 yd.; (20) 63 cu. yds. "B" concr. at $26 yd.; (21) 19,500 lbs. reinf. steel at 5c lb. Alternate B: (18a) 209 cu. yds. excav. struct. unclass. at $3 yd.; (19a) 66 cu. yds. "A" concr. at $30 yd.; (20a) 7 cu. yds. "B" concr. at $29 yd.; (21a) 14,160 lbs. reinf. steel at 5c lb.; (21aa) 198 cu. yds. square stone masonry at $17 yd. Total, $76,953.82; state furnishes materials, $5595.40. Alt. B, $77,159.82; state furnishes materials, $4916.80.

Eager & Udall, St. Johns, Ariz.—(1) 60c; (2) 50c; (3) $1.35; (4) 45c; (5) 4[illegible]c; (6) 12.5c; (7) 88c; (8) 1.3c; (9) $30; (10) $29; (11) $27; (12) $23; (13) $18; (14) 94c; (15) 98c; (16) 6c; (17) $120; (18) $3; (19) $28; (20) $26; (21) 8c; (18a) $3.30; (19a) $29.50; (20a) $26.50; (21a) 5c; (21aa) $16.50; total, $85,280.20; total, alternate B, $84,816.40.

J. H. Udall, et al, St. Johns, Ariz.—(1) 55c; (2) 45c; (3) $1.50; (4) 45c; (5) 46c; (6) 12c; (7) 85c; (8) 1.1c; (9) $24; (10) $26; (11) $25; (12) $20; (13) $15; (14) 90c; (15) 90c; (16) 5c; (17) $100; (18) $2.50; (19) $27; (20) $26; (21) 5c; (18a) $2.50; (19a) $27; (20a) $26; (21a) 5c; (21aa) $16; total, $77,474.93; total, alternate B, $77,383.93.

WOODLAND, Yolo Co., Cal.—State Highway Commission preparing spec. to widen highway from Woodland to Solano county line, approx. 13 mi. in length; will consts of placing 2-ft. concrete shoulders on each side of existing pavement. R. H. Morton, state highway engineer.

STOCKTON, San Joaquin Co., Cal.—Council, A. L. Banks, City Clerk, declares inten. to imp. portions of Wilson Way, involv. grade and pave with 4-in. cementing gravel base with 2-in. asph. macadam surface; const. comb. conc. curbs and gutters, conc. walks; br. manholes; sanitary sewer house branches. 1911 Act and Bond Act 1915. Protests April 21. W. B. Hogan, city engineer.

LOS BANOS, Merced Co., Cal.—Until April 16, 8 p. m., bids will be rec. by H. F. Beaver, city clerk, for concrete pavement in connection with city's portion of work at 6th St. and the State Highway. Spec. obtainable from clerk.

SANTA CLARA CO., Cal. — Federal Paving Co., New Standard Oil Bldg., San Francisco, at $86,768 awarded contract by State Highway Commission to pave with asph. conc. and widen with waterbound macadam shoulder, 3.7-mi. in Santa Clara county bet. Milpitas and Coyote Creek. Engineer estimate $89,680.

LOS ANGELES, Cal.—Until 10 a. m., April 21, bids will be rec. by Bd. Pub. Wks. to imp. under 1911 act:

Ave. 32, bet. Carlyle St. and Verdugo Rd., involv. 26,496 sq. ft. Warrenite-bitul. paving; 1853 ft. curb; 9225 sq. ft. walk; 1939 sq. ft. gutter; san. sewer.

8th Ave., bet. Washington and Adams Sts., involv. 99,768 sq. ft. Warrenite-bitul. paving; 3442 sq. ft. 2-in. bitum. base paving; 836 sq. ft. conc. paving; 93 ft. curb; 3447 sq. ft. walk; 5158 sq ft gutter; 60 ft. hse. sewers.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

1540	Vayssie	Zupar	12750
1541	S. F.	Cuthbertson	12750
1542	North	Gillett	3000
1543	Dolan	Owner	2500
1544	Igstadter	Parker	5000
1545	Vail	Fegan	5000
1546	Huelter	Meyer	20000
1547	Crocker	Owner	3800
1548	Crocker	Owner	3300
1549	Crocker	Owner	4500
1550	Crocker	Owner	22200
1551	Sullivan	Wagner	12000
1552	Moneta	Arnott	9000
1553	Carlson	Owner	3000
1554	Malaspine	Owner	4000
1555	Marina	Owner	14000
1556	Nelson	Owner	6000
1557	Read	Owner	7000
1558	S F Dairy	Britt	2000
1559	Harley	Owner	10000
1560	Reed	Owner	4000
1561	Monteverdi	Rossi	9800
1562	Norton	Peterson	9000
1563	Porter	Ingraham	15186
1564	Mlirides	Coburn	2489
1565	Allen	Owner	8000
1566	Sorbi	Owner	4000
1567	Reinmann	Owner	2000
1568	Gibson	Owner	3000
1569	Hawkins	Owner	7000
1570	Smith	Owner	8000
1571	Morton	Owner	1000
1572	O'Brien	Halsen	12000
1573	Nelson	Owner	4000
1574	Trehino	Usconi	9000
1575	Weissman	Owner	7500
1576	King	Owner	5000
1577	Gensler	Federal	1000
1578	Johnson	Owner	4000
1579	Gillogley	Owner	14000
1580	Aronson	O'Reilly	2500
1581	Mac Neil	Owner	2200
1582	Hansen	Owner	4500
1583	King	Meyer	12000
1584	Renner	Meyer	12[illegible]
1585	Savage	Owner	35000
1586	Holmes	Owner	20000
1587	Hunt	Owner	7000
1588	United	Martin	10000
1588	United	Martin	y0000
1589	Hind	Owner	8000
1590	Same	Same	8000
1591	Same	Same	32000
1592	Schneider	Nelson	12500
1593	Levy	Kenealy	2840
1594	Krysick	Stroth	2323
1595	Rinaldo	Owner	5000
1596	Ladira	Owner	4 000
1597	Hpul	Owner	6000
1598	Tobin	Owner	14000
1599	McKenna	Owner	2500
1600	Roundey	Owner	6000
1601	Bugbee	Owner	9000
1602	Perasso	Owner	2000
1603	Warnke	Owner	10000
1604	Gensler	Federal	3000
1605	Watson	Owner	1960
1606	Burfeind	Owner	14000
1607	Klein	Anderson	11390
1608	Langan	Hjal	12500
1609	Kenig	Owner	11800
1610	Pagano	Perini	9000
1611	Armitage	Steifel	9000
1612	Sisters Society	Smith	15000
1613	United	Martin	10479
1614	McElroy	Scully	2500
1615	Recucia	Pine	1600
1616	Nichols	Meyer	3000
1617	Setmple	Owner	9000
1618	Welkus	Thomas	3600
1619	Fritzen	Masow	5000
1620	McLaughlin	McLaughlin	1500
1621	Rezzoli	Settrini	2500
1622	Tarinor	Costello	5000
1623	Warden	Owner	15000
1624	Hawthorne	Meyer	4000
1625	Berges	Owner	3800
1626	Nelson	Barrett	13000
1627	Strand	Owner	8000
1628	Nason	Rainey	15000
1629	Konnke	Petersen	19000
1630	Little	Owner	7000
1631	Danielson	Owner	4000
1632	Pac. T & T	Coutts	——
1633	Taylor	Rednall	14032
1634	Davis	Todhunter	3600
1635	Corder	Jensen	83845
1636	Residential	Pas Sts	——
1637	Homes Loan	Neugard	9860
1638	Norten	Dahlberg	8500
1639	Schoenfeld	Anderson	1000
1640	Pratt	Owner	3000
1641	Erickson	Owner	5000
1642	Bear	Owner	2000
1643	Adair	Hamill	14000
1644	Gruhr	Larsen	10000
1645	O'Reilly	Owner	8000
1646	Feerick	Owner	15000
1647	Kaster	Gardner	10750
1648	Westgate	Papenhausen	10700
1649	Same	Same	10700

RESIDENCE

(1540) NE FRANKLIN AND FRANCSICO. Two-story and basement frame residence.
Owner—Fred Vayssie, 1135 Francisco St., San Francisco.
Architect—Albert J. Fabre and Ernest H. Hildebrand, 110 Sutte St., S. F.
Contractor—W. Zupar, 1095 Market St., San Francisco. $12,500

CHURCH

(1541) NE GENEVA AND VIENNA. Two-story frame church.
Owner—San Francisco Church Extension Society.
Architect—Wm. J. Wythe, 514 Central Bldg., Oakland.
Contractor—Thos. A. Cuthbertson, 1766 12th Ave., San Francisco. $12,750

DWELLING

(1542) W GENESEE 50 S Joost Ave. One-story and basement frame dwelling.
Owner—Mrs. C. H. North, 421 Genessee St., San Francisco.
Architect—C. H. North, 421 Genessee St., San Francisco.
Contractor—F. W. Gillett, 375 Staples Ave., San Francisco. $3000

WAREHOUSE

(1543) W MISSION 442-11¾ N OF junction of Mission, Duboce and Otis Sts. One-story frame building material warehouse.
Owner—D. J. Dolan, ——.
Architect — Wm. J. Wilkinson, 220 Howard St., Oakland. $2500

DWELLING

(1544) N SANTA MONICA WAY 110 W San Lorenzo Way. 1½-story and basement frame dwelling.
Owner—James Igstadter, ——.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—C. F. Parker, 251 Kearny St., S. F. $5000

DWELLING

(1545) W SIXTEENTH AVE. 218 S Kirkham. 1-story and basement frame dwelling.
Owner—Frank Vail, 1026 Market St., San Francisco.
Architect—None.
Contractor—Harry Fegan, 4565 18th St., S. F. $5000

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

DWELLINGS
(1546) E THIRTY-NINTH AVE. 100, 125, 150, 175, 200 S Balboa. Five 1-story and basement frame dwlgs.
Owner—F. Huelter, 751 47th Ave., S. F.
Architect—None.
Contractor—Meyer Bros., 603 First National Bank Bldg., S. F. $4000 each.

DWELLING
(1547) S ROLPH 25 W Seville. One-story and basement frame dwlg.
Owner—Crocker Estate.
Architect—None. $3800

DWELLING
(1548) S MUNICH 265 E Naples. 1-story and basement frame dwlg.
Owner—Crocker Estate.
Architect—None. $3300

DWELLING
(1549) S STILLING 100 E Congo St. 1-story and basement frame dwlg.
Owner—Crocker Estate.
Architect—None. $4500

DWELLINGS
(1550) E WHEELER 166, 200, 100, 133 S Bay Shore;
NW CORDOVA AND WINDING Way;
SW CORDOVA AND PRAGUE. Six 1-story and basement frame dwlgs.
Owner—Crocker Estate Co., 525 Crocker Bldg., S. F.
Architect—None. $22,200

FACTORY
(1551) SE FLORIDA AND 16TH STS. 1-story brick factory.
Owner—Walter H. Sullivan, Inc., Alexander Bldg., S. F.
Designer and Contractor—Geo. Wagner, 181 South Park, S. F. $12,000

DWELLINGS
(1552) S JOOST 225, 250, 275 E Foerster. Three 1-story and basement frame dwellings.
Owner—Moneta Investment Co., —.
Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. $3000 each.

SHOP
(1553) N NATOMA 110 W TENTH ST. 2-story frame shop.
Owner—O. E. Carlson, 180 Jessie St., San Francisco.
Architect—None. $3000

DWELLINGS
(1554) S RUSSIA 75 AND 100 W London. Two 1-story and basement frame dwellings.
Owner—E. Malaspina, 442 Lisbon St., San Francisco.
Architect—None. $4000

FLATS
(1555) W STEINER 35, 60 S LOMbard. Two 2-story and basement frame flats, 2 flats in each building.
Owner—Marina Investment Co., 535 North Point St., S. F.
Architect—None. $7000 each.

DWELLINGS
(1556) E THIRTY-THIRD AVE., 50 and 75 N Irving. Two 2-story and basement frame dwlgs.
Owner—F. Nelson & Son, 2 West Portal Park, S. F.
Architect—None. $3000 each.

DWELLING
(1557) E TWENTY-FIRST AVE. 266-6 S Taraval. 2-story and basement frame dwellings.
Owner—G. W. Read, 936 Broadway, San Francisco.
Architect—None. $7000

ADDITION
(1558) 1553 TURK STREET. Construct addition to office.
Owner—San Francisco Dairy Co., 1553 Turk St., S. F.
Architect—None.
Contractor—O. W. Britt, 1257 Arguello Blvd., S. F. $2000

WAREHOUSE
(1559) REAR 750 TOWNSEND ST. 2-story frame warehouse.
Owner—Chas. Harley Co., 750 7th St., San Francisco.
Architect—None. $10,000

RESIDENCE
(1560) N WESTWOOD DR. 102-4 W Miramar Ave. 1-story and basement brick and tile residence.
Owner—George Reed, 180 Jessie St., San Francisco.
Architect—None. $4000

FRAME BLDG.
(1561) N FILBERT 137-6 E Fillmore E 25 x N 120. All work for 2-story and basement frame bldg.
Owner — Fortunato Monteverdi, 1968 Greenwich St., S. F.
Architect—L. Traverso.
Contractor — Francesco Rossl, 1799 Filbert St., S. F.
Filed April 3, 1924. Dated Mar. 28, 1924.

Enclosed and roof on	$2450
Brown coated	2450
Completed and accepted	2450
Usual 35 days	2450
TOTAL COST,	$9800

Bond, $4900. Sureties, G. Fossa and G. Del Carlo. Forfeit, none. Limit, 90 days. Plans and Specifications filed.
NOTE—Permit reported Mar. 29, 1924 No. 1435.

FLATS
(1562) W FIFTH AVE. 50 S JUDAH, 25 x 95. All work for 2-story frame flats.
Owner—Emma M. Norton, 40 Carl St., San Francisco.
Architect—None.
Contractor—Dahlberg & Peterson, 330 Moraga St., S. F.
Filed April 3, 1924. Dated April 1, 1924.

Frame up	$2250
Plastered	2250
Completed and accepted	2250
Usual 35 days	2250
TOTAL COST,	$9000

Bond, Sureties, Forfeit, none. Limit, 90 days after April 3, 1924. Plans and Specifications not filed.

RESIDENCE
(1563) LOT 13 AND PTN. LOT 14 BLK 21, San Leandro Way, St. Francis Wood. All work for 2-story frame residence and garage.
Owner—H. S. Porter, 3006 Broderick St., S. F.
Architect — Jos. L. Stewart, Claus Spreckels Bldg., S. F.
Contractor—M. C. Ingraham, 165 Fell St., S. F.
Filed April 3, 1924. Dated April 3, 1924.

Roof ready for shingles	$3796.50
Brown coated	3796.50
Ready for painter	1898.25
Completed and accepted	1898.25
Usual 35 days	3796.50
TOTAL COST,	$15,186

Bond, $7662.50. Sureties, New Amsterdam Casualty Co. Forfeit, $10.00. Limit, 90 days. Plans and Specifications filed.

REPAIRS
(1564) NO. 425 ANZA. Repair fire damage to dwelling.
Owner — M. Milirides, 180 Jessie St., San Francisco.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. $2489

FRAME FLATS
(1565) S CABRILLO 85 E Seventh Ave. Two-story and basement frame (2) flats.
Owner—Capt. C. E. Allen, 110 Sutter St., San Francisco.
Architect—A. J. Horstmann, 110 Sutter St., San Francisco. $8000

DWELLINGS
(1566) E EDINBURGH 250 and 275 N Russia. Two one-story and basement frame dwellings.
Owner—A. Sorbi, 224 Russia Ave., San Francisco.
Architect—None. $2000 each

DWELLING
(1567) E FORTY-SIXTH AVE 150 N Kirkham. One-story and basement frame dwelling.
Owner—Wilhelm R. Reinmann, 48 Ramona Ave., San Francisco.
Architect—None. $2000

DWELLING
(1568) S LAWTON 95 E Nineteenth Ave. One-story and basement frame dwelling.
Owner—R. W. Gibson, 55 5th St., San Francisco.
Architect — Willis Lowe, Monadnock Bldg., San Francisco. $3000

DWELLINGS
(1569) E LAGUNA HONDA BLVD. 52 and 97 N Vasquez. Two one-story and basement frame dwellings.
Owner — Hawkins Improvement Co., Mills Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $3500 each

DWELLINGS
(1570) S LINCOLN WAY 86 and 118 E 34th Ave. Two one-story and basement frame dwellings.
Owner—Byrd O. Smith, 247 Montgomery St., San Francisco.
Architect—None. $4000 each

DWELLING
(1571) NO. 349 TENTH AVE. One-story and basement frame dwelling.
Owner—Mrs. C. Morton, Premises.
Architect—None. $1000

DWELLINGS
(1572) E TWENTY-FOURTH AVE 100 125, 150 and 175 S Taraval. Four one-story and basement frame dwellings.
Owner—T. Joseph O'Brien, 1355 4th Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Halsen & Sioblom, 37 Fair Ave., S. F. $3000 each

DWELLING
(1573) S VICENTE 225 W Wawona. One-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Pank, S. F.
Architect—None. $4000

DWELLINGS
(1574) SE WOOL AND ENGENIA and E Wool 25 S Eugenia. Two one-story and basement frame dwlgs.
Owner — Louis Trebino, 3518 Mission St., San Francisco.
Architect—None.
Contractor — John Usconi, 253 Prim St., San Francisco. $4500 each

FLATS
(1575) E FRANKLIN 27-6 S Chestnut. 2-story and basement frame (2) flats.
Owner—Max Weissman, 1410 8th Ave., San Francisro.
Architect—None. $7500

STORES
(1576) S HAYES 106-3 W ASHBURY. 1-story frame (2) stores.
Owner—W. S. King, Hearst Bldg., S. F.
Architect—None. $5000

SIGNS
(1577) 818 MARKET STREET. Erect electric signs.
Owner—Gensler-Lee Co., 818 Market St San Francisco.
Architect—None.
Contractor — Federal Electric Co., 91 New Montgomery St., S. F. $1000

DWELLING
(1578) E MIRAMAR 150 S Holloway. 1-story and basement frame dwlg.
Owner — Johnson and Erlendsen, 1865 Jackson St., S. F.
Architect—None. $4000

FLATS
(1579) E SAN JOSE AVE. 187-4¼ and 212-4½ S 29th St. Two 2-story ant basement frame flats, 2 flats in each bulining.
Owner—J. W. Gillogley, 745 San Jose Ave., S. F.
Architect—None. $7000 each.

ALTERATIONS
(1580) NW THIRD AND NATOMA Sts. Plaster exterior of street fronts; remove galv. iron cornice and replace with new cornice.
Owner—A. Aronson, Mer. Exch. Bldg., San Francisco.
Architect—Samuel Lightner Hyman & A. Allpeton, 68 Post St., S. F.
Contractor—Francis O'Reilly and Guilfoy Cornice Works, 180 Jessie St., San Francisco. $2500

DWELLING
(1581) W VIENNA 100 N FRANCE. 1-story and basement frame dwlg.
Owner—James MacNeil, 594 Valencia St., S. F.
Architect—None. $2200

DWELLING
(1582) NW CHURCH AND RANDALL Sts. One-story and basement frame dwelling.

Owner—Albert M. Hansen, 1884 Church St., San Francisco.
Architect—W. H. Armitage, 400 Call Bldg., San Francisco. $4500

APARTMENTS
(1583) E DOLORES 100 S 24th St. Two-story and basement frame (4) apartments.
Owner—H. King.
Architect—Wm. Debrunner, 1348 Powell St., San Francisco.
Contractor—Meyer Bros., 1st National Bank Bldg., S. F. $12,000

APARTMENTS
(1584) E DOLORES 125 S Twenty-fourth. Two-story and basement frame (4) apartments.
Owner—C. Renner.
Architect—Wm. Debrunner, 1348 Powell St., San Francisco.
Contractor—Meyer Bros., 1st National Bank Bldg., S. F. $12,000

STORES
(1585) N GEARY 70 E Twenty-second Ave. Two-story frame stores.
Owner—W. A. Savage, 5745 Geary St., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $35,000

SHOP
(1586) W SEVENTH 150 S Howard. One-story brick auto repair shop.
Owner—H. E. Holmes, 774 Folsom St., San Francisco.
Architect—P. Righetti, 12 Geary St., San Francisco. $20,000

DWELLING
(1587) W SIXTH AVE 150 S Irving. Two-story and basement frame dwelling.
Owner — H. J. Hunt, 1205 10th Ave., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $7000

ALTERATIONS
(1588) SW VAN NESS AVE & SUTTER St. Alterations and additions for (9) stores.
Owner—United Cigar Stores Co., 555 Howard St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.
Contractor—Wm. Martin, 180 Jessie St., San Francisco. $10,000

FRAME FLATS
(1589) S GREENWICH 25-6 E Webster St. Two-story and basement frame (2) flats.
Owner—A. E. Hind, Hearst Bldg., San Francisco.
Architect—W. G. Hind, 711 Hearst Bldg San Francisco. $8000

FRAME FLATS
(1590) W PIXLEY 75-6 E Webster. Two-story and basement fraame ats.
Owner—A. E. Hind, Hearst Bldg., San Francisco.
Architect—W. G. Hind, 711 Hearst Bldg San Francisco. $8000

DWELLINGS
(1591) SE WEBSTER AND GREENwich.
NE WEBSTER & PIXLEY AVE.
E WEBSTER 28 and 60 S Greenwich. Four two-story and basement frame flat buildings (2 flats in each).
Owner—A. E. Hind, % Architect.
Architect—W. G. Hind, 711 Hearst Bldg San Francisco. $8000 each

FRAME FLATS
(1592) W BAKER 112-6 N Hayes N 25xW 121-10½. All work for two-story and basement frame building (2 flats).
Owner—Alois Schneider, 1414 15th St., San Francisco.
Architect—W. H. Armitage, 72 New Montgomery St., San Francisco.
Contractor—E. K. Nelson, 500 Buchanan St., San Francisco.
Filed Apr. 5, '24. Dated Apr. 3, '24.
Rough frame up.....$3125
Brown coated 3125
Completed and accepted..... 3125
Usual 35 days..... 3125
TOTAL COST, $12,500
Bond, $6250. Sureties, G. Demaestri & D. J. Williams. Limit, 90 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit applied for today.

ALTERATIONS
(1593) NO. 680 FIFTH AVE All work except painting, wall beds, water heaters, finish hardware, shades and light fixtures for alterations to building.
Owner—H. Walter Levy, Premises.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—H. J. Keneally, 2175 Green St., San Francisco.
Filed Apr. 5, '24. Dated Apr. —, '24.
Ready for plaster.....$710
White coated 710
Completed and accepted..... 710
Usual 35 days..... 710
TOTAL COST, $2840
Bond, $1420. Sureties, Mrs. J. J. Kearney and Mrs. Mary E. Keneally. Limit, 60 days. Forfeit, $5. Plans and specifications filed.

ALTERATIONS
(1594) N CLINTON PARK 117 W Guerrero W 25xN 75. All work for alterations and repairs to 1st and 2nd floors of building.
Owner—Julia and Valentine Krysiak.
Architect—None.
Contractor—Emil Stroth, 469 14th St., San Francisco.
Filed Apr. 5, '24. Dated Feb. 20, '24.
Ready for painters.....$161.50
Completed and accepted..... 580.75
Usual 35 days..... 580.75
TOTAL COST, $2323.00
Bond, $1162. Sureties, Fred Binner & J. Stroth. Limit, 60 days. Forfeit, plans and specifications, none.

FLATS
(1595) S BERNARD 166 W Jones. Two-story and basement frame (2) flats.
Owner—Mr. Rinaldo, 71 Bernard St., San Francisco.
Architect—None. $5000

DWELLING
(1596) S RICHLAND 175 W Murray. One-story and basement frame dwelling.
Owner—E. Ladira, 23 Richland Ave., San Francisco.
Architect—None. $4000

FACTORY
(1597) W RUSS 235 S Howard. One-story concrete factory.
Owner—J. H. Hjul, 128 Russ Bldg., San Francisco.
Engineer—J. H. Hjul.
Contractor—J. H. Hjul, 128 Russ Bldg., San Francisco. $6000

PAINT SHOP
(1598) SE CLINTON PARK & VALENcia. One-story reinforced concrete auto paint shop.
Owner—J. J. Tobin, 26 Montgomery St., San Francisco.
Architect—Arthur S. Bugbee, 26 Montgomery St., S. F. $14,000

STORAGE BLDG.
(1599) NW FOURTEENTH & TRAINor. Two-story frame storage and renovatory building.
Owner—Thos. McKenna, 1341 Lyon St., San Francisco.
Architect—John J. Foley. $2500

DWELLINGS
(1600) NW OLSTEAD 30 and 55 NE Girard. Two one-story and basement frame dwellings.
Owner—Geo. H. Roundey, 995 Market St., San Francisco.
Architect—None. $3000 each

FRAME FLATS
(1601) N LOMBARD 80 W Franklin. Two-story and basement frame (2) flats.
Owner—Arthur S. Bugbee and Monty Nathan, 26 Montgomery St., S. F.
Architect—Arthur S. Bugbee, 26 Montgomery St., San Francisco. $9000

DWELLING
(1602) E ATHENS 200 N Italy. One-story and basement frame dwlg.
Owner—Mrs. Theresa Perasso, 811 Athens St., San Francisco.
Architect—None. $2000

FRAME FLATS
(1603) E NINETEENTH AVE 300 N Fulton. Two-story and basement frame (2) oats.
Owner—W. N. W. Warnke, 1056 Fulton St., San Francisco.
Architect—Carl Geilfuss, 1056 Fulton St., San Francisco. $10,000

SIGNS
(1604) NO. 818 MARKET. Erect electric signs.
Owner—Gensler Lee Co., 818 Market St., San Francisco.
Architect—None.
Contractor—Federal Elec. Co., 91 New Montgomery St., S. F. $3000

ALTERATIONS
(1605) NO. 200 FAIR OAKS AVE. General alterations for (2) flats.
Owner—Mr. Watson.
Archtiect—None. $1960

FLATS
(1606) N FRANCISCO 62-6 E Gough. Two-story and basement frame (2) flats.
Owner—Dr. W. M. Burfeind, % Architect
Architect—Albert J. Fabre and Ernest H Hildebrand, 110 Sutter St., San Francisco. $14,000

FLATS
(1607) W FOURTEENTH AVE 124 N Cabrillo. Two-story and basement frame (2) flats.
Owner—W. F. Klein, 222 Clayton St., San Francisco.
Architect—None.
Contractor—S. R. Anderson, 4002 22nd St., San Francisco. $11,390

GARAGE
(1608) W HOWARD 170 N 17th. One-story concrete garage.
Owner—Daniel Lagan.
Engineer—J. H. Hjul, 128 Russ Bldg., San Francisco.
Contractor—J. H. Hjul, 128 Russ Bldg, San Francisco. $12,500

STORES, ETC.
(1609) SE IRVING AND TWENTYsecond Ave. Two-story frame stores and offices.
Owner—Wm. Koenig, 1 Pacheco St., San Francisco.
Plans by Owner. $11,800

FLATS
(1610) W OCTAVIA 50 N Chestnut St. Two-story and basement frame (2) flats.
Owner—Mrs. O. Pagano, San Anselmo.
Architect—None.
Contractor—M. A. Perini, 879 Greenwich St., San Francisco. $9000

FLATS
(1611) W PRESIDIO AVE 75 N Sacramento. Two-story and basement frame (2) flats.
Owner — Thomas Armitage, 251 11th Ave., San Francisco.
Architect—None.
Contractor—John V. Steifel, 184 23rd Ave., San Francisco. $9000

CONVENT BLDG.
(1612) N HAIGHT 60 W Laguna. 2-story and basement frame convent.
Owner—Sisters of the Society of Helpers, 204 Haight St., S. F.
Architect—Smith O'Brien, 742 Market St., S. F.
Contractor—J. W. Smith. $15,000

ALTERATIONS
(1613) SW VAN NESS AVE. AND Sutter S 60 x W 109-9. All work for alterations to bldg.
Owner—United Stores Realty Corp., 555 Howard St., S. F.
Architect—Earle B. Bertz, 168 Sutter St., S. F.
Contractor—Wm. Martin, 180 Jessie St. San Francisco.
Filed April 7, 1924. Dated April 7, 1924.
Ready for plastering $3929.00
Completed and accepted 3930.25
Usual 35 days 2619.75
TOTAL COST, $10,479
Bond, $5239.50. Sureties. New Amsterdam Casualty Co. Forfeit, none. Limit, 120 days. Plans and Specifications filed.
NOTE—Permit reported Apr. 7, 1924, No. 1588.

REPAIRS
(1614) NW FILLMORE & PINE STS. Repair fire damage to store and dwelling; painting, carpentry and plastering.
Owner—R. D. McElroy, Phelan Bldg., San Francisco.
Architect—None.
Contractor—J. E. Scully, Phelan Bldg., San Francisco. $2500

ALTERATIONS
(1615) NO. 1225 FOLSOM. Alter and repair restaurant.
Owner—Ramelo Reucia and Andrea Viglietti, 1225 Folsom St., S. F.
Architect—None.
Contractor—Pine & Hodges, 1230 Folsom St., San Francisco. $1600

DWELLING
(1616) E FORTY-FIFTH AVE 125 S Cabrillo. One-story and basement frame dwelling.
Owner—J. B. Nichols, 5600 Geary St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 1st National Bank Bldg., S. F. $3000

APARTMENTS
(1617) N FRANCISCO 125 W Octavia. Two-story and basement frame (4) apartments.
Owner—Edna B. Stempel and Bessie Cooley, 531 Geary St., S. F.
Architect—None.
Contractor — Stemple & Cooley, 5331 Geary St., San Francisco. $9000

ALTERATIONS
(1618) NO. 720 GOLDEN GATE AVE. Alter and add to store.
Owner—J. M. Welkus.
Architect—A. W. Richardson, 911 Church St., San Francisco.
Contractor—H. S. Thomas. $3600

ALTERATIONS
(1619) NO. 3011 JACKSON. Remodel present building for 3 5-room flats.
Owner—Mrs. T. Fritzen, Premises.
Architect—F. H. Masow, 2809 College Ave., Berkeley.
Contractor—F. H. Masow, 2809 College Ave., Berkeley. $5000

ALTERATIONS
(1620) S STEVENSON 100 W Seventh. Construct wall on east side of public garage building.
Owner—Sadie I. McLaughlin, 251 Kearny St., San Francisco.
Architect—None.
Contractor—James L. McLaughlin Co., 251 Kearny St., S. F. $1500

DWELLING
(1621) NE THIRD & NELSON AVE. One-story and basement frame frame dwelling.
Owner — Fred Rezzoli, 1691 Oakdale Ave., San Francisco.
Architect—None.
Contractor — P. Settrini, 1509 Shrader St., San Francisco. $2500

FRAME FLATS
(1622) E TWENTY-FIFTH AVE 75 S Cabrillo. Two-story and basement frame (2) flats.
Owner—John Trainor, 2653 Folsom St., San Francisco.
Architect—None.
Contractor — Costello Bros., 821 34th Ave., San Francisco. $5000

APARTMENTS
(1623) NE CARL AND WILLARD Streets. 3-story & basement frame (10) apartments.
Owner—Fred Warden, 1515 11th Ave., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco. $15,000

RESIDENCE
(1624) E FORTY-FOURTH AVE. 175 S Geary. 1-story and basement frame residence.
Owner—C. Hawthorne, 5600 Geary St., San Francisco.
Architect—None.
Contractor—Meyer Bros., First Natl. Bank Bldg., San Francisco. $4000

RESIDENCE
(1625) N FULTON 27-6 E 15th Ave., 2-story and basement frame residence.
Owner—August Berges, 894 Union St., Alameda, Cal.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco. $3800

STORE & LOFT
(1626) S HOWARD 275 W 7th. 2-story concrete class C store and loft.
Owner—J. J. Nelson, 864 Mission St., San Francisco.
Engineer—R. W. Jenkins.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco. $13,000

FLATS
(1627) W NINTH AVE. 100 N California. 2-story and basement frame (2) flats.
Owner—Strand and Strand, Care Architects.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $8000

WHSE & FACTORY
(1628) E POTRERO AVE. 25 N 15th. 1-story and basement brick paint warehouse and factory.
Owner—R. N. Nason & Co., premises.
Architect—Theo. W. Lenzen, Humboldt Bank Bldg., San Francisco.
Contractor—Wm. Rainey & Sons, 180 Jessie St., S. F. $15,000

PRINTING SHOP
(1629) N SACRAMENTO 50 E Kearny. 2-story class B concrete printing shop.
Owner—W. I. Konnke, 568 Clay St., San Francisco.
Engineer—C. E. Curry, 214 Sharon Bldg San Francisco.
Contractor—H. L. Petersen, 35 Montgomery St., S. F. $19,000

RESIDENCE
(1630) E SOTELO 606 552 N Lopez. 2-story and basement frame residence.
Owner—Mr. John Little.
Architect—Edward E. Young 2002 California St., S. F. $7000

DWELLING
(1631) W TWENTY-THIRD AVE. 35 N Kirkham. 1-story and basement frame dwelling.
Owner—Frank Danielson, 879 Vermont St., San Francisco.
Architect—Carl O. Lindberg, 478 32nd Ave., San Francisco. $4000

OFFICE BLDG.
(1632) N BUSH bet. Kearny & Grant Ave.. Structural steel & iron work for new main office bldg.
Owner—The Pacific Telephone & Telegraph Co.
Architect — Bliss & Faville, Balboa Bldg., San Francisco.
Contractor — A. D. Coutts Co., 1425 Shotwell St., S. F.
Filed April 8, 1924. Dated April 7, 1924.
1st each month 95%
36 days after 5%
TOTAL COST, $20,25 per ton.
Bond, Forfeit, Limit, none; Plans and specifications filed.

DWELLING
(1633) NW VALLEJO AND BRODERICK W 27-6 x N 100. All work for 2-story and basement frame dwelling.
Owner—Felton Taylor, 621 First Nat'l. Bank Bldg., S. F.
Plans by Owner.
Contractor—W. W. Rednall, 2500 Filbert St., S. F.
Filed Apr. 8, 1924. Dated Apr. 8, 1924.
Roof sheathing on $4000
1st coat plaster on 3000
Completed and accepted 2000
Usual 35 days 5092
TOTAL COST, $14,092.
Bond, $7046. Sureties, W. P. Holmes and T. A. Freese. Forfeit, $4.00. Limit, 120 days. Plans and Specifications filed.

RESIDENCE
(1634) LOT 48 BLK R MAP 3 PARK Lawn Tract No. 197 Lower Terrace. All work execpt painting for 2-story frame residence.
Owner—Mrs. Kate S. Davis.
Architect—None.
Contractor—George C. Todhunter, 1088 Ashbury St. San Francisco.
Filed April 8, 1924. Dated April 8, 1924.
Frame up 25%
Brown coated 25%
Completed and accepted 25%
Usual 35 days 25%
TOTAL COST, $3200
Bond, Forfeit, Limit, none; Plans and Specifications filed.

BUILDING
(1635) NW HOWARD & TENTH N 165 x W 135. All work for 1-story and basement class B bldg.
Owner—T. W. Corder, Inc.
Architect—M. V. Politeo, 1st National Bank Bldg., San Francisco.
Contractor—G. P. W. Jensen, 326 Market St., San Francisco.
Filed April 8, 1924. Dated April 8, 1924
1st each month 75%
Usual 35 days 25%
TOTAL COST, $83,845
Bond, none; Forfeit, $40; Limit, 120 days; Plans and specifications filed.

STREET WORK
(1636) WESTWOOD HIGHLANDS Street work.
Owner — Residential Development Co. of San Francisco.
Engineer—Punnett & Pares, 58 Sutter St., San Francisco.
Contractor—Pacific States Constr. Co., Call Bldg., San Francisco.
Filed April 8, '24. Dated April 5, '24.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST—Grading 0.67 per cu. yd. 1½-in. asphalt pavement, 6-inch concrete base, 0.225 per sq. ft.; side walks, 15c per sq. ft.; 8-in. sewers, $1.60 per ft., etc.
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

RESIDENCE
(1637) PTN LOTS 10 AND 11 BLK 22 St. Francis Wood Extn. No. 2. All work for frame residence.
Owner—Homes Loan Corp.
Architect—Albert J. Fabre and Ernest H. Hildebrand, 110 Sutter St., San Francisco.
Contractor—Carl T. Wengard, 1286 34th Ave., San Francisco.
Filed Apr. 8, '24. Dated Apr. 7, '24.
Frame up $2465
Brown coated 2465
Completed and accepted..... 2465
Usual 35 days..... 2465
TOTAL COST, $9860
Bond, $4930. Sureties, Emil Nelson & Harry Barromeo. Limit, 120 days. Forfeit, $5. Plans and specifications filed.

FLATS
(1638) W FIFTH AVE 50 S Judah. Two-story and basement frame (2) flats.
Owner—Mrs. E. Norten, 40 Ashbury St., San Francisco.
Architect—None.
Contractor—Dahlberg & Peterson, 1560 10th Ave., San Francisco. $8500

ALTERATIONS
(1639) NO. 269 O'FARRELL. Relocate lobby wall; erect partition in store
Owner—Jonas Schoenfeld Co., % Contractors.
Architect—None.
Contractor—Anderson & Ringrose, 320 Market St., San Francisco. $1000

RESIDENCE
(1640) E THIRTY-SEVENTH AVE 25 N Cabrillo. Two-story and basement frame residence.
Owner—Roy A. Pratt, 7140 Geary St., San Francisco.
Architect—None. $3000

DWELLING
(1641) W TWENTY-SEVENTH AVE 175 S Taraval. One-story and basement frame dwelling.
Owner—A. Erickson, 256 Church St., San Francisco.
Architect—None. $5000

DWELLING
(1642) E TWENTY-SIXTH AVE 125 N Judah. One-story and basement frame dwelling.
Owner—E. H. Bear, 1204 Mason St., San Francisco.
Architect—None. $2000

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FLATS
(1643) S ANZA 35 and 62-6 W Twenty-fourth Ave. Two two-story and basement frame buildings (2 flats in each).
Owner—Ed. Adair, 6140 Geary St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $7000 each

BUNGALOWS
(1644) S MINNA 165 W Eleventh. Five one-story frame buildings comprising bungalow court.
Owner—Mrs. J. M. Gruhr and Harriet D. Herbst. 1525 Mission St., S. F.
Architect—Harry M. J. Peterson, Phelan Bldg., San Francisco.
Contractor—Larsen-Siegrist Co., Claus Spreckels Bldg., San Francisco. $2000 each

APARTMENTS
(1645) SW THIRTEENTH AVE AND Judah. Two-story and basement frame (4) apartments.
Owner—John O'Reilly, 811 Judah St., San Francisco.
Architect—None. $8000

DWELLINGS
(1646) E THIRTY-FIFTH AVE 150, 175 and 200 S Cabrillo. Thre two-story and basement frame dwlgs.
Owner — Bryan Feerick, 253 Downey St., San Francisco.
Plans by Owner. $5000 each

FLATS
(1647) COM. 45.10 W OF INT. FRANCISCO and Grant Ave W alg Francisco 34-4½xN 68-9. All work for two-story frame flats.
Owner—Jennie Kaster, 234 Francisco St., San Francisco.
Architect—G. A. Berger, 261 Valencia St., San Francisco.
Contractor—K. C. Gardner and John Miron, 335 Raymond St., S. F.
Filed Apr. 9, '24. Dated Apr. 4, '24.
Ready for roofing.....$2687.50
Brown coated 2687.50
Completed and accepted..... 2687.50
Usual 35 days..... 2687.50
TOTAL COST, $10,750.00
Bond, $5500. Sureties, Tom M. Ternan and John Murphy. Limit, 90 days. Forfeit, $10. Plans and specifications filed.
NOTE:—Permit applied for today.

DWELLING
(1648) LOT 12 BLK. 2, St. Francis Wood Extn. No. 1. All work for frame dwelling.
Owner—Westgate Parfk Co., 278 Post St., San Francisco.
Architect — Masten & Hurd, 278 Post St., San Francisco.
Contractor — Henry Papenhausen, 532 3rd Ave., San Francisco.
Filed Apr. 9, '24. Dated Apr. 3, '24.
Frame up $2675
Brown coated 2675
Completed and accepted..... 2675
Usual 35 days..... 2675
TOTAL COST, $10,700
Bond, $5350. Sureties, C. W. Higgins and L. H. Birth. Limit, 100 days. Forfeit, $5. Plans and specifications filed.

DWELLING
(1649) LOT 15 BLK. 3, St. Francis Wood Extn. No. 1. All work for frame dwelling.
Owner—Westgate Parfk Co., 278 Post St., San Francisco.
Architect — Masten & Hurd, 278 Post St., San Francisco.
Contractor — Henry Papenhausen, 532 3rd Ave., San Francisco.
Filed Apr. 9, '24. Dated Apr. 3, '24.
Frame up $2675
Brown coated 2675
Completed and accepted..... 2675
Usual 35 days..... 2675
TOTAL COST, $10,700
Bond, $5350. Sureties, C. W. Higgins and L. H. Birth. Limit, 100 days. Forfeit, $5. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
April 3, 1924—W BAKER 84 N Filbert. Wm B Herlihy to Christiansen Bros.....April 3, 1924
April 3, 1924—E LEAVENWORTH 65 S Ellis S 50xE 82-6. Lager & Val Franz to whom it may concern.....April 3, 1924
April 3, 1924—N TWENTY-THIRD 50 W Alabama 37-6x114. J Michael to Christian Bomerer....Apr. 2, 1924
April 3, 1924—N FULTON 128-10 W Parker Ave 25x120. F A Legault to whom it may concern..Mar. 24, '24
April 3, 1924—W LEE AVE 150 N Grafton Ave N 25xW 112-6 Lot 48 Blk 2, Lakeview. Meyer Bros to whom it may concern...Apr. 2, 1924
April 3, 1924—N STAPLES AVE 100 E Foerster E 50xN 112-6 Lots 10 and 13 Blk 18, Sunnyside. M A Austin to James Arnott & Son.....April 2, 1924
April 4, 1924—E FORTY-FIFTH AV 120, 145 and 170 S Geary S 25xE 120. Nick Hemminga to whom it may concern.....April 4, 1924
April 4, 1924—LOT 27 BLK 20, Ingleside Terrace. Gordon W and Linnie Morris to whom it may concern.....March 29, 1924
April 4, 1924—N POST 137-6 W Stockton W 37-6xN 137-6. Wm M and Mary E Fitzhugh to Atlas Heating & Ventilating Co.....March 28, 1924
April 4, 1924—NW BRYANT AND Morris W 25xN 75. Chas A Adams to Buschke & Brown...April 1, 1924
April 4, 1924—NO. 751 FORTIETH Ave, bet. Balboa and Cabrillo. John Burns to whom it may concern.....April 3, 1924
April 4, 1924—E FORTY-FIRST AVE 251-4 S Anza 25x120. F Carroll Reed to whom it may concern.....April 3, 1924
April 4, 1924—W JULES AVE 175 and 150 N Halloway Ave 25x112-6. Sigurd and Thine Larsen to whom it may concern.....April 4, 1924
April 4, 1924—E GENESSEE 75 N Hearts Ave N 25xE 100 Lot 6 Blk 11, Sunnyside. Anders M Boe to whom it may concern...April 4, 1924
April 4, 1924—E GENESSEE 100 N Hearst Ave N 25xE 100 Lot 5 Blk 11, Sunnyside. Anders M Boe to whom it may concern.....April 4, 1924
April 4, 1924—NW GREENWICH & Octavia N alg W Octavia 25xW 81-3. Alfred E Hind to whom it may concern.....April 4, 1924
April 4, 1924—W OCTAVIA 25, 50 and 75 N Greenwich N 25xW 81-3. Alfred E Hind to whom it may concern ..... April 4, 1924
April 4, 1924—N FIFTH AND HOWard NW 275xNE 275. Clay Slocumb to whom it may concern.....April 4, 1924
April 4, 1924—S BROADWAY 117-6 W Leavenworth W 25x70. R Paratore to whom it may concern.....March 24, 1924
April 4, 1924—S LOMBARD 50 W Franklin W 50xS 75. Charles J U Koenig to whom it may concern.....April 3, 1924
April 4, 1924 — E THIRTY-THIRD Ave 250 S Balboa S 150 E 120 N 120 W 120. A V Anderson to whom it may concern .....April 3, 1924
April 4, 1924—COMG. 160 from NW 18t & Valencia W 45xN 100. John F Mullane to O K Holt..Mar. 28, 1924
Aprnl 4, 1924—LOTS 6 AND 7 BLK 6417 Crocker Amazon Tract Sub 2. Emma Moriano and Ulisse Mancini to whom it may concern..Apr. 1, 1924
April 4, 1924—LOT 46 and Ptn Lot 47 Blk "D" Mission Terrace.. Walter E Hansen to whom it may concern.....April 3, 1924
April 4, 1924—LOT 49 and Ptn Lot 48 Blk "D" Mission Ter. Walter E Hansen to whom it may concern .....April 3, 1924
April 4, 1924—LOT 50 BLK 18, Lakeview. Oscar W Lind to whom it may concern.....April 4, 1924
April 4, 1924—S SECOND AND MISSION SW 76-10 SE 40 SW 0-8 SE 60 NE 77-6 NW 100. Nathan Rosenthal to Chas Coburn...Mar. 31, 1924
April 5, 1924—N FULTON 52-6 E Fifteenth Ave E 25xN 100. Samuel Roskin to whom it may concern.....April 5, 1924
April 5, 1924—SE FILBERT AND Van Ness Ave S 137-6xE 284. Roman Catholic Archbishop of S F to Hampton Elec & Mfg Co. Apr. 5, 1924; Scott Co.....March 29, 1924
April 5, 1924—SE DIVISADERO & Clay — 106-3 S 127-8¼ W 25 N 25 W 81-3 N 102-8¼. Sixth Church of Christ Scientist to Wm P Goss and Hock & Hoffmeyer.....Mar. 27, 1924
April 5, 1924—SE BRUNSWICK 128 E Oliver. John Dahla to whom it may concern.....April 2, 1924
Apr 7, 1924—W TWENTY-SEVENTH Ave 250 S Lake S 25xW 120. F S Haupt to Klaus Adler..April 5, 1924
April 7, 1924—W WHEELER AVE 100 and 196 N Bay Shore Ave N 32 xW 100 Ptn Blk 11, Crocker Bay Shore Tract. Crocker Estate Co to whom it may concern..April 1, 1924
April 7, 1924—LOTS 29 AND 30 BLK 25, Crocker Amazon Tract. Crocker Estate Co to whom it may concern.....April 1, 1924
April 7, 1924—W SANSOME 46-10¾ m or l N Sutter N 91-6xW 122-9. The Anglo & London Paris Nat'l Bank of S. F. to W P Fuller & Co .....March 28, 1924
April 7. 1924—W FIFTH AVE 175 S Clement S 25xW 120. J M Boscus to S Lagomarsino.....April 5, 1924
April 7, 1924—W THIRTY-SIXTH Ave 200 N Balboa N 100xW 120. J W Edmonds to Meyer Bros.....April 3, 1924
April 8, 1924—NE OAK AND BUchanan 43 x 65. E K. Nelson to whom it may concern..Mar. 28, 1924
April 8, 1924—N BROADWAY 187-6 E Gough E 65 x N 137-6. Gustav and Lillian B. Hartman to Henry T. Grieb ..... April 2, 1924
April 8, 1924—E ALBION AVE. 80 S 16th S 30 x E 60. W. H. Young to Jos. Howard .....April 8, 1924.
April 8, 1924 — N BALBOA 77-6 E 16th Ave. E 25 x N 100. Ivar D. Sellman to John C. Thomas.....April 7, 1924
April 8, 1924—7139 GEARY STREET. Amedee P. Bondreau to Thos. W. Jones .....March 28, 1924
April 8, 1924 — W EDGAR PLACE 175 S Bruce Ave. S 25 x W 112-6 lot 11, blk. B, Lakeview. The McCarty Co. to James Arnott & Son .....April 7, 1924
April 9, 1924—SW FELTON 25 S Brussels Ptn Blk 18, University Md Survey. Louis Silverstein to J G Neish.....April 7, 1924
April 9, 1924—S BALBOA 82-6 W 23rd Ave W 28-5xS 96-7. Thomas F and Mary E Loftus to McCauley & Weber.....April 7, 1924
April 9, 1924—S TWENTY-FIRST AV 125 N Taraval N 25xE 120. Thas F and Mary E Loftus to McCauley & Weber.....April 7, 1924
April 9, 1924—SW YERBA BUENA Ave dist SE 50.86 from Int SW Yerba Buena Ave and W Santa Paula SE 70.02 S 40° 40' 50" W 100 NW 68.67 N 40° 54. 49" E 100, Westgate Park Co to Mangels Bros .....April 7, 1924
April 9, 1924—W SEVENTH AVE. 100 N Anza N 25 x W 120. C. O. Clausen to whom it may concern..Apr. 9, '24
April 9, 1924—W Moscow 37.114 S Amazon S 33 x W 100 Ptn Blk 19 Crocker Amazon Tract. Crocker Estate Co. to whom it may concern .....March 31, 1924
April 9, 1924—LOT 11 BLK 6452 Crocker Amazon Tract. Crocker Estate Co. to whom it may concern .....March 31, 1924
April 9, 1924—LOT 14 6739 ADDN to Mission & 30th Sts. Crocker Estate Co. to whom it may concern.....March 31, 1924
April 9, 1924—W WHEELER AVE. 164 N Bay Shore Ave. N Alg. W Wheeler 32 x W 100 Ptn Blk 11 Crocker Bay Shore. Crocker Estate Co. to whom it may concern.....March 31, 1924
April 9, 1924—LOT 15 BLK 6739 Addn to Mission & 30th Sts. Crocker Estate Co. to whom it may concern .....March 31, 1924
April 9, '24—E NINTH 275 N GEARY. The Roman Catholic Archbishop of S. F. to Mark E. Ryan..April 4, 1924
April 9, 1924—E NINTH AVE. 275 N Geary. The Roman Catholic Archbishop of S. F. to Francis O'Reilly .....April 4. 1924
April 9, 1924—N GEARY 87-6 E 9th Ave. The Roman Catholic Archbishop of S. F. to Andrew Lynch. .....April 4, 1924
April 9, 1924—E GOUGH 87-6 N Union N 25 x E 55. T. Passantino to Thos. Hamill.....April 8, 1924
April 9, 1924—NW JUDAH AND 43rd Ave. N 100 x W 120. St. Pauls Preshyterian Church to Thomas A. Cuthbertson.....March 25, 1924
April 9, 1924—W BDY WINDING Way 168.75 S from Int of S bdy line lots 15 blk 6417 Crocker Amazon Tr Ave 2 with W bdy line

Winding Way, Crocker Estate Co. to whom it may concern .Mar 31, '24
April 9, 1924—W CORDOVA 25 S Prague W 99.03 S 25.07 E 100.89 N 25 Ptn lots 11 & 12 Blk 6450. Crocker Amazon Tract Sub. No. 2 Crocker Estate Co. to whom it may concern .....April 1, 1924
April 9, 1924—COM. S BDY. MIRANda Grant & W Lyon W 92.07 N 277.87 E 57-9 279.84 to beg. Carle Matraia to Collonan Electric Mfg. Co. .....March 31, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
April 3, 1924—S SUNNYSIDE AVE 25 W Congo S 100 W 50 N 100 th to beg. M G Peek vs W T and Jane Doe Cutler $265
April 5, 1924—NW HAIGHT & ASHbury, 32-6x100. F C Callaghan vs Richard P and Mary E Doolan... .....$75.75
April 7, 1924—S HAIGHT 104-11 W Broderick S 120 W 105.0⅝ m or l NW 10 m or l E 32 m or l N to Haight E 75-1. Patrick Mulheen, $49.50; S Swanson, $63 vs Vladimar Imshenetsky and George Balliet...
April 9, 1924—S JACKSON 124-3 E Franklin E 56-3xS 127-8¼ W 56-3 N 124-3. Pacific Mfg Co vs Edgar H Brownstone and J R Kissel.$1150
April 9, 1924—N GEARY 112-6 E Hyde E 80 x N 137-6. Pioneer Plate & Window Glass Co. vs. J. Steur $562.57
April 9, 1924 — S STAPLES AVE. 375, 308-4, 275, 408-4, 441-8, and 341-8 S 112-6 x E 33-4. Dowd Seid Electric Co. vs. George B. Lewis and Sunset Building & Realty Co., (6 liens) .....$62.50 each.

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
April 4, 1924—W JONES 77-6 N Turk N 60xW 68-9. Wm P Goss and Pioneer Plate & Window Glass Co to H F Ramacciotti & John Morton
ARpril 7, 1924—SW EXCELSIOR AV SW 37-6xSE 100 Lot 2 Blk 36, Excl Hd, No. 339 Madrid St. Jos Byrnes to Chas Bell $222.50
April 7, 1924—SE FILLMORE AND Morelton E 137-6xS 34-6. W J Partridge, Fiorio & Figoni, Charles E Oakley, F Masarie, A Arthur Goepp, T Wetzel, Roy Wunderlick, H C Nichlassen, Jas Cantley, J K Stewart, D J & T Sullivan, Inc, J E Connell, Eva Mordecai, M B McGowan, Scott Co, Acme Lumber Co, Acme Floor Co, Beronio Lumber Co, Sibley Grading & Teaming Co, American Marble & Mosaic Co and
April 8, 1924—W GATES 200 S Powhattan S 25xW 50. H S Thomson to Frank Pishara and Julius Kosinski $450.91

ARCHITECT'S CERTIFICATE

SAN FRANCISCO COUNTY

April 7, 1924—Albert Herman Larsen has filed his certificate of architecture for San Francisco County.

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
1856	Muller	Goranson	10500
1857	Cormack	Owner	4000
1858	Little Sisters	Barett	15000
1859	Humphrey	Anderson	1000
1860	Greenwood	Hyde	35000
1861	Forkes	Owner	7000
1862	P. G. & E. Co.	Owner	1000
1863	Gordon	Owner	4500
1864	Oak. Bldg.	Schuler	20000
1865	Smith	Felton	2500
1866	Emerson	Easterly	3000
1867	Olson	Frederickson	3500
1868	Hendrickson	Owner	3000
1869	Kocker	Owner	3000
1870	Roberts	Owner	3000
1871	Kelly	Smith	5000
1872	Burgess	Smith	4000
1873	Moxam	Knight	15250
1874	Klingbeil	Prest	4500
1875	Sammis	Person	6000
1876	Kruggell	Beekley	3000
1877	Arolla	Valente	4200
1878	Porter	Owner	2000
1879	Butterfield	Mills	3000
1880	Allen	Chodrick	8000
1881	Diaro	Keltz	3000
1882	Lee	Graham	6000
1883	Woodburn	Owner	5000
1884	William	Owner	1800
1885	Dcelli	Corley	3000
1886	Bailey	Rose	6000
1887	Breunig	Owner	1000
1888	Anderson	Owner	3600
1889	Graves	Owner	1000
1890	Anderson	Owner	6000
1891	Allen	Owner	3000
1892	Bray	Lehman	1500
1893	Kuhlmeyer	Maurer	13468
1894	Whyte	Whyte	3000
1895	Smith	Sims	3500
1896	Stilwell	Owner	1000
1897	Carrico	Carrico	6000
1898	Leonard	Owner	15000
1899	Friedman	Atterberg	2500
1900	Donohue	Van Ness	3500
1901	Chery	Forsyth	5500
1902	Lyon	Owner	3800
1903	S P Co	Jones	6924
1904	Same	Same	2296
1905	Meyer	Lane	4835
1906	Le Feaver	Kurtz	8600
1907	Fentland	Porter	4800
1908	Baker	Baker	2500
1909	Cowlevaro	Owner	2500
1910	Bente	Owner	1500
1911	Sites	Sittig	7000
1912	Tape	Kneale	3000
1913	Derue	Atkinson	1000
1914	Kehler	Owner	2500
1915	Baird	Owner	4900
1916	Littlejohn	Warner	2700
1917	Jurgens	Liberty	1000
1918	McDaniel	Engs	3550
1919	Lazzarino	Casetto	4200
1920	Hausing	Owner	2500
1921	Bray	Coburn	1000
1922	Dowling	Jensen	6000
1923	Vrettas	Rawlings	1600
1924	Shockley	Owner	1740
1925	Barton	Bay	4000
1926	Adams	Nickerson	1800
1927	Merlins	Armelin	4100
1928	Worth	Grinned	3500
1929	Willson	Owner	2500
1930	Willson	Owner	7500
1931	Thompson	Owner	6000
1932	Arps	Owner	9000
1933	Matheson	McKay	5000
1934	Alberg	Owner	3500
1935	E. Bay Bldrs.	Owner	17500
1936	Drorn	Monroe	16000
1937	Masauley	Satten	2000
1938	Smith	Johnson	12000
1939	Ahlberg	Cox	8500
1940	Norgrove	Owner	4000
1941	Fletcher	Owner	4000
1942	Jurgens	Duval	32000
1943	Larkin	Calif. Bld.	13500
1944	Hufschmidt	Owner	4750
1945	Eliassen	Ala. Inv. Co.	8 250
1946	Valente	Owner	4000
1947	Riley	Lyon	3750
1948	Yum	Maganini	24440
1949	Bd. of Edu.	Ryan	4250
1950	Bd. of Edu.	Scott	6840
1951	Bd. of Edu.	Picard	13554
1952	Perrenot	Owner	1650
1953	Thiem	Gow	3000
1954	Allen	Pearson	2800
1955	Wingate	Owner	4950
1956	Williams	Wildy	1100
1957	Rolerson	Owner	4000
1958	Mastich	Walbold	4500
1959	Anderson	Owner	7500
1960	Wilbur	Knight	19000
1961	Bettencourt	Owner	2500
1962	Magnavox	Nelson	50000
1963	Scherman	Owner	32000
1964	Johnson	Owner	3250
1965	Ravizza	Lundgren	5925
1966	Towle	Deckie	2500
1967	Lisbon	Owner	3300
1968	Shearer	Owner	4000
1969	Dunn	Anderson	3000
1970	Smith	Knight	18500
1971	Woods	S. F. Bldrs.	15889

DWELLING
(1856) NW ATHOL & BROOKLYN, Oakland. 1-story 10-room dwelling.
Owner—John P. Muller, 415 Haddon Rd., Oakland.
Architect—None.
Contractor—H. Goranson, 3476 Laguna Ave., Oakland. $10,500

DWELLING
(1857) 836 BREED RD., Oakland. 1-story 6-room dwelling.
Owner—R. Cormack, 391 43rd St., Oakland.
Architect—None. $4000

STABLE, ETC.
(1858) S E-FOURTEENTH ST. 120 E 26th Ave., Oakland. 2-story brick stable and 1 brick shed.
Owner—Little Sisters of the Poor, Oakland.
Architect—L. J. Devlin. Pacific Bldg., San Francisco.
Contractor—Barrett & Hilp, 351 12th St., Oakland. $12,000, $3000.

ADDITION
(1859) 72 GLEN AVE., Oakland. 1-story 1-room and basement garage addition.
Owner—Jane Humphrey, premises.
Architect—None.
Contractor—W. E. Anderson, 14 Croxton Ave., Oakland. $1000

APARTMENTS
(1860) W GRAND AVE. nr Lakeshore Blvd., Oakland. 3-story 42-room apartments.
Owner—A. & J. Greenwald, 465 Elwood Ave., Oakland.
Architect—L. F. Hyde, 372 Hanover, Oakland. $35,000

STORES
(1861) 2584 GROVE, Oakland. 1-story brick stores.
Owner—H. Forkos. premises.
Architect—None. $7000

ADDITION
(1862) 50 MARKET ST., Oakland. 1-story steel addition.
Owner—P. G. & E. Co., 17th and Clay, Oakland.
Architect—None. $1000

DWELLING
(1863) W RANSOME 140 N Carrington Ave., Oakland. 1-story 6-room dwelling.
Owner—A. D. Gordon, 2157 Ransome Ave., Oakland.
Architect—None. $4500

GARAGE
(1864) S SIXTEENTH ST. 140 W Willow, Oakland. 1-story concrete and tile garage.
Owner—Oakland Bldg. & Mtg. Co., 306 12th St., Oakland.
Architect—J. C. Thayer, San Francisco
Contractor—Schuler & McDonald, 306 13th St., Oakland. $20,000

DWELLING
(1865) E SIXTIETH AVE. 400 S Trenor, Oakland. 1-story 4-room dwelling.
Owner—H. A. Smith.
Architect—None.
Contractor—E. Felton. 1309 Myrtle St., Oakland. $2500

DWELLING
(1866) 2207 SIXTY-FIFTH AVE, Oakland. 1-story 5-room dwelling.
Owner—F. B. Emerson.
Architect—None.
Contractor—J. I. Easterly, 2137 Tiffin, Oakland. $3000

DWELLING
(1867) 2607 SIXTY-FIFTH AVE, Oakland. 1-story 5-room dwelling.
Owner—Jos. O. Olson, 1920 48th Ave., Oakland.

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones —the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert C. Samuels Co. JEWELERS
33 Kearny 895 Market

Architect—None.
Contractor—Karl S. Frederickson, 16 Bonita Ave., Piedmont. $3500

DWELLING
(1868) S E-TWENTY-SECOND ST 302 E 17th Ave., Oakland. 1-story 5-room dwelling.
Owner—Mrs. A. Hendrickson. 2036 7th Ave., Oakland.
Architect—None. $3000

DWELLING
(1869) 1210 DELAWARE, Berkeley. 1-story 5-room dwelling.
Owner—W. H. & H. S. Kocher, 1252 Delaware, Berkeley.
Architect—None.
Contractor—W. H. Kocher, 1252 Delaware, Berkeley. $3000

DWELLING
(1870) 1019 PERALTA AVE., Berkeley. 1-story 5-room dwelling and garage.
Owner—J. W. Roberts, 830 36th St., Oakland.
Architect—None. $3000

DWELLING
(1871) 134 THE UPLANDS, Berkeley. 1-story 6-room dwelling.
Owner—W. H. Kelly, 2845 Prince St., Berkeley.
Architect—None.
Contractor—J. Harry Smith, 508 Lexington. Berkeley. $5000

DWELLING
(1872) 769 VINCENTE, Berkeley. 1-staory 5-room dwelling.
Owner—W. Burgess, Alcatraz.
Architect—None.
Contractor—J. Harry Smith, 508 Lexington, Berkeley. $4000

APT. BLDG.
(1873) W 50 LOT 4 BLK 23 LAKEside Tract Map of Lakeside Adams Point Prop., por of Plot 21 V & D Peralta Rancho, Oakland. All work for 3-story apt. bldg. (9 apts.)
Owner—John Moxam, Oakland.
Architect—None.
Contractor — Harry C. Knight, 1426 Franklin, Oakland.
Filed April 2, 1924. Dated Mar. 14, 1924.
Com. of roof $15,250
Inside plastering completed.. 8,250
Completed and accepted 13,500
Usual 35 days .....Balance
TOTAL COST—10% figured on con. net wholesale cost of all materials and workmanship used.
Bond. $40,000; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, 90 days after laying mud sills; Plans and specifications filed.

DWELING
(1874) 2320 CARLTON ST., Berkeley. 1-story 6-room dwelling and garage.
Owner—Fred Klingbeil, 2427 Shattuck Ave., Berkeley.
Architect—None.
Contractor—A. L. Prest, 1640 Euclid Ave., Oakland. $4500

DWELLING
(1875) 1429 SCENIC AVE., Berkeley. 1-story 5-room dwelling and garage.
Owner—Louis Sammis, 1514 Grove St., Berkeley.
Architect—None.
Contractor—Emil Person, 2224 Rose St. Berkeley. $6000

SHOP
(1876) 4173 BROADWAY, Oakland. 1-story frame furn. shop.
Owner—Max Krygell, 4165 Broadway, Oakland.
Architect—None.
Contractor—H. M. Beckley, 522 38th St., Oakland. $3000

DWELLING
(1877) 5431 CLAREMONT AVE., Oakland. 1-story 6-room dwelling.
Owner—Withheld.
Architect—None.
Contractor—M. E. Valente, 5215 Locksley Ave., Oakland. $4200

DWELLING
(1878) W EIGHTY-SECOND AVE. 220 N E-14th St., Oakland. 1-story 5-room dwelling.
Owner—Alex W. Porter, 2234 San Antonio Ave., Alameda.
Archhitect—None. $2000

DWELLING
(1879) W FIFTY-SECOND AVE. 450 N E-14th St., Oakland. 1-story 6-room dwelling.
Owner—H. Butterfield, 1549 52nd Ave., Oakland.
Architect—None.
Contractor—Geo. Mills, 1843 103rd Ave. Oakland. $3000

FLATS
(1880) 1515 FIFTY-SECOND AVE., Oakland. 2-story 11-room flats.
Owner—W. C. Allen, 5125 Bond St., Oakland.
Architect—None.
Contractor—G. W. Chodrick, 5424 E-14th St., Oakland. $8000

DWELLING
(1881) S FORTY-SECOND ST. 215 E Linden, Oakland. 1-story 4-room dwelling.
Owner—A. Diaro. 4404 Adeline St., Oakland.
Architect—None.
Contractor—J. T. Kelty, 974 63rd St., Oakland. $3000

DWELLING
(1882) 2601 HAVENSCOURT BLVD., Oakland. 1-story 8-room dwelling.
Owner—Walter Lee, 4115 Foothill Blvd Oakland.
Architect—None.
Contractor—C. H. Graham, 4201 E-16th St., Oakland. $6000

DWELLING
(1883) 650 MANDANA BLVD., Oakland. 1-story 6-room dwelling.
Owner—P. E. Woodburn, 624 Prospect Ave., Oakland.
Architect—None. $5000

DWELLING
(1884) E NINETY-EIGHTH AVE. 35 S Talbot, Oakland. 1-story 3-room dwelling.
Owner — W. R. Millan, 450 38th St., Oakland.
Architect—None. $1800

DWELLING
(1885) N OCEAN AVE 90 E Vallejo, Oakland. 1-story 5-room dwelling.
Owner—B. G. Dcelli, 1188 Ocean Ave., Oakland.
Architect—None.
Contractor—M. J. Carley, 4505 Grove St., Oakland. $3000

DWELLING
(1886) S PROSPECT AVE 580 E Athol Oakland. 1-story 6-room dwelling.
Owner—S. C. Bailey, 1803 Carlton St., Berkeley.
Architect—None.
Contractor—Chas. Rose, 3203 Market St., Oakland. $6000

DWELLING
(1887) W RHODA AVE. 180 N Madeline, Oakland. 1-story 4-room dwlg.
Owner—H. Breunig, 3012 Logan St., Oakland.
Archhitect—None. $1000

DWELLING
(1888) W SIXTY-SECOND AVE. 80 N Fortune, Oakland. 1-story 5-room dwelling.
Owner—C. J. Anderson, 1304 Filbert St. Oakland.
Architect—None. $3600

ADDITION
(1889) 2113 SIXTY-SECOND AVE., Oakland. Addition.
Owner—Rebecca Graves, premises.
Architect—None. $1000

DWELLINGS
(1890) E SIXTY-THIRD AVE. 250 S Avenal;
W SIXTY-THIRD AVE. 250 S Avenal Ave., Oakland. Two 1-story 5-room dwelling.
Owner—A. T. Andersen, 2248 62nd Ave., Oakland.
Architect—None. $3000 each

DWELLING
(1891) E SIXTY-FIFTH AVE. 275 N Avenal, Oakland. 1-story 5-room dwelling.
Owner—A. Allen, 823 Franklin. Oakland.
Architect—None. $3000

ADDITION
(1892) 2135 TWENTY-FIRST AVE., Oakland. Addition.
Owner—H. N. Bray.
Architect—None.
Contractor—J. Lehman, 959 Apgar St., Oakland. $1500

DWELLING
(1893) LOT 18 BLK 8 LAKESHORE Manor, Oakland. 2-story and basement frame dwelling and garage.
Owner—H. J. & Augusta Kuhlmeyer, 663 61st St., Oakland.
Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—The Geo. J. Maurer Co. 177 Ridgeway Ave., Oakland.
Filed Apr. 4, 1924. Dated Mar. 24, 1924.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $13,468
Bond, none; Forfeit. $3 day; Limit, 110 working days; Plans and specifications filed.

DWELLING
(1894) N ARIZONA 400 E Maple Ave., Oakland. One-story 5-room dwlg.
Owner—Mrs. Betsy Wythe, 1962 Harrington Ave., Oakland.
Architect—None.
Contractor—Jas. Y. Whyte. $3000

DWELLING
(1895) E BROADWAY 200 N Moss Ave., Oakland. One and one-half-story 5-room dwelling.
Owner—Clarence G. Smith, 276 40th St., Oakland.
Architect—None.
Contractor—E. Sims, 272½ 40th St., Oakland. $3500

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY
(THE SAN FRANCISCO BANK)
SAVINGS COMMERCIAL
INCORPORATED FEBRUARY 10th, 1868.
One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.
Member Associated Savings Banks of San Francisco
526 California Street, San Francisco, Cal.
DECEMBER 31st, 1923
Assets..... $89,174,468.57
Capital, Reserve and Contingent Funds..... 3,850,000.00
Employees' Pension Fund..... 430,275.37
MISSION BRANCH.....Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....Haight and Belvedere Streets
WEST PORTAL BRANCH.....West Portal Ave. and Ulloa St.
Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

ADDITION
(1896) NO. 6336 BROADWAY TERrace, Oakland. Two-story addition
Owner—C. W. Stilwell.
Architect—None. $1000

DWELLINGS
(1897) E EIGHTY-FOURTH AVE 40 N Holly St., Oakland.
NE EIGHTY-FOURTH AVE AND Holly St., Oakland. Two one-story 5-room dwelling.
Owner—T. S. Carrico, 1460 78th Ave., Oakland.
Architect—None.
Contractor — A. B. Carrico, 1469 78th Ave., Oakland. $3000 each

APARTMENTS
(1898) W ERIE 50 S Prince St., Oakland. Two-story 16-room apartments and two garages.
Owner—E. B. Leonard, 539 Kenmore Ave., Oakland.
Architect—None. $15,000

DWELLING
(1899) NO. 4056 LYON AVE., Oakland One-story 3-room dwelling.
Owner — Chas. Friedman, 4050 Lyon Ave., Oakland.
Architect—None.
Contractor—A. R. Attebery, 2036 42nd St., Oakland. $2500

DWELLING
(1900) NO. 3854 PERALTA AV., Oakland. One-story 5-room dwelg.
Owner—Mrs. B. C. Donohue, 3860 Peralta Ave., Oakland.
Architect—None.
Contractor—Lester Van Ness, 3551 Wilson Ave., Oakland. $3500

DWELLING
(1901) N THIRTY-SECOND ST. 90 E West St., Oakland. One-story 6-room dwelling.
Owner—Max Chery, 844 29th St., Oakland.
Architect—None.
Contractor—Chas. Forsyth, 3525 Foothill Blvd., Oakland. $5500

DWELLING
(1902) N OUTLOOK AVE 150 E 64th Ave., Place, Oakland. One-story 6-room dwelling.
Owner — Chas. D. Lyon, 22 Murdoch Court, Oakland.
Architect—None. $3800

VAULT
(1903) OAKLAND PIER, Oakland. All work for reinforced concrete vault
Owner—Southern Pacific Co., 13th and Broadway, Oakland.
Architect—None.
Contractor—W. P. Jones, 2218 Los Angeles St., Berkeley.
Filed Apr. 5, '24. Dated Mar. 17, '24.
End of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $6924
Bond, $6924. Surety, Union Indemnity Co. Limit, 90 days after commencement of work. Forfent, none. Plans and specifications filed.

VAULT
(1904) SOUTHERN PACIFIC COMpany's Marine Ways, Oakland All work for reinforced concrete vault
Owner—Southern Pacific Co., 13th and Broadway, Oakland.
Architect—None.
Contractor—W. P. Jones, 2218 Los Angeles St., Berkeley.
Filed Apr. 5, '24. Dated Mar. 17, '24.
End of each month..... 75%
Usual 35 days..... 25%
TOTAL COT, $2296
Bond, $2296. Surety, Union Indemnity Co. Limit, 90 days after beginning work. Forfeit, none. Plans and specifications filed.

DWELLING
(1905) LOT 17 BLK 14 Map McGee Tract, Ptn Plot 6, Kellerberger's Survey, Berkeley. All work for one-story six-room frame and stucco dwelling with garage and laundry in basement.
Owner—Wm. J. and Mrs. Mary Meyer, 2314 Grant St., Berkeley.
Architect—None.
Contractor—R. Beadell & Geo. J. Lane, 909 Spruce St., Berkeley
Filed Apr. 4, '24. Dated Apr. 3, '24.
Frame up ..... ¼
Brown coated ..... ¼
Accepted ..... ¼
Usual 35 days..... ¼
TOTAL COST, $4835
Bond, none. Limit, 90 days after Apr. 7, 1924. Forfeit, none. . Plans and specifications, none.

DWELLING
(1906) NO. 139 ALVARADO ROAD, Berkeley. Two-story 7-room dwlg
Owner—J. H. Le Feaver, 2817 Stuart St., Berkeley.
Architect—None.
Contractor—F. A. Kurtz, 364 41st St., Oakland. $8600

DWELLING
(1907) NO. 2549 BUENA VISTA, Berkeley. One-story 5-room dwlg.
Owner—Anna Pentland, San Francisco
Architect—C. C. Dakin.
Contractor—H. H. Porter, 833 Oxford St., Berkeley. $4800

DWELLING
(1908) 1415 CALIFORNIA ST., Berkeley. One-story 5-room dwelling
Owner—R. M. Baker, 3401 Richmond Blvd., Oakland.
Architect—None.
Contractor—R. R. Baker, 3401 Richmond Blvd., Oakland. $2500

DWELLING
(1909) NO. 1354 NEILSON ST., Berkeley. One-story 5-room dwlg.
Owner — Guiseppe Cowlevaro, 1358 Neilson St., Berkeley.
Architect—None. $2500

DWELLING
(1910) NO. 2905½ OTIS ST., Berkeley. One-story 3-room dwelling and garage.
Owner—Harriet M. Beute, 2905 Otis St., Berkeley.
Architect—None. $1500

DWELLINGS
(1911) NO. 1129 AND 1133 OXFORD St., Berkeley. Two one-story five-room dwellings.
Owner—Florence F. Sites, San Anselmo
Architect—None.
Contractor—E. J. Sittig, 1216 Oxford St., Berkeley. $3500 each

DWELLING
(1912) NO. 2121 RUSSELL ST., Berkeley. One-story 6-room dwlg.
Owner—J. C. Tape, 2119 Russell St., Berkeley.
Architect—None.
Contractor—J. S. Kneale, 1902 Fruitvale Ave., Oakland. $3000

ALTERATIONS
(1913) NO. 825 THE ALAMEDA, Berkeley. Alterations and additions.
Owner—Mrs. Harvey Derne, Prem.
Architect—None.
Contractor—E. G. Atkinson, 2735 Grove St., Berkeley. $1000

DWELLING
(1914) S ALCATRAZ 220 E Shattuck, Oakland. One-story 4-room dwlg.
Owner—C. Kehler, 3007 Shattuck Ave., Berkeley.
Architect—None. $2500

DWELLING
(1915) N BAYO VISTA 220 W Walsworth, Oakland. 2-story 6-room dwelling.
Owner—L. M. Baird, 1031 Bay View Ave., Oakland.
Architect—None. $4900

DWELLING
(1916) E FIFTH AVE. 60 S E-20TH St., Oakland. 1-story 3-room dwlg.
Owner—Mrs. P. Littlejohn, 501 E 20th St., Oakland.
Architect—None.
Contractor—S. A. Warner, 850 Cleveland Ave., Oakland. $2700

FIRE ESCAPE
(1917) NW FIFTEENTH AND CLAY, Oakland. Fire escape.
Owner—C. Jurgens, —.
Architect—None.
Contractor—Liberty Iron Works, 2455 Valdez St., Oakland. $1000

DWELLING
(1918) N FOOTHILL BLVD. 286 W Parker Ave., Oakland. One-story 5-room dwlg.
Owner—Dr. A. C. McDaniel, Henshaw Bldg., Oakland.
Architect—None.
Contractor—Geo. Engs, 690 Santa Ray Ave., Oakland. $3550

DWELLING
(1919) N FORTY-FOURTH ST. 240 W Market, Oakland. 1-story 5-room dwelling.
Owner—S. Lazzarino, Berkeley.
Architect—None.
Contractor—C. Casetto, 2221 8th St., Berkeley. $4200

DWELLING
(1920) E FORTY-SEVENTH AVE. 193 S E-14th St., Oakland. 1-story 4-room dwelling.
Owner—J. J. Hausing, 1244 47th Ave., Oakland.
Architect—None. $2500

REPAIRS
(1921) 2244 E-FOURTEENTH ST., Oakland. Repairs.
Owner—Anthony Bray, prem.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. $1000

DWELLING
(1922) 1229 HOLMAN RD., Oakland. 1-story 6-room dwlg.
Owner—J. Dowling, 749 Lincoln Ave., Alameda.
Architect—None.
Contractor—Jensen & Pedersen, 3443 Adeline, Oakland. $6000

ADDITION
(1923) 202 MATHER, Oakland. Addition.
Owner—Mrs. Pauline Vrettos, prem.
Architect—None.
Contractor—J. Rawlings, 3406 Boston Ave., Oakland. $1600

DWELLING
(1924) W SEMINARY 250 S TEVIS, Oakland. 1-story 4-room dwlg.
Owner—Kittie Shockley, 3142 Elm St., Oakland.
Architect—None.
Contractor—S. C. Shockley. $1740

GARAGE
(1925) W SIXTH AVE. 150 S E-12TH St., Oakland. 1-story concrete garage.
Owner—A. J. Barton, ——.
Architect—None.
Contractor—Bay Const. Co. $4000

DWELLING
(1926) 933 THIRTY-EIGHTH ST., Oakland. 1-story 4-room dwlg.
Owner—V. M. Adams, 1083 55th St., Oakland.
Architect—None.
Contractor—G. E. Nickerson, 1316 97th Ave., Oakland. $1800

DWELLING
(1927) S THIRTY-EIGHTH ST. 75 W Grove, Oakland. 1-story 4-room dwelling.
Owner—G. Merlins, 4th and Adeline, Oakland.
Architect—None.
Contractor—John Armelis, 4510 Market, Oakland. $4100

DWELLING
(1928) S E-THIRTY-NINTH ST. 200 W Lincoln Oakland. 1-story 5-room dwelling.
Owner — Miss Estelle Worth, 3631 Fruitvale Ave., Oakland.
Architect—None.
Contractor—C. F. Gruned, 426 Laurel Ave., Oakland. $3500

DWELLING
(1929) NW E-TWENTIETH ST. AND 11th Ave., Oakland. 1-story 4-room dwelling.
Owner—S. G. Willson, 238 E 16th St., Oakland.
Architect—None. $2500

DWELLINGS
(1930) N E-TWENTIETH ST. 35, 74, 112 W 11th Ave., Oakland. Three 1-story 4-room dwellings.
Owner—S. G. Willson, 238 E 16th St., Oakland.
Architect—None. $2500 each.

DWELLINGS
(1931) E TWENTY-SECOND AVE. 280 and 318 N E-30th St., Oakland. Two 1-story 5-room dwellings.
Owner—E. L. Thompson, 545 17th St., Oakland.
Architect—None. $3000 each.

APARTMENTS
(1932) NW TWENTY-SECOND AND Myrtle, Oakland. 2-story 12 rooms apartments.

Owner—W. H. Arps, 2153 Linden St., Oakland.
Architect—None. $9000

DWELLING
(1933) 2700 E TWENTY-THIRD ST., Oakland. 1-story 6-room dwlg.
Owner—Wm. D. Matheson, 261 Lester Ave., Oakland.
Architect—None.
Contractor—D. A. McKay, 2932 San Juan, Oakland. $5000

DWELLING
(1934) S WELLINGTON AVE. 1270 E Park Blvd., Oakland. 1-story 6-room dwlg.
Owner—Axel Alberg, 1003 61st St. Oakland.
Architect—None. $3500

DWELLINGS
(1935) 2506-12-18-24-30 WILBUR ST., Oakland. Five 1-story 6-room dwellings.
Owner—East Bay Bldrs., 1117 Webster St., Oakland.
Architect—None. $3500 each.

(1936) 2405-7-9-11 ASHBY AVE., Berkeley. Two 2-story 12-room flats.
Owner—S. Drorn, 862 Grand Ave., Berkeley.
Architect—None.
Contractor—J. W. Monroe, 5538 Claremont Ave., Berkeley. $8000 each

FOUNDRY
(1937) 811 CARLTON (rear, Berkeley. 1-story foundry.
Owner—Macauley Foundry Co.
Architect—None.
Contractor—F. J. F. Satten, 2925 Hillegass, Berkeley. $2000

FLATS ETC
(1938) 2261-3-5-7 CEDAR ST., Berkeley. 2-story 16-room flats and garages.
Owner—W. Gus Smith, Oakland.
Architect—None.
Contractor — H. Elmer Johnson, San Leandro. $12,000

DWELLING
(1939) 1049 EUCLID AVE., Berkeley. 2-story 8-room dwelling.
Owner—A. H. Ahlberg.
Architect—None.
Contractor—Cox Bros., 2121 Shattuck Ave., Berkeley. $8500

DWELLING
(1940) 2200 SACRAMENTO ST., Berkeley. 1-story 5-room dwelling and garage.
Owner—C. M. Norgrove, 2220 Roosevelt St., Berkeley.
Architect—None. $4000

DWELLING
(1941) N BAY VIEW AVE. 168 W Elliott, Oakland. 1-story 5-room dweling.
Owner—Walter E. Fletcher, 309 13th St., Oakland.
Architect—None. $4000

ALTERATIONS
(1942) NW FIFTEENTH AND CLAY, Oakland. Alterations.
Owner—C. Jurgens, Hotel Oakland, Oakland.
Architect—None.
Contractor—Oliver Duval & Son, 216 Dalziel Bldg., Oakland. $32,000

APARTMENTS
(1943) S E-FIFTEENTH ST. 100 E 3rd Ave., Oakland. 2-story 16 rooms apartments and 1-story garage.
Owner—Walter Larkin, 1534 Franklin St., Oakland.
Architect—None.
Contractor—Calif. Bldrs. Co.,* 1534 Franklin St., Oakland. $13,500

DWELLING
(1944) 100 FAIRMONT AVE., Oakland. 1-story 5-room dwlg.
Owner — Hufschmidt & Whalen, 1407 Federal Bldg., Oakland.
Architect—None. $4750

DWELLINGS
(1945) E GASKILL ST., 34, 76, S Aileen;
SE GASKILL AND AILEEN STS., Oakland. Three 1-story 5-room dwlgs.
Owner—E. R. Eliassen, 705 Syndicate Bldg., Oakland.
Architect—None.
Contractor — Alameda Inv. Co., 705 Syndicate Bldg., Oakland. $2750 each.

DWELLING
(1946) 5239 LOCKSLEY AVE., Oakland. 1-story 6-room dwlg.
Owner—M. E. Valente, 5215 Locksley Ave., Oakland.
Architect—None. $4000

DWELLING
(1947) E NINTH AVE. 470 S E-28TH St., Oakland. 1-story 5-room dwlg.
Owner—Pearl and Fred Riley, ——.
Architect—None.
Contractor—O. F. Lyon, 520 San Fernando, Berkeley. $3750

STORES, APTS.
(1948) LOT 13, BLK. 78, Kellerberger's Map of the City of Oakland. Three story building, stores and apartments.
Owner—Lok Yum, Oakland.
Architect—None.
Contractor—J. F. Maganini, 603 36th St Oakland.
Filed Apr. 8, 1924. Dated Feb. 25, 1924.
1st story erected .....$3666.
2nd story erected ..... 3666.
3rd story erected ..... 3666.
Plastering done ..... 3666.
Completed 3666
Usual 35 days ..... 6110.
TOTAL COST, $24,440.
Bond, Sureties, none. Forfeit, $10 per day. Limit 120 working days after March 1, 1924. Plans and Specifications filed.

ELECTRICAL WORK
(1949) JUNIOR HIGH SCHOOL BLDG. Piedmont. Electrical work complete.
Owner—Board of Education, City of Piedmont, Piedmont.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—M. E. Ryan, Redwood City, Calif.
Filed Apr. 8, 1924. Dated Apr. 2, 1924.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $4250.
Bond, $2125 and $4250. Sureties, Hartford Accident & Indemnity Co. Forfeit, none. Limit, 140 working days. Plans and Specifications filed.

PLUMBING WORK
(1950) JUNIOR HIGH SCHOOL BLDG. Piedmont. Plumbing work complete.
Owner—Board of Education, City of Piedmont, Piedmont.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Scott Company, 381 11th St., Oakland.
Filed Apr. 8, 1924. Dated Apr. 2, 1924.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $6840.
Bond, $3420. Sureties, New Amsterdam Casualty Co. Forfeit, $10 per day. Limit 140 working days. Plans and Specifications filed.

HEATING SYSTEM
(1951) PIEDMONT JUNIOR HIGH School Bldg., Piedmont. Heating system complete.
Owner—Board of Education, City of Piedmont, Piedmont.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—W. H. Picard, 6556 College Ave., Oakland.
Filed Apr. 8, 1924. Dated Apr. 2, 1924.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $13,554.
Bond, $6777, and $6777. Sureties, National Surety Co. Forfeit, $10. per day. Limit, 140 working days. Plans and Specifications filed.

DWELLING
(1952) 1245 EVELYN, Berkeley. 1-story 4-room dwelling.
Owner—D. Perrenot, 1453 Cornell Ave. Berkeley.
Architect—None. $1650

DWELLING
(1953) 2544 GRANT, Berkeley. 1-story 5-room dwelling.
Owner—Lucille Thiem, 2337 Ward St., Berkeley.
Architect—None.
Contractor — Andrew B. Gow. 5668 Ayala St., Berkeley. $3000

DWELLING
(1954) 1420 HEARST AVE., Berkeley. 1-story 4-room dwelling.
Owner—Mrs. Elizabeth Allen.
Architect—None.
Contractor—Ben Pearson, 2403 Grant St., Berkeley. $2800

DWELLING
(1955) 1025 MARIPOSA, Berkeley. 1½ story 6-room dwelling.
Owner—Donald P. Wingate, 2019 Haste St., Berkeley.
Architect—None. $4950

ALTER & ADD
(1956) 1654 RUSSELL, Berkeley. Alteration and addition.
Owner—Cal. Williams, premises.
Architect—None.
Contractor—G. J. Wildy, 2510 Linden St., Oakland. $1100

DWELLING
(1957) 542 THE ALAMEDA, Berkeley. 1-story 5-room dwelling.
Owner—L. E. Rolerson, 1068 47th St., Berkeley.
Architect—None. $4000

DWELLING
(1958) 989 TULARE. Berkeley. 2-story 6-room dwelling.
Owner—Spencer Mastich, Napa, Cal.
Architect—None.
Contractor — J. Henry Walbold, 2115 Center St., Berkeley. $4500

DWELLING
(1959) S ADAMS 250 W Perkins, Oakland. 2-story 8-room dwelling.
Owner—Farald Anderson, 320 Anderson, 320 Adams St., Oakland.
Architect—W. W. Adams.
$7500

APARTMENTS
(1960) S BROADWAY TERRACE 120 E Broadway, Oakland. 2-story 16-room apts. and 1-story garage.
Owner—J. H. Wilbur, 1426 Franklin, Oakland.
Architect—None.
Contractor — Harry C. Knight, 1426 Franklin, Oakland. $19,000

DWELLING
(1961) W EIGHTY-THIRD AVE. 100 S Olive, Oakland. 1-story 4-room dwelling.
Owner—G. Bettencourt, 2324 96th Ave., Oakland.
Architect—None. $2500

ADDITION
(1962) 2527 E-FOURTEENTH ST., Oakland. 1-story brick con. add.
Owner—The Magnavox Co., premises.
Architect—E. T. S. Cahill, 357 12th St., Oakland.
Contractor — F. E. Nelson, Bldrs. Exchange, Oakland. $50,000

WAREHOUSE
(1963) NE EIGHTEENTH & PERALta, Oakland. 1-story brick warehouse.
Owner — J. Scherman, 412 Water St., Oakland.
Architect—None. $32,000

DWELLING
(1964) S E-THIRTIETH ST. 100 W 21st Ave., Oakland. 1-story 5-room dwelling.
Owner—Jas. A. Johnson, 2939 21st Ave., Oakland.
Architect—None. $3250

DWELLINGS
(1965) S FORTY-SIXTH ST. 200 E Grove and rear, Oakland. Two 1-story 4 and 3-room dwellings.
Owner — Geo. Ravizza, 617 46th St., Oakland.
Architect—None.
Contractor—H. Lundgren, 1110 Parker St., Berkeley. $3550, $2375

STORES
(1966) 3017-19 SAN PABLO AVE., Oakland. 1-story brick stores.
Owner—John F. Towle, 864 Dutton Ave San Leandro.
Architect—None.
Contractor—W. B. Dickie, 917 62nd St., Oakland. $2500

DWELLING
(1967) E SIXTY-EIGHTH AVE. 70 N Avenal, Oakland. 1-story 5-room dwelling.
Owner—J. E. Lisbon, 616 25th St., Oakland.
Architect—None. $3300

DWELLING
(1968) S ROSAL 300 W Lerida, Oakland. 1-story 5-room dwelling.
Owner — Edw. Shearer, 492 30th St., Oakland.
Architect—None. $4000

DWELLING
(1969) E SIXTY-FOURTH AVE. opp. Bromley, Oakland. 1-story 4-room dwelling.
Owner—Geo. Dunn.
Architect—None.
Contractor—Anderson & Harwood, 2452 35th Ave., Oakland. $3000

APARTMENTS
(1970) W WARFIELD AVE 300 N Mandana Blvd., Oakland. 2-story 16-room apartments and garage.
Owner—F. A. Smith, 1426 Franklin, Oakland.
Architect—None.
Contractor — Harry C. Knight, 1426 Franklin, Oakland. $18,500

DWELLING
(1971) LOT 38 AND ALL OF LOT 37 lying E from line parallel with E line of Lot 37, 15 ft. W therefrom, Crocker Highlands, Oakland Tp., Oakland. Two-story frame dwelling & garage complete with electric fixtures, wall paper, shades, etc.
Owner—Georgiana & Jesse H. Woods, Henshaw Bldg., Oakland.
Architects—Chas. S. McKenzie, Bank of Italy Bldg., San Jose.
Contractor—S. F. Bldrs., Inc., 2007 San Pablo Ave., Berkeley.
Filed April 9, 1924. Dated April 9, 1924.
Excavation and foundation completed $3000.00
Frame up and roof com..... 3222.25
Heating, elec. and plastering completed 3222.25
Completed and accepted..... 3222.25
Usual 35 days 3225.25
TOTAL COST, $15 889
Bond, $15,889; Sureties, U. S. Fidelity & Guaranty Co.; Forfeit, $25 day; Limit, 100 working days after laying mud sills; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Amount
April 4, 1924—LOTS 5 AND 6 BLK 1, Solano Ave Terrace, Berkeley. Albert Hammerberg to whom it may concern.....April 4, 1924
April 4, 1924—NO. 2532 SIXTY-third Ave., Oakland. D W Parks to whom it may concern.Apr. 4, 1924
Apr 4, 1924—MASONIC HOME, Town of Decoto. Masonic Homes of California to H N Larsen..Mar. 31, 1924
April 4, 1924—LOT 138 Fremont Tct Oakland. Thos Bostock and J E Ellery to whom it may concern... .....March 3, 1924
April 4, 1924—LOTS 1 AND 2 and Ptn Lot 3 Blk 9, Daley's Scenic Park Berkeley. Alpha Delta Phi Bldg Co to John Bartlett.....April 1, 1924
April 4, 1924—BLK "D" Oakland View Homestead bet. Lot 71 and 65, Vernon St., Oakland. Carrie B Oliver to Haskell & McPhee..... .....April 1, 1924
April 4, 1924—LOT 8 BLK "E" Lakeshore Hills, Oakland. H P Fisher to whom it may concern..Mar. 28, '24
April 4, 1924—NO. 5925 AND 5929 Mesaba Ave., Oakland. D W Van Horn to whom it may concern.... .....April 2, 1924
April 3, 1924—NO. 2218-2218½, 2220 Telegraph Ave., Berkeley. Wm G Gilmour to Geo Wagner.Apr. 3, 1924
April 3, 1924—NO. 6425 DANA ST., Alameda. Angeline Zapf to Dilaine & Knight.....April 1, 1924
April 3, 1924—LOT 9 BLK 24, Map Melrose Heights, Oakland. Manuel F and Mary F Souza to H Elmer Johnson.....April 1, 1924
April 3, 1924—LOT 9 BLK "B" Fountain Place, Oakland. J F and Marjorie E Hassler to whom it may concern.....Mar. 31, 1924
April 3, 1924—LOT 16 BLK 8/897 Lakeshore Highlands, Oakland. Oscar E Nelson to whom it may concern.....April 3, 1924
April 3, 1924—NO. 639 THE ALAMEDA, Berkeley. John Wm Gregg to J F Altermatt .....April 2, 1924
April 3, 1924—N DUTTON AVE 67.22 E Warwick Ave E along Dutton Ave 51.80x100, San Leandro. Geo B Bellamy to whom it may concern.....April 2, 1924
April 3, 1924—NE E-FOURTEENTH St. and Joaquin Ave., San Leandro Associated Oil Co to M A Lopes... .....March 29, 1924
April 3, 1924—NO. 820 FORTIETH St., Oakland. Otto Rinkert to whom it may concern...Apr. 3, 1924
April 3, 1924—NO. 6100 MAURITANIA Ave, Oakland. N A Blodgett to whom it may concern..Mar. 25, 1924
April 3, 1924—NO. 525 FORTIETH St., Oakland. Diana Nicovich to Thos Rutherford.....Mar. 23, 1924
April 2, 1924 — NW BLAKE AND Mathews Sts., Berkeley. J. A. Johnson to whom it may concern ..... April 1, 1924.
April 2, 1924—LOT 110 AND ½ OF LOT 111, blk. 31, Havenscourt, Oakland. Mary Moore to whom it may concern .....April 1, 1924.
April 2, 1924—LOT 9, RE-SUB. OF por. Highland Court Piedmont, Piedmont. Frank J. Glunk to whom it may concern..April 1, 1924.
April 5, 1924—NO. 1124-1128 COURT St. and 3007 Adams St Alameda. Callie Buck to Howard Williford.. .....April 4, 1924
April 5, 1924—LOT 23 BLK ELMS, Oakland. Edna H Shumate to C E Consor.....April 4, 1924
April 5, 1924—NO. 1411 E-THIRTY-second St., Oakland. E Ellison to whom it may concern..April 4, 1924
April 5, 1924—NO. 1930-1932 FRANCISCO St., Berkeley. N T Heaton to whom it may concern...April 5, 1924
April 5, 1924—NO. 5528-5530 FREMONT St., Oakland. Stephen and Caterino Raffo to John Passarino. .....April 1, 1924
April 5, 1924—LOT 3 BLK 23, Map of Melrose Heights, Brooklyn Tp., Oakland. Joe Donlan to California Builders Co.....April 3, 1924
Apr 5, 1924—NO. 517 FOURTEENTH St., Oakland. Mosbacher's Cloak & Suit House to Murch-Williams Construction Co.....Mar. 31, 1924
Apr. 5, 1924—NO. 736 FOURTEENTH St., Oakland. Jewish Relief Federation of Alameda Co to Morrow & Garren .....
April 5, 1924—NW FIFTY-FIFTH Ave 36 from Trumbull Ave., Oakaind. Clarence A Shipman to whom it may concern...Apr. 3, 1924
April 5, 1924—NO. 1128 BELLA Vista Ave., Oakland. Herman Carlson to whom it may concern.. .....April 3, 1924
April 4, 1924—(1) CROSSINGS near Melrose at 46th, 47th and 48th Aves (2) 20th and Franklin Sts., Oakland. S. P. Co to Hutchinson Co... .....March 29, 1924
April 7, 1924—LOT 11 BLK 7, Berkeley Heights, Berkeley. Hans A Hansson to whom it may concern .....Aphil 2, 1924
April 7, 1924—NE BROADWAY AND Twelfth, Oakland. The Oakland Bank to California Artistic Metal & Wire Co.....April 1, 1924
April 7, 1924—NO. 933 ALMA AVE., Oakland. Leah G and Gilbert F Zolling to Guy L Brown..... .....April 5, 1924
April 7, 1924—NO. 1662-1666 SHATtuck Ave, Berkeley. G F and H S Neighbor to Brooks Parker..... .....April 3, 1924
April 7, 1924—NO. 2012 E-TWENTY-ninth St. (rear), Oakland. Luella R and J C Trimble to Geo Van Vlack .....April 4, 1924
April 8, 1924—NW McGEE AVE AND Rose, Berkeley. H Dubnoff to whom it may concern....Apr. 7, 1924
April 8, 1924—W SIDE GREENBANK Ave., Piedmont District, bet. Grand and Lake Aves. E. G. Timoney to whom it may concern..April 8, 1924.
April 8, 1924—LOT 86 BLK. 1, Lakeshore Highlands, Oakland. Victor Guyot to whom it may concern.. ..... April 8, 1924.
April 8, 1924—2923 ASHBY AVE., Berkeley. Stella B. Stearns to whom it may concern.March 15, 1924

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
April 4, 1924—PTN LOTS 14 AND 15 Map Templeton Tract, Oakland. H M Frandsen vs Wanda Anlanos... .....$1176.30
April 4, 1924—NO. 3212-3216 SAN Pablo Ave., Oakland. Edw T Barker vs Richard A Kronke....$329.94
April 4, 1924—LOT 11 and S 10 Lot 10 Blk "C" and Ptn Lot 12 Blk "G" Map of Shdvn of Blks E, F and G, Mary Mortimer Addition to Niles. Niles Hardware & Plumbing Co vs M S and Chas E Peterson $73.20
April 4, 1924—UN-UNMBERED PTN Map of Lunin Tract No. 2, Oakland. H V Arends vs Leo V and Clarence K Nichols $113.53
April 4, 1924—NO. 824 E-TWENTY-Fourth St., Oakland. H V Arends vs Leo V & Clarence K Nichols.$123
April 4, 1924—LOTS 4 AND 5 Map of East San Leandro. Jos Costello vs Minnie Rogers, Stine and V Lahos, Jas Llais, Geo Pavlos and Louis Bergalis $176.50
April 3, 1924—NE GRAND AND ENcinal Ave, Alameda. Peder Sortland vs W M Holton and Ralph H Smith $47
April 5, 1924—NO. 830 E-TWENTY-fourth St., Oakland. Frank D Moller vs Clarence K Nichols....$155.14
April 5, 1924—SE 30 LOT 16 BLK 6, Map of Allendale Tract, Oakland. A K Goodmundson vs E C Kramer, Susie Betts and Kramer Bros..$58.32
April 5, 1924—LOT 18 and NW 5 Lot 17 Blk 6, Map Allendale Tract, Oakland. A K Goodmundson vs E E Kramer, Susie Betts and Kramer Bros $58.33
April 5, 1924—NE 24.34 LOT 17 and SW 12.66 Lot 18 Blk "B" Map Sub Blks B and C, Champion Tract, Oakland. Cooley Hardwood Mfg. Co vs Mrs. Annie E Edge.....$58.20
April 5, 1924—NE 28.34 LOT 16 and SW 8.66 Lot 17 Blk B Map Sub Blks B and C, Champion Tract, Oakland. Cooley Hardware Mfg Co vs Mrs. Annie E Edge....$58.20
April 5, 1924—SW BOEHMER AND Kennedy, Oakland. W P Fuller & Co vs Western Milling Co...$432.52
April 8, 1924—PTN UNNUMBERED portion Map of Auning Tract No. 2, Oakland. H S Swanson Co vs Leo L and Clarence K Nichols....$379.63
April 8, 1924—LOT 74 Map Allendale Park, Oakland. Nelson Lumber Co vs Adam and Harda Kramer and Arthur D and Bulah Halliday.$795.22
April 8, 1924 — NORTHEAST PORtion lot 6, Map of Bond Tract, Brooklyn Tp., Oakland. Zenich Mill & Lumber Co. vs. E. C. Wilderen $27.26
April 8, 1924—LOTS 26-27, BLK. 193 Kellerbergers Map of Oakland. Richard Ove and Robt. Matson (Eastern Decorating Co.) vs. Geo. and Arthur Hoffschneider, Frank Kristan, Henry Mahoney, David Kelly, August L. Gerhard and Chas. Williams $340.43
April 8, 1924—LOT 30, BLK. N, 4th Ave. Terrace Tract, Oakland. Sam Muriale vs. A. C. A. Krueger....$155.
April 7, 1924—NO. 1117-1121-1125 Grand Ave., Alameda. Stewart Mantel & Tile Co vs W M Holton and B H and Zettie Smith....$271.30

RELEASE OF LIENS

ALAMEDA COUNTY

April 4, 1924—LOT 200 Map Fourth Ave Ter. Extension, Oakland. Thos F Rigney, $135; Chas Wilson, $23; Nelson Lumber Co, $684.33; West-

ern Door & Sash Co, $26; D H Seeman, $335 to G Johansen, Fred J and Mary England.....
April 4, 1924—LOT 200 BLK 537 Map Fourth Ave Ter. Extension, Oakland. J H Green to Fred J England $189
April 4, 1924—LOT 200 Map Fourth Ave Ter. Extension, Oakland. A K Goodmundson to Fred J England.$91
April 4, 1924—LOT 220 Map Fourth Ave Ter. Extension, Oakland. Redwood Mfgrs Co, $198.15; E P Neel to Gus Johansen, F J and Mary England .....
April 2, 1924—POR LOTS 61 AND 62, Map of Fremont Tract, Oakland. Thos. Knipe to M. Edeaw, also known as Mellie Edeaw and Sadie Edeaw $121.50
April 9, 1924—SE MESABA & SEMINary Aves, Oakland. Jack-Thompson Lumber Co. $414.55; P M Henning, $176 to R E Taylor.....
April 9, 1924—LOT 36 Ardsley Hghts, Okd. Tilden Lumber Co, $1755.40; Robt Howden Jr and J Watson Howden, $188.36; Oakland Lime & Cement Co, $131.65; W J Taber, $155 to Mary E Reid and F A McCausland .....
April 9, 1924—LOTS 76, 77 AND 78 Blk 12, Chevrolet Park, Oakland. E K Wood Lumber Co to R E Taylor $888.20
April 9, 1924—LOT 32 Ardsley Hghts Oakland. Henry Laughland to Mary E Reid.....$197
April 8, 1924—LOT 22 and S 15-6 Lot 21 Blk 191, Kellerberger's Map of Oakland. Inlaid Floor Co to L Klomser & State Savings Bank.$270
April 8, 1924—SW THIRTEENTH & Franklin, Oakland. R J Patcha to Tribune Bldg Co.....$534
April 8, 1924—LOT 30 BLK 3, Berkeley. Geo Stoddard to H K Schulz, Chas Boynton and W E Mitchell.. .....$58.65

Notice of Non-Responsibility

ALAMEDA COUNTY

April 2, 1924—LOT 7 and W 20 Lot 6 and E 5 Lot 8, Terminal Tct, Alameda. Geo H Senger as to improvements on property.....
April 4, 1924—PTN BLK 20 Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property.....
April 5, 1924—PTN BLK 157, Kellerberger's Map of Oakland. Leon L Moise and Gerald F Schlesinger as to improvements on property.....
April 5, 1924—LOT 8 BLK 1, Map Tract A of the Berkeley L. T. I. Ass'n., Berkeley. F C Koerber, Henry C Bischoff and Lillie L Koerber as to improvements on property .....

ARCHITECT'S CERTIFICATE

ALAMEDA COUNTY

April 3, 1924—Merritt J Reid has filed his certificate of architecture for Alameda County.

BUILDING CONTRACTS

SANTA CLARA COUNTY

DWELLING
LOT 5 BLOCK 3 ROOSEVELT PARK, San Jose. All work for 1-story 5-room frame dwelling and garage.
Owner—E. W. Grebbell.
Archt. & Contractor—D. R. Spooner 203 S 17th, San Jose.
Filed April 3, 1924. Dated April 3, 1924.
Enclosed and roof on $770
Brown coated 770
Completed and notice of completion filed 770
Usual 35 days 770
TOTAL COST, $3080
Bond. Forfeit, Limit, none; Plans and specifications filed.

HOUSE
LOT 2 BLOCK 1 ACACIA PARK TCT, San Jose. All work for 1-story duplex house and garage.
Owner—Grace E. Bennett 484 No. 2nd St., San Jose.
Architect—Ernest Flores, Campbell.
Contractor—George D. McCrary and Ralph J. Sharp.
Filed April 4, 1924. Dated Mar. 29, 1924.
Frame erected $1641.25
Brown coated 1641.25
Completed 1641.25
Usual 35 days 1641.25
TOTAL COST, $6565
Bond, $3188; Sureties, Wm H. O'Neil & M. L. Doane; Forfeit, none; Limit, 90 working days; Plans and specifications filed.

DWELLING
LOT 19 BLOCK 13 ON SHASTA AVENue in Hanchett Residence Park, San Jose. All work for 1-story 4-room colonial frame dwelling and garage.
Owner—Bessie May Richards.
Architect—None.
Contractor—Minton Lumber Co., 541 Front, Mountain View.
Filed, —. Dated—.
Enclosed $1062.50
1st coat plaster on 1062.50
Completed and notice of completion filed 1062.50
Usual 35 days 1062.50
TOTAL COST, $4250
Bond, Forfeit, none; Limit, 90 working days from March 31, 1924; Plans and specifications filed.

APARTMENTS
LOTS 1 AND 2 BLK 4, Garden City Addition, San Jose. All work for two-story apartment house and store.
Owner—Nicholas Vicari, 25th and Santa Clara St., San Jose.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.
Contractor—K. T. Romie.
Filed Apr. 3, '24. Dated Mar. 15, '24.
Upon execution of contract....$3500
By promissory not and a Deed of Trust payable on or before 6 months 6500
TOTAL COST, $10,000
Bond, $5000. Surety, The Fidelity & Casualty Co. Limit, 90 working days from April 1, 1924. Forfeit, none. Plans and specifications filed.

DWELLING
LOT 13, Washington Sbdvn, San Jose. All work for one-story frame dwelling.
Owner—Dan Levin, 42 E-San Fernando St., San Jose.
Architect—None.
Contractor—W. O. Furtwangler, 269 S-23rd St., San Jose.
Filed April 1, '24. Dated April 1, '24.
Rough frame up.....$1225
Plastering done 1225
Notice of completion filed..... 1225
Usual 35 days..... 1225
TOTAL COST, $4900
Bond, $2450. Sureties, R. French and Chas. A. Payne. Limit, forfeit, none. Plans and specifications filed.

COTTAGE, five-room, $2400; N Twenty-sixth St, near Santa Clara, San Jose; owner, T. D. Ennis.
RESIDENCE, two-story 7-room, $11,000; Thirteenth St. near San Antonio St., San Jose; owner, Arthur Crane; architect, Chas. McKenzie, Bank of San Jose Bldg., San Jose; contractor, E. Nommensen, 101 S-16th St., San Jose.
COTTAGE, 4-room, $1500; Harliss St. near Edwards, San Jose; owner, Hugh E. Bayless, 918 Harliss St., San Jose.
COTTAGE, 4-room, $1800; Nineteenth St. near Julian, San Jose; owner, F. W. Sohm, 230 S-8th St., San Jose
COTTAGE, 6-room, $4900; Sixteenth St. near Empire St., San Jose; owner, Dan Levin, 12 E-San Fernando St., San Jose; contractor, W. O. Furtwangler, 269 S-23rd St., San Jose.
COTTAGE, 5-room, $3080; Fuller St. near Prevost, San Jose; owner, E. W. Grebbell; contractor, D. R. Spooner, 17th and San Antonio Sts., San Jose.
COTTAGE, 4-room, $1800; No. 1325 E-San Antonio St., San Jose; owner, B. H. Painter.
COTTAGE, 3-room, $1800; Twenty-fourth St., near St. James St.; San Jose; owner, Lena Fate Delmue; contractor, W. H. Howe, 625 Chapman St., San Jose.
COTTAGE, 6-room, $4800; Seventh St. near Keyes, San Jose; owner, C. Montoya; contractor, Wm. Regel, 945 Delmas St., San Jose.
COTTAGE, 5-room, $3000; 12th St. near Washington St., San Jose; owner, R. Rubino, Alameda and Hillsdale.
COTTAGE, four-room, $1950; Hull St. near Prevost, San Jose; owner, Leo Schutte, 19 S-2nd St., San Jose

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
April3, 1924—LOT 2 BLK 7, Hanchett Residence Park, San Jose. T H and Hattie A Stubenrauch to whom it may concern.....April 3, 1924
April 4, 1924—LOT 10 McCoy Addition, San Jose. Lida N Jack to whom it may concern..April 3, 1924
April 2, 1924—PTNN LOT 3 BLK 1 S 3 2 W, Town of Santa Clara. Joe Estralla to George Kemp.Mar. 27, '24

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
April 3, 1924—BLK "H" Inspiration Point, Monta Vista. O H Anderson vs Monte Vista Estate, Inc, Santa Clara Valley Land Co, George A Hensley and Elliette O'Brien.$738.89

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE
LOT SE GLAZENWOOD PARK, San Mateo. All work for 1½-story and basement residence and garage.
Owner—R. W. Kern, 280 30th Ave., San Francisco.
Architect—None.
Contractor—S. A. Born Bldg. Co., Glazenwood.
Filed April 3, 1924. Dated April 3, 1924.
Sheathed $3601.50
Brown coated 3601.50
Completed and accepted..... 3601.50
Usual 35 days 3601.50
TOTAL COST, $12,426
Bond, $12,426; Sureties. Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, 90 working days; Plans and specifications filed.

RESIDENCE
REDWOOD CITY, Cal. All work for frame stucco residence and garage
Owner—William J. Dusel, 20 Finger St Redwood City.
Architect—Edw. G. Bolles, 232 Post St. San Francisco.
Contractor—Groom & Whlenberg, 108 Stratford Ave., Redwood City.
Filed April 2, 1924. Dated Mar. 31, 1924.
Rafters up $2330
Plastered 3350
Completed and accepted..... 3500
Usual 35 days 3111
TOTAL COST, $12,440
Bond, $6225; Sureties, P. E. Brand. W. H. Pfaffiin; Forfeit, Limit, none; Plans and specifications filed.

RESIDENCE
REDWOOD CITY, Cal. All work for frame residence and garage.
Owner—Charles Lightner, 962 Union St San Francisco.
Architect — N. W. Sexton, Chronicle Bldg., San Francisco.
Contractor—Miller & Van Horn. San Francisco.
Filed April 3, 1924. Dated April 3, 1924.
Roof sheathed $2487.50
Brown coated 2487.50
Completed and accepted.... 2487.50
Usual 35 days 2487.50
TOTAL COST, $9950
Bond, none; Forfeit, $10; Limit, 100 wk days; Plans and specifications filed.

RESIDENCE, 2-story, $15,000; Lot 16 Blk 3 Elgme Ave, Burlingame; Owner, Chas. H. Seymour, 1500 Burlingame Ave ,,Burlingame; contractor, Mitchell-Jackson, 120 2nd St., San Mateo.
BUNGALOW and garage, $5500; Lot 8 Blk 10 Pepper Ave., Burlingame; owner, Mrs. Foster Smith; contractor, Robert H. Bryden.
BUNGALOW and garage, $4000; 17 Blk 6 Villa Park Morill Ave. Burlingame; owner, Norberg & Wickland Burlingame.
BUNGALOW and garage, $5000; Lot 16 Blk 17 Cabrillo Ave., Burlingame; owner, Allan & Morahan.
BUNGALOW and garage, $5000; Lot 2 Blk 9 Chula Vista Ave., Burlingame; owner, J. Walks; contractor H. & H. Bars.
BUNGALOW and garage, $4000; Lot 9 Blk 47 Cabrillo Ave.; Burlingame; owner, Minnie B. McIntyre.

BUNGALOW, $1000; Lot 26 Blk 7 L & pt Blvd St, Burlingame; owner, J. Parker; contractor, F. J. Regan, 1515 Willow St., Burlingame.
RESIDENCE and garage, $4750; Lot 29 Blk 6 Lincoln Ave, Burlingame; owner, W. Aranson.
BUNGALOW $3000; Lt 4 Blk 37 Dwight Rd., Burlingame; owner, A. Hamilton, 807 Bayswater, Burlingame.
BUNGALOW and garage, $5000; Lot 14 Blk 57 Eastman Dr, Burlingame; owner, H. E. McCall.
BUNGALOW and garage, $4000; Lot 9 Blk 4, Paloma Ave., Burlingame owner, L. Casettan;
RESIDENCE, $8150; Por 145 San Mateo Park, San Mateo; owner, Ralph Gray, San Francisco; contractor, C. H. Bessett Co., Mills Bldg., San Francisco, and Burlingame.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Amount
April 2, 1924—LOT 29 BLK 50, Easton No. 4, Burlingame. Lillian MacBain to Charles L Bell Mar. 27, 1924
April 2, 1924—N FLORABUNDA AV 465 E County Road, San Mateo. W S and Elanor C Rennie to Wm and Jas Watson.....April 1, 1924
April 3, 1924—LOT 5 BLK 8. Burlingame Park No. 2. Burlingame. Millicent C and Edmund E Wilkins to whom it may concern.....April 2, 1924
April 3, 1924—LOT 29 BLK "R," Hayward Park, San Mateo. Alfred H Feasey to Mattoch & Feasey.....March 22, 1924

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
April 2, 1924—LOT 2 BLK 3 Burlingame Park No. 4, Burlingame. M Wrait vs R C Leonard et ux..$181.40

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

SACRAMENTO. All work for frame & stucco theatre building.
Owner—Earl W. Nell and Chas. F. Clark.
Architect—None.
Contractor—Chas. S. Mabrey Co. and L. G. Barton, Ochsner Bldg., Sacramento.
Filed April 4, 1924. Dated Mar. 28, 1924. Payments not given.
TOTAL COST, $7712
Bond, Forfeit, Limit, Plans and specifications, none.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
March 31, 1924—LOT 1862 & N 38 FT Lot 1863 W & K Tct 24, Isaac Christie.....March 25, 1924

BUILDING CONTRACTS

CONTRA COSTA COUNTY

STORE and office building, two-story, $5000; NW Ninth and Macdonald, Richmond; owner, J. Albert, 7th and Macdonald Ave., Richmond; architect, J. T. Narbett, 9th St. and Macdonald Ave., Richmond; contractor, P. M. Sanford, Box 1061, Richmond.
DWELLING, one-story frame, $3000; S Esmond St., bet. 28th and 29th Sts., Richmond; owner, Contra Costa Realty Co.; contractor, Tandy & Thies, 234 Chanslor St., Richmond.
DWELLINGS (2) 1-story frame, $6000 W 44th St., bet. Macdonald and Nevin Aves., Richmond; owner, A. J. McNany, 1920 Chanslor Ave., Richmond.
WAITING room & office, $6000; Castro Point, Richmond; owner, Richmond San Rafael Ferry Co., Premises.
DWELLING, one-story frame, $3000; W 17th St., bet. Macdonald & Bissell Sts., Richmond; owner, Pier Wierda, 1734 Addison St., Berkeley

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

DWELLING and garage, $2500; No. 350 N-Locust St., Stockton; owner, J. W. Williams, 825 N-Wilson Ave., Stockton.
DWELLING and garage, $4500; No. 25 W-Wyandotte St., Stockton; owner, C. Rossi.
RESIDENCE and garage, $3750; No. 1244 W-Park St., Stockton; owner, Charles K. Pasma.
DWELLING and garage, $17,800; No. 1156 N-San Joaquin St., Stockton; owner, Dr. C. R. Harry, Farm & Merc. Bldg., Stockton
DWELLING and garage, $3700; No. 2417 N-San Joaquin St., Stockton; owner, N. Rivara.

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
April 4, 1924—S 51.10 OF LOTS 10 & 12 Blk 101, S of Mormon Channel. San Joaquin Lumber Co vs J A Souza Jr $416.92
April 5, 1924—W ½ OF SEC 4, T 2 S, R 7 E containing 4 acres, Stockton. Home Lumber Co, $364.62; C W Wood (as C W Wood Co), $850 vs. United Bank & Trust Co and Sun Valley Packing Corporation.....

BUILDING CONTRACTS

FRESNO COUNTY

BUILDING
LOT 52 Paige Tract, Fresno. All work for two-story and basement frame building.
Owner—St. Alphonsus Catholic Church.
Architect — Coates & Traver, Rowell Bldg., Fresno.
Contractor—Lo Forti & Heffner, 252 Coast St., Fresno.
Filed Apr. 5, '24. Dated Apr. 3, '24. As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $17,406
Bond, $8703. Sureties, D. Ramponi and G. Massini. Limit, 90 working days. Forfeit, $20 per day. Plans and specifications filed.

DWELLING, $17,106; No. 351 Kearney Blvd., Fresno; owner, St. Alphonsus Church; contractor, Lo Forti & Heffner, 252 Coast St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
April 4, 1924—LOTS 7 AND 8, Stockton Tract, Fresno. W C Scott to whom it may concern...Apr. 4, 1924
April 5, 1924—LOTS 11 AND 12 BLK 2, Arlington Heights, Fresno. E H Esworthy to whom it whom it may concern.....April 4, 1924
April 5, 1924—LOT 14 BLK 3, Highland Park, Fresno. Oral R Barnett to whom it may concern..April 4, '24
April 7, 1924—LOTS 1 9AND 20 BLK 3, Roeding Addition, Fresno. W H Richmond to whom it may concern .....April 17 1924
April 7, 1924—LOT 3 BLK 37, Alta Vista Tract, Fresno. Charles Redman to whom it may concern.....April 5, 1924
April 7, 1924—LOT 21 BLK 3, Boulevard Gardens No. 2, Fresno. Jos Danglor to whom it may concern.....April 4, 1924
April 4, 1924—LOTS 1 AND 2 BLK 11, College Park, Fresno. Edith Trumbull to whim it may concern .....April 2, 1924
April 4, 1924—LOTS 45 AND 46 BLK 3, High Addition No. 4, Fresno. Samuel Z Todd to whom it may concern.....April 3, 1924
April 4, 1924—LOT 17 BLK 1, Blvd Gardens No. 2, Fresno. A F Wood to whom it may concern.Apr. 3, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
April 5, 1924—LOTS 19 AND 20 BLK 2, Duncan Addition, Fresno. J D Halstead Lumber Co vs Al and Fannie Urbach $285
April 5, 1924—LOT 20 W ½ LOT 19, Blk 2, Hartley Addition, Fresno. Routt Lumber Co vs A Miroyan and J C Drake.....$263
April 4, 1924—N ½ OF NE ¼ OF SE ¼, N ½ of NE ¼ of SW ¼ of Sec. 15, 14-21, Fresno. J D Halstead Lumber Co vs Eva and A Misakian $86
April 2, 1924—LOTS 9 TO 13 BLK 345, Fresno. Routt Lumber Co vs Fresno Natatorium Co and Jas L Daly $947

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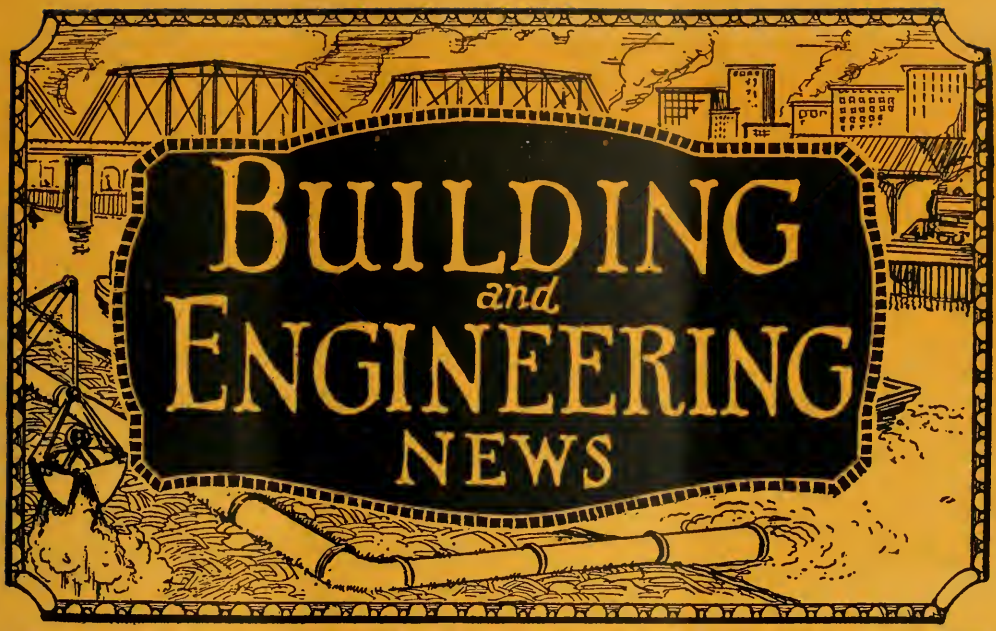

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Published Every Saturday
Twenty-fourth Yetr No. 16

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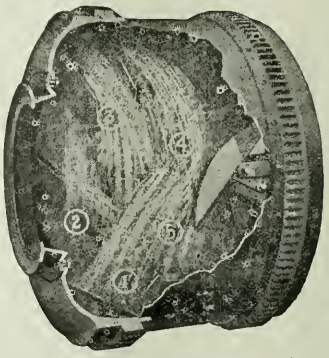

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday SAN FRANCISCO, CALIF., APRIL 19, 1924 Twenty-fourth Year No. 16

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WATTS SEWER CONTRACT HELD VOID BY SUPERIOR COURT

Judge Carlos S Hardy in the superior court has handed down a decision making permanent the temporary restraining order issued to prevent the city trustees of Watts carrying out a contract with J. G. Beckjord for construction of a sewer system. A lengthy written opinion was prepared by Judge Hardy. In conclusion the court found "the rights of the taxpayers of the city of Watts were violated and disregarded and the law requiring fair, open and competitive bidding was ignored; that the temporary injunction heretofore granted should be made permanent and the said contract made between the city of Watts and Beckjord should be set aside and is so ordered."

Bids were taken for the construction of the proposed sewer system for Watts five times, the last time Dec. 26, 1922. On this occasion J. G. Beckjord submitted the low bid at $445,000 and was awarded the contract. His bond was signed by Fred Hoffman and wife. Hoffman also had submitted a bid at $447,000. The work was sublet to Joe Chutuk for $315,000, and work to the amount of about $50,000 had been done, it is alleged, when it was halted by a court order.

It developed at the hearing of the case that just before the plans were submitted for the last time to contractors the plans were changed to elevate the sewer on an average of 6 to 8 ft. which made a great difference in the amount of excavation required. According to the written statement of the court, City Engineer Koebig, in charge of the work, neglected to call the attention of the city trustees specifically to this change.

SEEKS NEW USES FOR SLAG

Betterment of present methods of utilizing the slag produced as a waste product of blast furnaceh. and research looking toward the development of new methods of using it were discussed at a conference of the National Slag Association held at the Bureau of Standards, Department of Commerce, recently. In addressing the conference P. H. Bates of the Bureau of Standards calltd attention to the fact that slag is now used in Europe for making "Eisen Portland Cement" which consists of about 35 oper cent of ground slag and 65 per cent of Portland cement. He expressed the opinion that such use would ultimately develop in this country. Eisen cement is nearly as strong as Portland cement, he stated, and is also thought to be more resistant to attack by sea water and by alkali.

Following Mr. Bates. Mr. J. C. Pearson, Chief of the Bureau's cement section, told the conference about tests at the Bureau of Standards on the properties of concrete in which slag is used as aggregate. The Bureau finds that if the usual porportions are adhered to the concrete made with slag is less workable than that made with gravel, and is not so easily handled, but this difficulty can be avoided by using a larger portion of sand. Strength tests are now under way, and results are expected by the middle of the month. The slag concrett is found ti fill about 6 or 7 per cent less space for tht same volume of aggregates as compared with gravel concrete, Mr. Pearson stated.

There are 20,000,$00 tons of slag produced annually in the United States. Mr. Pearson said, and it sells for a small fraction of a cent per pound. It is usually not handled by the steel industry, but is sold by them to independent concerns who make it into useful products.

The meeting was also addressed by Mf. McCulloug of the Chamber of Commerce of the United States, and Mr. R. M. Hudson of the Division of Simplified Practice of the Department of Commerce. Among the members of tht Association present were the president. Mr. C. L. McKenzie. President of the DuQuesne Slag ridycts Company of Pittsburg, and the Secretary, Mr. H. J. Lovt of Cleveland, Ohio.

ACCEPTED BID PRICES AVERAGED FOR FEBRUARY

Average accepted bid prices on Federal-aid projects during the month of February based on quantitles as shown were as follows: Common excavation 2,242,888 cubic yards, 38 cents; rock excavation 211,447 cubic yards, $1.26; crushed stone in place 70,383 cubic yards, $2.97; Class A concrete 17,642 cubic yards, $19.00; gravel surfacing in place 1,264,240 square yards, 32 cents; bituminous macadam 179,784 square yards, $1.82; plain cement concrete in place 238,457 square yards, $2.23; steel reinforcing 2,786,006 pounds 5 cents, and structural steel in place 417,735 pounds, 9 cents.

February is not a month of heavy contract letting and in many states no Federal aid contracts were let. For this reason the figures can not be said to represent an average for the country.

SURVEY REVEALS HOUSING SHORTAGE

A shortage of between 800,000 and 1,000,000 houses in the United States was revealed by officials of the National Housing Association who met at Philadelphia to attend the three-day session of the ninth national conference on housing in America.

Three vital factors in the blockade on houses were summed up as follows:

High cost of money.
High cost of material.
High cost of labor.

New York, Chicago, Philadelphia, Cleveland, Boston are now facing an acute housing shortage. In many other cities there are no houses available for the working man and few are under construction.

To relieve the housing shortage, that is dangerous to the health and morals of young Americans, at least six remedies must be adopted, according to officials of the conference. They are:

Banks must let up the embargo on building money. At present the banks are unwilling to make loans over 50 per cent of the value of the building. This retards construction and also allows profiteering on second mortgages.

Builders must be content with smaller profits to stimulate construction.

The type of house for the working man must be changed so as to get cheaper construction. "Gingerbread" designs that are unnecessary can be eliminated. This would open the home market to the salaried group at $35 to $50 a week and 30 per cent more of the population would be home owners.

Cost of building materials must be lowered by increased production with wages of the makers of materials the same as now received.

Cities must improve suburban properties, installing sewers, water mains and electricity so that the land will be available for building operations.

Building codes of "Tutankhamen" time must be changed to modern codes and standardized. Variety could then be eliminated and production of building material produced at lower cost.

MUCH COPPER USED FOR STORE FRONTS

Store front construction in the United States consumed approximately 4,000,000 pounds of copper in 1923, an increase of nearly 1,000,000 pounds over the previous year, according to figures compiled by the Copper & Brass Research Association.

At present there are approximately 1,425,000 stores in the United States. Practically all the newer ones have copper fronts while each year many old fronts are torn out and copper installed. The use of copper store fronts along the sea coast has increased to a great extent due to the fact that copper successfully withstands the corrosive action of salt air. Varying amounts of copper are used in different installations. The average front of the small store utilizes about 75 pounds of copper, and the average amount for all classes is about 100 pounds a store.

It is estimated that during 1924 consumption of copper for store front construction will reach 5,000,000 pounds, so that within a period of three years, the tonnage of copper for this use will have almost doubled.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Sale for a consideration of $1,000,000 of the properties of the American Mineral Products Company at Valley, Wash., to the Northwest Magnesite Company of the same town was consummated April 1, according to information received recently from New York, where announcement of the transaction was made by Roy N. Bishop of San Francisco, president of the Northwest Company. Bishop said the combined property would be operated by his company. The transaction, according to officials of the American Company at Valley, Wash., includes a railroad six miles long, extending from the plant to the railroad at Valley. The two concerns are said to be the largest producers of magnesite in the Northwest.

During the first 8 days of April, 1924, the number of permits issued in Los Angeles was 1428, and the estimated valuation of the structures covered by them was $4,042,743. For the first 8 days of March the number of permits was 1586, and the estimated valuaton $5,363,651, while for the corresponding period in April, 1923, which included the 9th, the number of permits was 1578 and the estimated valuation $4,467,024. On the basis of operations for eight days of April the Los Angeles building total for the current month will be around $15,000,000. For April a year ago the total was $15,352,944.

H. Riddiford, secretary of the Los Angeles Lumbermen's Exchange, has been appointed secretary of the southern division of the California State Lumbermen's Association and will carry the duties of both offices. F. L. Morgan retires after seven years' service as secretary of the Southern California Retail Lumber Dealers' Association, which was recently merged in the state association.

An examination of conditions on the San Joaquin river to determine whether additional funds are needed for dredging during the next fiscal year, has been ordered by the Chief of Army Engineers. Transportation interests at Stockton have complained that the river is unusually low and fear is expressed that unless dredging is done some of the crops cannot be moved.

A conference is being arranged by C. E. Hickok, city manager of Alameda, with Alameda plumbers with a view to framing a new plumbing ordinance for that city. The plumbers have requested that such a conference be called.

Berkeley city council and board of education contemplates a bond issue for $1,000,000 to finance construction of a combined municipal auditorium and high school.

Plumas county supervisors contemplate construction of 8-mile highway from Quincy to Butte-Plumas county line. The road will cost approximately $125,000.

An election will be called in Oakland shortly to vote bonds of $10,000,000 to finance erection of new schools and additions to standing structures.

Shasta County will appeal from the recent judgment of Judge John F. Ellison in Tehama County superior Court, giving Palmer & Peterson, San Francisco contractors, $10,568 on their contract for building the Anderson bridge District Attorney J. W. Carter advised the supervisors it would cost the county $400 to take an appeal and he advised that it be taken. The supervisors authorized him to appeal.

Approximately 5000 owners of timber in California must co-operate with the state and federal governments this summer in fire prevention work under the provisions of the fire patrol law enacted by the last Legislature.

The first reports of the damage done by earthquake in Costa Rica were greatly exaggerated, and in most cases repairs to buildings will be sufficient, Consul Henry S. Waterman reports from San Jose. There will be no general demolishment and rebuilding. An increased importation of building materials will be necessary, however, although a large part of the repairing will be done from local materials. For the purpose of assisting the reconstruction, the Secretary of the Treasury will introduce a bill permitting the free importation of all building materials until January 1, 1925.

Effective April 1 ,Hardy A. Wadsworth took over the concrete products work of the Portland Cement Association in the Southern California and Arizona district, with headquarters in Los Angeles. Wadsworth has been a member of the association's staff at Los Angeles headquarters for a number of years. His new field will cover the promotion of practically all kinds of concrete work except paving.

U. S. Civil Service Commission announces an examination for the position of cement inspector, to fill vacancies in the Bureau of Standards, Department of Commerce. Entrance salaries range from $1,320 to $1,680 a year. Applicants must have at least one year's experience in the inspection of cement. Receipt of applications for the examination close May 20.

Governor Hunt of Arizona has accepted the resignation of Frank R. Goodman as state highway engineer and has appointed W. W. Lane, assistant engineer, as acting state highway engineer. Mr. Goodman was formerly head of the state highway department, but was superseded by E. W. Samuel, secretary of the board of directors of state institutions.

Arrangements for a trip to the Hetch Hetchy Project for San Francisco businessmen are being completed by Paul Bancroft, chairman of the Municipal Affairs Committee of the San Francisco Chamber of Commerce. The party will leave Friday evening May 23 and return Monday, May 26.

Frank D. Tuthill plans the erection of a plant in Reno, Nevada, for the manufacture of portable houses. A company to be capitalized at $100,000 is now being organized to finance the plant.

ALONG THE LINE

The American Ceramic Society will visit the Pacific Coast in July to investigate clay product plants. The delegation, which will comprise some of the largest pottery manufacturers in the country, will leave Chicago July 21 by special train. Clay products industries of the Pacific Northwest, assisted by Chambers of Commerce are preparing to entertain the visitors.

J. Winters Smith, civil engineer of Palo Alto, has been appointed manager of the Delhi State Land Settlement Colony at Delhi and will assume his new duties at once. Smith succeeds Walter Packard who resigned due to differences with members of the board over policies to be pursued at Delhi.

Maj. James G. Steese, U. S. A., retired, has been appointed engineer officer of the board of road commissioners for Alaska, according to a special order of the War Department. He relieves Maj. John C. Gotwals of the engineering corps.

Fresno city council has authorized the city attorney to draft amendments to the municipal charter to make a change to the city manager form of government. Fresno now operates under the commission form of government.

W. H. Weeks, San Francisco architect, has opened Oakland offices on the eighth floor of the Tribune Building and will maintain a complete staff for architectural service for commercial building of all classes.

Ryan A. Grut, reinforced concrete expert, formerly connected with the London branch of the Truscon Steel Co., England, is now chief engineer for Truscon Steel Co. in Los Angeles, with headquarters at 1480 E. 4th St.

Aleck Ludwig Wilson of San Francisco, junior student in the College of Architecture at the University of California, has been awarded a medal for excellence in architectural design.

The Madera County Chamber of Commerce is conferring with the county supervisors regarding a bond election to finance the construction of a good roads system for Madera county.

L. R. Williams, former secretary of the Anderson-Cottonwood Irrigation District in Shasta County, has been promoted to general manager of the district.

Announcement is made of the dissolution of the firm of deWaard & Cobham, general engineering contractors of San Diego. L. deWaard will continue the business of the firm.

Tarter, Webster & Johnson of Los Angeles have purchased the Dorris Lumber & Box Company at Dorris, Calif.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

SLOGAN PRIZE AWARD

"American Homes Built American Plan" is the slogan selected by the Contra Costa County Builders' Exchange. The slogan will appear on all stationary of the exchange and that of its members.

The $25 prize offered by the exchange for the slogan selected was won by F. A. Doney, 115 Ohlo Ave., Richmond. About 200 slogans were entered in the contest and after considerable effort the prospective winners were reduced to six in number. After a three-day consideration, the Slogan Committee awarded the prize to Doney.

Adoption of the slogan was brought about through a similar contest held by the Builders' Exchange of Alameda County who selected as its slogan: "When You Invest, Employ the Best."

HEADS I WIN—TAILS YOU LOSE

Alex Mennie, noted for his ability to spring new ones—those that have never been sprung before—tells of two Scotchmen who met just outside the Builders' Exchange and engaged in the following conversation:

Oh, how au ye?

Oh, I'm fine. I've ben marit.

Oh, that's good.

Oh, it's not so good neithur; she's a bad one.

Oh, that's bad.

Oh, it's not so bad neithur; she had a dowery.

Oh, that's good.

Oh, it's not so good neithur; there is none of it left.

Oh, that's bad.

Oh, it's not so bad neithur; we bought a hame with it.

Oh, that's good.

Oh, it's not so good neithur; it burned down.

Oh, that's bad.

Oh, it's not so bad neithur; she was in it.

PAINT AND VARNISH MEN TO MEET IN JUNE

The third annual conference of Paint and Varnish Sales Managers' will be held Wednesday, June 4, at the Hotel Statler, Detroit. As has been the custom for the past two years, the sales managers will meet on the day following the annual meeting of the Paint and Varnish Advertising Managers'

One feature of this year's conference will be a question box, and the questions submitted will be informally discussed during the afternoon session. June 3 and 4 will be two days full of intense interest to all advertising and sales managers.

ENGINEERS ELECT

C. B. Bruner has been elected president of the Sacramento Chapter, American Association of Engineers. Bruner is assistant manager of the Sacramento Northern Railroad.

Others elected are L. V. Campbell, B. E. Pierce and F. B. Gillette, vice presidents, and H. A. Waterman, secretary-treasurer.

Fred J. Grumm, retiring president, was named delegate to attend the association convention in San Francisco in June.

"Ain't It The Truth?"

Reprint From Reno, Nevada, Evening Gazette

The Directors of the Pike's Peak Ocean-to-Ocean Highway Association, which once invaded this section with a crowd of boomers soliciting memberships under the guise of routing a national roadway across the continent, have abandoned their road through Northern Nevada and Northern California and henceforth will reach the Pacific Coast by way of Salt Lake City and Los Angeles That means Northern Nevada will probably not be invaded by this flock of highway promoters in the future. In the Far West their energies will be directed hereafter on a line running from the Utah capital to the port of San Pedro.

The Pike's Peak Ocean-to-Ocean Highway Association's campaigners made their first dash through Nevada some six or seven years ago. They were flamboyantly advertised in advance, were entertained by commercial clubs and good roads' organizations, and after a noisy procession through the country they solemnly proceeded to map a transcontinental highway that was to be traveled by oceans of tourists that would spend oceans of money in the towns located upon the route. The incidental matter of taking up subscriptions from members admitted into the "association" was not overlooked.

In Nevada the route followed the Humboldt and Truckee rivers, struck north from Reno and proceeded down the Feather river canyon to the Coast. Before long it was decorated with gorgeous tin signs and thereafter the members were called upon to renew their dues. Now they have left us. Northern Nevada and Northern California evidently proved to be unproductive fields. There are probably better opportunities, higher appreciation, perhaps more money in the warmer climate of the sunny southland. At least that territory is to be patronized hereafter.

The highway part of the Pike's Peak Ocean-to-Ocean Highway Association will never be missed. The roads which it so gratuitously adopted and emblazoned with glittering legends were there before it was organized. They are there yet, non the better, none the worse for the promoters who splashed them upon their colored maps. The men and women who cross the country in motor cars will ride over them, just the same, regardless of the signs tacked up or taken down by the Pike's Peak promoters.

The public is learning this fact—that transcontinental highway associations, with all their clamor, controversy, recriminations and meddlesome interference, build mighty few highways. What they do is to furnish the noise. The moving of dirt and the laying of concrete and asphaltum are left to the taxpayers in the small towns and counties that have little to say, but pay the bills. A just exception must be made in favor of the Lincoln Highway Association and the Victory Highway Association, which have accompanied their propaganda with some real cash expenditures for road construction

In nine cases out of ten these transcontinental highway associations are common nuisances and nothing else. They are more mischievous than constructive. And in many instances they are organized by clever boomers who are not interested in building roads but in obtaining salaries at the expense of an easily beguiled public.

ANNUAL MATERIAL TESTING CONFERENCE BEING ARRANGED

The program is being developed for the twenty-seventh annual meeting of the American Society for Testing Materials to be held at the Chalfonte-Hadden hall, Atlantic City, New Jersey, during the week of June 23, 1924. Work in the field of cement and concrete will be represented by the reading of reports and papers, the most notable of which will be the second report of the Joint Committee on Standard Specifications for Concrete and Reinforced Concrete, including the results of laboratory and field tests that have been conducted by the joint committee to determine the practicability of certain of the recommendations in its first report.

Several of the committee reports will include important recommendations on testing, notably that of Committee E-1 on methods of testing relating to tests of metals. The question of classification of materials according to size will have a place on the program.

The Papers Committee will give particular consideration to providing adequate opportunity for discussion.

ATTITUDE OF PUBLIC ON STATE HIGHWAYS

In its publicity service the Automobile Club of Southern California notes that the recently advisory commission to make a survey of the state highways has discovered "that the public does not seem to appreciate fully the fact that roads are now fundamental business propositions of the state, county and communities, and not merely a luxury to be obtained by occasional bond issue." It is not surprising that the public should have such an attitude. For some time it was "fed up" on propaganda that the state highways were all breaking up, that they were so much junk and that the money spent on them had been wasted. If we are not California was a party to some of this propaganda. We believe it helped to finance a commission which prepared a "harrowing" report on the condition of the state highways that was given the widest publicity. It is no wonder the public has a wrong idea about the state highways and how future improvements should be financed.—Southwest Builder and Contractor.

Illinois State Builders Price Quantities On Unit Hour Basis

The Associated Building Contractors of Illinois has initiated a number of activities in recent years for the improvement of the building industry that have been deemed to possess sufficient merit to be emulated by other organizations throughout the country. It has been the fixed purpose of the association, in its yearly program of work, to offer at least one major feature, presenting both instructive and constructive elements, for the benefit of its members. The accompanying article tells how the association summed up the "Pricing of Quantities on a Unit Hour Basis."—Editor.

Experience has taught that a Trade Organization like any other form of commercial endeavor, must render a service carrying with it a definite value, to its members, if the organization is to endure and prosper. The Associated Building Contractors of Illinois has long ago recognized and heeded this essential and built up an organization occupying a first place in importance among other similar organizations in the country.

During the year 1923, the association presented the subject of "Over-Head Expenses of Contractors." These discussions were presented at each of the district conventions during that year, lead by Gerhardt P. Meyne of Chicago. The attending success of these discussions proved so tremendous, that, at the annual convention last January, a formal resolution was adopted, directing the officers to specially feature "Pricing Quantities on a Unit Hour Basis" during the present year. As occurred last year, Meyne was again appointed to lead in this program and a committee consisting of John C. Wuellner of Alton, (former President of the Association) and George L. Rood of Chicago, appointed to assist him. This committee undertook to emphasize the following essential features in connection with cost finding.

First: To place before the builders of the State, what may be termed a standard estimate sheet.

Second: A standard method of taking-off quantities in the various branches of the trades.

Third: A standard of field overhead, etc.

Fourth: A standard method of cost-keeping and from it develop a method of pricing quantities .

With this purpose in mind, the committee prepared a somewhat extensive scheme in working out its endeavor to thoroughly cover each of the trades that go into the ordinary building construction. The object being, to get a uniform method as nearly as possible, to which the contractors of the State could subscribe; never losing sight of the fact that, the chief purpose of these discussions were, to develop a practical system of pricing quantities. To permit the practical presentation of this purpose, a complete set of plans and specifications were procured of a residence possessing nearly every factor entering into the general building construction industry. Copies of these plans and specifications were presented to the members just as they would have been handed them by an architect for bidding purposes, without any corrections either in plans or specifications. A careful study of these and the quantity sheets showed up the mistakes that are usually found in ordinary plans and specifications. The object of the program was, to get as near as possible, a commercial proposition, as is ordinarily handed the contractors in the State almost daily.

Obviously, it was not the committee's intention to say: "This should be considered a standard sheet" or "This should be considered a standard method." It was the purpose of the committee however, to develop a discussion from which might develop a more satisfactory scheme of taking-off. The scheme exemplified being a system adopted in one of the contractors' offices and found satisfactory.

The specifications were copied verbatim. The plans had been photographed from the original tracings and from plates printed and assembled in regular form so that any builder could take off the quantities. It was the expressed hope of the committee that the members would do this and prove or disprove the correctness of the quantities as noted on the sheets distributed. A complete set of prints showing details of drawings not included on the plans, were also distributed.

The quantity sheets prepared to cover each of the building trades represented in the construction of the building plans and specifications offered, quantity take-offs and marginal notes were made. These sheets were so prepared to permit obtaining prices from the various fabricators and manufacturers of materials as well as the staple materials. The sheets showed in detail, for instance, sheet metal work; masonry piers, mill work, etc., that were not clearly brought out in the plans; curb walls, etc. All these items were shown in marginal notes on these sheets, which because of the expense of printing, were mimeographed and therefore did not present the same opportunity for practical demonstration, printing would have permitted, however, the printed detail plates, as for example, Plates M and M-I, gave those special details regarding cement work calling for extraordinary execution and permitting contractors specializing in same, to figure thereon.

The mill-work was carefully taken-off to permit obtaining separate figures thereon from manufacturers in that line ,as Plate C I - C 5. The entire scheme of the committee being of course, to place before the contractor, a comprehensive out-line of quantities when he is pricing his work on the unit hour basis, and offer a splendid opportunity for the exercise of his judgment or refer to past records for proper pricing.

The first opportunity the committee had to present this program occurred on March 12th, at the city of Joliet, which meeting represented the district convention of the second district in which the State has been divided. Over one hundred and seventy-five members attended and following the meeting, it was freely expressed that the program was appreciated as probably the best effort the Association ever made in presenting discussions tending to improve upon the accepted but obsolete business methods of contractors. The committee also was pleased with the success of its program and had particular pride in the complete manner in which its purposes were presented to the members. The placing of all plans, specifications, detail drawings and quantity sheets, in complete form before each member, represented a detail preparation, never before attempted.

The presentation of this program, was of course, a matter of approaching each individual building trade separately and discussing all phases appertaining to it with regard to the subject matter at hand. Excavating and grading received first attention because it represented the first operation; masonry and concrete followed and thereafter the carpentry, heating, decorating and the various other trades that collectively enter into construction work.

It was pointed out that, contractors in taking-off quantities from architects' drawings will discover many discrepancies both in the plans and specifications and will also find portions of same entirely unworkable. To avoid friction and trouble on such ambiguities and conditions leading to possible misinterpretations, frequent marginal notes on the quantity sheets, attracted attention to the discrepancies and exemplified situations that required the contractor's attention as representing conditions that must be corrected by the architect to avoid misunderstandings later. To wait until after the job is let and contracts signed, would prove of little avail and only invite trouble finally.

In explaining these sheets on quantity, attention was called how necessary it is to have each and every item clearly defined, and if necessary, with thumb-nail sketches on the margin opposite each item requiring special explanation, so that, the builder may determine at once what his unit price may be without referring to either the plans or the specifications, if he chooses to do so.

As may be imagined, in the course of this discussion, a wide range of opinions were expressed on cost variations. This ought not have occurred if the contractors had properly analyzed the pricing on a unit hour basis. For example, the excavating that had to be shovel work, trench digging, wide trench digging, pier hole digging, narrow trench digging and back filling.

The general discussion also developed several systems of pricing concrete. Some considered it best to place it on a cubic foot basis, while others thought it ought to be placed on a cubic yard basis. The discussion brought out that the best way to price concrete work, was to make marginal showing on the estimate sheets, what form work was to be done, as for instance, beams, columns and floor slab to develop the form also, the placing of concrete and the final cost of the finished floor.

In carpentry it was emphasized that lumber ought never to be priced on an average basis. It developed that floor joists cost different from the cost of the erection of 2 x 4 studdings as also the cost of erection of roof rafters. It became obvious that first floor sheeting ought not be priced the same as roof sheeting or wall sheeting. These developments are of course based on fundamental principals and proven to experienced builders. It was shown

that mill-work should be taken off carefully in order to have the proper quantities, but also, to permit obtaining a proper quotation on same and finally be able to place the installation of same on a unit foot basis. The value of installing mill-work can never be safely arrived at if the contractor merely guesses or takes a percentage of the lowest mill bid. Window frames and door frames should be taken off as well and marginal notes made on the quantity sheets to facilitate quickly checking and proper pricing. The discussion developed that, a contractor in order to know what he is doing, must price the installation of his mouldings on a foot basis. That he must know and price the cost of hanging doors, as is obvious that doors of higher quality cost more than basement or attic doors. Placing of the base in the living room costs more than the base in the landry, pantry or garret.

One thing that particularly pleased the committee was the evident concurrence in the necessity of properly pricing quantities to keep cost records. Mr. Wuellner of the committee, exceptionally well explained this to the members and magnanimously explained the system followed in his own offices. He showed that although it may appear diffcult, it is a very simple method to install and follow. Both Chairman, Mr. Meyne and Mr. Wuellner generously invited any member to visit their offices for an exemplification of the systems installed.

An analysis on the cost of concrete work was explained in detail by V. L. Page of Rockford, President of the Association and Oscar W. Rosenthal of Chicago, Director at Large of the Association.

In presenting this program, the committee of course presumed that the members presented were experienced builders and able to take-off quantities.

The one big thing brought home at this convention was, that no matter how carefully a committee might study this subject; no matter how attractively it may be put on standard sheets; no matter how much is said about it, very little general good will come out of it unless each member takes home the plans, specifications, drawings and sheets and studies them carefully, finds faults, flaws or applause in them and begins to apply them to his business and himself.

It was further pointed out that each individual locality should take up and discuss this system of take-off and pricing on the unit hour basis in their own midst and that each craft in such locality should hold discussions among themselves as to what might be a proper method for their own individual needs.

STEEL FABRICATING CORPORATION TO LOCATE IN SOUTH

The Steel Fabricating Corporation of Michigan City, Ind., is planning to establish during the coming summer an assembling and distributing plant in Los Angeles, according to N. A. Leist, sales engineer, who has been in the southern city arranging for the new industry. The California-Arizona-Nevada agency of the Michigan plant, which manufacturers "Stefco" ready built steel buildings, is the Steel Service Corporation, 506 Citizens National Bank Bldg., Los Angeles, a newly incorporated concern headed by Spencer R. Lane as president and Robert R. Sehring, vice-president. This new corporation, capitalized at $100,000, will build and erect steel industrial buildings and complete plants.

High Living Costs Blamed To Closed Shop Building Operations

Since 1915 there has been expended in the city of Cleveland $186,750,000 unnecessarily and worse than wasted because of closed shop unionism, declares William Frew Long, manager of the American Plan Association.

Cleveland people will pay this year $11,205,000 as interest on the "wasted money" for the privilege of entertaining the closed shop in the building industry, he said. As time goes on this amount will increase each year, he pointed out.

"If this money had gone for increased wages I would not have a word to say, but it did not go to the workers." says Long. "It has been added to what workers received and represents waste pure and simple, due to union rules, practices and unwritten laws.

"Experience of cities which established open shop conditions in the building industries proves beyond a doubt that a saving of never less than 25 per cent and sometimes as high as 35 per cent can be made under open shop conditions as against closed. St. Paul contractors estimate that the cost of construction in their city is 25 per cent under that in Cleveland. San Francisco makes a saving of 30 per cent, Los Angeles 27 per cent and Detroit. only about half open shop, 25 per cent.

"The closed shop came into control in the building industry here in 1913," continues Long. "Two years later the effect of union rules had sent the cost of building skyward," he added.

Since 1915 there has been $747,000,000 worth of construction work done in Greater Cleveland. Taking 25 per cent of the total as the least amount which would have been saved through the open shop Long estimated that Clevelanders had paid $186,750,000 more for this construction than they should have "because of closed shop control."

"The great trouble is that people do not realize what the closed shop monopoly is costing them because they pay it in monthly installments in the way of increased rents, increased taxes, increased cost of foods and clothing," says Long.

"If the union labor leaders had sent a committee to the city manager's office on January 1 of this year and demanded $11,205,000 in cash from Cleveland in tribute for 1924, threathening a strike if they did not get it, what would the citizens of Cleveland have done? If the unions had done such a thing—well, that demand is really bebut none the less surely.

"The building trades employers are ing made in a less dramatic manner agreeing to be parties to this extortion not for another year, but for a three-year period, if I am correctly informed. What is needed is some public official who is big enough and courageous enough to lead the people against these extortions.

"The people are tired of being bled by the closed shop monopoly; tired of unreasoning, unfeeling crimes against them; tired of attacks upon our courts; tired of threats against our Government. The people are tired of dynamiting, murder, Herrin massacres, and the use of the whole calendar of crime to bring men unwillingly to their way of thinking."

In outlining the plans of his association, Long said that no funds would be raised to be spent, except for a plan which would insure a permanent cure, for what he termed the present ills of the building trades. He said investigation had shown him that where the public has subscribed funds in other cities for "campaigns against the closed shop," that the results had not been generally satisfactory.

To combat the conditions he spoke of here in Cleveland, the speaker outlined the plan for the establishment of a large open shop construction company. He said his association is now working upon such a plan.

U. S. Standards Bureau Lists 12 New Achievements of Science

The Bureau of Standards, the government's scientific laboratory, announces its twelve outstanding achievements for the past year. Subjects covered in the list range from automobile tires to radio in navigation, according to Cosmopolitan News Service.

Heading the list of achievements is the announcement that the bureau has completed equipment for testing automobile brake linings. Manufacturers have installed the equipment, resulting in the production of more dependable brake linings, with a consequent saving to automobile owners of approximately $15,000,000 annually, the bureau estimates.

Second is the discovery of a commercially practicable method for producing chemically pure glucose, which is a carbohydrate food similar to sugar, but without its sweetening power. For forty years certain industries have sought to produce the product.

Other achievements were named as follows:

The discovery that cord tires on automobiles require less power in the engine than fabric tires of the same size, and, further, that all fabric tires heat up much more on the road than cord tires.

Development of a new sound ranging device for locating ships in foggy weather.

Development of a new safety release device for compressed gas cylinders, which, it is claimed, will result in a saving of approximately $250,000 annually in preventing the leakage of gas while being shipped.

Development of new electrical gauge for determining the strain on bridges and building material.

Discovery of a method for measuring the properties of ammonia.

Disvovery of a method for producing pure platinum.

The discovery of America made tableware is superior to that imported in all respects except with regard to surface scratching.

Determination of the strength and durability of building materials, together with data on the mimimum requirements for small dwelling construction.

Development of automatic equipment for sending out definite radio signals from lighthouses and another radio device useful for air navigation which sends out from a beacon a beam in a definite direction, so that airplanes or vessels can determine when they are following a specified line or are deviating from it.

The invention of a process for improving the plasticity of calcined gypsum, which is the basic ingredient in wall plaster.

TRADE NOTES

Bird-Rymer Co. of Oakland, specilizing in the manufacture and installation of lighting fixtures, announce that A. F. H. Davis and Leonard Sternberg, former members of the company's sales staff, are now members of the firm. The company maintains a plant at 1324 Webster street, Oakland, and officers and salesrooms at 332 Fourteenth street, Oakland.

The Kartschoke Clay Products Co. of San Jose has started operations. In addition to the brick plant, now in operation, the company plans to expand its activities and engage in the manufacture of hollow building tile, roofing and drain tile, vitrified sewer pipe, irrigation pipe and other clay products. G. Kartschoke is president of the company, E. C. Hamlin, secretory and P. E. Mehan, plant superintendent.

Waterhouse-Wilcox Co., with main offices at 523 Market street, San Francisco, has opened a branch at 339 Thirteenth street, Oakland, with J. B. Linford as manager and Edward J. and Ralph W. Wilcox in charge of sales. The company carries a complete line of building specialties and are the exclusive agents for the Caloric pipeless furnaces for homes.

Peninsula Building Material Company announces the completion of its sand, rock and gravel plant at Menlo Park. The plant was constructed at a cost of $30,000, according to Harry Morey, Jr., and Wm. M. Fitzhugh, Jr., owners. The company will carry a complete stock of rock, sand, gravel, cement, lime, plaster, fire brick, sewer pipe and other clay products.

Ruggles & McKee, architects and engineers, 1429 Broadway, Oakland, announce the organization of a special planning service to take care of the planning of bungalows, apartments and small commercial buildings. R. M. Thomas, recently of Los Angeles, will be in charge of the department.

Fred C. Hamilton, for many years sales manager of the Benson Lumber Company, San Diego, has been appointed general manager of that company, succeeding F. M. White who retires to devote his time to personal interests. White will remain a member of the board of directors of the company.

W. W. Prather Lumber Co. of Lakeport has purchased five acres of land and buildings of the former Drake Furniture Company in Lakeport and will immediately remodel the structures and equipment to increase the company's output.

California Rock Company has purchased the Scrivener holdings on the Livermore-Pleasanton highway, near Livermore, and is establishing a plant. Lee A. Frontz, formerly of Niles, is superintending construction of the plant.

Diatom Company of San Miguel, recently organized, is planning to expend $25,000 to construct a crushing plant. The company was organized to exploit large deposits of diatomaceous earth four miles east of Bradley.

Mahoney Brothers, San Francisco contractors, have filed articles of incorporation at Redwood City. The company is capitalized at $100,000 with shares at $1 each. Stockholders and directors are: J. J. and P. R. Mahoney and Paul F. Fratissa.

California Cities Show Building Gains—Los Angeles Decrease

With a grand total of $43,655,946 in building permits issued during March in 78 cities of the seven Pacific Coast states ,an increase of 13.6% over the total for March of last year and an increase of 44.7% over March of 1922 is shown, although the March figures are 2.9% less than the grand total for these cities reported for February of this year. This is shown in the Pacific Coast section of the national monthly building survey of S. W. Strauss & Co.

The most consistent gains were made in the cities of the Northwest and in Utah while slight gains were made in California cities generally except in Los Angeles which, while it reports a March total of $17,279,758, amounting to 35% of the grand total of this survey, shows a loss of 10% from the figures of last March but a 2% gain over February and a 57% gain over March of 1922.

San Francisco, reporting $4,652,933 for March, shows a 44% gain over last March, 18% over February of this year, and 43% over March, 1922.

Salt Lake City, with a March total of $833,020, shows the greatest relative gains, 119% over last March, $235% over February and 239% over the March total of 1922.

Ogden's March total of $204,500, shows a gain of 125% over last March, 173% over February and a gain of 336% over March of 1922.

Portland, with $3,247,290 for March, shows a 17% gain over last March, 24% over February, and a 2% gain over February of 1922.

Seattle reporting $2,151,860 for March, shows a gain of 58% over last March a loss of 2% from the February figures, but an 18% gain over the March, 1922, total

Spokane's $359,485 total for March is 61% over that of last March; 31% over February's figures and 18% over March of 1922.

Long Beach reporting $2,287,240 for March, shows a gain of 15% over last March, 5% over February and 98% over the March, 1922, total.

Oakland, with a March total of $2,896,416, shows a 12% gain over last March, a gain of 24% over February and of 50% over March, 1922.

The group of thirteen municipalities comprising the San Francisco Bay metropolitan area, with a March total of $9,675,907, shows a gain of 22% over last March, a 20% gain over February and a 49% gain over the March, 1922 total.

The Los Angeles metropolitan area, including sixteen municipalities, reports $22,189,628 for March, which is 14% less than the total for last March but 8% greater than the total for February and 62% greater than that of March 1922.

Following are the official March, 1924 construction figures reported by building department executives, from the various cities comprised in the S. W. Straus & Co. building survey for the Pacific Coast States.

City	March, 1924	March, 1923	February, 1924
ARIZONA			
Phoenix	$ 118,010	$ 459,933	$ 308,250
Tucson	115,175	142,523	46,645
CALIFORNIA			
Alameda	193,289	175,831	128,920
Anaheim	321,515	187,015	49,181
Alhambra	859,520	704,795	537,400
Bakersfield	59,790	107,648	63,341
Berkeley	956,950	703,095	668,880
Beverly Hills	423,207	219,320	574,090
Burlingame	176,055	212,902	124,140
Chico	10,700	236,096	12,952
Colton	67,400	26,950	26,500
Compton	95,401	68,640	77,600
Coronado	91,475	26,876	21,945
Culver City	60,455	56,351	57,314
Emeryville	94,135	10,320	330,554
Eureka	118,000	30,000	131,000
Fresno	175,943	520,668	144,040
Fullerton	122,860	200,025	104,510
Glendale	968,050	1,036,475	805,706
Huntington Beach	12,775	76,599	25,625
Huntington Park	196,925	204,329	185,226
Inglewood	136,530	229,270	173,653
Long Beach	2,287,240	1,974,618	2,156,132
Los Angeles	17,279,758	21,196,087	16,083,412
Modesto	37,576	87,600	18,687
Monrovia	120,000	178,520	120,600
Montebello	34,770	70,250	33,625
National City	24,250	33,150	28,190
Oakland	2,896,416	2,581,989	2,250,570
Ontario	100,275	73,775	72,610
Palo Alto	130,000	220,372	196,786
Pasadena	885,252	1,001,770	654,094
Piedmont	186,805	287,264	119,583
Pomona	215,085	136,650	231,505
Redwood City	142,535	30,020	107,051
Redlands	46,895	38,650	45,830
Richmond	87,395	141,940	68,120
Riverside	156,675	134,113	229,998
Sacramento	622,072	720,688	694,538
San Bernardino	145,660	215,715	214,275
San Diego	800,739	1,409,013	763,430
San Francisco	4,652,933	3,229,572	3,912,166
San Gabriel	45,865	16,635	70,982
San Jose	217,175	280,605	219,380
San Leandro	106,836	91,931	81,350
San Mateo	116,925		100,085
San Rafael	53,110	131,500	25,715
Santa Ana	211,970	533,799	360,052
Santa Barbara	807,280	904,698	512,945
Santa Cruz	48,755	87,307	98,135
Santa Monica	630,085	635,790	418,560
South Gate	102,200		107,444
South San Francisco	25,058	62,875	13,890
Stockton	810,140	533,720	447,425
Torrance	141,345	128,335	323,100
Vallejo	7,776	17,322	13,738
Venice	193,450	171,185	302,845
Vernon	78,160	155,000	67,900
Whittier	78,426	260,273	207,455

IDAHO			
Boise	71,777	45,895	30,798
NEVADA			
Reno	26,900	83,875	13,100
OREGON			
Astoria	77,665	177,105	26,225
Eugene	465,685	58,500	108,800
Portland	3,247,290	2,761,220	2,607,965
Salem	180,000	174,800	275,450
UTAH			
Logan	6,000	23,100	4,000
Ogden	204,500	90,600	74,700
Provo	110,050	250,000	52,000
Salt Lake City	833,020	380,356	251,980
WASHINGTON			
Aberdeen	73,720	75,477	49,692
Everett	16,801	65,063	164,974
Hoquiam	44,334	25,510	75,360
Seattle	2,151,860	1,362,985	2,217,330
Spokane	359,485	221,205	273,108
Tacoma	773,102	511,536	404,615
Vancouver	43,415	66,358	28,737
Walla Walla	52,725	17,230	9,840
Yakima	36,570	53,830	80,265

Building Costs Double in Ten Years—Labor and Materials Share

Building costs in the United States, in the midst of what economists have agreed is the country's greatest construction boom, have doubled in the last ten years, according to an announcement of the National Industrial Conference Board of 10 East Thirty-ninth street, New York. In its announcement the board summarized the results of a study it has been making into the national building situation. A noteworthy development by the study is that costs of labor and of materials stand at exactly the same increased levels, for the first time since 1920.

While in New York City the building crafts receive high wages, the study shows that last month they were the highest in the country in only 10 out of 25 trades. Graphic charts accompanying the board's statement reveal the nation-wide character of rising costs, not alone in wages, but in all materials entering into building. Other cities reporting uniformly high wages are Chicago, Cleveland, Pittsburgh, St. Louis and Houston, Texas.

The conference board's investigation covered the leading American cities, and took in all the crafts and the leading elements in building material. Wage figures were based on government and other reports annually in May from 1914 to 1920, and monthly since August of that year.

Among the separate trades, plasterers and bricklayers receive the bulkiest pay envelopes in practically all cities. Bricklayers get $1.25 an hour in 50 cities, and plasterers in 44 cities, while in St. Louis the rate is $1.75 an hour. Lathers and masons get $1.50 an hour in Houston, Texas, the same rate being received by roofers and hoisting engineers in New York. Masons get $1.25 an hour or more in 28 cities, lathers in 12 cities, hoisting engineers in seven cities and roofers in four.

Gasfitters and steamfitters in Houston, plumbers in Houston and Pittsburgh, ornamental iron workers in Cleveland, marble setters in Philadelphia and tile setters in Shreveport, La., all get $1.37½ an hour. In New York the trades best paid next to those cited are carpenters, cement finishers, painters, pipe coverers, sheet metal workers, and structural iron wokers. These get $1.31¼ an hour. Although their wages are less, steamfitters' helpers and laborers get the highest wages in the country in New York.

The hodcarrier, once figuring prominently at the butt of cartoon and caricature, now counts himself among the aristocracy of labor, according to the board's survey, for he earns up to $1.25 an hour, and the average earned by all hodcarriers is more than 90 cents an hour, in the cities surveyed.

The same sustained high levels as shown by the trades mentioned are also being experienced by plumbers, electricans, carpenters and sheet metal workers.

Prices of building materials until recently more than kept pace with the rise in wages, the announcement reveals. It shows that from 1915 to 1920 the prices of materials increased more than twice as much as wages. In 1921, however, they fell to approximately the same levels as wages, and during the past year the present 100 per cent increase over 1914 in both was established.

Cast iron pipe is the most expensive commodity in construction, as compared with 1914 wholesale costs, showing an increase of 306 per cent. Other materials which have more than doubled in the past ten years are Douglas fir, lime, white pine, white lead and turpentine.

Sheet copper and copper wire show the least advances over 1914 of only four and five per cent. Pine flooring and structural steel show great reductions over the peak period.

The general trend of building costs, taken as a whole, as shown by the National Industrial Conference Board's survey, is a tendency downward for materials, and a rising tendency in wages. There was nothing adduced in the survey to indicate appreciable reductions in building costs in the near future, conditions in the United States as a whole being considered.

Results of the survey will be made known to the thirty-odd industrial associations for which the conference board acts as the research agency.

HOUSING SHORTAGE RESULT

An International News Service dispatch from Chicago, under date of April 7, shows the housing question in the East is still somewhat serious especially in the matter of living quarters for the workingman. The dispatch carries the following information:

"Edwin Snyder wearied of the long round of searching for a decent flat within reach of his machinist's wages. He grew tired of apologizing to landlords because he had one child, a 2 year old son.

Mrs. Snyder took up the search Sunday afternoon and returned home buoyant with the news that she had found just what they needed.

The father sat in the kitchen, Edwin Jr. clasped in his arms. Three jets of the gas stove were full on. Snyder and the baby were dead."

PUBLICATIONS

William Arthur well known for his books on estimating building costs, is the author of an "Appraisers' and Adjusters' Handbook," just off the press. Mr. Arthur has had extensive experience as an appraiser, having placed valuations on about fifty million dollars' worth of buildings in Omaha for the purpose of taxation, and about six million dollars' worth of railroad and telephone buildings for the state of Nebraska. His handbook is valuable because it is compiled both from the standpoint of practical experience in appraisal work and his knowledge of estimating new construction. Part I deals with general principles of appraisal and adjustment, square and cubic foot costs, percentages of the various kinds of work, comparisions and approximate estimating. Part II shows how detailed costs may be found. "Appraisers' and Adjusters' Handbook" consists of 616 pages with tables, illustrations and index; leather bound, price $5.00. U. P. C. Book Company, Inc., 239 W. Thirty-ninth St., New York City, are the publishers.

"Portland Cement Prices, Their Basis, Character, and Present Position," is the title of a booklet that contains the results of a scientific investigation of conditions in the cement industry made by Henry Parker Willis, professor of banking, College of the City of New York. The volume contains the history, nature, and organization of the portland cement industry; the economic ground for uniformity of cement prices; the question of fairness and reasonableness of cement price levels; and analysis of cement company earnings; and comparative price tables for portland cement and other building materials. It is published by the Ronald Press Company, 20 Vesey street, New York City

The Armstrong Cork and Insulation Company, Pittsburgh, Pennsylvania, has published a new catalog describing Linotile floors. The use of Linotile in banks, offices, stores, churches, theatres, restaurants, hotels , etc., is illustrated, and charts are included showing twenty-six styles of tile that might be used, together with a list of the standard sizes of Linotile manufactured.

The Stuebing Truck Company, 312 E. Court street, Cincinnati, Ohio, has published two catalogs regarding Steubing lift truck systems and steel bound platforms. The Steubing System is a lifting and carrying unit comprising any number of load platforms and one or more master Steubing lift trucks. It is intended to solve the problem of interior lifting and hauling.

Gorton and Lidgerwood Company, 96 Liberty street, New York City, has published a new modern house heating catalog, No. 88, describing and illustrating the Gordon self feeding wrought plate boilers for all systems of steam, vapor, vacuum, and hot water heating.

The Asphalt Association, 25 West Forty-third street, New York City, has issued a number of booklets dealing with the use of asphalt on paving work. Anyone interested in this subject may obtain full information from the association.

Building News Section

APARTMENTS

To Be Done By Day's Work and Sub-Contracts.
APT. BLDGS. Cost, $30,000 each
SAN FRANCISCO, S California 137-6 & 177-6 E Gough.
Two 3-story and basement frame apt. buildings (7 apts. in each).
Owner—J. V. Campbell, 1040 Bryant St., San Francisco.

General Contract Awarded.
APARTMENTS Cost, $67,304
SAN FRANCISCO, E Jones St. between Sutter and Bush Sts.
Six-story and basement class A apartments (22 2-room apts.)
Owner—M. A. Laurens.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor—Alfred Vogt, 185 Stevenson, San Francisco.
NOTE—Contract includes all work except plumbing, heating and painting. Bids Wanted.

APARTMENTS Cost, $30,000
SAN FRANCISCO, California St. near Fillmore.
Three-story and basement frame apts. (12 2-room apts.)
Owner—Mrs. M. Mahoney.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.
Bids are being taken for a general contract.

Plans Being Prepared.
APARTMENTS Cost, $25,000
OAKLAND, Alameda Co., Cal., Excelsior Ave. near Lakeshore.
Three-story frame and stucco apt.
Owner—Withheld.
Architect — W. E. Schirmer, Thayer Bldg., Oakland.

Figures To Be Taken In Ten Days.
APT. HOUSE Cost, $80,000
SAN FRANCISCO, Hyde St. south of Taylor.
Four-story and basement steel frame class C apt. house bldg.
Owner—Withheld.
Architect—A. W. Burgren, 110 Sutter St., San Francisco.

Plumbing, Heating and Painting Contracts Awarded.
APARTMENTS Cost, $67,304
SAN FRANCISCO, E Jones St ,between Sutter and Bush Sts.
Six-story and basement class A apartments (22 2-room apts.)
Owner—M. A. Laurens.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor—Alfred Vogt, 185 Stevenson St., San Francisco.
Plumbing & heating awarded to Monahan & Slavin 249 Natoma St., S. F. at $13,275.
Painting to C. E. Gordon, 180 Jessie St., S. F. at $3150.
Bids will be called for later for elevator contract.

Contract Awarded.
APARTMENTS Cost, $16,000
BERKELEY, 2515 Virginia St.
Twostory 18-room frame and stucco apartments (4 3-room and 2 two-room apartments).
Owner—Anna Rayburn, 2511 Virginia St., Berkeley.
Architect—W. A. Doctor, 410 15th St., Oakland.
Contractor — E. F. Henderson, 5744 Keith Ave., Oakland.

Sub-Figures Being Taken.
APARTMENTS Cost, $150,000
SAN FRANCISCO, NW Washington & Franklin Streets.
Six-story and basement reinforced concrete apartment house (30 3 and 4-room apts.).
Owner—D. J. Clancy, 2884 Folsom St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Segregated Figures Being Taken.
APARTMENTS Cost, $125,000
SAN FRANCISCO. NE Hyde and Ellis Streets.
Six-story and basement reinforced concrete apartment house.
Owner—John J. Kingwell, Butler Bldg. San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Sub-Figures Being Taken by Owner.
APARTMENTS Cost, $——
SAN FRANCISCO. SW Pierce and Union Streets.
Three two-story frame and brick veneer apartment buildings (2 apts. to have 12 4 and 5-room apts. and the other 4 and 5-room apts.)
Owner—Emil Nelson, 78 Allston Way, San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Work will be done by days labor and sub-contracts.

Figures Being Taken.
STORE AND APTS. Cost, $20,000
SAN FRANCISCO. SE Pacific and Mason Streets.
Two-story frame and stucco store and apartment building (3 stores and 5 apts.)
Owner — Jacob Weissbein, Fairmont Hotel, San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Concrete Contract Awarded.
APARTMENTS Cost, $100,000
SAN FRANCISCO. S Pine St., bet. Powell and Mason Sts.
Five-story reinforced concrete apartments.
Owner—Ernest Johnson, 581 Belvedere St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Concrete work awarded to Mission Concrete Co., 125 Kissling, S. F.

Material of Merit

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24 CALIFORNIA STREET

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Figures Being Taken.
STORE & APT. BLDGS. $20,000 each
SAN FRANCISCO. Fulton St. and Masonic Ave.
Two two-story frame and stucco store and apartments buildings.
Owner — Jacob Weissbein, Fairmont Hotel, San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Figured—Bids Close April 23, 1924.
APT. HOUSE Cost, $30,000
BERKELEY, Alameda Co., Cal., Arch St. near Cedar.
Two-story and basement frame and stucco apt. house (8 3room apts.)
Owner—J. O. Davis.
Architect—W. H. Ratcliff, Jr., Mercantile Trust Bldg., Berkeley.
Figures are being taken for a general contract.

Working Drawings Being Prepared.
APT. HOUSE Cost, $100,000
SAN FRANCISCO, Near Fairmont Hotel.
Three-story and basement frame, stucco and brick veneer apt. house (18 3 and 4-room apts.)
Owner—Withheld.
Architect—W. H. Ratcliff, Mercantile Trust Bldg., Berkeley.

Owner Taking Sub-Figures.
APARTMENTS Cost, $100,000
SAN FRANCISCO, N Sacramento St. W Franklin St.
Four-story reinforced concrete apartment house.
Owner—Louis Stoff, 1035 Sutter St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Prepared.
APT. HOUSE Cost, $37,500
SAN FRANCISCO, NE Cor. Broadway and Larkin St.
Three-story and basement frame and stucco apt. house.
Owner—J. J. McCook.
Architect—O'Brien Bros. 315 Montgomery St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $25,000
SAN FRANCISCO, SE California and Webster.
Three-story frame apartments.
Owner—H. S. Meinberger.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—J. C. Meinberger, 5720 California St., San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $20,000
SAN FRANCISCO, W San Jose Ave. 62 S 24th.
Two-story frame apartments.
Owner—A. H. Beetham, 3555 18th St., San Francisco.

LOS ANGELES, Cal — Architect S. Charles Lee, 329 Douglas Bldg., L. A., is preparing plans for a 3-story 67-rm apt. bldg. to be erected at s.e. cor. Colina and Acacia Aves., for Harry Horowitz. Three-story frame constr., stucco exter., tile and comp. rfg., gas rads., aut. water htrs., tile baths and drainboards, hardwood and pine fls., pine trim, fire escapes, wallbeds, refrigerators ,incinerator.

LOS ANGELES, Cal. — Gregory R. Evans, 2320 Ocean View Ave., has prepared plans and has the contract to erect a 60-room 24-apt. bldg. at n.e. corner of Madison and Monroe Sts. for Chas. Rosin. Two-sto 57x145 ft., frame and plas. constr., comp. and tile rfg., pine, trim, oak and pine floors, tiles baths, wall beds, gas rads., water htrs; $54,000.

OAKLAND, Cal.—City Commissioner W. J. Moorehead announces election will be called shortly to vote bonds of $10,000,000 to finance erection of new schools and additions to the present structures.

SANTA CRUZ, Santa Cruz Co., Cal.—Until April 23, bids will be rec. by county supervisors for the purchase of the $16,000 bond issue of the Boulder Creek Union School District; proceeds of sale to finance school improvements.

WEED, Siskiyou Co., Cal.—Election will be held April 26 in Weed Grammar School District to vote bonds of $30,000 to finance school improvements. Trustees of district are Walter P. Sexton, J. M. White, M. H. Niemeyer, W. H. King, and W. E. Tebbe.

LONG BEACH, L. A. Co., Cal—Financial arrangements have been completed, according to announcement from the office of J. A. Rominger, 116 Locust Ave., Long Beach, for erecting a $300,000 5-story 105x100 ft. store and apt. bldg. at First St. and Lime Ave. for Lionell Maybell, Plans are reported completed.

LONG BEACH, L. A. Co., Cal.—Cordray & Shoots, 326 American Ave., Long Beach, have the contract to erect a $60,000 2-story 42-room 20-unit frame apt. bldg. at 1524-1530 E Ocean Blvd., Long Beach, for C. S. Seymour. Foundation 45x126 ft., comp. rf., stucco exter., hardwd. fls., 20 single apts., full basement, showers, incinerator, lockers, heating plant. Plans by Ernest H. Gates, 1261 American Ave., Long Beach

ALTADENA, L. A. Co., Cal.—Archt. Wallace Neff, 401 Slavin Bldg., Pasadena, has prepared preliminary drawings for a $500,000 3-story auto storage and apt. bldg. to be erected at Marchita St. and Lake Ave., Altadena for Clarence H. Cobb. The Hogan Co., Pasadena, will be the contractor.

LOS ANGELES, Cal. — Frank F. Rasche, 5652 Hollywood Blvd., has prepared plans for a 3-story frame apt. bldg. to be erected at 1819 N Kingsley Dr. by O. Samuelson for himself. Foundation 146 by 46 ft., 35 apts., stucco exter., hardwd. fls., comp. rf., tile baths part basement, disap. beds, hot water system, indiv. gas htg., incinerator.

SANTA MONICA, L. A. Co., Cal. — Roy L. Jones, 311 S Western Ave., has prepared plans for a 3-story 12-unit frame apt. bldg. to be erected on Ocean Front, Santa Monica, by Contractor C. G. Clifton, 309 S Western Ave., for a client, name withheld. Found. 20x104 ft. stucco exter., comp. rf., hardwd fls., tile baths and drainbds., gas rads.

BONDS

BERKELEY, Alameda Co., Cal. — Board of Education and City Council contemplates bond election for $1,000,000 to finance construction of combined municipal auditorium and high school.

WOODLAND, Yolo Co., Cal. — County supervisors will consider bids on June 2 for purchase of $250,000 bond issue of Woodland High School District; proceeds of sale to finance erection of new high school, plans for which are being completed by Architect W. H. Weeks, 369 Pine St., San Francisco.

PENNGROVE, Sonoma Co., Cal. — Election held in Penngrove School District to vote bonds of $33,000 to finance erection of new school failed to carry by seven votes.

REDONDO, L. A. Co., Cal.—An election will be held in the Redondo Beach city school dist. on April 21 to vote on a $275,000 bond issue for purchasing school sites, constructing bldgs., furnishing equip. for same, etc. Henry C. Dusendschon, Ernest C. Heath and May B. Hopkins, trustees.

ANAHEIM, Orange Co., Cal. — An election will be held in the Anaheim union high school dist. on April 25 to vote on a $200,000 high school bond issue. Trustees are: H. E. Carner, S. D. Winters, H. M. Adams, C. H. Mann and E. A. Sparkes.

MADERA, Madera Co., Cal.—Until May 5, bids will be rec. by supervisors for purchase of $20,000 bond issue of Alamo School District; proceeds of sale to finance school improvements.

TORRANCE, L. A. Co., Cal. — The $100,000 city hall bond issue was reported defeated at the recent election. (50124) 1st report March 26, 1924. 2

MADERA, Madera Co., Cal.—Until May 5 bids will be rec. by supervisors for purchase of $1,425 bond issue of Castle Peak School District; proceeds of sale to finance school improvements.

FRESNO, Fresno Co., Cal. — Until April 21, bids will be rec. by supervisors for purchase of $21,000 bond issue of Figarden School District; proceeds of sale to finance erection of new school building.

COMPTON, L. A. Co., Cal.—The $119,000 grammar school bond issue has been sold and a special meeting of the school board will be held Wednesday evening, April 16, to discuss plans for the proposed bldg. with Archt. F. Goodwin, Comptin, and his associate, Archt. Richard D. King, 519 Van Nuys Bldg., Los Angeles.

CHURCHES

Plans Being Figured.
CHURCH Cost, $20,000
RIPON, San Joaquin Co., Cal.
One-story frame and stucco church with shingle roof.
Owner—First Christian Reform Church
Architect — Davis-Heller-Pearce Co., Delta Bldg., Stockton.
Figures are being taken for a general contract.

LOS ANGELES, Cal. — Archt. C. F. Skilling, 430 Bradbury Bldg., has prepared plans for a new church bldg. to be erected on n.e. cor. 14th and Oak Sts for The Church of Our Savior (Lutheran). Auditorium to seat 1200 people. There will be a banquet room and social kitchen in basement. Sunday school rooms. Dimensions 100x120 ft., basement, frame constr., stucco exter., asbestos shingle rfg., gas steam htg., oak fls. and trim, forced ventilation, rest rooms, art glass, pipe organ. On M. Gudmunsen, on job, will supervise the construction.

SAN GABRIEL, L. A. Co., Cal.—Architects Starrett & Payne, 426 Western Mutual Life Bldg., have prepared plans for a mausoleum to be erected at San Gabriel, for the Western Mausoleum Co. One-story, 208x50 ft. reinf. conc. constr., exter. walls will probably be granite or art stone, tile rfg., marble mosaic fls., marble inter. walls, bronze doors, bronze glass and marble cript fronts, cathedral glass skylights, stained glass windows; $150,000.

SAN BERNARDINO, San Bernardino Co., Cal. — First Christian church is planning to erect a $75,000 church bldg. some time this spring. Bids will probably be called within a month. Mr. Gibbs, designer of the San Diego Central Christian Church, is preparing plans for the new bldg. Rev. A. Goodwin is pastor.

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FRESNO, Fresno, Cal.—Building Committee of Cumberland Presbyterian Church, Rev. J. W. West, pastor approves plans for proposed frame and plaster church to be erected at S. W. Hedges and Harrison Aves., 70 by 50-ft. with auditorium, 2-classrooms, choir loft and pastor's study; est. cost $7,000.

FACTORIES AND WAREHOUSES

Contract Awarded.
WAREHOUSE Cost, $13,400
SAN FRANCISCO, NE Main St., bet. Howard and Folsom Sts.
One-story reinforced concrete warehouse.
Owner—Payne's Bolt Works, Howard and Main Sts., San Francisco.
Architect — Nathaniel Blaisdell, 255 California, San Francisco.
Contractor — Mattock & Feasy, 251 Kearny St., San Francisco.

Sub-Figures Being Taken.
WAREHOUSE Cost, $12,500
SAN FRANCISCO, N Townsend 150 W Fourth.
Reinforced concrete warehouse.
Owner—Fry & Co., 119 Sansome St., San Francisco.
Architect — Willis Lowe, 782 Monadnock Bldg., San Francisco.
Superintendent — Peter Petersen, 4th and Townsend Sts., S. F.

Figures To Be Taken In About Two Weeks.
WAREHOUSE Cost, $—
SACRAMENTO, Sacramento Co., Cal., between 8th and 9th. Western Pacific and Southern Pacific Railways.
One-story concrete warehouse.
Owner—Henry Cowell Lime & Cement Company.
Architect—Dean & Dean, City Library Bldg., Sacramento.

Contract Awarded.
FACTORY Cost $165,000
SAN FRANCISCO, NW 10th and Folsom Streets.
Two-story concrete factory 275x120 ft.
Owner—The Kleiber Motor Truck Co., 11th and Folsom Sts., S. F.
Archt. & Contr.—The Austin Co., Santa Fe Bldg., San Francisco.

Owner To Take Figures in About a Week.
ADDITION Cost, $32,000
SAN FRANCISCO, E Folsom St. from 15th to 16th Sts.
Two-story frame addition to factory.
Owner — American Steel & Wire Co., Folsom and 16th Sts., S. F.
Architect—Owner.

Contract Awarded.
BUILDING Cost, $12,975
EMERYVILLE, Alameda Co., Cal.
One-story and basement brick rug inspection building.
Owner—Paraffine Companies, Inc., 475 Brannan St., San Francisco.
Architect—Leland Rosener, Insurance Exchange Bldg., San Francisco.
Contractor—K. E. Parker Co., Clunie Bldg., San Francisco.

Sub-Contracts Awarded.
LAUNDRY Cost, $75,000
SAN FRANCISCO, W Harrison St., bet. 20th and 21st.
Two-story brick laundry bldg. 75x245 Francisco.
Owner—K. Robson, Nevada Bank Bldg. San Francisco.
Lessee—Standard Laundry Co.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—J. S. Malloch, 180 Jessie St., San Francisco.
Lumber awarded to Loop Lumber Co., 6th and Channel Sts., S. F.
Roofing to James Cantley Roofing Co., 180 Jessie St., S. F.
Metal windows to Michel & Pfeffer Iron Works, 1415 Harrison St., S. F.
Electric work to Wedel Electric Co., 235 Montgomery St., S. F.
Plumbing to J. J. McLeod, 1246 Golden Gate Ave., S. F.
As previously reported, concrete and brick work were awarded as follows: concrete work to Adam Arras, 180 Jessie St., S. F. and brick work to Drake & Hadley, 180 Jessie St., S. F.

Sub-Contracts Awarded.
WAREHOUSE Cost, $50,000
SAN FRANCISCO, W 6th 75 N Harrison.
Two-story warehouse.
Owner—K. Robson, Nevada Bank Bldg. San Francisco.
Lessee — Montague Range & Furnace Company.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—J. S. Malloch, 180 Jessie St., San Francisco.
Roofing awarded to Malott & Peterson 2412 Harrison St., S. F.
Metal windows to Michel & Pfeffer Iron Works, 1415 Harison St., S. F.
Steel to Schrader Iron Works, 1247 Harrison St., S. F.
Lumber to Reinhart Lmbr & P. M., 17th and Kansas Sts., S. F.
As previously reported, concrete work was awrded to Adam Arras, 180 Jessie St., S. F., and brick work to Drake & Hadley, 180 Jessie St., S. F.

LOS ANGELES, Cal.—L. A. Bldg. & Contr. Co., 312 Marsh-Strong Bldg., have the contract to erect a 3-story side addition to packing plant bldg. at 803 Macy St. for the Cudahy Packing Co. Dimensions 30x40 ft., brick walls, comp rfg., cement and pine fls., wire glass, steel sash, struc. steel, elevator, cork insulation. Plans prepared by the owner's engr. dept.

MARTINEZ, Contra Costa Co., Cal.—The Alunite Potash Co., of America has purchased a 7-acre site on the Santa Fe railroad and will shortly commence the construction of the first unit or a plant which eventually will be enlarged for a plant with a 100-ton daily capacity.

CORCORAN, Kings Co., Cal.—J. G. Boswell, of Los Angeles, associated with W. W. Boswell, of Corcoran, plan early construction of cotton gin to handle 1924 crop.

LOS ANGELES, Cal.—Frank D. Chase Inc., Title Ins. Bldg., is preparing plans for a class A warehouse to be erected at cor. District Blvd. and Loma Vista Ave., Central Mfg. Dist., for the Adams Material & Supply Co. It will have 50,000 sq. ft. floor space and will be of reinf. conc. constr., 3-story, comp rfg., cem. fls., metal skylights, steel sash, loading plattorm, press, brick and art stone facing, wire glass, sprinkler system, elec. freight elevator, modern fire fighting equipment. The bldg. will be erected under the supervision of W. P. Neil, Terminal Bldg.

ALTURAS, Modoc Co., Cal. — H. Pfleneker, San Francisco lumberman, will erect a box factory in this city, the citizens of the town having agreed to subscribe $20,000 worth of stock in the enterprise. Chas. Moran, owner of the Nevada-California-Oregon R.R. will subscribe $5000, part payment to be made in the donation of a site on which to erect the plant.

LOS ANGELES, Cal.—Willys-Overland Co. have purchased a site in the Central Mfg. District and will in the near future erect a large class A warehouse which will contain about 90,000 sq. ft. fl. space and will be used as a distributing plant and also for testing and assembling.

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and
Random Variegated Colors Tile Roofing
Composition Roofing
General Roof Repairing
Samples Submitted
180 Jessie St., San Francisco
Res. 4201 Mission St.
Phone Randolph 5982

FLATS

Contract Awarded.
FLATS Cost. $10,500
SAN FRANCISCO, N Fell 31-3 Clayton.
Two-story and basement frame flats.
Owner—Jos. M. Eltienne, 837 Folsom, San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—A. R. Larson, 246 Delano, San Francisco.

Contract Awarded.
FLATS Cost, $15,000
SAN FRANCISCO, NE Sanchez and 19th Streets.
Two-story and basement frame (4) flats.
Owner—J. E. Anderson, 31 Walter St., San Francisco.
Contractor—Niels Utoft, 67 Hamburgh St., San Francisco.

Contract Awarded.
FLATS Cost, $12,000
SAN FRANCISCO, W Powell 75-6 S Union.
Two-story and basement frame (2) flats.
Owner—C. Pronselino, 2011 Grant Ave., San Francisco.
Architect — Paul F. De Martini, 946 Broadway, San Francisco.
Contractor—Paul De Martini, 2869 Octavia St., San Francisco.

Contract Awarded.
FLATS Cost, $9700
SAN FRANCISCO, E Cook St. 162 N Geary.
Two-story & basement frame (2) flats.
Owner—Angelo Benedetti, 33 Cook St., San Francisco.
Contractor — G. Perroni & Sons, 1926 Filbert St., San Francisco.

Contracts Awarded.
FLATS Cost, $10,740
SAN FRANCISCO, E 19th Ave. 306 N Fulton.
All work except plumbing in 3-story frame building flats.
Owner—Wm. N. W. Warnke, 1521 Mason St., San Francisco.
Architect—Carl Geilfuss, 1056 Fulton St., San Francisco.
Contractor—O. C. Holt, 180 Jessie St., San Francisco.
Plumbing awarded to David Gibbs, 654 5th Ave., San Francisco.

Contract Awarded.
FLATS Cost, $14,300
SAN FRANCISCO, N Francisco 62-6 E Gough.
Two-story and basement frame (2) flats.
Owner—Dr. W. M. Burfeind.
Architect—A. J. Fabre and E. H. Hildebrand, 110 Sutter St., San Francisco.
Contractor—John Harder, 870 39th Ave. San Francisco.

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LOS ANGELES

Contract Awarded.
FLATS Cost, $10,000
OAKLAND, S Brooklyn 180 E Hanover.
Two-story 10-room flats.
Owner—G. A. & J. B. Hedberg, 5th ave. and E-11th St., Oakland.
Contractor—Bay Const. Co., 412 Madison St., Oakland.

GARAGES

To Be Done By Day's Work.
GARAGE Cost, $1500
SAN FRANCISCO, S Chestnut 75 West of Taylor St.
Private garage.
Owner—Peter Ferrari.
Architect—John K. Branner, 251 Kearny St., San Francisco.

Contract Awarded.
GARAGE ETC. Cost, $14,514
OAKLAND, E-14th St. & 40th Ave.
One-story brick public garage & auto sales bldg.
Owner—Mary Fuchs.
Lessees—Bell & Boyd.
Architect—E. W. Cannon, Central Bk. Bldg., Oakland.
Contractor—Murch-Williams Const. Co. Fox Bldg., Oakland.

Sub-Figures Being Taken.
GARAGE Cost, $75,000
SAN FRANCISCO S Eddy 234 W Taylor
Four-story and basement reinforced concrete public garage.
Owner—Jos. Pasqualetti, 785 Market St San Francisco.
Designer & Contr.—American Constr. Co., 785 Market St., S. F.
Reinforcing steel awarded to Gunn-Carle & Co., 444 Market St., S. F.
Grading to San Francisco Motor Drayage Co., 34 McDougal Court, S. F.
Sub figures are being taken on other portions of the work from a selected list of contractors.

SEATTLE, Wash.—Grant-Smith Co., Henry Bldg., Seattle, at approx. $150,000 awarded contract to remodel municipal auditorium for a garage structure; present walls of arena will be used. The main structure, 240 by 120-ft will be gutted and new footings poured in the existing foundation walls; conc. columns will be installed to sustain four garage floors which will be of sufficient strength to carry 2 additional stories.

BEVERLY HILLS, L. A. Co., Cal. — Archt. W. Asa Hudson, room 9, Woods-Beekman Bldg., Beverly Hills, is preparing plans for a 1-story brick auto sales and garage bldg. to be erected by the N. W. Burns Co., Beverly Hills, at Brighton Way and Canon Dr. Beverly Hills for Merrill & White. Found. 100 by 150 ft. stucco exterior, tile and comp. rf., steel sash, skylights, cement floors, plate glass.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C. — House and River's Committee approves request for expenditure of $2,000,000 for breakwater improvements at Hilo Harbor, Hawaii.

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Plans Being Figured—Bids Close Apr. 17, 1924, 11 a. m.
EXTENSION Cost, $60,000
DEL MONTE, Monterey Co., Cal.
Extension to Del Monte Training Camp (mess halls, store houses, sewer and water systems, etc.)
Owner—U. S. Government.
Architect—Constructing Quartermasters Office, Fort Mason.
See call for bids under official proposals.

SAN DIEGO, Cal.—Until April 23, bids will be rec. by public works officer, 11th naval dist., San Diego, for installation of one 12-pile dolphin, repairing two existing dolphins, adding fender systems to two existing dolphins and installing fender system along the quay wall at the destroyer Base, San Diego. Deposit, $10 for plans. Spec. 4947. Dewitt C. Webb, commander

WASHINGTON, D. C.—Until May 1, 10:30 a. m., under Circular No. 1602, bids will be rec. by Purchasing Officer Panama Canal, to fur. and del. Balboa (Pacific Port): iron and steel, steel and manila rope, motors, motorcycles, iron and steel pipe, files, reamers, taps sheet copper, tubing (brass, copper and steel), wire, magnesia pipe covering, tiles, fire bricks, pitch, calcium chloride, calcium carbide, ferromanganese, powdered graphite, babbitt, sheet lead, solder, cable reel trailers, invalid chairs, shovels, vises, wrenches, nails, chain, hacksaw blades, barium sulphate paints, varnishes, linseed oil, turpentine. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

KETCHIKAN, Alaska—Charter Gas Engine Co., Sterling, Ill., at $2703 awarded cont. by Cape Spencer Lighthouse Supt. to fur. 2 fog signal engines f. o. b. Sterling, Ill.

KETCHIKAN, Alaska—Pennsylvania Pump and Compressor Co., Easton, Pa., at $1137, f. o. b. Easton, Pa., awarded cont. by Cape Spencer Lighthouse Supt to fur. 2 air compressors.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, Washington, D. C., to furnish materials for Navy Yards as follows; date for opening bids as noted at close of each paragraph:

Schedule 2063, for Puget Sound, 2 turbo-generators and 1 set of spare parts, April 29.
Sched. 2070, for San Diego, 200 lbs. copper wire, 300 lbs. phosphor bronze wire and 75 lbs. lead wire, April 29.
Sched. 2072, for Mare Island, 3000 lbs sheet copper; for Puget Sound, 15,000 lbs do, April 29.
Schedule 2073, for eastern and western yards, catches, hinges, locks, etc., April 29.
Sched. 2077, for Puget Sound, 10,000 ft. b m white ash, April 29.
Sched. 2078, for eastern and western yards, wire and cable, April 29.
Sched. 2081, for Puget Sound, 1900 lbs. copper tubing and 800 ft. steel tubing, April 29.
Schedule 2082, for Puget Sound, 200 lbs. linen boot thread, April 29.
Sched. 2083, for Puget Sound, 5000 sq. ft. magnesia block, April 29.
Sched. 2084, for Mare Island, 1200 lbs monel metal, May 6.
Schedule 2085, for Mare Island, 4000 padlocks, May 6.

SAN FRANCISCO — Following bids rec. by U. S. Engineer Office, 85 2nd St., to fur. 1 duplex double acting pump
Hunt, Mirk & Co., Inc., San Francisco $1668.80; 90 days.
Dow Pump and Diesel Engine Co., Alameda, Calif., $437.50; 8 days.
Wagener Steam Pump Co., Canton, Ohio, $835; 14-21 days.
Gardner Governor Co., San Francisco, $134.45, deliver from factory stock from Quincy, Ill., approximately 2 weeks; alternate, $690.50; allowance of $25 to be made for removal of air chamber; shpt 3-4 weeks.
Smith-Booth-Usher Co., San Francisco, $870, 40 days; alternate, $950.
Western Engineering Co., San Francisco, $973.80, immediate delivery.

SAN FRANCISCO—J. A. Costello Jr., 561 Market St., at $3022 awarded cont. by Constructing Quartermaster, Fort Mason, to const. conc. floor, etc., for hanger building in Crissy Field.

PUGET SOUND, Wash—Until April 23, bids will be rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C. under Specification No. 4860, for subsurface magazine at Puget Sound Navy Yard; deposit of $10 required for plans, obtainable from Bureau.

TUSCON, Ariz.—Until May 15, 11 a. m., bids will be rec. by Director of U. S. Veterans' Bureau, 791 Arlington Bldg., Washington, D. C., for construction, mechanical equipment and finishing complete equipment and finishing complete of 1 occupational therapy building and 2 bath houses, alterations to and addition to mess hall at Veterans' Hospital No. 51 at Tucson. Building will be of frame construction with concrete foundation, plumbing and electric work and outside service connections. Deposit of $5 required for plans, obtainable from above office.

SAN FRANCISCO—Until May 1, bids will be rec. by Supervising Architect Treasury Department, Washington, D. C., to erect quarantine station at San Francisco. Plans obtainable from above office.

SAN FRANCISCO—Until May 1, bids will be rec. by Supervising Architect, Treasury Department, Washington, D. C., to erect one-story frame building, approx. 42 by 66 ft., for steerage barracks at U. S. Quarantine Station (Angel Island). Plans obtainable from above office.

HALLS AND SOCIETY BUILDINGS

Completing Plans—Sub-Figures To Be Taken In About a Month.
CLUB & STORE Cost, $—
OAKLAND, Alameda Co., Cal., Clay St. bet. 12th and
Six or 8-story class A club and store.
Owner—Athens Athletic Club.
Architect—Wm. Knowles, Central Bk. Bldg., Oakland.
Contractor—MacDonald & Kahn, 130 Montgomery St., S. F.

Bids To Be Called For In Two Weeks.
TEMPLE BLDG. Cost, $100,000
ALAMEDA, Alameda Co., Cal., Alameda Ave. adj. present temple.
Class A Masonic Temple bldg.
Owner—Masonic Hall Assn.
Architect—Carl Werner, Santa Fe Bldg San Francisco.
The directors of the Masonic Hall Association are B. S. FcFarland, president; D. W. Martin, vice president; Judge Elmer E. Johnson, secretary; with J. H. Sheeran, Fred Perryman, Wynn Meredith and Major C. L. Tilden.

Plans Being Prepared.
GYMNASIUM BLDG. Cost, $40,000
STOCKTON, San Joaquin Co., Cal., Lower Sacramento Road.
Two-story frame temporary gymnasium building.
Owner—College of the Pacific.
Architect — Davis-Heller-Pearce Co., Delta Bldg., Stockton.
Contractor—R. W. Moller, Call Bldg., San Francisco.

Bids Being Held Under Advisement.
COUNTRY CLUB Cost, $50,000
HAYWARD, Crow Canyon Road off Dublin Highway, 726 acres.
One-story frame and stucco country club.
Owner—East Bay Country Club.
Architect—W. A. Doctor, 388 12th St., Oakland.

AVALON, Catalina Island — Archt. Harry K. Vaughn, Rm. 311 S Flower St., has completed plans for a yacht club to be erected at Avalon, Catalina Island, for the Catalina Yacht Club; G. Benton Wilson, admiral; it will have ballrm., dressing rooms, rest rooms, lounging rooms, etc. Frame constr., wood piling, 1-story, shake exter., shingle rfg., hardw., comp. and pine fls., gas steam rads., pine trim, ant. water htr. The Catalina Island Co. will erect the bldg. under the supervision of the archt.

LOS ANGELES, Cal.—A. L. Rogelmair, 358 New High St., has completed plans and is taking segregated bids for a 4-story class C Masonic temple to be erected at s.e. cor. Moneta and 59th Sts. There will be 6 stores on first floor, and 3 offices on second floor, banquet room to seat 250, kitchen, reception room, clubrooms, ladies' lounge, lodge room, rest rooms, stage. Four story, 124 by 50 ft., brick walls, press. brick facing, Pioneer rfg. or equal, terra cotta trim, struc. steel, hot air htg. system, metal skylights, tile, hardw. and pine fls., plate glass, orn. iron, fire escapes, electric elevator; $100,000.

LA CRESCENTA, L. A. Co., Cal. — Archt. Elmer Grey, 622 Bank of Italy Bldg., is preparing plans for an auditorium and library bldg. and dormitory bldg., to be erected at La Crescenta, for Ananda Ashrama, a religious organization; the auditorium will have a seating capacity of about 225 people and the dormitory will have 13 rooms and 9 baths and toilets. The bldgs. will be of conc. constr. with field stone exter. from site, plastered, tile rfg., brick and hardwd. fls., gas htg., water htr., etc. Mr. Grey desires to get in touch with a superintendent who lives in the vicinity of La Crescenta and who is familiar with stone work, to act as superintendent and general foreman for the above work.

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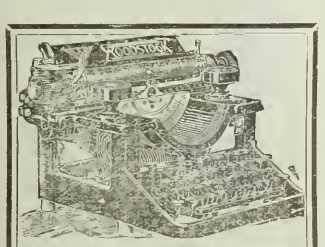

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DIRECT FACTORY BUYERS

SAN DIEGO, San Diego Co., Cal. — Great Western Bldg. Co., San Diego, has the contract at $33,377 to erect a dormitory bldg. at San Diego, for the Helping Hand Society. T. C. Kistner Co., 316 Pantages Theater Bldg. and 537 Spreckels Bldg., San Diego, archts. It will have sleeping rooms, dining room, kitchen, reading and study rooms etc.; hollow tile walls, 1-story and part 2-story, cem., pine and hard hardwood flrs., comp. rfg., steam htg. system, pine trim. Plumbing & heating was awarded to Rhode Bros., San Diego at $8705

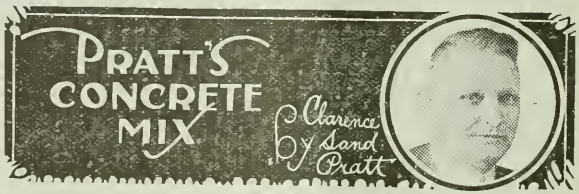
LOS ANGELES, Cal.—Macdonald and Driver, 526 Douglas Bldg., were low bidders at $486,546 on the general contract for erecting a class A bldg. for the Women's Athletic Club on Flower St., bet. 8th and 9th Sts.; Allison & Allison, 1405 Hibernian Bldg., archts. Low bidders on other contracts were: Brooks Art Stone Corp., $10,750 on cast stone; Bly Bros. Stone Co. on Tufa stone at $21,100; California Cornice Works on sheet metal work at $25,250; Standard Roof Co. on Comp. rfg. at $687; B. V. Collins on marble and tile work at $25,650; Hammond Lumber Co. on hardwood floors at $2170; L. A. Art Glass Co. on art and leaded glass at $2890; McKinley Bros. on painting at $10,491.60; Hammond Lumber Co. on hardware at $11,995; Baker Iron Works on elevators at $25,570; B. C. Nichols Elec. Co. on wiring at $18,500; Coker & Taylor on plumbing at $74,871; L. Z. Brown on heating at $47,717; Gay Engineering Co. on refrigerating system at $13,377, and C. L. Passmore on tile roofing at $450. The bldg. will be 7-story and basement, 150x157 ft., reinf. conc. construction, stucco exter., cast stone trim, etc. The bids were: General contract—Macdonald & Driver, $486,-546; Kinne & Westerhouse, $494,000; North Pacific Construction Co., $494,-325; Hennessey Bros. & Co., $506,885; Wurster Construction Co., $512,195; John Simpson & Co., $519,970; William Simpson Construction Co., $520,000; Anton Johnson Co., $529,390; Lange & Bergstrom, $542,000; Winter Construction Co., $553,355; Weymouth-Crowell Co., $571,600. Art stone—Brooks Art Stone Corp., $10,750; Rackle Stone Co., $11,950; McGruer & Simpson, $13,915; California Staff & Stone Co., $14,120; Spanish-American Fine Arts Stone Co., $14,750; Ferris Bros. & Hart Stone Co., $16,955. Tufa stone—Bly Bros. Stone Co., $21,100. Sheet metal work—California Cornice Works, $25,250; National Cornice Works, $32,775. Composition roofing—Standard Roof Co., $687; Atlas Roof Co., $793; Angeles Roof, Paper & Paint Co., $850; Warren & Bailey Co., $895; Owens Roofing Co., $900; Hill-Hubbell Co., $973.85. Marble and tile work—B. V. Collins, $25,650; Joseph Musto Sons-Keenan Co., $27,395; Geo Weifenbach Co., $28,195. Hardwood floors—Hammond Lumber Co., $2170; T. B. Rice Floor Co., $2328; G. W. Kingcade Co., $2445; National Floor Co., $2630; American Floor Co., $2630. Art and leaded glass—L. A. Art Glass Co., $2890. Painting—McKinley Bros., $10,-491.60; R. P. Tuttle Co., $10,942; Alhambra Wall Paper & Paint Co., $11,-327; D. Zelinsky & Son, $11,361; E. Drawbaugh, $12,250; Parker-Judge Co., $12,770; A. Quandt & Sons, $13,945; H. H. Mann, $15,960. Hardware — Hammond Lumber Co., $11,995; Union Hardware & Metal Co., $12,750; Bennett-Montgomery Co., $13,744. Elevators — Baker Iron Works, $25,570; Kimball Bros. Co., $26,910; Otis Elevator Co., $28,900; Llewellyn Iron Works, $30,500. Electric work—Nichols Elec. Co., $18,-500; Gans Bros., $18,992; Geo. L. Patterson, $19,673; Electric Lighting Supply Co., $19,971.30; Graham Electric Co., $21,977; H. H. Walker, $23,000; Langstaff Electric Shop, $23,485; Woodill-Patterson Co., $24,163; Newbery Electric Corp., $24,559. Plumbing—Coker & Taylor, $74,871; Lohman Bros., $76,789; F. D. Reed Plumbing Co., $77,109; G. C. Sutton, $79,000; W. P. McArthur, $79,-300; Thos. Haverty Co., $85,600; Hickman Bros., $100,453. Heating — L. Z. Brown, $47,717; Thos. Haverty Co. $49,-200; H. S. McClelland, $49,540; Hickman Bros., $52,000; Munger & Munger, $54,-310; L. Lehman Bros., $57,795; Hoagland-Lakin Co., $58,700; G. C. Sutton, $59,200; W. P. McArthur, $59,900; Coker & Taylor, $67,451. Refrigeration—Gay Engineering Co., $13,377; Ward Refrigerator & Manufacturing Co., $13,900; Carbondale Machinery Co., $14,673; Baker Ice Machine Co., $15,560; O. J. Weber Co., $19,063.77. Tile roofing—C. L. Passmore $150. Lohman Bros. submitted a bid at $134,000 for plumbing and heating combined; Coker & Taylor bid $139,682.

HOSPITALS

STOCKTON, San Joaquin Co., Cal.—Until May 6, bids will be rec. by Eugene Graham, county clerk, to install fire and water system at county hospital; also for installation of deep well turbine pump. Plans on file in office of clerk.

SANTA ANA, Orange Co., Cal.—I. J. Owens is reported to have associated with himself two or three prominent Santa Ana physicians with the object of erecting a 100-room sanitarium on a 3-acre tract of land owner by him at the east end of Owens Dr., n. of Main St. bridge. The proposed structure will be of Spanish design to resemble as little as possible existing types of sanitariums.

RENO, Washoe Co., Cal.—Until May 19, 10 a. m. bids will be rec. by E. H. Beemer, county clerk, to install 2 oil murners of ample capacity, protected by automatic no voltage release switches, one to be installed in fire-



AT SUNRISE or 5:20 A. M.
ON SUNDAY next.
WHILE THE good citizens.
OF AUBURN are marching.
TO THE head.
OF THE American River canyon.
OR CHICO makes it's pilgrimage.
OR THE Marysville folks.
JOIN THE Colusa people.
AT THE Marysville Buttes.
CLARENCE SAND Pratt, President.
OF THE Pratt Building Material Co
AND PRODUCER.
OF CRUSHED rock, gravel.
AND CLEAN, sharp sand.
WILL BE on top.
OF MT. Davidson.
NEAR BEAUTIFUL Westwood Park.
WHERE SANDY Pratt is "Mayor."
TO SEE the sunrise.
AND WORSHIP.
WITH THE good people.
OF SAN Francisco.
UNDER A sixty-foot cross
ON TOP of the highest point.
IN SAN Francisco.
AND WHILE Sandy Pratt.
WILL BE in San Francisco.
THE AUBURN people will view.
THE BEAUTIFUL American River.
MAJESTICALLY WENDING it's way.
DOWN A deep canyon.
TOWARD SACRAMENTO.
WHERE SANDY Pratt.
HAS A sand loading plant.
ON THIS American River.
AND THIS same stream.
PASSES NEAR Prattrock.
HOME OF Sandy Pratt's plant.
WHERE SANDY'S rock and gravel.
IS CRUSHED and shipped.
TO NORTHERN and central California.
ALSO MANY.
OF THE Marysville people.
WILL CROSS the Yuba River.
IN THEIR pretty city.
WHERE SANDY Pratt.
PRODUCES MARYSVILLE concrete sand.
SAID BY many.
TO BE the best sand.
FOR CONCRETE.
IN ALL California.
"I THANK you."

On Easter morning in Colusa, Auburn, Marysville and Chico the citizens will hear the call for the sunrise Easter service. Sandy Pratt, President of the Pratt Building Material Co. of Sacramento, Marysville, Prattrock (near Folsom), San Francisco and Prattco (Monterey County) will go to the top of Mt. Davidson near his bungalow home in San Francisco.

box of steam heating boiler and one to be installed in fire box of water at county hospital.

Separate bids to furnish and install, connected to burners, one 1500-gal. steel oil storage tank. Bidders to furnish specifications for burners and tank. **See call for bids under official proposal section in this issue.**

TUCSON, Ariz.—Until 11 a. m., May 15, bids will be rec. by the director U. S. veterans' bureau, 791 Arlington Bldg Washington, D. C., for construction, mechanical equipment and finishing complete of 1 occupational therapy building and 2 bath houses, alterations to and addition to mess hall at the veterans' hospital No. 51, Tucson, Ariz. Building to be frame construction with concrete foundation, plumbing and electric work and outside service connections. Deposit of $5 required for plans and specifications.

HOTELS

LOS ANGELES, Cal.—William Poulsen, 2623 San Marino St., has the contract to erect a 4-story class C store and hotel bldg. at n.e. cor. of 9th and San Pedro Sts., L. A., for Monteleone Bros., 806 Security Bldg., L. A. It will contain 69 rooms; dimensions, 44x139 ft brick walls, press. brick facing, structural steel, plate glass, comp. rfg., fire escapes, metal skylights, metal sash, pine trim, elevator, tiled baths, steam htg.; $75,000.

BISHOP, Inyo Co., Cal. — E. T. Albright has the contract and has started work on a hotel for W. Wilkerson. Est. cost $80,000. Work is to be completed by August 1.

LONG BEACH, L. A. Co., Cal.—Stradley & Newton, Detwiler Bldg., L. A., have the contract at $1,081,999 to erect a 7-story class A hotel bldg. at 2300 Ocean Ave. for the Long Beach Hotels Co., Inc., headed by D. M. Linnard and Chas. E. Moore; it will have 300 rooms with 100 per cent baths, lobby, dining room kitchen, card room, lounges, etc. Reinf. conc. constr., 7-story and basement, dimensions 247x260 ft., art. stone and press. brick facing, comp rfg., steam htg. sys., 6 elec. elevators, mech. ventilating sys., plate glass, tiled baths, pine and hardw. trim, steel sash, vacuum cleaning sys., marble and tile in lobby, refrigerating sys. Myron Hunt and H. C. Chambers, 1107 Hibernian Bldg., and W. Horace Austin, 525 Pacific Southwest Bldg., Long Beach, assoc. archts.

OROVILLE, Butte Co., Cal.—W. L. Hogan and Co., of San Francisco, has purchased entire frontage in Meyers St., bet. Bird and Robinson Sts., and contemplates erection of modern hotel building. Site has frontage of approx. 266 ft.

TIA JUANA, Mexico—A Los Angeles syndicate is reported to have acquired a site on Calle Paniente Primea and is having plans prepared for a 4-story modern hotel costing $300,000 which is to be erected on the site. It will contain approx. 200 rooms, with roof garden, dining room, card rooms, etc., and other features appealing to high class patronage. The plan is said to have been approved by Gov. Rodriguez. The name "American Hotel" has been chosen and work will start as soon as possible.

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POMONA, L. A. Co., Cal—R. W. Fiske of Pasadena is in charge of the organization campaign for a new hotel bldg. to be erected at n.e. cor. Holt and Towne Aves. This project is being promoted by C. B. Afterbaugh, W. A. Booth, Morris H. Wilson, W. A. Kennedy and G. Earl Clark. The proposed bldg., which is estimated to cost $250,000, will be a combined hotel and apt. bldg. The promoters hope to get work started by June 1.

CARMEL, Monterey Co., Cal.—Mrs. Lotta A. Shipley of Carmel has filed an application with the city clerk of Carmel for a permit to construct a $250,000 hotel building on her property at the southwest corner of the intersection of Ocean avenue and San Antonio.

The architect has not been selected according to a statement biven by Mrs. Shipley.

LOS ANGELES, Cal.—Luther T. Mayo 531 Black Bldg., has the contract to erect a 3-story store and hotel bldg., on the n.w. cor. of Vine St. and Eleanor Ave., for Seward Cole. There will be 8 stores, 52 rms., large lobby, 3-story, 150x110 ft., brick walls, press. brick facing, art stone trim, struc. steel, tile and comp. rfg., gas rad. htg., 50% tile baths, tile, cem. and hardwd. fls., hardwood and pine trim, fire escapes, ornamental iron, plate glass; $110,000.

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CAMP BALDY, L. A. Co., Cal.—O. L. Grimsley, 4100 S Vermont Ave., has leased a 40-acre tract and has applied to the federal government for permission to erect a large hotel and about 20 cabins on the summit of Mt. San Antonio (Mt. Baldy). He also proposes to build a toll road from Manker flats, a distance of about 15 miles; a road is now being built by the United States Forest Service from Camp Baldy to that point. The hotel will cost about $30,000, and will contain 30 rooms with dining room, kitchen, baths, lobby, and the cabins will each have 2 rooms. The hotel will be of conc. and boulder construction, 3-story maple and pine fls., Spanish tile rfg., oil burning steam htg. sys., large fireplace; the cabins will be of frame constr., shingle rfg., etc. Mr. Grimsley will also erect a large radio broadcasting and receiving station in the hotel if permission can be obtained.

ICE AND COLD STORAGE PLANTS

Plans Being Figured.
RESIDENCE Cost, $15,000
OAKLAND, Near Lake Merritt.
Two-story frame and stucco residence.
Owner — Dr. C. J. Frederick, Easton Bldg., Oakland.
Architect — Wythe & Blain, Central Bank Bldg., Oakland.
Figures are being taken for a general contract.

Plans Being Figured.
RESIDENCE Cost, $15,000
SACRAMENTO, Cal.
Two-story frame and brick veneer residence with tile roof (8 rms).
Owner—W. Thester.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.

Preliminary Plans Being Prepared.
RESIDENCE Cost, $15,000
PIEDMONT
Two-story and basement frame and stucco Spanish residence.
Owner—Withheld.
Architect—Chas. W. McCall, Central Bank Bldg., Oakland.

Figures To Be Taken In Ten Days.
RESIDENCE Cost, $10,000
OAKLAND, Lakeshore Highlands.
Two-story frame and stucco residence with tile roof.
Owner—Withheld.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

POWER PLANTS

SAN FRANCISCO — Until April 30, bids will be rec. by Bd. Pub. Wks. to fur. and del. electric motors for Bay Pulgas Pumping Plant, Hetch Hetchy project; est. cost $6000. Plans obtainable from Bureau of Engineering, 3rd floor, City Hall.

SAN FRANCISCO — Westinghouse Elec. and Mfg. Co., awarded cont. by Bd. of Pub. Wks. to fur. and del. items 1, 2, 3, 4 and 7-b, transmission line hardware for Hetch Hetchy project, at $11,425.91. Western Electric Co. awarded item 6-b at $4897.80.

SAN FRANCISCO—Pacific Gas and Electric Co., 445 Sutter St., authorized by State Railroad Commission to issue not less than 92½% of their face value $12,500,000 refunding mortgage gold bonds, same to be used in improvements and extensions to system.

CALIFORNIA—See "Irrigation Projects," this issue. Applications filed with and permits issued by State Department of Public Works, Division of Water Rights, for water appropriations.

PACIFIC WAX-DYE CO.
Manufacturers of Specialties
Paints, Waxes, Dyes, Polishes
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LOS ANGELES, Cal.—Southern California Edison Company authorized by State Railroad Commission to sell at not less than $90 per share $10,000,000 par value of six per cent preferred stock Series "B," the proceeds to finance extensions, additions and betterments to plants and properties.

LOS ANGELES, Cal. — Application made to U. S. Engineer Office by Bureau of Power and Light of city of Los Angeles for permission to lay 3 submarine power cables at a depth of 40 feet at mean lower low water across the entrance to the West Basin, Los Angeles Harbor, westerly of the Southern Pacific railroad bridge.

PUBLIC BUILDINGS

Sub Contracts Awarded.
POST OFFICE Cost, $100,000
OAKLAND, 16th and Willow Sts.
One-story brick and concrete post office building.
Owner—Oakland Bldg. & Mfg. Co., 308 12th St., Oakland.
Contractor—Schuler & McDonald, 308 12th St., Oakland.
Plumbing and heating awarded to The Scott Co., 381 11th St., Oakland.
Electrical work to Spencer Electric Co. 320 12th St., Oakland.

Plans Being Prepared.
ADDITION Cost, $45,000
PIEDMONT.
Two-story frame and stucco addition to city hall and fire house.
Owner—City of Piedmont.
Architect—Meyer & Johnson, 742 Market St., San Francisco.

Contract Awarded.
ENGINE HOUSE Cost, $9978
OAKLAND, Gore, Foothill Blvd. and Trenor.
One-story brick engine house.
Owner—City of Oakland.
Contractor—F. W. Maurice, 1362 E 25th St., Oakland.

LOS ANGELES, Cal. — Gans Bros. submitted low bid to county supervisors April 14, at $69,442 for electrical work for Hall of Justice Bldg., N Broadway, Temple and Buena Vista Sts. Other bids were: J. C. Rendler, Inc. $69,888; Geo. L. Patterson, $72,951; El. Lighting & Supply Co., $73,720; H. H. Walker, $76,460; Foulkes Elec. Co. $79,-365; American Elec. Constr. Co., $79,-567.13; Newbery Elec. Corp., $84,970; Golden State Elec. Co., $87,248; Woodill Patterson Co. submitted a bid without bond or check—not declared.

SAN FRANCISCO—The following is a list of the lowest bids received on April 16, 1924 by the Board of Public Works of the City and County of San Francisco to complete 2 floors and basement of building in Mint Ave. bet. 5th and 6th Sts., to be used as fire truck station and headquarters for assistant chief of the Fire Department.
General contract to Henry J. Mahony, Flood Bldg., S. F. at $26,155.
Electrical work to L. F. Flatland, 1959 Mission St., S. F. at $3100.
Hot water heating to F. J. Edwards, 351 12th St., Oakland at $3177.
Plumbing work to A. Lettich, 365 Fell St., S. F. at $5238.

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3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

FAIRFIELD, Solano Co., Cal.—Until April 21, 11 a. m., bids will be rec. by G. G. Hallday, county clerk, to fur. and install sprinkler system at county hospital grounds. Bidders are to furnish specifications. Further information obtainable from clerk.

SACRAMENTO, Cal.—Until April 24, bids will be rec. by H. G. Denton, city clerk, to lay hardwood floors in annex of Crocker Art Gallery.

PASADENA, L. A. Co., Cal.—Archts. Marston, Van Pelt & Maybury, 35 Euclid Ave., Pasadena, have been commissioned to prepare plans for the new branch public library to be erected on Hill Ave., near Colorado St., Pasadena, for the Pasadena Library Board.

STOCKTON, San Joaquin Co., Cal.—County Purchasing Agent authorized by supervisors, Eugene Graham, clerk, to purchase four motors to be installed in county hospital; one 20 h. p., one 3h. p. and two 1 h. p.

SAN BERNARDINO, Cal.—Associated Telephone Co., authorized by State Railroad Commission to sell $125,000 of stock to finance purchase of equipment and erection of new phone exchange.

STOCKTON, San Joaquin Co., Cal.—Until May 6, bids will be rec. by Eugene Graham, county clerk, to fur. and install fire escapes on county courthouse. Ralph P. Morrell, architect, Union Bldg., Stockton. Plans on file at office of clerk.

BEVERLY HILLS, L. A. Co., Cal. — W Asa Hudson and Sumner P. Hunt, assoc. archts., are completing plans for the new Beverly Hills city hall to be erected at Burton Way and Crescent Dr., Beverly Hills. Two-story and basement, brick construction. Found. 40 by 140 ft., reinforced concrete 1st floor, face brick exter., vault, fire engine quarters, council chamber, jail, city engineer and building departments, city clerk's office, steam heating.

SAN FRANCISCO—Until April 30, 3 p. m., bids will be rec. by Bd. Pub. Wks to construct Engine House No. 29 for Fire Department in Division St., bet. 10th and 11th Sts. Segregated bids are wanted for (1) general contract, est. cost $60,000; (2) plumbing, $6000; (3) electric work, $2000. Plans obtainable from Bureau of Architecture, 2nd floor, City Hall. Plans were prepared by Architects Meyer & Johnson, Bankers Inv. Bldg.

RESIDENCES

Plans Being Figured.
RESIDENCE Cost, $13,000
SAN FRANCISCO, Jackson bet. Lyon and Presidio Ave.
Two-story and basement frame and plaster residence (8 rooms, 3 baths private garage).
Owner—Withheld.
Architect—Erle J. Osborne, 593 Market St., San Francisco.

Contract Awarded.
DWELLING Cost, $12,426
SAN MATEO, Lot 21 Laurel Ave.
Dwelling and garage.
Owner—R. W. Kern, 280 30th Ave., San Francisco.
Contractor—S. A. Born. Glazenwood, San Mateo.

Plans Being Prepared.
RESIDENCE Cost, $30,000
SAN FRANCISCO, West Clay Park.
Two-story and basement frame and stucco residence.
Owner—Edward G. Cahill, Sharon Bldg San Francisco.
Architect—Weeks & Day, 315 Montgomery St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $30,000
STOCKTON, San Joaquin Co., Cal. Lower Sacramento Road.
Two-story and basement brick residence for president (terra cotta trimming).
Owner—College of the Pacific.
Architect — Davis-Heller-Pearce Co., Delta Bldg., Stockton.
Contractor—R. W. Moller, Call Bldg., San Francisco.

Plans Complete.
RESIDENCE Cost, $10,000
BURLINGAME, L 24 Blk 47 Drake Ave.
Residence and garage.
Owner — F. M. McIntosh, 1435 Drake Ave., Burlingame.

Contract Awarded.
RESIDENCE Cost, $39,000
SAN FRANCISCO, Sea Cliff.
Two-story and basement frame and stucco residence (about 15 rooms and 3 bath rooms).
Owner—Mr. and Mrs. Howard Brickel.
Architect — Miller & Pflueger, Lick Bldg., San Francisco.
Contractor—William Martin, 180 Jessie St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $14,000
SAN FRANCISCO. Eighth Ave. and Linares, Forest Hill.
Two-story frame and stucco residence.
Owner—C. Schubert.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $9000
BERKELEY, 2938 Russell St.
Two-story 8-room residence and garage.
Owner—Roberta Y. Hill, 3145 College Ave., Berkeley.
Architect—None.
Contractor—Louis Engler, 2940 Forest Ave., Berkeley.

Contract Awarded.
RESIDENCE Cost, $—
SAN FRANCISCO, NE Arguello Blvd. & Jackson Street.
Two-story and basement frame residence.
Owner—Julius Behrend, 274 Funston Ave., San Francisco.
Architect — Alfred Henry Jacobs, 110 Sutter St., San Francisco.
Contractor—James Jensen, 354 Pine St. San Francisco.
General contract to James Jensen, 354 Pine St., $18,240.
Plumbing to Wm. J. Forster Co., 670 Howard St., $2389.
Painting to D. Zelinsky & Sons, 165 Grove St., $1596.

To Be Done By Day's Work.
RESIDENCE Cost, $10,000
BERKELEY, Southampton Ave.
Two-story English style residence.
Owner—Mr. Taylor.
Architect—L. H. Ford, East Bay Planers, 306 14th St., Oakland.

Plans Being Figured.
RESIDENCE Cost, $12,000
LOS ALTOS, Santa Clara Co., Cal.
Two-story 9-room frame residence.
Owner—Mrs. H. C. Lunt.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., San Francisco.
Figures are being taken for a general contract.

Plans Being Figured.
RESIDENCE Cost, $15,000
SAN FRANCISCO, St. Francis Wood.
Two-story frame 8-room residence.
Owner—A. R. McCullough.
Architect—W. H. Crim Jr. & Hamilton Murdock, 425 Kearny St., San Francisco.
Figures are being taken for a general contract.

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Plans Being Figured.
RESIDENCE Cost, $12,000
SAN FRANCISCO, Ashbury Terrace.
Two-story and basement 7-room frame residence.
Owner—Wm. J. Helmquest.
Architect—W. H. Crim Jr. & Hamilton Murdock, 425 Kearny St., San Francisco.
Bids are being taken for a general contract.

BEVERLY HILLS, L. A. Co., Cal. — S. M. Benet & Co., 416 Beverly Dr., Beverly Hills, have the contract to erect a $37,500 2-story 16-room frame dwelling at 805 Alpine Dr., Beverly Hills, for the Ratterree Land Co., Inc., 501 N Normandie Ave., L. A. Frederick Kennedy, Jr., 23 E Green St., Pasadena, archt. Found. 66x92 ft., stucco exter., tile and comp. rf., tile entrance hall, breakfast room and terrace floors, 4 tile baths, cast stone and orn. iron trim, intercommunicating telephones, unit heating.

TULARE, Tulare Co., Cal.—A. May has applied to the city bldg. dept. for a permit to erect a $35,000 cem. block dwlg. on South O St.

REDONDO, L. A. Co., Cal. — E. L. Olmstead of La Brea, has completed arrangements for the erection of 30 houses in Redondo. Mr. Olmstead already owns the lots.

PASADENA, L. A. Co., Cal.—W. A. Taylor & Son, 1040 N Lake Ave., Pasadena, have the contract at $26,800 for erecting a 2-story 9-room hollow tile veneer dwlg. at San Rafael Ave. and La Loma Rd., Pasadena, for William Leithed, Cyril Bennett and Fitch H. Haskell, 600 Security Bldg., Pasadena, assoc. archts. Stucco exter., tile rf., cem. terraces, 3 tile baths, 4 tile mantels, hardwd. fls., mahogany, sycamore, oak and enamel trim, unit heating, garage with gardeners quarters.

SCHOOLS

Plans To Be Ready For Figures Next Week.
GYMNASIUM ETC Cost, $25,000
CORNING, Tehama Co., Cal.
One-story frame gymnasium and alter basement of high school.
Owner—Corning High School District.
Architect — Woollett & Lamb. Mull Bldg., Sacramento.

Completing Plans—Figures To Be Taken in About Two Weeks.
SCHOOL Cost, $65,000
SACRAMENTO, Sacto. Co., Cal., 9th and F Streets.
Two-story brick grammar school with auditorium.
Owner — Roman Catholic Archbishop (Father Thos. Horgan).
Architect—Dean & Dean, City Library Bldg., Sacramento.

Sub Contracts Awarded.
SCHOOL Cost, $150,000
PIEDMONT, Alameda Co., Cal.
One and 2-story reinforced concrete Junior High School.
Owner—Piedmont School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
General Contractors — Hannah Bros., 142 Sansome St., San Francisco.
Steel to Badt-Falk, Call Bldg., San Francisco, $9000.
Concrete to J. H. Fitzmaurice, 698 Walla Vista, Oakland, $24,000.
Lumber to J. H. McCallum, 748 Bryant St., San Francisco.

Bids Being Held Under Advisement.
SCHOOL Cost, $75,000
SAN JOSE, Santa Clara Co., Cal., E Santa Clara Ave. and 9th St.
Two-story brick and frame class C parochial school building.
Owner — Roman Catholic Archbishop. (Father Richard Collins, Pastor of St. Patrick's Church).
Architect—Chas. J. I. Devlin, Pacific Bldg., San Francisco.
Bids were taken about a year ago but ran too high and construction was postponed. Bids were taken for a general contract.

Plans Complete.
SCHOOL & OFFICE Cost, $30,000
SAN FRANCISCO, Cor. Grove and Buchanan Streets.
One-story class C brick private school and office.
Owner—Hebrew Free Loan Assn., 745 Laguna St., San Francisco.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

Plans Ready For Figures.
SCHOOL Cost, $80,000
HANFORD, Kings Co., Cal.
One-story brick intermediate school (8 rooms and auditorium).
Owner—Hanford School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Figures To Be Taken Next Week.
SCHOOL Cost, $50,000
KELSEYVILLE, Lake Co., Cal.
One-story reinforced concrete high school.
Owner—Kelseyville Union High School
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Plans Complete.
BOYS' DORMITORY Cost, $80,000
STOCKTON, San Joaquin Co., Cal.
Two-story brick and terra cotta boys' dormitory.
Owner—College of the Pacific.
Architect — Davis-Heller-Pearce Co., Delta Bldg., Stockton.
Contractor—R. W. Moller, Call Bldg., San Francisco.
Construction to start immediately.

SAN FRANCISCO—Board of Supervisors reject bids to furnish chairs for school department and it is probable that new bids will be asked.

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STOCKTON, CALIFORNIA

Working Drawings Being Prepared.
SCHOOL BLDGS. Cost, $760,000
SAN JOSE, Santa Clara Co., Cal.
Two 2-story reinforced concrete junior high school bldgs.
Owner—San Jose High School District.
Architect—W. H. Weeks, 369 Pine St., S. F. and Binder & Curtis, Binder Bldg., San Jose.
Bonds have been voted.

LOS ANGELES, Cal.—J. A. Hill Construction Co., 1749 W 23rd St., was awarded the general contract at $73,500 for erecting a 3-story brick school bldg. at Virginia Road school site. Other contracts were awarded as follows: Heating to Hickman Bros. at $7062.90; painting to Parker-Judge Co. at $2079; and wiring to H. H. Walker at $2598.

LOS ANGELES, Cal.—J. F. Kobler, 507 N Serrano St., was awarded the general contract at $80,941 for erecting a 3-story brick school bldg. at 37th St. school site. The contract for electric wiring was awarded to American Electric Constr. Co. at $2641 and painting contract was let to Parker-Judge Co. at $2409.

BURLINGTON, Wash.—Archts. Morrison and Stimson, Lumber Exchange Bldg., Seattle, commissioned to prepare plans for $130,000 high school to be erected for Union High School District, No. 7, Skagit county. Bonds have been voted to finance construction. Will be 2-story high, 108x200 ft., brick construction, 12-classrms, gymnasium and auditorium.

ORANGE, Orange Co., Cal. — R. C. McMillan, Santa Ana, submitted low bid to city board of education at $32,843 for gen. contr. for constructing the new West Orange elementary school bldg. He will probably be awarded the contract at once. Other low bids were: Plumbing, Ehlen & Dederich, Orange, $2128; wiring, Robertson Elec. Co., Santa Ana, $545; finish hardware, Orange Hdwe. Co., Orange, $293. Other bids were:

General—S. G. Heckert, $34,000; H. G. Lembcke, $35,295; A. H. Pibel, $35,411; South & Franzen, $36,348; O. T. Moore $36.673; John Richardson, $37,683; Orange Contracting & Milling Co., $37,841; Chas. A. Kelson, $38,400; H. R. Bradley, $39,525; Homan & Tully, $40,200; Heil & Straw, $40,606.

Plumbing—John McFadden, $2360; C. H. Wagner, $2675; Hickman Bros., $2680; Chas. F. Carlson, $2750; H. H. Armrust, $3133; Hill & Son, $3248.

Electric wiring—Orange Elec. Co., $568; Broadford Elec. Co., $550.55; Harper Elec. Co., $552.

Finish hardware—Koegler Hdwe. Co. $319.50; McFadden Hdwe. Co., $510; Hill & Son, $1373.

Awards will be made as soon as possible so that work can start without delay. George C. Sherwood, Supt.

LOS ANGELES, Cal.—Until 9 a. m., May 7, bids will be received by the board of education for erecting the James A. Foshay junior high school bldgs. on Hobart Blvd., bet. Exposition Blvd. and 37th Pl.; F. J. Soper, archt. Bids will be taken separately on the general contract, plumbing, heating, painting and wiring. There will be a classroom and auditorium bldg., sloyd bldg. and domestic science bldg. Brick construction, 1-story and 3-story and basement; $350,000.

INGLEWOOD, L. A. Co., Cal.—Until 8 p. m., May 1, bids will be received by trustees of Inglewood City school dist. for adding a second story to the Central grammar school bldg. at Inglewood; Norman F. Marsh, 211 Broadway Central Bldg., L. A., archt. Bids will be taken separately on the general contract, wiring, heating and painting. The addition will contain 10 classrms; frame and plas. constr., comp rfg.; $50,000.

SAN FRANCISCO—The S. F. Board of Public Works opened bids on April 16 for grading and erecting wire fencing and miscellaneous work at Washington Irving school grounds in Broadway, bet. Montomery and Sansome Sts. The lowest bids were as follows:
Grading, A. G. Granfield, 3470 16th St., San Francisco, $3400.
Wire fence, Michel & Pfeffer Iron Wks. 1415 Harrison St., S. F., $933.90

MERCED, Merced Co., Cal. — Until April 24, 7:30 p. m., bids will be rec. by Merced Union High School District to fur. and install electrical fixtures in auditorium of high school. **See call for bids under official proposal section in this issue.**

WEED, Siskiyou Co., Cal. — Until May 5, 2 p. m., bids will be rec. by M. H. Neimeyer, clerk, Weed Union Grammar School District, to construct additional unit to grammar school building. Cert. check 10% payable to clerk req. Plans obtainable from clerk on deposit of $5, returnable.

LOS ANGELES, Cal.—Henry W. Schlueter, Black Bldg., was low bidder at $58,827 on the general contract for erecting a new bldg. at Micheltorena school site. Low bidders on the other contracts were: Ora King on plumbing at $3457; Amer. Elec. Const. Co. on wiring at $2019.70; Parker-Judge Co. on painting at $1188; and Stoneman and Walker on heating at $5608. The bids were. General contract—H. W. Schlueter, $58,827; J. B. Dawson, $66,180; Dan Callahan, $68,289; Schilling & Brown, $68,890; May & Hellman, $71,312; J. F. Kobler, $71,796; Witt & Chute, $72,000; H. H. Hinds, $72,490; Barkelew & Gould $73,885; J. C. Bannister, $76,000; North Pacific Const. Co., $76,899; Homan and Tully, $71,796; Macdonald & Driver, $77,500; J. A. Hill Constr. Co., $78,800. Plumbing—Ora King, $3457; Stoneman & Walker, $3937; Hickman Bros., $4,-050; E. W. Crowell, $4064; G. C. Sutton, $4165; Ashworth & Gallop, $4186; Arthur E. Gray, $4288. Wiring—Amer. Electric Constr. Co., $2019.70; Peerless Elec. Co., $2056; Graham Elec. Co., $2,-084; H. H. Walker, $2098; Soengen Elec. Co., $2698. Painting—Parker-Judge Co. $1188; Arenz-Warren Co., $1522; R. P. Tuttle Co., $1780; H. H. Mann, $1795; Alhambra Wall Paper & Paint Co., $1813; Leo H. Hubbert, $1924; E. A. Lindgreen, $2185. Heating—Stoneman & Walker, $5608; Wm. McArthur, $5788; W. H. Robinson, $5980; Hickman Bros., $5842.25; Ashworth & Gallop, $6339; Emerson & Keeler, $6686; Thos. Haverty Co., $6730; Munger & Munger, $6865.

OJAI, Ventura Co., Cal.—The Order of St. Augustine has purchased 131 acres of land in the old Hobson ranch as site for a boarding school for boys. An immediate expenditure of $250,000 is Planned. This will provide for the first unit of an institution which the order is establishing here. The college will include both preparatory and collegiate courses. The sale was consummated by J. J. Burke, Boyd Gabbert and George Holsten.

LONG BEACH, L. A. Co., Cal—Joseph H. Roberts and Archt. Wellington Smith, 312 Marine Bank Bldg., Long Beach, are completing plans for the $170,000 additional unit at the Lincoln grammar school, Long Beach. Eight classrooms, principal's room, teachers rms., kindergarten, nurses' rms., 300-seat auditorium. Conc. Found., corridor fls. and stairs, face brick exter., brick walls, art stone trim, tile and comp. rf., steam heat, beech or begac classroom floors.

PASADENA, L. A. Co., Cal.—Anton Johnson Co., 1007 S Grand Ave., L. A., has been awarded the general contract at $35,135 for erecting the boiler house at the Pasadena high school. No other contracts were let. John C. Austin, Detwiler Bldg., L. A., archt.

LOS ANGELES, Cal.—John B. Dawson 500 Fay Bldg., was low bidder at $49,450 for erecting a new bldg. at Cornwell St. school site. Low bidders on other contracts were: Parker-Judge Co. on painting at $955; Stoneman and Walker on plumbing at $4323; Amer. Elec. Constr. Co. on wiring at $947.60 and Stoneman & Walker on heating at $6233.74. Russell & Alpaugh, Story Bldg., L. A., archt. The bids were: General contract — John B. Dawson, $49,450; Witt & Chute, $52,215; R. H. Whinery, $52,416; John I. Kane & Co., $53,948; Schilling & Brown $54,620; H. H. Hinds, $55,890; H. W. Schlueter, $56,-747; J. F. Atkinson, $56,607; Rudine Chytraus, $59,000; Eastman & Sweeney $59,918; May & Hellman, $63,447; C. R. Hovey, $61,000. Painting — Parker-Judge Co., $955; Arenz-Warren Co., $1300; R. P. Tuttle Co., $1320; Alhambra Wall Paper & Paint Co., $1336; Paul B. Johnston, $1360; Leo H. Hubbert, $1598; E. A. Lindgreen, $1796; H. H. Mann, $1782. Plumbing—Stoneman & Walker, $4323; Hickman Bros., $4768; E. W. Crowell, $4774; G. C. Sutton, $4575; Ora King, $4779; W. H. Robinson, $5016; Ashworth & Gallop, $5379. Wiring — Amer. Elec. Constr. Co., $947.60; Graham Elec. Co., $$1040; Peerless Electric Co., $1044; H. H. Walker, $1144; Soengen Electric Co., $1449. Heating—Stoneman & Walker, $6233.74; Hickman Bros., $6289.50; Frank Davidson, $6485; Ashworth & Gallop, $6958; Thos. Haverty Co., $7521.

LOS ANGELES, Cal.—Dan Callahan, Lankershim Bldg., was awarded the general contract at $57,598 for erecting new school bldg. at Angeles Mesa school site. T. Beverley Keim, Jr., Haas Bldg., archt. Other contracts were awarded as follows: Plumbing to Ashworth & Gallop at $5752; heating to Hickman Bros. at $4940; wiring to American Elec. Constr. Co. at $1198.70

SALINAS, Monterey Co., Cal.—J. F. Shepherd, of Stockton, has been awarded general contr. by board of education at $83,840 for erection of 2 new grammar school bldgs. Other awards were: Heating to Stockton Plbg. and Supply Co., $8411; plumbing, Merritt & Parlier, San Jose, $8631; elec. wk, W. D. Evans, Salinas, $2381. The bond issue was for $105,000.

BELL, L. A. Co., Cal.—Archts. Train & Williams, 226 Western Mutual Life Bldg., have been commissioned to prepare plans and spec. for a branch high school bldg. to be erected at the corner of Bell and Flora Aves., Bell, for Huntington Park union high school dist. It will contain classrms, administrative offices and an auditorium to seat 1000 people. It will be of brick and conc. constr. and will cost $250,000.

EAGLE ROCK, L. A. Co., Cal. — Archt. Myron Hunt, 1107 Hibernian Bldg., is preparing working drawings for a new girls' dormitory bldg. to be erected at Occidental College at Eagle Rock. It will accommodate 60 students, 2-story, brick constr., stucco and cast stone exter., clay tile rfg., pine trim, oak and pine fls., tiled baths, steam htg.; $150,000.

CORNING, Tehama Co., Cal.—As previously reported, bids will be rec. by W. C. Smith, clerk, Corning Union High School District, until May 3, 12 M., to erect and complete one-story frame gymnasium building and to remodel present high school. Segregated bids are desired: (1) general contract for building; (2) electric wiring; (3) plumbing; (4) heating. Cert. check 10 per cent req. Plans obtainable from Woollett and Lamb, architects, 99 Mull Bldg., Sacramento and on file at office of principal of school. **See call for bids under official proposal section in this issue.**

BANKS, STORES & OFFICES

Contract Awarded.
STORE BLDG. Cost, $28,000
PALO ALTO, Santa Clara Co., Cal., Emerson St., bet. Hamilton & Forest Aves.
One-story concrete store bldg. with terra cotta exterior.
Owner—Palo Alto Imp. Co., Palo Alto.
Architect—Birge Clark, 600 Embarcadero Rd., Palo Alto.
Contractor—Wells P. Goodenough, 435 Tennyson street, Palo Alto, Cal.

Plans Being Prepared.
STORE & OFFICE Cost, $50,000
OAKLAND, Franklin St. bet. 14th and 15th Sts.
Two-story class C store and office bldg
Owner—East Bay Title Ins. Co.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., San Francisco.

Plans Being Prepared.
STORE BLDG. Cost, $18,000
SAN FRANCISCO, W Fillmore St. near Geary.
One-story class C store bldg.
Owner—Robert White Co.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., San Francisco.

Contract Awarded.
STORE BLDG. Cost, $10,000
MARTINEZ, Contra Costa Co., Smith St
One-story store building.
Owner—Mrs. Mary Norton, Port Costa, California.
Architect—Withheld.
Contractor—Paul K. Jones, 186 Jessie St., San Francisco.
Lessee—Piggly Wiggly Co.

Contract Awarded.
STORES Cost, $14,650
OAKLAND, NE 53rd and Grove Sts.
One-story brick stores.
Owner—W. B. Bryant & M. C. Easton.
Contractor—J. J. Hauri, 822 56th St., Oakland.

Contractor Taking Sub-Figures.
STORE & OFFICE Cost, $20,000
SAN FRANCISCO, NW Mission & 19th Streets.
Two-story reinforced concrete store & office.
Owner—Klepstock Bros., 3320 18th St., San Francisco.
Architect—S. L. Hyman and A. Appleton, 68 Post St., San Francisco.
Contractor—John Spargo & Son, Russ Bldg., San Francisco.

Completing Plans
STORE BLDG. Cost, $10,000
OAKLAND, Foothill Boulevard and Seminary Ave.
One-story brick store building (designed for 2-story building).
Owner—Withheld.
Architect—L. H. Ford, East Bay Planners, 306 14th St., Oakland.

Plans Being Prepared.
STORE & OFFICE Cost, $350,000
SAN JOSE, 1st and San Carlos Sts.
Five-story reinforced concrete store & office bldg.
Owner—Sainte Claire Realty Co.
Architect—Weeks & Day, 315 Montgomery St., San Francisco.

Plans Complete.
BUILDING Cost, $40,000
SAN FRANCISCO, West side 9th St. 192 feet south of Howard St.
Two-story reinforced concrete commercial building 82x100.
Owner & Archt.—Smith O'Brien, 742 Market St., San Francisco.
Figures will be taken as soon as a tenant can be found.

Plans Complete.
REMODEL STORES Cost, $10,000
STOCKTON, Cal., 50 North Center St.
Remodeling of stores.
Owner — J. Ruiz, 1346 S American, Stockton.

Construction To Be Started Shortly.
OFFICE & STORE Cost, $490,000
OAKLAND, 19th & Broadway, adj. Tapscott Bldg.
Ten-story concrete office and store (pressed brick exterior) 225 offices 4 stores an arcade and 3 elevators)
Owner—F. W. Ray.
Architect—Willis C. Lowe, Monadnock Bldg., San Francisco.
Contractor—Palmer & Clinton, Monadnock Bldg., San Francisco.
The Corporation Finance Co. are agents for the building.
Sub contracts will be awarded in a few days.

Plans Complete
OFFICE BLDG. Cost, $120,000
SAN JOSE, Santa Clara Co., Cal., 3rd and San Fernando Sts.
Three-story and basement reinforced concrete office building.
Owner—Pacific Gas & Electric Co.
Architect — Binder & Curtis, Binder Bldg., San Jose.
Figures will shortly be taken for segregated contracts by the Purchasing Dept., 445 Sutter St., S. F.

Bids To Be Taken In a Few Days.
BANK & OFFICE Cost, $250,000
STOCKTON, San Joaquin Co., Cal., Sutter St., near Main.
Ten-story class A bank and office bldg.
Owner—Commercial & Savings Bank.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Engineer—C. H. Snyder, 251 Kearny St. San Francisco.
Construction Mgrs. — Lewis & Green, Commercial Bank Bldg., Stockton.

Owner Has Figures Under Advisement.
STORE BLDG. Cost, $20,000
BURLINGAME.
One-story reinforced concrete store building.
Owner—J. E. Casey.
Architect—Kuhn & Edwards, Commercial Bldg., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $16,000
OAKLAND, 1625 Broadway.
Alterations to store building.
Owner—N. C. W. Steinbeck, 805 Syndicate Bldg., Oakland.
Architect—Reed & Corlett, Oakland Bank of Savings Bldg., Oakland.
Contractor—F. A. Muller, 805 Syndicate Bldg., Oakland.

Segregated Figures Being Taken.
BANK BLDG. Cost, $20,000
MARTINEZ, Contra Costa Co., Calif., Main St.
One-story reinforced concrete bank building.
Owner—The National Bank of Martinez Martinez, Cal.
Architect—A. A. Cantin, 727 Foxcroft Bldg., San Francisco .

Contract Awarded.
OFFICE BLDG. Cost, $30,000
OAKLAND, W Webster St. 100 N 17th
Two-story tile store and office bldg.
Owner — J. C. Vargasi, 389 17th St., Oakland.
Contractor — Marshall & Burks, 389 17th St., Oakland.

Bids Being Taken.
STORE BLDG. Cost, $35,000
ALAMEDA, Alameda Co., Cal., Park St.
One-story concrete or tile store bldg. (5 stores).
Owner — L. Kalisky and Associates, Alameda, Cal.
Architect—A. A. Cantin, 727 Foxcroft Bldg., San Francisco.
Bids are being taken for a general contract except the electrical work which will be let under a separate contract.

WILMINGTON, L. A. Co., Cal.—M. C. Parker, Anaheim Rd., Wilmington, has completed plans for a store and office bldg. to be erected on Anaheim Rd., bet. Canal and Marine Aves., Wilmington, for Howard J. Latimer, Pacific Finance Bldg., L. A.; it will have 5 stores on the first floor with about 14 office suites on second. Brick walls, 2-story press. brick facing, comp. rfg., hardw. pine and cement fls., plate glass, metal skylights, gas rads., etc.

LOS ANGELES, Cal.—Macdonald and Kahn, 1200 Spring Arcade Bldg., have been awarded the contract for erecting a new class A telephone exchange bldg at s.e. cor. of Washington St. and Grand Ave. for Southern California Telephone Co. Four-story and basement, 80x140 ft., steel frame, brick filler walls, press. brick facing, reinf. conc. fls. and roof slab, elevator, steam htg., steel sash; $175,000.

LONG BEACH, L. A. Co., Cal.—G. M. Knapp, 333 E First St., Long Beach, has been granted rezoning recommendations by the city planning commission and has announced his intention of erecting a 3 or 6-story bldg. on the s.e. cor. 6th St. and Atlantic Ave., Long Beach.

LOS ANGELES, Cal. — Archt. Fred Dorn, 525 Marsh-Strong Bldg., is preparing plans for a class C store, office and garage bldg. to be erected on 6th St., bet. Rampart Blvd. and Benton Way for the Rampart Blvd. Co.; it will have 16 stores, 30 office suites and a public garage 80x151 ft. in the rear. Brick walls, 207x142 ft., 2-story, plaster exter., art stone trim, cement and hardw. fls., struc. steel, plate glass, wood roof trusses, gas htg., water htr, metal skylights, steel sash. Raymond Concrete Pile Co. has the contract for furnishing and placing the piles.

LOS ANGELES, Cal. — Archt. W. Douglas Lee, 403 Sun Bldg., is completing plans and will erect a 6-story class A loft bldg. at Pico and Wall Sts. for Lloyd & Casler. Reinf. conc. constr., 6-story, 78x137 ft., comp. rfg., cement and hardw. fls., 3 elec. elevators, steel sash, fire escapes, ornam. iron work, wire and plate glass, sprinkler sys, etc.

LOS ANGELES, Cal.—Archt. John M. Cooper, 321 Marsh-Strong Bldg., is preparing plans for a 13-story class A office and loft bldg. to be erected on Main St., bet. 7th and 8th Sts. for Harry Siskin. It will have stores on first fl. with offices and lofts above. Dimensions 80x175 ft., reinf. conc. constr., 13 sto. and basement, comp. rfg., enam. brick and terra cotta facing, 4 elec. elevators, plate glass, cement & hardwood fls., steam htg. sys., ornam. iron etc., $800,000.

THEATRES

Steel Contracts Awarded.
THEATRE & STORE Cost, $45,000
SAN FRANCISCO, S Third St. 41-3 N of Quesada St.
Class A theatre and store bldg (cement exterior and tile roof.
Owner—Otto Roeder.
Architect—Chas. Strothoff and Gustave Stahlberg, 2274 15th St., S. F.
Contractor—S. Raseri, Williams Bldg. San Francisco.
Structural steel awarded to Central Iron works, 2050 Bryant St., S. F.
Reinforcing Steel to W. S. Wetenhall Co., NE 17th and Wisconsin Sts. San Francisco.
(48173) 1st report Oct. 19; 2nd Dec. 14, 1923.

Contracts Awarded.
ALTERATIONS Cost, $8000
SAN FRANCISCO, 977 Market Street
Construct raised floor; erect partitions etc. for theatre.
Owner—Northern Amusement Co., care architect.
Architect—Martin A. Sheldon, Monadnock Bldg., San Francisco.
All work except plumbing, electrical work, painting and ventilating awarded to Arthur Elvin, 180 Jessie St., S. F., for $7949.
Electrical work awarded to Decker Electrical Construction Co., 149 New Montgomery St., S. F., for $1578.

Plans Being Prepared.
THEATRE Cost, $60,000
SAN FRANCISCO, One-story class A motion picture theatre (1000 seating capacity).
Owner—S. Getz, Chronicle Bldg., S. F.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

LOS ANGELES, Cal.—Sol Lesser, vice pres. of the West Coast Theaters, Inc., is reported announcing that plans are being prepared for a $750,000 store, office and theater bldg. on E. Colorado St. nr. Lake Ave., Pasadena, for the Greater Pasadena Theaters Co., composed of the West Coast Theaters, Inc., and the Southwest Theaters, Inc., C. L. Langley, pres. Six stories, 2500-seat theater.

Plans Being Prepared.
BRICK THEATRE. Cost, $100,000
SACRAMENTO, Oak Park.
Brick Theatre, 4 stores and 4 offices, 1500 seating capacity.
Owner—Withheld.
Architect—Mark T. Jorgensen, 110 Sutter St., San Francisco.

Completing Plans.
THEATRE Cost, $100,000
SAN FRANCISCO, N Jackson St., bet. Grant Ave. and Kearny St.
One-story class A theatre (850 seats, Oriental architecture).
Owner—Lun Hop Co., owners of Crescent Theatre.
Architect—Albert Schroepfer, 68 Post St., San Francisco.
Figures will be taken for a general contract in about two weeks.

Sug-Figures Being Taken.
THEATER & STORE Cost, $100,000
ELMHURST, Alameda Co., 89th Ave. & E-14th St.
One-story concr. moving picture theatre and store bldg.
Owner—L. J. Toffelmier & Sons, 701 Parret St., San Leandro.
Architect—A. W. Cornelius, Merchants Natl. Bank Bldg., S. F.
Concrete work being done by the owners.
Reinforcing steel awarded to Truscon Steel Co., 527 10th St., S. F.
Lumber and structural steel bids under advisement.

Figures To Be Taken This Week.
THEATRE Cost, $120,000
SACRAMENTO, Sacramento Co., Cal., Corner 33rd St. and Sacramento Blvd.
Class A store and theatre building.
Owner — M. Blumenfeld and Samuel Gordon.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Figures will probably be taken both for a general contract and segregated contracts.

Plans Being Prepared.
THEATRE BLDG. Cost, $125,000
PALO ALTO, University Ave & Ramona Street.
One-story reinforced concrete class B theatre building.
Owner—Palo Alto Theatre Company, Ellis J. Arkush, mgr.
Architect—Weeks & Day, 315 Montgomery St., San Francisco.

Plans Being Prepared.
STORES ETC. Cost, $—
SAN FRANCISCO, S Irving St. bet. 14th and 15th Aves.
Class A stores, office and theatre bldg.
Owner—Golden State Theatres & Realty Cptn., Robert A. McNeil. pres.
Architect—Mark T. Jorgensen, 110 Sutter St., San Francisco.

Plans Being Prepared.
THEATRE Cost, $100,000
SAN LEANDRO, Alameda Co., Cal., Ward St. & Washington Ave.
Fireproof picture theatre.
Owner—J. Hoorwitz, Hayward Theatre, Hayward.
Architect—Name withheld for present.

Plans To Be Prepared.
THEATRE Cost, $—
MONTEREY, Monterey Co., Cal.
Fireproof theatre.
Owner—Golden State Theatre & Realty Co., (Robt. A. McNeill, pres.)
Architect—Mark T. Jorgensen, 110 Sutter St., San Francisco.

SAN PEDRO, L. A. Co., Cal. — The Foss Des. & Bldg. Co., 45 N Euclid Ave., Pasadena, has the contract to erect a $50,000, conc. and brick store and theater bldg. at Santa Cruz St. and Pacific Ave., San Pedro, for Goebel Bros. Plans by H. A. Rauter. Two stores and 500-seat theater.

SAN JOSE, Santa Clara Co., Cal. — West Coast Theatres, Inc., San Francisco, operating the T & D theatre in San Jose, will expend approximately $50,000 in remodeling the structure refurnishing. Harry C. Browne is manager of the T & D at San Jose.

LOS ANGELES, Cal.—Archt. and Eng Truesdell & Newton, 304 San Fernando Bldg., are revising preliminary plans for a motion picture theater, to be erected in a neighboring town for a local client; it will have a seating capacity of about 1100 people and there will be 2 stores. Brick walls, plaster exter. and facing, comp. rfg., cast stone trim, gas htg., vtg. sys., cement, tile and pine fls., plate glass, ornam. iron work.

MONROVIA, Los Angeles, Co., Cal.—Frank R. Alexander, proprietor of the Colonial Theatre, has announced the purchase by him of property on West White Oak Ave. as site for new 1 and part 2-story theatre bldg., 75x172 ft. It will have a capacity of 1500. Est. expenditure, $150,000. The bldg. will contain stores and offices in addition to the theatre.

WHARVES & DOCKS

Piling and Excavating Contracts Awarded—Bids To Be Called For In a Few Days for Construction of Buildings.
WHARVES ETC. Cost, $1,000,000
ALAMEDA, Alameda Co., Cal., Foot of Grand St.
Wharves, piers, warehouses, etc. for terminal (creosoted and concrete piling, timber and corrugated iron bldgs.)
Owner—Alaska Packers Assn.
Engineer for Wharves—Frank White, Ferry Bldg., San Francisco
Engr. for Bldgs.—Phillip L. Bush, California St., San Francisco.
Excavating and pile driving etc. for wharf awarded to A. W. Kitchen, 110 Market St., S. F. (piling $147,000, excavating 49c cu. yd.)
As reported before, the furnishing of piling was awarded to St. Helens Creosoting Co., Matson Bldg., S. F.

Contract Awarded.
WHARVES ETC. Cost, $219,150
ALAMEDA, Alaska Basin.
Wharves, etc.
Owner—Alaska Packers Assn, Alameda
Contractor — Frank G. White, Rm. 18 Ferry Bldg., San Francisco.

SAN DIEGO, Cal.—Bids will be received until April 23, by the Public Works Officer of 11th Naval Dist., San Diego, for repairs to dolphins, etc. See "Government Work" this issue.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Revised—Figures To Be Called For Next Week.
TERMINAL BLDG. Cost, $65,000
SACRAMENTO, 11th, 12th H & I Sts.
Two-story brick class C R.R. Terminal bldg. (brick exterior, marble and tile work).
Owner—Bisbee Inv. Co.
Architect — Woollett & Lamb, Hagelstein Bldg., Sacramento.

Contractor To Take Sub-Figures Next Week.
HOTEL Cost, $60,000 approx.
SAN FRANCISCO, SW Cosmo and Taylor Streets.
Six-story and basement Class C Hotel. (36 rooms).
Owner—Mr. and Mrs. Geo. W. Springer. 1032 Jackson St., San Francisco.
Architect—M. Couchot and J. Rosenwald, 60 Sansome St., S. F.
Contractor—John Spargo, Russ Bldg., San Francisco.

LOS ANGELES, Cal.—Lynch-Cannon Engineering Co., 1027 Chapman Bldg., submitted low bid to harbor comm., April 11, at $852,400 for constructing 2-story steel transit shed at Berths 230 D and E and 232 A and B, under spec. 600. Other bids were: North Pacific Const. Co., $855,225; Willis B. Kyle, $857,500; Lynch Constr. Co., $864,964; Austin Co. of Calif., $873,800; Barrett & Hilp, $877,000; Clinton Constr. Co., $914,000; Merritt-Chapman & Scott Corp., $950,000; Pozzo Constr. Co., $980,000.

SANTA BARBARA, Santa Barbara Co Cal.—Plans and spec. are complete for a horse show bldg., which the Santa Barbara Horse Show Assn. will erect at the cor. of Bath and Yanonali Sts. It will be 200x300 ft., 22 ft. high, seating 3000, of hollow tile, conc. and steel constr. Sam E. Kraemer is secy of the assn.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 818 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

D-1178—Milwaukee, Wisconsin. Firm looking for high-grade experienced salesman who is looking for a connection of permanency and considerable profit. Also like to communicate with reliable manufacturer's agency who is specializing in selling banks or bank supplies.

D-1181—Cuyahoga Falls, Ohio. Concern desires to be put in touch with manufacturer's agent who would handle the sale of Whirlwing Patent Merry-Go-Round on a commission basis.

D-1183—Seattle, Wash. Manufacturers desire to get in touch with manufacturer's agent handle their line which is a Ford accessory.

D-1184—San Francisco. Party who has labor saving fruit packing pail with U. S. Patents pending desires to communicate with firm interested in financing same. Market in California alone for 100,000, repeat orders every three years. (Inventor has endorsements of largest fruit growers in the state and can furnish references.)

(D-119 — San Francisco. Business man, wide experience; expert accountant, auditor and office manager, willing to invest $5000 with services where ability and integrity will produce worthwhile results. Prefers a going concern.

D-1186—Eureka, Cal. Party desires to communicate with firms engaged in light wood novelty manufacturing, box factories, etc., which would be interested in obtaining special markets for odd sizes of select grades of redwood.

D-1188 — Pasadena, Cal. Gentleman desires to communicate with San Francisco manufacturers contemplating extending their field of activities to the Pacific Northwest or who are looking for representation in that territory.

D-1189—Sacramento, Cal. Factory in market for small 6-inch cast malleable wheel.

D-1190—St. Louis, Mo. Chemical firm desires representative of its boiler product "Boiler Physic."

D-1191—Burns, Oregon. Party interested in acting as agent for building loan agency or association doing business outside of California.

D-1196—Raymond, Wash. Firm desires to communicate with furniture and veneer manufacturers of alder, soft maple and cotton wood logs, regarding possibility of developing large stands of this timber.

8120 Tokio, Japan. Large importers desire to purchase through San Francisco, 50 to 100 tons and upwards of pig iron monthly. They have been handling Cleveland and Red Car No. 3, but desire to try Alabama No. 2 and other American pig iron. Payment against letter of credit and thirty to sixty days sight draft. Quotations must be made C. I. F. Yokohama.

8122—Meran, Italy. Firm desires to buy an apricot stoning machine in San Francisco. Catalog and prices are requested immediately.

8123—Tokio, Japan. Importers desire to buy steel wire for watch repairing from 30/1000 to 35/1000 and request samples and price quotations.

8124—Pforzheim, Germany. A lapidary firm desires to buy copper ore malachite from suppliers in San Francisco. An exclusive and permanent buying arrangement is sought.

8125—Louisville, Ky. An art gallery is selecting Japanese and Chinese draperies, decorations, porch, lawn and garden settees, sun dial, ornamental gateways and flower containers. They desire catalogs and prices from San Francisco importers.

8132—Harbin, China. Trading company operating in Manchuria, in North China and Siberia, desires to represent San Francisco export and industrial firms in that territory. Correspondence is invited.

8135 — United Kingdom. A British firm is desirous of finding a market in San Francisco for the sale of second-hand steel screwed and socketed piping 6-inch, 8-inch, 10-inch and 12-inch diameters, about 15 to 23 foot lengths. This pipe is said to be in very good condition.

8140—Mexico, D. F. Representatives recently established, desire to obtain agencies from San Francisco exporters.

8141—San Francisco, Cal. Gentleman, with eight years sales experience in South and Latin America, speaking and writing English, Spanish and German, desires a position with a San Francisco import and export firm.

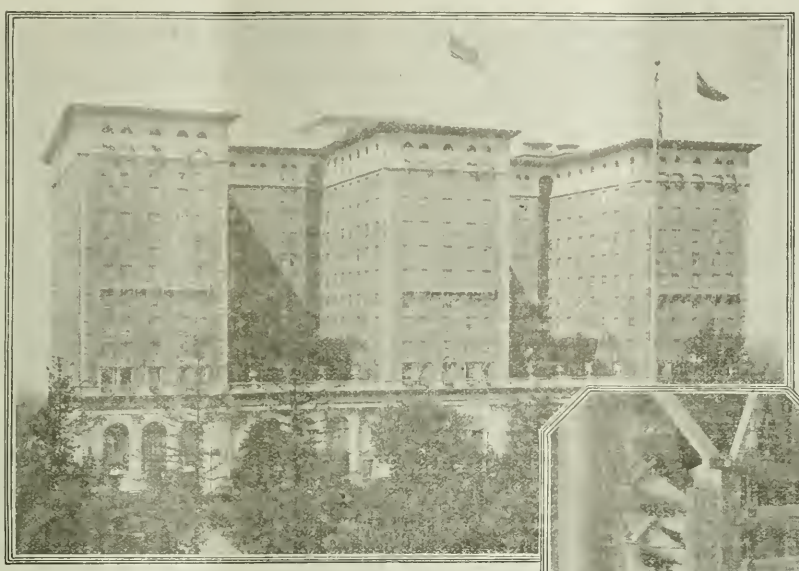
8142—Tokio, Japan. Firm desires to buy, cash against documents, fireproof and waterproof roofing, for building purposes. Thickness of two inches is desired and colors of dark red and sea green. Roofing should be guaranteed durable for fifteen to seventeen years.

8143—Mexico, D. F. Importers desire to make arrangements with San Francisco firms for buying in carload lots tallow and coconut oil for manufacturing soap, black iron pipe, tin plate and galvanized iron, 3x8 specification. Prices are requested at once. C. I. F. Manzanillo, Mexico.

8144—Auckland, N. Z. Party desires to buy ready built homes from San Francisco firms and requests catalogs and prices.

8147—San Francisco, Cal. Gentleman with ten years mercantile experience in executive buying and sales capacities, desires to locate with San Francisco import and export firm. References.

8148—San Francisco, Cal. Englishman born in Chile is returning to Valparaiso and will accept limited number of good representations from local manufacturing houses. Best references.



BILTMORE HOTEL, LOS ANGELES
SCHULTZE & WEAVER, *Architects*

The patented vacuum cleaning device shown here is just one reason why Pioneer White Lead is always whiter than other Old Dutch Process White Leads. This device is an exclusive Fuller feature, and insures even the finest particles of impurities being removed.

Twenty-six Tons of PIONEER WHITE LEAD

were used on the magnificent
BILTMORE HOTEL

That Pioneer White Lead was specified and used on this magnificent hotel is merely another instance which emphasizes the high esteem in which this product is held by prominent architects.

W. P. FULLER & CO.

FULLER
PAINTS Since '49 **VARNISHES**

Leads for Business

ACCOUNTANTS—C. P. Mead (with Knapp Co.), Chancery Bldg.
ADVERTISING—Coast Adv. Agency, 830 Market.
T. W. White, Cunard Bldg.
ANTIQUES—Nathan Bentz Co., 437 Grant Ave.
ART STORE—Music & Art Shop. 1467 Haight.
ATTORNEYS—C. G. Graham, 406 Montgomery.
AUTOMOTIVE—C. T. Arhart (trimming), 1444 Pine.
Haight Street Service Station, 1890 Haight.
BAGS AND BURLEY—Commercial Bag Co. (J. L. Berman), 275 Sth.
BAKERIES—Bright Star Bakery, 1219 Pacific.
BEAUTY PARLORS — La Blanche Beauty Shop, 1772 Haight.
CANDY—Pietro Gentile, 703 Columbus Ave.
J. A. Riley, 1373 7th Ave.
CATALOG COMPILER — Edwin A. Turner, 419 Sutter.
CHAIR REPAIRING—Oriental Chair Shop, 1103 Powell.
CIGARS—Oberlander's, 383 Bush.
CLEANING AND DYEING—Club Cleaners, 2965 24th.
CLOAKS AND SUITS—New Fillmore Cloak & Suit House, 1692 Fillmore.
COOKERS—National Cooker Co. (R. A. Brown), 277 Pine to 365 Market.
CREDIT RATINGS—National Creditors Agency, 760 Market.
DELICATESSEN — Metropolitan Delicatessen, 747 Market.
DENTISTS—Dr. Emma Fountaine. 323 Geary.
DRUGGIST SUPPLIES—Marine Drug Supply Co. (Clunie Bldg.), 2050 Market.
DRUGS—Powells Drug Co., sold to Foster, 459 Castro.
EXCELSIOR—National Paper Excelsior Co., 1415 Folsom.
FLORISTS—United Flower & Supply Co., 448 to 462 Bush.
GROCERS—Mrs. Blocker, 299 Peru.
A. Rinaldi, 1200 Pacific.
P. Giovannoni, 1700 Filbert.
RADIO — Morgan & Anderson, 317 Stockton.
F. I. Ellert, 3829 Mission.
Tustin Radio & Electric Co., 428 Sutter.
Lawrence Radio Co., 518 Geary.
Radio Phona Krafts Studio (E. Worthington), 321 Stockton.
READY-TO-WEAR—Factory to open 3rd floor, 30-40 1st.
REAL ESTATE—C. J. Collins, 5823 Geary.
Municipal Properties Co., 995 Market.
C. E. Dodd, 1275 9th Ave.
RESTAURANTS—Aug. Berges. 1230 Powell.
Alexander Restaurant, 1869 Post.
ACCOUNTANTS—C. P. Mead (with Knapp Co.), Chancery Bldg.
ADVERTISING — Knapp Co., Chaucery Bldg.
ART STORE—Homestead Art Shop, 1376 Sutter.
AUTOMOTIVE—H. W. McKevitt (auto parts), 739 Polk.
Aberdeen Tire Service, 715 Van Ness Ave.
Mint Garage, 884 Mission.
A. Logan & Co. (shop), 655 Geary.
C. F. Henderson (trimming), 348 Golden Gate Ave.
Panyard Piston Ring Co., 1426 Bush.
Rochester Mfg. Co., Inc. (accessories), Pacific Bldg.
BAKERIES—Home Bakery, 708 14th.
BEAUTY PARLORS—Fashion Beauty Shop, 219 Ellis.
Adelaide's Beauty Shop, 591 Guuerrero.
BUILDING MATERIALS—Golden Gate Concrete Co., 55 New Montgobery.
CIGARS—Mi Omo Cigar Stand, 318 Columbus Ave.
M. S. Harris, 605 Market.
Frank O'Leary, 698 San Jose Ave.
CLEANING AND DYEING—Superior Cleaning Co., 265 Church.
Service Cleaning Co., 595 Jersey.
CLOTHING—Bush & Harris, 100 Sutter.
DELICATESSEN—Geary Delicatessen, 6127 Geary.
DISPLAY EQUIPMENT—R. C. Eastman, 409 Duboce.
DRESSES—Mrs. H. Murray, 842 Geary.
Harry L. Handelsman, 135 Kearny.
DRUGS—Crescent Pharmacy, 3845 Mission.
EMBROIDERY—Geary Embroidery Co. 538 Geary.
Hirk Embroidery Co., 973 Market.
EMPLOYMENT AGENCIES—A B C Employment Agency, 623 Pacific.
FINANCE — Remedial Auto Finance Co., 1235-1237 Van Ness Ave.
Lincoln Housing Corp. (Mr. Stevens) 307 Balfour Bulg.
FISH—John Crivello, 747 Market.
FLOORING — Hanley & McGrellis (hardwood), 1781 9th Ave.
FRUIT—B. Ferrari, 2190 Union.
Ocean Fruit Market, 1537 Ocean.
Theo Kotopulos, 279 9th.
Angeles Fruit Market, 147 Clement.
GROCERS—Frank Guttner, 351 Wilde.
Marathon Grocery, 390 3rd.
Twenty-ninth Street Grocery, 85 29th.
HAIR DRESSING—Olga Marcell Studio, 2181 San Bruno Ave.
ICE MACHINES—W. M. Griffith. Flatiron Bldg.
INKS—Jasmine Ink Co., 200 Davis.
INSURANCE — California Insurance Agencies (W. J. McHan), Golden Gate Bldg.
INVESTMENTS—Dean Witter Co., 485 California to Kohl Bldg. soon.
JEWELERS—Balboa Jewelry Co., 1629 Ocean.
LUBRICANTS AND GREASES—Peerless Oil & Grease Co., 333 Folsom.
Waverly Oil Works, 595 Turk.
MACHINE WORKS—Madsen Machine Shop, 752 Bryant.
MFRS. AGENTS—West Coast Mfrs. Agency, 650 Haward.
Commercial Supply Co., 417 Montgomery.
J. Axelrod, 315 Phelan Bldg.
MEAT—Buchignani Bros., 755 Irving.
PAINTING—Standard Auto Painting Co., 1158 Mission.
PAPER BOXES—All Paper Box Co. (Chicago), Clunie Bldg.
Bert Osterman, Insurance Exchange.
PHYSICIANS — Dr. G. O. Jarvis, 240 Stockton.
PLUMBING—Ott Bros., 442 Sansome.
Divisadero Printing Co., 988 Oak.
PUBLISHING—Service Publishing Co., Santa Marina Bldg.
REAL ESTATE—H. F. Stoltz 2114 Market.
RESTAURANTS — New Howard Restaurant, 717 Howard.
The Coffee Cup (Herbert Meyerfield) 5254 Geary.
Le Gloria Restaurant, 671 Union.
A. Laureti, 2798 Bryant.
Dalmatia Restaurant, 2014 Grant Ave
Kay Kay, 835 Washington.
New Eagle Restaurant, 185 3rd.
SCALP TREATMENT—Harper Co., 760 Market.
SCHOOL OF MILLINERY—M. Coghlan 559 Phelan Bldg.
SHOW CARDS — Harry Watrous, 235 Montgomery.
SIGNS—Lindsay Electric Sign Co., 2051 Folsom.
E. C. Larson, 380 Bush.
STOCKS AND BONDS—A. F. Merrill, 717 Phelan Bldg.
SURGICAL APPLIANCES — Walters Surgical Co. to 525 Sutter in May.
TAILORS—J. J. O'Connor, 3106 16th.
Terence Baxter, 3308 17th.
TEXTILE—Interstate Textile Mfg. Co., 760 Market.
TRANSPORTATION — Northwestern Pac. R.R. Co. and Tamalpais and Muir Wood Ry Co. ticket office 50 Post to 712 Market.
VETERINARIAN — W. F. Egan, 1155 Golden Gate Ave. to 1010 Dolores.
X-RAY LABORATORIES — Bryan to 380 Post.
ATTORNEYS—Donald Gallagher (with C ast Piggly Wiggly), 149 California to 220 Montgomery.
Mrs. Lelia Leep, 235 Montgomery to Hearst Bldg.
F. J. Solinsky and E. R. Solinsky, Call Bldg. to 562 Market.
Black, Henshaw & Lyders, Mills Bldg to 200 Bush.
AUTOMOTIVE—Federal Motor Truck Co., 1123 Post to 1350 Howard.
BAKERIES—Geary Bakery, 5323 Geary to 3228 Sacramento.
CANDY — Wharton's Confectionery, 1415 Haight to 1496 Market.
CLOTHING—H. Linden (2nd hand), 712 Howard to 161 3rd.
CLOAKS & SUITS—Golden Gate Cloak and Suit House, 1060 Market St. to 867-869 Market St., soon.
DRUGGIST SUPPLIES — Eyrle Co. agency 576 Mission.
ELECTRICAL—Richmond Repair Co., 551 to 922 Clement.
ELEVATORS—California Elevator Co., 1847 Market to 441 Elizabeth.
ENGINEERS—E. E. Kriegsman (consulting) 582 Market to Chancery Bldg.
Carier Engineering Corp., 216 Pine to Balboa Bldg.
IMPORTERS—Davidson & Strauss, 794 Mission to 417 Market.
INSURANCE—C. C. Nichols (broker), 354 Pine to 255 California.
INVESTMENTS—C. T. Patterson and P. J. Cotten, Exchange Blk.
J. M. Jackson & Co., 1 Montgomery to 58 Sutter.
LAUNDRY—New Golden Gate French Laundry, 1631 Haight to 1915 Page.
LUMBER — West Oregon Lumber Co. (N. C. Hughes), Marvin Bldg. to 110 Market.
Castle Crag Lumber Co. (Solinsky, Bertheau), Call Bldg. to 582 Market.
MFRS. AGENTS—L. D. Howland Co., 606 Howaid to 661 Folsom.
Paul G. Nichoff & Co., 111 to 149 New Montgomery.
C N & F W Jonas, Standard Bldg. to 14 New Montgomery.
MARINE SURVEYORS—W. F. Mills, 354 Pine to 255 California.
MARKETS—Old Reliable Market, 5716 Geary to 2444 Clement.
MEN'S FURNISHINGS—W. H. Bolger, 220 3rd.
NOTIONS—San Francisco Notion & Toy Co. (Harry Markowitz), 515 Market to 786 Mission.
OFFICE SUPPLIES—W. C. Traud & Co., 681 Market to 133 Kearny.
OPTOMETRISTS — Dr. J. G. Guard (2220 Mission), 888 Market.
PAINTS—H. C. Hunter, 1347 Golden Gate Ave. to 76 Brady.
PHYSICIANS—Dr. H. E. Ruggles, 135 Stockton to 380 Post.
Dr. H. E. Ruggles, 135 Stockton to 380 Post.
Dr. E. B. Shaw, Dr. H. C. Warren, Dr. Max Rothschild, Dr. E. C. Fleischner, Dr. H. R. Hoobler, 350 to 380 Post.
Dr. Orrin Cook, 570 Market to 350 Post.
PRINTING—Grabhorn's, 47 Kearny to 526 Powell.
Thompson & Co., 561 Clay to 340 Sansome.
PUBLISHING—Trade Publishing Co., 340 Sansome to 619 California.
Hikes & Travels Publishing Co., 632 Mission to Marvin Bldg.
REAL ESTATE—Saml Stern, 26 Montgomery to 110 Sutter.
SALT—California Sal Co., 220 Montgomery to 200 Bush.
SHOES—Block-Levy & Co., 125 Geary to 45 Grant Ave.
SHOW CARDS — C. A. Robinson and Geo. Kiddie, 948 Market.
STEAM SPECIALTIES—Chas M. Bailey, 606 Howard to 661 Folsom.
TEXTILE—Standard Mills Inc. (New York), Victor E. Ulman, agent, 554 Mission.
MISCELLANEOUS — Knives & Forks Club, 2677 Mission to 522 Valencia.
ACCOUNTANTS—Jorgenson & Inckham, 821 Market to Chancery Bldg.
ADJUSTERS—S. F. Scott, 334 Pine to Alexander Bldg.
ARCHITECTS — John Reid, 1 Montgomery to 60 Sansome.
ATTORNEYS — F. C. Peterson, 315 Montgomery to 433 California.

AUTOMOTIVE — Utility Trailer Sales Co. and Duplex Truck Sales Co., 1242 Mission to 82 8th.
L. Wagner buying Folsom Street Garage,ll 757 Folsom.
CURTAINS AND DRAPERIES — California Curtain Mills, 907 to 883 Market in May.
EMPLOYMENT AGENCIES—Veterans' Free Employment Bureau (E. P. Schultz, mgr.), 235 Montgomery.
ENGINES—Pacific Diesel Engine Co., Insurance Exchange Bldg. to 593 Market.
ENGRAVERS—Jos. Rydberg 251 Kearny to 101 Post.
FRUIT—Jos. Pormosa buying fruit and vegetable business at Railroad Market 2831 Mission.
GROCERS — Patrick McGeough, 3898 18th to 498 Sanchez.
Contas & Courie succeeding J. J. Nilan, 301 28th Ave.
IMPORTING—J. D. Havre & Co., 406 Montgomery to 200 Bush.
Forbes Co., 382 Market to Russ Bldg.
INSURANCE—J. D. Buttner, 3460 Mission to Chronicle Bldg.
PHYSICIANS—Dr. Otto Westerfeld, 240 Stockton to 518 Sutter.
Dr. E. I. Bartlett, 291 Geary to 240 Stockton.
RADIO—Mission Radio Co. about 3327 Mission in May.
REAL ESTATE—Dan Rosenblum, 23 Battery to Flatiron Bldg.
RESTAURANT—Nugget Cafe, 41 to 53 Post.
MISCELLANEOUS — Kelso & Co., 287 12th.
ADDRESS WANTED—Concerns handling potassium cyanide.
Scobel & Day, commission merchants. Distributors of "Bricko" a silver polish.
Kerschoff Furnace Co.
ADVERTISING—Miss Ruaro, Flatiron Bldg.
AUTOMOTIVE—Westgate Garage, 1215 Ocean.
BAKERIES—Geary Bakery, 5323 Geary to 2339 Clement.
Luciano Noriones buying La Reforms Bakery and Grocery, 923 Pacific.
BARBERS—Service Barber Shop, 237 California.
BRASS WORKS — Liberty Brass and Bronze Foundry (Mr. Tyroler), 248 Tehama to Cleveland and Sherman.
CANDY—Mrs. Aigner (Golden Gate Ice Cream Co., 600 Stanyan.
Lincoln Confectaurant, 78 2nd.
CHEMICAL PRODUCTS — Chas. M. Forbes, 43 St. Anne to 149 New Montgomery.
CHIROPODISTS—E. M. Jahr, 3316 Mission.
CLOTHING—Mrs. A. Sankowich, 278 to 208 6th.
DRUGS—Mastorus, 697 O'Farrell.
DRY GOODS—M. Cimino, 1246 18th.
FERTILIZER—Forbes Chemical Co., 43 St. Anne to 149 New Montgomery.
FRUIT—W. Kruger, Metropolitan Market.
INSURANCE—P. A. Bender, 354 Pine to 293 California.
KNIT GOODS—D. N. Hoffman, 231 1st.
MFRS. AGENTS—C. E. Piper, 321 Market.
NOTARIES—L. A. Godall, 1 Montgomery.
REAL ESTATE—Argelo R. Duperu, 66 Post.
Morris & Kean, 931 Irving Ave.
ROPE AND CORDAGE—Tabbs Cordage Co., Kohl Bldg. to 200 Bush.
SIGNS—Stout Sign Co., 321 Market.
STUDIOS — Miss Edwards (vocal) 26 O'Farrell.
VACUUM CLEANERS—United Vacuum Cleaner Co., 1175 Market to 61 McAllister.
X-RAY—Standard X-Ray Co., 334 Sutter.
MISCELLANEOUS — Miracle Reducer Agency, 49 Geary.
LEASES—April 16, 1924—G. Talero to Mimi Delannoy—SE Cor. Broadway and Stockton. No. 691 Broadway, 60 months, $11,400.
April 12, 1924—Paul Guttman to Jos. Bares—2126 and 2128 Pine St., 5 yrs., $6600.
March 20, 1924—W. H. Healy Co. to Union Oil Co. of California—SE Pine and Franklin E alg Pine 75 x S 40-6, 3 years, $100 per month.
MISCELLANEOUS—Tang Products Co. 305 6th Ave.
Switzer & Cohn, 65 6th.
Kewanee Private Utility Co., 816 Folsom.
John R. Hansen Co., 324 Drumm.
Artistic Candle & Mfg. Co., 7 Guerrero.
F. H. Judson & Co., Royal Ins. Bldg.
Service Ship Service Corp., 419 Embarcadero.
Compagno & Corriea, 54 Washington.
Idaho Hydraulic Corp., 681 Market.
ADDRESS WANTED: Scobel & Day, commission merchants.
Distributor of "Bricko" a silver polish.
Herschoff Furnace Co.
LEASES—Jan. 31, 24—Clay Slocumb to Jow You—NE cor 5th & Howard Sts Nos 868, 872, 874 & 878 Howard st 10 yrs $48,000.
Mar 23, 23—Leon Lewin to A Amadei —1406 Fillmore St 2 yrs 7 mos $3410.
Mar 4, 24—R J O'Brien to Frank Lee and Leong Fee—S Post bet Fillmore & Webster No. 1869 Post st 5 yrs $6600
Jan 26, 24—F Boradori to Owen Sullivan and Michael Sullivan—2233 Mission st 4 yrs 4 mos $75 per mo.
Mar 24, 24—Lena, Josephine M and Henry C Schneider to Frank D Gulnac, William S Gilmore and Albert S Evans—S Golden Gate av 100 E Van Ness av E 36-6 x S 120 3 yrs 1 mo $8325.
Mar 27, 24—Emil Bendel to Frank Volkl and Henry Koethe—Fixtures etc 3119 24th 3 yrs $70 per mo.
Mar 31, 24—Horace G Williams and Maurice M Feinberg and People's Drug Store to Vincent Ruggiero and Frank Germano—SW 4th 18 SE Market SE alg 5th 14 x SE 40 inches 102 mos $15,300.
Mar 26, 24—John H. Von Husen to Clarence D Whitaker—211 Hugo st 36 mos $25 per mo.
Jan 23, 24—Cloyd L and Olive E L Fritz to George and Emma Lindsey—N California bet. Hyde & Larkin No 1470 California St 90 mos $43,200.
Mar 31, 24—Ida C Schinkel to Benjamin Jacobs—SW cor Fillmore and Post Sts No 1655 Fillmore st 5 yrs $6000.
LEASES—Jan. 25, 24—Pansy B Lewis to Mrs Marie Martinelli—NW corner Webster & Sacramento Sts No 2101B Webster st 2 yrs $70 per mo.
April 1, 24—Roy L and Angie Ebey to William and Sophia Holzmuller—SW cor Page & Steiner sts No 399 Steiner st 8 yrs $38,400.
April 8, 24—Philip Friedman to Theodoros Karas—SW cor Polk & Pine Sts 1351 Polk St 7 yrs $10,500.
April 4, 24—Richard and Nora O'Connell and Mary C O'Connell to Richard J O'Connell—E Valencia 165 S 25th S 70 E 117-6 to W Orange alley N 70 W 117-6 to beg ptn M B 183 & known as 1429 to 1443 Valencia St Reserving and excepting storeroom known as 1445 Valencia st 5 years $9300.
LEASES—April 8, 1924—D. A. and E. Horn to Sara M. Fay—SE Fillmore & California S alg. E Fillmore 87-6 x E 54 5 yrs. $38,880.
April 10, 1924—Philip A. and Marie A. Bill to Pearl Willems—W Leavenworth bet. O'Farrell & Geary No. 525 Leavenwarth St. 10 yrs. $138,060.
April 9, 1924—Gustave Spirz and Frieda Spirz to Cicero V. and Mae L. Nicholas—S Natoma bet. 6th & 7th Sts. Nos. 515, 515A & 517 Natoma St. 2 yrs. $2160.
March 21, 1924—Hotel Terminal Company to Joseph R. Green—62 Market St. Hotel Terminal bldg. 7 yrs. 1 mo. 15 days $23,650.
January 30, 1924—Samuel and Bertha Raphael to Marie Delisee—E Kearny bet. Commercial & Clay Sts. No. 638 Kearny St. 48 mos. $7200.

ENGINEER EXAMINATIONS

U. S. Civil Service Commission announces applications will be considered up to July 1 for examinations for the following positions: Engineer, entrance salary ranging from $3,800 to $5,000 a year; Associate Engineer, $3,000 to $3,600; Assistant Engineer, $2400 to $3,000 a year. Examinations are to fill vacanies in the Bureau of Standards, Department of Commerce.

Western Concrete Pipe Company has moved its plant and office to the City Industrial Tract at Bridge and McKee Sts., Los Angeles.

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.....192.....

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Official Proposals

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO CONTRACTORS

(Glen Arbor Bridge—Santa Cruz Co.)

Office of the Board of Supervisors of the County of Santa Cruz, State of California.

Sealed proposals are invited by said Board of Supervisors for the construction of a steel bridge to be known as the "Glen Arbor bridge," in the San Lorenzo Road District, Santa Cruz county, California, in accordance with the profiles, cross-sections, plans and specifications prepared by Lloyd Bowman, county surveyor, and accepted by said Board of Supervisors on April 7, 1924.

Proposals must be made on blank forms which will be furnished by the County Surveyor upon application.

Blue prints of the profiles, cross-sections, plans and specifications may be obtained from the county surveyor on deposit of $5.00, which will be refunded upon the return of the said plans and specifications in good condition.

Bids will be received **up to and including Wednesday, April 23, 1924, at 7:15 o'clock P. M.,** at which time said bids will be publicly opened. Said bids must be addressed to the Clerk of the Board of Supervisors and endorsed "Prosposals for the construction of a steel bridge to be known as the Glen Arbor bridge."

The Board reserves the right to reject any and all bids.

By order of the Board of Supervisors.
Dated: April 8, 1924.

H. E. MILLER,
County Clerk and ex-officio Clerk of said Board.

NOTICE TO BIDDERS

(Pump and Motor—Redwood City)

Public notice is hereby given that sealed bids will be received by the Board of Trustees of the Town of Redwood City, California **up to and including, Monday, the 21st day of April, at the hour of 8:00 o'clock P. M.,** for one (1) deep water turbine pump furnished and installed in an open bored well ten (10) inches diameter at the Water Works in Redwood City, also furnished and installed one (1) 15 H. P. vertical type electric motor, direct connected to pump.

Specifications may be obtained from the City Engineer or the City Clerk of the Town of Redwood City.

All bids must be accompanied by a certified check in the amount of ten (10) per cent of the total amount of bid, payable to the Town of Redwood City. Checks of unsuccessful bidders to be returned at once, check of successful bidder to be returned upon the completion of the contract.

The Board of Trustees reserves the right to reject any and all bids.

By order of the Board of Trustees of the Town of Redwood City, California.
Dated, April 7, 1924.

W. A. PRICE,
Clerk of the Town of Redwood City.

NOTICE TO BIDDERS

(Oil Burners and Boiler — Washoe County, Nevada)

Pursuant to an order of the Board of County Commissioners of Washoe County, State of Nevada, made and entered on the 5th day of April, 1924, sealed bids and proposals will be received by the undersigned at the office of the County Clerk of Washoe County, in the City of Reno, **not later than Monday, the 19th day of May, 1924, at 10 o'clock A. M., for the** installation of two oil burners of ample capacity, protected by automatic no voltage release switches, one to be installed in the fire box of the steam heating boiler and one to be installed in the firebox of the water heater, located at the County Hospital, Reno, Nevada.

Also one 1500-gallon steel oil storage tank, competely installed and connected to burners and in accordance to the ordinance of the City of Reno, No. 206.

Each bidder to furnish complete specifications of burners and tank and to service burners for one year from date of installation.

The said Board of County Commissioners reserves the right to reject any and all bids, and to accept the bid best suited to the needs of Washoe County.

E. H. BEEMER,
County Clerk.

BIDS WANTED FOR HIGHWAY IMPROVEMENT

NOTICE TO CONTRACTORS

Sealed proposals will be received by the undersigned on **April 30, 1924** for constructing portions of the State Highway system as follows:

(1) Bids received until, and opened at **1:30 P. M.** for grading, construction of culverts and placing a gravel surface in Lander County between Campbell Creek Ranch and the Summit of Railroad Pass.

(2) Bids received until, and opened at **2:30 P. M.** for grading, construction of culverts and placing a gravel surface in Eureka County between Eureka and the East County line.

(3) Bids received until, and opened at **3:30 P. M.** for grading, construction of culverts and placing a gravel surface in White Pine County between the West County line and Pancake Summit.

Plans may be examined and form of Proposal, Contract and Specifications secured at office of undersigned, may also be examined at the County Clerk's office in Austin for Lander County work, Eureka for Eureka County work and Ely for White Pine County work, the Division Engineer's office in Las Vegas, Elko or Reno and the District office of the Bureau of Public Roads, Bay Building, San Francisco, California.

Cash deposit of Fifteen Dollars ($15.00) with the undersigned required for copy of plans, which will be refunded on their return in good condition, provided, that they are returned within thirty (30) days after the opening of bids. Bids must be on proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5 per cent of the bid.

Each bidder must accompany his bid with a certificate from a Surety Company, duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said specifications, conditioned for the faithful performance of the provisions of the Contract and Specifications.

Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer,
Carson City, Nevada.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
692 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

BIDS WANTED FOR SUMMER TRAINING CAMP BUILDINGS

NOTICE TO CONTRACTORS

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal. Sealed proposals will be received here until 11 A. M., April 17, 1924, for storehouse and mess hall shelters for summer training camp at Del Monte, Calif. Information upon application.

NOTICE TO BIDDERS

Pipe—City of Yreka

Sealed proposals will be received by the Board of Trustees of the Town of Yreka up to 7:30 o'clock p. m. of May 1, 1924, for furnishing the following soil proofed steel water pipe and tee, with bolts and gaskets.

800 lineal feet of 14 gauge, 10-inch, double riveted, double dipped, flanged joint, soil proofed steel water pipe, with alternative bids on 10 and 12 gauge.

1—10-inch x 10-inch flanged tee with flanged outlet for 6 inch standard pipe, with companion flange with bolts.

Samples requested.

Certified check for 10 per cent of amount of bid requested.

The board reserves the right to reject any or all bids.

Bids to be endorsed "Proposals for water pipe" and addressed to

U. F. BROWN,
City Clerk.

NOTICE TO BIDDERS

(Merced Union High School District)

The Board of Trustees of the Merced Union High School District, Merced County, California, will receive sealed proposals up until **7:30 o'clock p. m. of April 24th, 1924,** at which time and place proposals will be considered for the furnishing and installing of electrical fixtures for the Auditorium of the Merced Union High School.

Each bidder will be required to furnish a complete description of what he is bidding upon and to submit samples and drawings for inspection.

Floor plans of the Auditorium may be procured at the office of W. E. Bedesen, Merced, Calif.

A deposit of $5.00 will be required from all contractors receiving plans. Said deposit to be refunded when plans are returned in good condition.

The Auditorium is now completed and may be inspected by the contracters between the hours of 9:00 a. m. and 4.00 p. m.

The said High School board reserves the right to reject any or all bids, to waive any formality in any bid received, or to accept any bid which in their judgment subserves the District's interest.

By order of the Board of Trustees of the Merced Union High School District, Merced County, California.

Dated, April 9, 1924.

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until **2 o'clock p. m. on May 12, 1924,** at which time they will be publicly opened and read, for construction, in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Marin and Sonoma Counties, a bridge over Petaluma Creek (IV-Mrn-Son-8-A).

The foregoing quantities are approximate only, being given as a basis for the comparison of bids, and the California Highway Commission does not, expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work as may be deemed necessary or expedient by the said Commission.

All bids are to be compared on the basis of the State Highway Engineer's estimate of the quantities of work to be done.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors, annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated: April 14, 1924.

NOTICE TO CONTRACTORS

(Corning Union High School District)

The Board of Trustees of the Corning Union High School District will receive sealed proposals at or before **12 M. Saturday, May 3, 1924,** at the High School Building, Corning, California, at which time and place bids will be opened and read in public for furnishing the labor and material for erecting and completing a proposed gymnasium structure and for alteration in the present High School Building, in accordance with plans and specifications prepared by Woollett & Lamb, Architects, 99 Mull Building, Sacramento, California. Bids will be received separately for the following classes of work and alternates:

1. General Contract for Building.
2. Electrical Wiring.
3. Plumbing.
4. Heating.

All bids must be accompanied by a certified check for 10 per cent or more of the amount of the proposal. In case this proposal is accepted, in whole or in part, and the bidder fails to execute a contract for the performance of said work, and a bond of sufficient sureties in the sum of 50 per cent of the amount of the contract to secure the faithful performance thereof, within fifteen days after such acceptance, then this certified check shall be retained by the Board of Trustees of Corning Union High School District as liquidated damages for the failure to carry out this proposal. Such contract and bond shall be in such form and of such contents as shall be satisfactory to the Board of Trustees of said Corning Union High School District.

All bids must be made out on forms furnished by the Architects.

Plans and Specifications may be obtained from Woollett & Lamb, Architects, 99 Mull Building, Sacramento, California, or Arthur Shull, Principal, Corning High School.

A deposit of Fifteen Dollars will be required from all contractors receiving plans — said deposit to be refunded when plans and specifications are returned in good condition.

The Board of Trustees reserves the right to reject any or all bids and to waive any informality in any bid received.

By order of the Board of Trustees of the Corning Union High School District, Corning, California.

By W. C. SMITH,
Clerk.

STATE OF CALIFORNIA
CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until **2 o'clock p. m., on May 5, 1924,** at which time they will be publicly opened and read for construction, in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Orange County, between Easterly Boundary and San Juan Bridge (VII-Ora.-2-A), about nine and four-tenths (9.4) miles in length, to be graded.

Solano County, between Vacaville and Batavia (X-Sol.-7-D), about eigth and three-tenths (8.3) miles in length; four tenths (0.4) miles to be paved with Portland cement concrete and seven and nine-tenths (7.9) miles to be paved with asphalt concrete.

The foregoing quantities are approximate only, being given as a basis for the comparison of bids, and the California Highway Commission does not, expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work as may be deemed necessary or expedient by the said Commission.

All bids are to be compared on the basis of the State Highway Engineer's estimate of the quantities of work to be done.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated: April 7, 1924.

NOTICE TO CONTRACTORS

(Meadow Creek Section Gold Creek—Jarbidge Forest Highway)

Sealed Proposals for constructing the above-named National Forest Highway, located within the Humboldt National Forest, County of Elko, State of Nevada, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 400 Bay Building, 9 Main Street, San Francisco California, until **9 o'clock A. M. on the 14th day of May, 1924,** at which time and place they will be publicly

(Continued on Page 33)

R. W. MOLLER

General Contractor

Office 630, 632 Call Bldg. Phone Sutter 5228

Now building the College of Pacific at Stockton

Construction Started on College of Pacific Buildings at Stockton

Contracts in the aggregate of $600,000 have been awarded for the construction of the College of the Pacific to be located at Stockton, California. The present contracts embrace the construction of the following buildings: Administration, auditorium and conservatory of music, science, girls' dormitory, dining and social hall and power plant. Plans are also complete for the boys' dormitory and gymnasium, construction for which will be let in the near future. Plans are also being considered for increasing the capacity of the girls' dormitory to twice its present size. The cost for this work will run about $200,000. A stadium to seat 20,000 is also under construction.

The campus comprises fifty acres, located on the lower Sacramento road. The academic group faces this road and also faces upon a central court. The dormitory group lies just west of the academic group with the athletic group still farther west. The dormitory group faces upon a central court in somewhat the same manner as the academic group.

All of the buildings are designed in the collegiate Gothic type of architecture, which is recognized as one of the most beautiful styles for design of college buildings. Another of the many beautiful features of the campus will be the tower of the auditorium, in which will be installed the chimes. The buildings are to be constructed of concrete footings, brick exteriors trimmed with terra cotta. Roofs are to be slate. All buildings will be metal lath and plastered throughout on the interior. The science building and dormitories will have maple floors. All other buildings with the exception of the power plant are to have Oregon Pine floors which will be covered with battleship linoleum. The floor of power house will be concrete.

The administration building includes the administrative offioes and also class rooms for the liberal arts.

The auditorium building will seat about 1500. Class rooms are also provided in this building for the music department and public speaking and expression departments. Science building is designed to house all of the science departments. A future science building is to be provided into which will be moved the physics department.

Plans are soon to be started for the president's house and house for the vice president, both of which will be located on the campus.

All buildings will be heated from a central plant, steam heat being used in all buildings with exception of the auditorium, science building and dining hall, which will have auxiliary ventilating system.

Electrical contract includes complete power and distribution system in conduit, also complete street lighting system, clocks and automatic telephone system.

The entire group was designed by Davis-Heller-Pearce Co., architects and engineers, Stockton, California, and the work is being carried on under their supervision.

The following contracts have been awarded in connection with the structures:

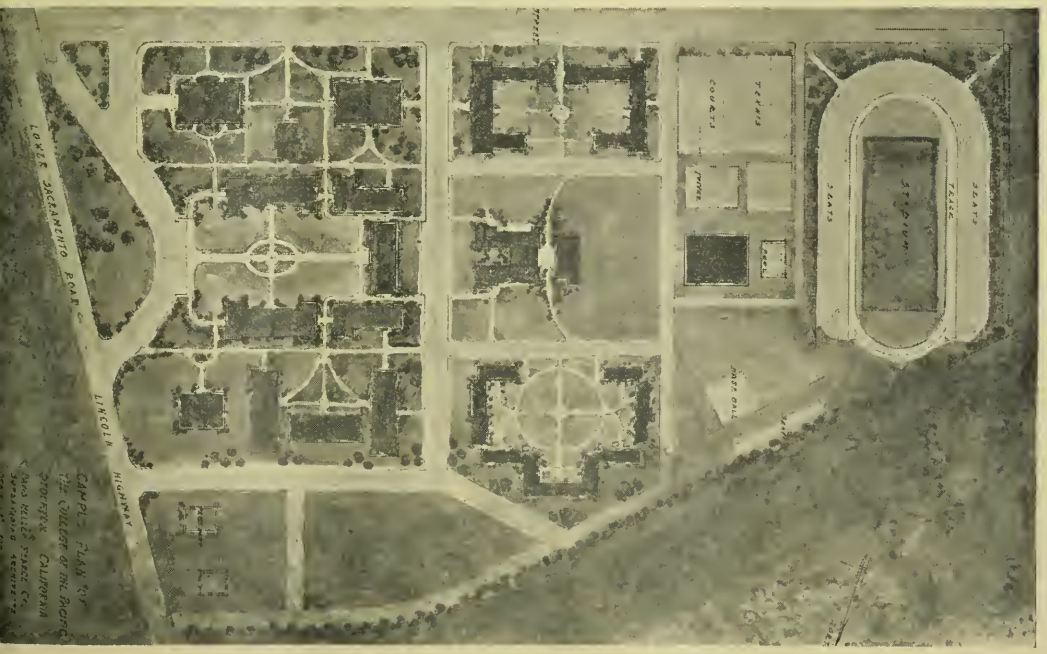
General Contract: R. W. Moller of San Francisco and Stockton.

Heating, Ventilating and Plumbing: Miller-Hays Company of Stockton.

Electrical work to Commercial Electric Company of Stockton, who has sub-let underground service to F. E. Newbery Company.

R. W. Moller, general contractor, has let the following sub-contracts in connection with his contract:

Window and door frames to Hollenbeck & Bush Planing Mill Co. of Fresno; Steel to Western Iron Works, San Francisco; Brick work to Frederickson Bros., Stockton; Terra Cotta to Gladding, McBean Co., San Francisco; Lumber and roofing to Stockton Lumber Co. of Stockton.



GROUND PLAN, COLLEGE OF THE PACIFIC, STOCKTON, CALIF.

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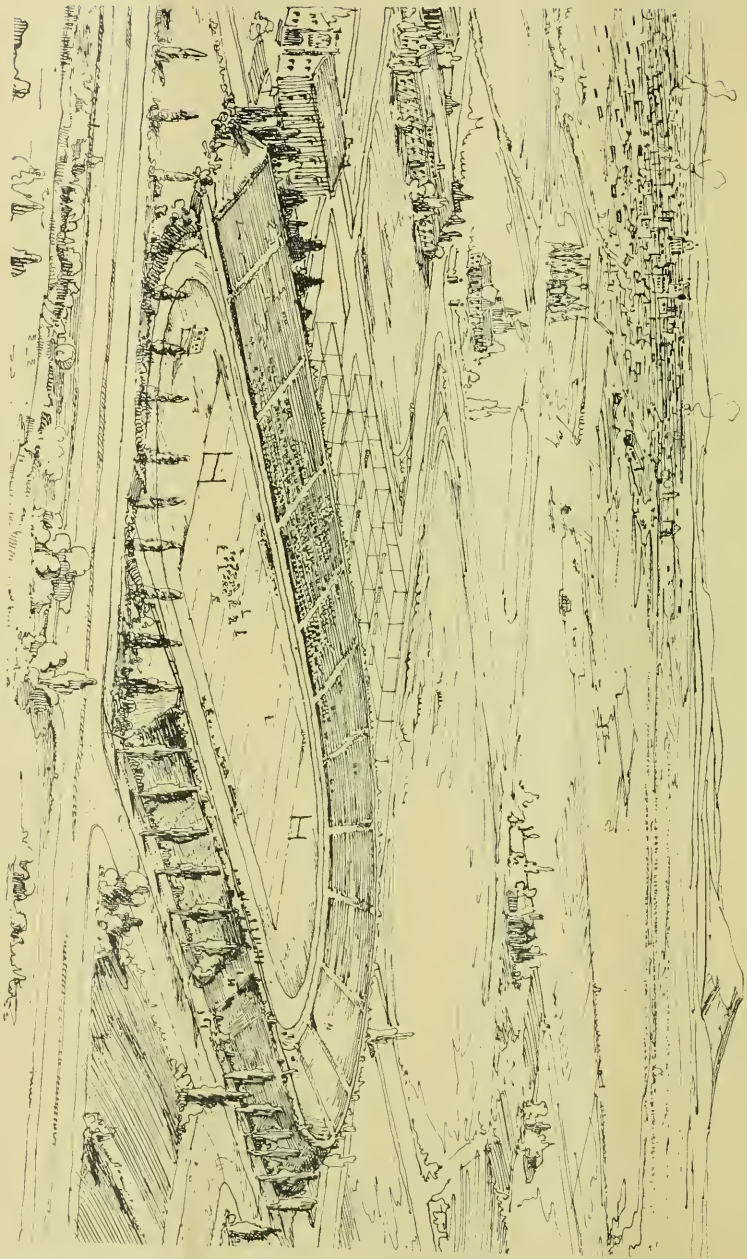

FOOTBALL FIELD AND BOWL—COLLEGE OF THE PACIFIC, STOCKTON, CALIF.

Engineering News Section

BRIDGES

REDDING, Shasta Co., Cal.—S. Severtson, Anderson, Calif., at $6174 awarded cont. by supervisors to const. 2 rein. conc. through girder bridges over Dry Creek on Anderson-Shingletown rd., one structure having 40-ft. span over east channel of creek. Other bids were: J. L. Webster, Chico, $7400; T. H. & M. C. Polk, Chico, $6244; Wm. Stephens, Redding, $7400; John Cogo & Son, Santa Rosa, 7209; C. N. Bostrom, Orland, $10,700; McKenzie & Pollard, Gerber, $8800; J. A. Varner, $9800; N. L. Thompson, Orland, $7600; V. E. Hart, Gerber, $6833; F .H. Neilson, Oakland, $9350; Delta Const. Co., Sacramento, $8349.

SANTA BARBARA, Cal. — County supervisors vote to obtain right of way for change in state highway at Gaviota Creek, and to stand half the expense of const 100-ft. bridge, in accordance with a request of the state highway commission. Owen H. O'Neill, county surveyor, estimates this bridge will cost about $20,000.

NEVADA STATE—Dodge Bros. and Dudley, Inc., Reno, at $43,218.95 awarded cont. by State Highway Comm. to const. timber trestle over Virgin river near Bunkerville, Clark county. Other bids were: Chas. H. Mull, Twin Falls, Idaho, $44,482; Beason Construction Co. Ogden, Utah, $50,450; A. D. Drumm & Son, Fallon, Nevada, $50,822.

LOS ANGELES, Cal.—No bids rec. by harbor comm., April 11, for dredging in slip 1, Berth 168.

SAN RAFAEL, Marin Co., Cal.—Until May 8, 11 a. m., bids will be rec. by Rob E. Graham, county clerk, to const. reinforced conc. culvert on Nicasio rd. in Rd. Dist. No. 5. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans on File in office of clerk. J. C. Oglesby, county surveyor.

SAN RAFAEL, Marin Co., Cal.—Until May 8, 11 a. m., bids will be rec. by Robt. E. Graham, county clerk, to construct rein. conc. bridge over Lagunitas creek at Shafter station on San Rafael and Olema rd. in Rd. Dist. Nos. 4 and 5. Cert. chk, 10% payable to Chairman of Board of Sups. req. Plans in office of clerk. J. C. Oglesby, county surveyor.

SAN JOSE, Santa Clara Co., Cal.—Until May 5, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to const. rein. conc. bridge in Shillingsburg Ave., over Seco Calero Creek in Supervisor Dist. 4. Cert. check 10% payable to county clerk req. Plans obtainable from Robt. Chandler, county surveyor.

LOS ANGELES, Cal. — Bids will be asked at once by Bd. Pub. Wks. to const. Ninth St. viaduct, the first of the six proposed viaducts to span Los Angeles river, replacing present obsolete structures. This structure will cost bet. $600,000 and $700,000. The approaches of the new viaduct will be placed beyond the tracks of Santa Fe and Union Pacific Rys., eliminating present grade crossings. Plans for Macey St. viaduct the next to be built, are nearly completed and bids will be called in the near future.

MARIN & SONOMA COUNTIES—Until May 12, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. bridge over Petaluma Creek between Marin and Sonoma counties. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

SACRAMENTO COUNTY, Calif. — State Highway Commission making surveys for new ground-level bridgs across American river in Twelfth st., Sacramento. Type of structure has not yet been determined. R. M. Morton, State Highway Eng.

DREDGING, HARBOR WORKS AND EXCAVATIONS

MERCED, Merced Co., Cal.—Following bids rec. April 8 by Merced Irrigation District to construct canals in district, (1) being bid for earthwork; (2) for hardpan and (3) for overhaul. Work segregated under 5 divisions as follows:

Division No. 1 Robinson Tract, consisting of 19,500 lin. ft. of canal. involv. 30,000 cu. yds. of excavation.

Division No. 2 Robinson Tract, consisting of 13,200 lin. ft. of canal, involv. 21,200 cu. yds. of excavation.

Division No. 3 El Capitan Colony, consisting of 17,300 lin. ft. of canal, involv. 12,500 cu. yds. of excavation.

Division No. 4, Deane Colony, consisting of 13,800 lin. ft. of canal, involv. 17,800 cu. yds. of excavation.

Division No. 5, Deane Colony, consisting of 15,100 lin. ft. of canal, involv. 17,700 cu. yds. of excavation.

C. R. Adams, Merced, Division No. 1. (1) $.165; (2) .30 (3) no bid Division No. 2, (1) .165 (2) .30 (3) no bid; Division No. 3, (1) .18; (2) .30; Division No. 5, (1) .18; (2) .30.

J. F. Shepardson, Bakersfield, Division No. 1, (1) $.197; (2) $.40; (3) $.01; Division No. 2 (1) $.197; (2) $.40; (3) $.01; Division No. 3 (1) $.21; (2) $.65; (3) $.01; Division No. 4 (1) $.21; (2) $.65; (3) $.01; Division No. 5 (1) $.21; (2) $.65; (3) $.01.

J. G. Hoskins, Turlock, Division No. 1 (1) $.1125; (2) $1.25; (3) $.16.

J. Phillips, Oakland, Division No. 3 (1) $.14; (2) $.14; (3) no bid; Divisions Nos. 4 and 5 (1) $.14; (2) $.14; (3) no bid.

Niman & Cook, Turlock, Division No. 1 (1) $.12; (2) $1.00; (3) $.18; Division No. 2, (1) $.104; (2) $1.00; (3) $.18.

C. E. Murray, Hughson, Division No. 1, (1) $.1375; (2) $.50; (3) $.04; Division No. 2 (1) $.16; (2) $.50; (3) $.04; Division No. 3 (1) $.23; (2) $.50; (3) $.04; Division No. 4 (1) $.23; (2) $.50; (3) $.04; Division No. 5 (1) $.23; (2) $.50; (3) $.04.

D. S. Towler, Turlock, Division No. 1 (1) $.15; (2) $.50; (3) $.05; Division No. 2 (1) $.15; (2) $.50; (3) $.05.

H. W. Garber, Salida, Division No. 1 (1) $.147; (2) $.50; (3) $.05; Division No. 2 (1) $.147; (2) $.50; (3) $.05.

Carbide Flare Lights
OxyAcetyleneEquipment
Goggles—Respirators
First Aid Supplies
Carried in stock
E. D. BULLARD
565 HOWARD STREET
San Francisco, Calif.
Douglas 6320

WASHINGTON, D. C. — House and Rivers Committee approves request for expenditure of $2,000,000 for breakwater improvements at Hilo Harbor, Hawaii.

LOS ANGELES, Cal.—Los Angeles harbor comm. has estimated cost of dredging slip No. 1, fronting on pier A, Wilmington, to depth of 35 ft., at approx. $80,000.

IRRIGATION PROJECTS

LOS ANGELES, Cal.—Francisco and Ellington, 1250 W 5th St., Los Angeles awarded contr. by supervisors at $647,588 to const. work in "Drainage Imp. Dist. No. 8" (items 1 to 12 incl.), and at 35c cu. yd. for excav. channel for Flood Control Dept. (item 13). The latter will be 8 to 12 ft. deep, 15 ft. at bottom, with a 1 to 1 slope. All dragline work. There is $16,000 available from Flood Control funds for this work. The drainage improvement work involves the following items: (1) 63,305 cu. yds. excav. at 60c yd; (2) 127,038 cu. yds. excav. at 60c; (3) 19,000 cu. yds A conc. at $18.25 yd. and 200 cu. yds. B conc. at $17 yd; (4) 1,146,090 lbs. reinf. steel at 7c lb.; (5) 15 type A catchbasins at $100 ea.; 10 type B at $100 ea; 8 type E at $100 ea; (6) manholes—6 type "1" at $100 ea; 5 type 2 at $110 ea; (7) 13 type "1" manhole chimneys at $75 ea; 2 type "2" at $75 ea; (8) cem. and vit. pipe—6000 ft. 8-in. pipe at 60c ft; 800 ft. 12-in. at $1 ft; (9) reinf. conc. pipe—100 ft. 24-in. pipe at $2.55 ft; 50,000 ft. 30-in. pipe at $4.60 ft; 5700 ft. 36-in. pipe at $5.80 ft; 2900 ft. 48-in. pipe at $7.60 ft; (10) 700 ft. curb at 70c ft.; (11) 2800 sq. ft. conc. sidewalk at 20c ft.; (12) 100 sq. yds. macad. paving at 15c sq. yd.; (13) Nigger Slough excav. at 35c cu. yd.

CALIFORNIA—Following is a partial list of applications filed during the month of March with the State Department of Public Works, Division of Water Rights, for permits to appropriate water:

Applications

Application No. 3880 (Tehama Co) E. B. Perrin, Los Angeles, 50 cu. ft. sec. and 12,000 ac. ft. annum from Thoms Creek for generation of electricity. 5823 theoretical h. p. to be developed.

App 3881 (Tehama Co) E. B. Perrin Los Angeles, 150 cu. ft. per sec. and 2000 ac. ft. annum from Thoms Creek, for generation of electricity. 27,272 theoretical h. p. to be developed.

App. 3882 (Tehama Co) Charles Sydney Watson, Henleyville, Cal., .71 cu. ft. per sec. from Thomas Creek, for irrigation of 57 acres. Est. cost $2500

App 3883 (San Bernardino Co) Sheep creek, surface and subsurface flow for irrigation of 2120 acres. Est. cost $150.000.

App 3884 (Placer & Nevada Cos) Bear River Water & Power Co., Auburn, Cal., 250 cu. ft. sec. and 100,000 ac. ft. per annum from Bear River for generation of electricity. 42,994 theoretical h.p. to be developed.

App 3885 (Placer Co) Bear River Power Co., Auburn, Cal., 250 cu. ft. sec. and 100,000 ac. ft. annum from Bear River for irrigation of 200,000 acs within boundaries of Placer Irrigation District.

App 3886 (Tuolumne Co) James C. Foss Jr., Groveland, Cal., 2 cu. ft. per sec. from Jawbone Creek for power to operate Eleanor Mill and King Tut mine. Est. h.p., 56.8.

App 3887 (Amador Co) M. J. Plasse et al, Jackson, Cal., .077 cu. ft. per sec. from spring for domestic purposes to supply summer home tract of 20 acres. Est. cost $700.

App 3888 (Sierra & Placer Cos) Feather River Power Co., San Francisco 4000 ac. ft. per annum from Gold Lake for generation of electricity. Supple-

mentary to App No. 2195 for 15,000 ac. feet).

App 3889 (Plumas Co) Feather River Power Co., 23,000 ac. ft. per annum from Bucks Creek for generation of electricity (Supplementary No. 2195 for 55,000 ac ft. per annum)

3890 (Plumas Co) Feather River Power Co., 37,000 ac. ft. annum from Grizzly Creek, for penetration of electricity. (Supplementary to App No. 2191 for 55,000 ac. ft. per annum.

App 3891 (San Bernardino Co) Richard G. Rinpo, Los Angeles, .05 cu. ft. sec. from unnamed stream for domestic purposes at mountain resort. Est. cost $1000.

App 3895 (El Dorado Co) E. D. N. Lehe, Sacramento, 2000 ac. ft. annum from Star Lake, for generation of Electricity. 356 theoretical h.p. to be developed.

App 3896 (San Bernardino Co) Big Bear Realty Corporation, Los Angeles .025 cu. ft. sec. from unnamed spring for domestic purposes. Est cost $10,000.

App 3898 (Inyo Co) M. A. Fagan, Trona, Cal., 50 cu. ft. sec. from two springs for domestic and stock watering purposes. Est. cost $2000.

App 3900 (Glenn Co) Butte City Ranch, Butte City, Cal., 31.92 cu. ft. sec. from Sacramento River for irrigation of 2554 acres.

.3901 (San Bernardino Co) Alfred Violette, Long Beach, 50,000 ac. ft. per annum from Antelope Creek (surface and subsurface) for domestic purposes and irigation of 15,000 acres. Est. cost $260,000.

App 3902 (Riverside Co) R. E. Bailiff, Cabazon, Cal., .37 cu. ft. sec. and 15 ac. ft. annum from an unnamed canyon for domestic purposes and irrigation of 30 acres. Est. cost $1500.

App 3907 (San Benito Co) David Dalzell, Hollister, Cal., 0.45 cu. ft. per sec. from San Benito River for irrigation of 36 acres. Est. cost $1500.

App 3908 (Nevada Co) G. de Brettevilie, San Francisco, 25 cu. ft. per sec. from Shady Creek for hydraulic mining Est. cost $5000.

3909 (Yuba & Nevada Cos) G. de Brettville, for 250 cu. ft. per sec. and 30,000 ac. ft. from middle Fork of Yuba River for generation of electricity. Est cost $$3,500,000. 24,148 theoretical h.p. to be developed.

App 3911 (Nevada Co) Chas. J. Lyser North Bloomfield. Cal., 10 cu. ft. per sec. from Poorman's Creek for power purposes, 184 theoretical horsepower to be developed. Est. cost $8000.

App 3913 (Inyo Co.) Big Pine Mining Co., Big Pine, Cal., 0.022 cu. ft. per sec from Wacobe Canyon for domestic and mining purposes. Est. cost $10.000.

App 3914 (Sacramento Co) McCormack-Williamson Co., Sacramento, 19.8 cu. ft. sec. from Mokelumne River, Snodgrass Slough and Dredger Cut for irrigation of 1589 acres.

App 3915 (Solano Co) Mathews and Webber, Sacramento, 2.5 cu. ft. per sec. from West Levee Borrow Pit Reclamation District No. 999 for irrigation of 200 acres.

App 3918 (Plumas Co) U. S. Forest Service, Quincy, Cal., 1 cu. ft. per sec. from Toll Gate Creek, for domestic purposes for recreation site of City of Oakland. Est. cost $2000.

App 3920 (Sierra Co) Sovereign-Comet Gold Mining Co., Downieville, Cal., 5 cu. ft. per sec. from Ladies Canyon for power purposes, 128 theoretical h.p. to be developed.

App 3922 (Trinity Co) Big Bar Mining Co., Richmond, Cal., 22.3 cu. ft. sec. from Trinity River for hydraulic mining. Est. cost $75.000.

App. 3923 (Mono Co) C. E. Loose, Provo, Utah, 230 cu. f t.per sec. and 10,000 ac. ft. annum from East Walker River, for power purposes. Flume and pipe line to be 6 4/ miles long.

App 3924 (San Bernardino Co) B. C. Donnell, Cabazon, Cal., 0.04 cu. ft. per sec. from spring in 49 Balm Canyon for domestic purposes and irrigation for 20 acres. Ets. cost $5000.

App 3925 (Tuolumne Co) Oakdale Irrigation District, Oakdale for 60,000 ac ft. annum from Middle Fork Stanislaus River for domestic purposes and irrigation of 74,246 acres. Est. cost, $1,500,000.

App 3926 (Inyo Co) Pierson Mines, Independence, Cal. 0.5 cu. ft. sec. from Green Water Spring for domestic and industrial purposes. Est. cost $5000.

App 3927 (Santa Barbara Co) Owen E Hollister, Lompoc, Cal., 1 cu. ft. sec. from Santa Inez River for irrigation of 80 acres. Est. rost $2000.

App 3931 (San Bernardino Co) F. F. Long, Lankershim, Cal., .5 cu. ft. sec. from North Fork of White Water River for domestic purposes and irrigation of 40 acres. Est. cost $2500.

App 3933 (San Mateo Co) Dante Diaanda & John Patroni, Half Moon Bay, 1.88 cu. ft. sec. and 24 ac. ft. per annum from McMahon Creek for irrigation of 150 acres. Est. cost $8000.

Permits

Following is a list of the more important permits granted by the Division during the month of March to appropriate water.

Permit No. 1677 (San Bernardino Co) Issued to Cajon Lime Products Co., Cajon, Cal., 0.1 cu. ft. sec. from an unnamed spring for mining and domestic purposes. Est. cost $2500.

Permit No. 1679 (Alpine Co) H. F. Dangberg Land & Live Stock Co., Minden, Nevada, 4160 ac. ft. annum from Monitor Creek and unnamed tributaries for irrigation of 3640 acres. Est. cost $56,580.

No. 1681 (Butte Co) Edwin W. Ehmann, Oroville, Cal., 1.25 cu. ft. sec. from Main Ditch of Drainage District No. 100 for irrigation of 100 acres. Est. cost $2000.

No. 1682 (Nevada Co) Pacific Gas & Electric Co., San Francisco, for 26,670 ac. ft. annum from Fordyce Creek for power purposes. Proposes to develop 17,170 t.h.p. Est. cost $745,500.

No. 1683 (Nevada & Placer Cos) Pacific Gas & Electric Co. for 100 cu. ft. per sec. from Bear River for power purposes. Propose to develop 8693 t.h.p.

No. 1684 (Nevada Co) Pacific Gas & Electric Co., 26,670 ac. ft. annum from Fordyce Creek for irrigation of 14,120 acres. Est. cost $745,500.

Edward Hyatt, Jr., is acting chief of the Division of Water Rights with headquarters at Sacramento.

22

BLYTHE, Imperial Co., Cal.—Until 10 a. m., May 3, bids will be rec. by board of directors of the Palo Verde Drainage Dist. for the construction of certain portions of drainage system, known as West Side Drain, Lovekin Branch Drain, Palo Verde Drain and Rannell's Drain. The work consists of approx. 36.2 mi. of open drain, 385 acres clearing, 1,450,000 cu. yds. excav.; constructing various flumes and other structures involving 10,500 lin. ft. piling, 293,000 ft. B. M. lumber, 975 ft. metal flume, 9000 lbs. reinf. steel, 1080 lin. ft. metal culvert pipe, 240 cu. yds. conc. Plans and spec. may be obtained upon deposit of $20. Cert. check 10%. A. T. Galloway, secy. F. F. Friend, chief engr. D. W. Murphy, Hollingsworth Bldg., Los Angeles, consulting engineer.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—Until 10 a. m., April 28, bids will be rec. by Bd. Pub. Wks. to const. ornam. lighting system in South Park Ave. bet. Jefferson St. and 30 ft. n of Slauson Ave., involv. 177 pressed steel lighting posts, 1911 act. Plans on file at office of city engr. 405 s city hall annex.

PASADENA, Cal.—W. A. McNally 517 S Broadway, Pasadena, awarded contr. by city directors at $5120 to const. lighting systems in Congress Pl., bet. Orange Grove Ave. and St. John's Ave. E. A. Irish Bid $5289.

LOS ANGELES, Cal. — A. C. Rice, 1963 Santee St., was awarded cont. by Bd. Pub. Wks at $16,897 to const. lighting system in Beacon St., bet. 7th and 14th Sts.

J. C. Rendler, Inc., 625 S Main St., awarded contr. at $26,988 to construct lighting system in Pasadena Ave., bet. Ave. 61 and Ave. 54.

LOS ANGELES, Cal.—Until 10 a. m., April 28, bids will be rec. by board of public works for constructing ornam. lighting system in South Park Ave. bet. Jefferson St. and 30 ft. n of Slauson Ave. involving 177 pressed steel posts.

MACHINERY AND EUIPMENT

COLTON, Cal.—Until 8. p. m., April 17, bids will be rec. by city trustees for 1½-ton truck, with cab, platform. 140-in. wheel base, 6-in. pneumatic cord truck tires on rear wheels and 4½-in. pneumatic cord truck tires on front wheels. Olive Philips, city clerk.

YUBA CITY, Sutter Co., Cal.—Case Amacher, Broderick. Calif., at $3860, awarded cont. by Sutter and Colusa County supervisors to construct ferry to operate at Grimes.

FELLOWS, Kern Co., Cal.—Until Apr 26, bids will be rec. by P. E. Williams, clerk, Midway School District, to fur. motor truck; 22 h.p. bore 3¾-in; stroke 4-in.; worm and gear drive with body and driver's cab. Further information obtainable from clerk.

RAILROADS

LOS ANGELES, Cal.—Until 2:30 P. M., April 25, bids will be rec. by harbor comm., 312 Bryne Bldg., for 75 lb. A. S. C. E. rail and accessories. Spec. 610. J. G. Starr, secretary.

MISCELLANEOUS SUPPLIES

LOS ANGELES, Cal—Until 3 p. m. April 18 bids will be rec. by public service comm., 207 S. Bdwy., for 1000 pcs. riveted sheet steel pipe under Adv. No. W-232.

Until 3 p. m., April 22, bids will be rec. for 10,000 closed eye bolts under Adv. P-231.

Until 3 p. m., April 22, bids will be rec. for iron and steel castings under spec. P-325-403. Jas. P. Vroman, secy.

RESERVOIRS AND DAMS

CALIFORNIA—See "Irrigation Projects,' this issue. Applications filed with and permits issued by State Department of Public Works, Division of Water Rights, for water appropriations.

MULTNOMAH, Ore.—Until April 19, 3.30 p. m., bids will be rec. by Multnomah Water Co., care Multnomah Commercial & Svgs Bk Multnomah, to const rein. conc. reservoir of 200,000 gals. capacity. Plans obtainable from P. M. Hall-Lewis, engineer, 319 Henry Bldg., Portland, Ore.

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PIPE LINES, WELLS, ETC.

CALIFORNIA—See "Irrigation Projects," this issue. Applications filed with and permits issued by State Department of Public Works, Division of Water Rights, for water appropriations.

LONG BEACH, L. A. Co., Cal.—Application has been made by the Southern California Edison Company for permission to install and maintain a 10-in. water pipe across (under) Cerritos Channel, Long Beach, about one-eighth of a mile westerly from Long Beach Harbor. Map showing location of the proposed pipe will be on exhibition in the office of the U. S. Engr., 725 Central Bldg., Los Angeles, until 11 a. m., Saturday, April 10. E. D. Ardery, Major, Corps of Engineers, District Engineer.

SEWAGE DISPOSAL PLANTS

LA HABRA, Cal.—See "Streets and Sewers" this issue.

WATSONVILLE, Santa Cruz Co., Cal —Professor Hyde of the U. of C. conferring with city council regarding construction of sewage treatment plant

MISCELLANEOUS CONSTRUCTION

VANCOUVER, B. C.—Until May 5, 12 M. bids will be rec. by Percy Lewis, Purchasing Agent, Burrard Power Co., Ltd., 425 Carrall St., Vancouver, B. C., to const. Alouette-Stave tunnel, involv the driving of approx. 3400 ft. of main tunnel, 14-ft. in dia.; 4000 cu. yds. rock excavation in shafts, intake and surge chamber; 1000 cu. yds. conc. etc. Plans obtainable from above on deposit of $25, returnable.

WATER WORKS

SANTA CRUZ Santa Cruz Co. Cal.—California Filter Co. San Francisco at $15,985 submits only bid to city council to furnish and install filter plant for municipal water works; plant would have capacity of 2,000,000 gals. a day. Taken under advisement.

SANTA MONICA, Cal.—Until 10 a. m. April 22 bids will be rec. by the council to fur. one pumping unit to consist of pump, base, motor, starter and relay. Horizontal, centrifugal pump, direct connected to 220-volt motor, mounted on cast iron base; to deliver 1000 gals. per minute against 200 ft. head. Terms, cash with order. John A. Morton, comm. of public works. F. A. Helton, ex-officio city clerk.

CALIFORNIA—See "Irrigation Projects" this issue. Applications filed with and permits issued by State Department of Public Works, Division of Water Rights, for water appropriations.

FAIRFIELD, Solano Co., Cal.—Until April 21, 11 a. m., bids will be rec. by G. G. Halliday, county clerk, to fur. and install sprinkler system in courthouse grounds. Bidders to furnish specifications. Further information obtainable from clerk.

WILLIAMS, Colusa Co., Cal.—City of Williams seeks approval of State Railroad Commission to purchase system of Williams Water and Electric Co to operate as municipal project, at a cost of $12,500.

SAN JOSE, Santa Clara Co., Cal. — Henry A. Pfister, county clerk, will sell to highest bidder, April 21, 10 a. m. a large tank, frame and structure; materials may be inspected at Corporation Yard, Washington and Poplar Sts. Santa Clara. Further information obtainable from clerk.

YREKA, Siskiyou Co., Cal. — Until May 1, 7:30 p. m., bids will be rec. by U. F. Brown, city clerk, to fur. 800 lin. ft. 14-gauge 10-in. double riveted, double dipped, flanged joint, soil proofed steel water pipe (with alternative bids on 10 and 12-gauge); one 10-in. by 10-in. flanged tee with flanged outlet for 6-in. stand. pipe, with companion flange with bolts. Cert. check 10% req. with each bid. Further information obtainable from clerk. **See call for bids under official proposal section in this issue.**

SANTA CRUZ, Santa Cruz Co., Cal.—California Filter Co., Merchants Exchange Bldg., San Francisco, at $15,985 awarded cont. by council to install filter for municipal water works; will have 2,000,000 gal. daily capacity.

EUGENE, Ore.—City council authorizes fire and water committee to purchase 18 fire hydrants at $55 each.

LEMOORE, Kings Co., Cal.—Thompson Bros., Divisadero and H Sts., Fresno, at approx. $12,000 awarded cont. by city trustees to install approx. 1 mi. of water mains and 10 fire hydrants.

TILLAMOOK, Ore., City Water Commission votes to extend 18-in. steel pipe line for distance of approx. 2-mi.

NEWHOPE, Cal.—Until 2 p. m., bids will be rec. by Newhope Drainage Dist. at office of R. L. Loucks, Santa Ana, to fur. drain pipe as follows: 5150 ft. 30-in. B. & S. pipe; 9058 ft. 24-in. 2770 21-in., 3080 ft. 18-in., S. P.; 15,292 15-in., 3308 14-in., 7799 12-in., 26,207 ft. 10-in., and 42,626 ft. straight pipe. Pipe is to be delivered within 5 mos. from date of contract or from written notification of engr. R. L. Loucks, city hall.

KELSO, Wash.—City will vote bonds of $250,000 to finance construction of water system. Barr and Cunningham, consulting engineers, Spalding Bldg., Portland.

SAN FRANCISCO — See "Government Work and Supplies," this issue. Bids opened for pump.

SEWERS & STREET WORK

LOS ANGELES, Los Angeles Co., Ca.—Bids received by county supervisors April 14, for improving Pomona Blvd., east of the town of El Monte. 1800 lin. ft. or .91 mi. (Cash contract No. 216), involving (1) 2711 cu. yds. excav; (2) 16,000 sq. yds. shaping; (3) 2133 cu. yds. removing old macad; (4) 16,000 sq. yds. replacing sub-base; (5) 16,000 sq. yds. concr. pavement; (6) 4800 lin. ft. shaping shoulders, were:

Geo. R. Curtis—(1) $1; (2) 9c; (3) $1; (4) 30c; (5) $1.20; (6) 10c.

Griffith Co.—(1) 60c; (2) 10c; (3) 70c; (4) 35c; (5) 1.1; (6) 10c.

Ed Johnson & Con.—(1) $1; (2) 5c; (3) $1; (4) 30c; (5) 79c; (6) 3c.

J. Paul Benson—(1) 70c; (2) 10c; (3) 75c; (4) 30c; (5) $1.05; (6) 5c.

SAN FRANCISCO, Cal.—The following bids were received on April 16, by C. H. Sweetser, District Engineer of the Bureau of Public Roads, 9 Main St., S. F., for surfacing the Mineral Section, Red Bluff-Susanville Lateral of the National Forest Highway located partly within the Lassen National Forest, County of Tehama.

The project to be surfaced is located about 32 miles east of Red Bluff, California. The length of the project is approximately 12 miles.

The principal item of work is as follows: 17,800 cu. yds. crushed rock surfacing. The bids were forwarded to Washington with the recommendation to award the contract to the lowest bidder.

Englehart Paving & Construction Co., Eureka	$70,891.60
Wm. Bonderhellen, Medford, Oregon	73,540.00
Isbell Constr. Co., Fresno	81,922.00
W. J. Taylor, Fresno	86,006.00
Tieslau Bros., Berkeley	86,648.80
M. C. & T. H. Polk, Chico	87,448.00
Arris-Knapp, Oakland	88,956.00

WOODLAND, Yolo Co., Cal.—Citizens of Winters and Vacaville urging construction of new paved highway linking the two cities. Mass meeting to forward project will be held shortly.

SAN FRANCISCO — The Municipal Construction Co., 306 12th St., Oakland, at $34,894.85 submitted the lowest bid to the San Francisco Board of Public Works to imp. Marina Blvd., bet. Steiner and Lyon Sts., est. cost $55,000. Project involv. 87,907 sq. ft. asph. pavement with 6-in. foundation, 1½-in. binder course and 1-in. wearing surface; 20,808 sq. ft. art. stone walks; 3304 lin. ft. conc. curb; 6608 sq. ft. vertical fibre brick gutter; 650 lin. ft. r.w. header; 510 lin. ft. pipe culvert; 50 lin. ft. 15-in. pipe sewer; 268 lin. ft. 12-in. pipe sewer; 100 lin. ft. 10-in. pipe sewer; 13 12-in. wye branches; 1 brick manhole; 17 brick catchbasins.

SANTA ANA, Cal.—B. R. Ford, 407 W 17th St., Santa Ana, awarded contr. by Supervisors at $16,796.73 to grade and gravel portions of (1) Broad St., (2) East St. and (3) North St. Tre bid was: (1) $8571.63; (2) $5086.50; (3) $3138.60. Other bids were:

Pasich Bros. Co.—(1) $10,230.24; (2) $3597; (3) $3639.30; total, $19,266.64.

B. S Bruce—(1) $10,597.77; (2) $,-334.50; (3) $3790.65; total, $19,721.92.

Wells & Bressler—(1) $10,534.25; (2) $5784; (3) $3886.25; total, $20,204.80.

28

HUNTINGTON BEACH, Cal.—Geo. M. Souter, Box 626, Huntington Beach, awarded contr. by city trustees to pave continuation of Ocean Ave. (also known as the Coast Blvd.) bet. 1st St. and the city limits, involving 95,675 sq. ft. subgrade 1.5c ft; 95,675 sq. ft. 4-in. asph. conc. base 14c ft.; 95,675 sy. ft. 2-in. Willits paving 12c ft. L. F. Gates, city engr.

SAUSALITO, Marin Co., Cal.—Town trustees, W. Z. Tiffany, clerk, declare inten. to imp. portions of Johnson, Pine, Turney Sts., etc., grade; pave with cem. conc. and 5-in. bit. macadam hyd. cem. conc. curbs and gutters; hyd. cem. conc. headwalls; 36-in. cem. pipe storm sewers, 1 br. catchbasin, etc. 1911 Act and Bond Act 1915. Protests May 2. Howe and Peters, engineers, 24 California St., San Francisco.

SOLANO COUNTY, Calif.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, May 5, for 8.3-mi. of highway in Solano county, between Vacaville and Batavia, 0.4-mi. to be paved with Port. cem. and 7.9-mi. pave with asph. conc. The project involves 30,900 cu. yds. roadway excavation without classification; 300 cu. yds. structure excavation without classification; 3250 tons crushed gravel or stone (shoulders); 830 cu. yds. A conc. (pavement, shoulders and repairs to existing pavement); 24,550 tons asph. conc. (pavement, shoulders and repairs to existing pavement); 220 cu. yds. A cem. conc. (structures); 1900 sq. yds. furnish and place rein. steel (pavement); 190 hundredweights bar rein. steel in place (structures); 28 lin. ft. 12-in., 114 lin. ft. 18-in., and 96 lin. ft. 24-in. corrugated metal pipe; 100 cu. yds removal of conc. in existing pavement; 4 monuments. Commission will furnish corrn. metal pipe.

MERCED, Merced Co., Cal. — Until April 28, 8 p. m., bids will be rec. by W. W. Cornell, city clerk, to imp. 13th St., bet. J and M Sts., includ. all intersections excepting M St., involv. grade and pave 36 ft. wide with 2½-in. asph. conc. Willite base and 1½-in. asph. conc. Willite wearing course with seal coat; comb. hyd. conc. curbs and gutters. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Plans on file at office of city clerk.

ORANGE COUNTY, Calif.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, May 5, to grade 9.4-mi. in Orange county, bet. East boundary and San Juan Bridge. The project involv. 17,000 cu. yds. roadway excavation without classification; 17,-400 sta. yds. overhaul (2 stations or less); 106,000 sta. yds. overhaul (greater than 2 stations); 750 cu. yds. structure excavation without classification; 330 cu. yds. A cem. conc. (structures); 216 hundredweights bar rein. steel in place (structures); 78 lin. ft. 13-in., 394 lin. ft. 18in., 290 lin. ft. 24-in., and 12 lin. ft. 36-in. corru. metal pipe. Commission will furnish corru. metal pipe.

OAKLAND, Cal. — Council, E. K. Sturgis, city clerk, declares inten. to imp. Campbell St., from 13th St. n.e. involv. const. of sewer with wye branches, lamphole and manhole. 1911 Act. Protests May 1. W. W. Harmon, city engineer.

REDLANDS, Cal.—City trustees plan paving on four sts. including Washington St., bet. Lugonia and Delaware Aves.; Buena Vista St., bet. Brookside and Fern Aves. Geo. S. Hinckley, city engineer.

FRESNO, Fresno Co., Cal.—County Supervisors authorize $42,000 improvements in recently created Improvement District No. 8 and a resolution of intention providing for the work has been passed. Dan Chamberlain is eng. for district.

BAKERSFIELD, Kern Co., Cal.—Until April 28, 10:30 a. m., bids will be rec. by F. E. Smith, county clerk, to imp. portions of County Roads Nos. 498 and 269. Cert. check 10% payable to county req. Plans on file in office of clerk.

PLACENTIA, Cal.—City of Placentia votes to const. sewer system to join outfall sewer direct to ocean. This is said to be the first system ever constructed in Southern California by a city of this size.

VENTURA COUNTY, Calif.—As Previously reported, bids will be opened by State Highway Commission, Forum Bldg., Sacramento, April 28, 2 p. m., for highway unit in Ventura county bet. Sea Cliff and Rancho El Rincon, 1.2-mi. to be graded, paved and protected by sea wall. Project involves: 63,100 cu. yds. roadway embankment without classification; 17,050 cu. yds. structure excavation without classification; 6910 lin. ft. subgrade (preparing and shaping); 4020 cu. yds. class A cem. conc. (roadway pavement, curbs, gutters and sidewalk); 16,250 cu. yds. class A cem. conc. (sea wall); 990 cu. yds class E cem. conc. (culverts); 845 hundredweight bar reinf. steel in place.

HANFORD, Kings Co., Cal. — Until May 7, 11 a. m., bids will be rec. by supervisors to pave curves on Hanford-Lemoore sections of state highway—Yoakum, Lemoore and Browndale corners, with 6-in. conc. Plans obtainable from County Surveyor Roy May.

FERNDALE, Humboldt Co., Cal. — Oakland Sewer Const. Co., (Manuel Smith), 1003 85th Ave., Oakland, at $7050 awarded cont. by city trustees to const sewer in Fifth St.

VENICE, Cal.—Until 10 a. m., April 22, bids will be rec. by city trustees to imp. 35th Pl., 36th Ave., 36th Pl., 37th Ave., Canal Court, Pacific Court, and portions of other streets; grade; pave const. complete san. sewer, with sump, pumps, ets. Cert. check or bond 10%. T. H. Hanna, city clerk.

TURLOCK, Stanislaus Co., Cal.—Until May 6, 8 p. m., bids will be rec. by A. P. Ferguson, city clerk, to improve North 1st St. from Park St. to pavement in place in North-First St., involving grading and paving with 3-in. to 6-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; conc. curb and gutter. 1911 Act & Bond Act. Cert chk. 10% payable to city req. Horace Hall, city engineer.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 46 Kearny St., San Francisco, (Builders' Exchange, San Jose), awarded cont. by council to imp. Hensley Ave., bet. 2nd and 4th Sts., involv. grading; pave with 1½-in. Durite asph conc. surface on 3-in. Durite asph. conc base; hyd. cem. conc. curbs and gutters; 1 br. catchbasin; 8-in. vit. pipe drains; 2 hyd. cem. conc. storm water inlets.

R. H. Crummey, 121 Pearl St., Oakland, awarded cont. to imp. Locust St., bet. Willow St. and south city limits, involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bit. conc. base; hyd. cem. conc. curb, gutter and walks; 2 br. catchbasins; 8-in. vit. pipe drains; 4 cem conc. inlets.

NEVADA STATE — Until April 30, 1:30 p. m., bids will be rec. by State Highway Commission, Geo. W. Borden, state highway engineer, to const. 13.65 mi. in White Pine County, bet. Pancake Summit and West county line, involv. 70,000 cu. yds. unclassified excavation; 15,782 yd. sta. overhaul; 13.65-mi. prepare subgrade and shoulders; 15,000 cu. yds. load and screen gravel; 24,400 yd. mi. haul gravel; 15,000 cu. yds. spread gravel; 42 cu. yds. A conc; 640 lin. ft. 15-in., 915 lin. ft. 18-in., 272 lin. ft. 24-in., 122 lin. ft. 30-in. and 164 lin. ft. 36-in. corru. metal pipe;; 175 cu. yds. dry rubble masonry; 38 monuments; 5 sign posts. Plans obtainable from office of commission at Carson City on deposit of $15, returnable, and are on file in office of U. S. Bureau of Public Roads, 9 Main St., San Francisco. **See call for bids under official proposal section in this issue.**

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—Until April 28, 7.30 p. m., bids will be rec. by Daniel McSweeney, city clerk, to const. system of sewers in territory lying west of Chestnut Ave. Cert. check 10% payable to city req. Plans on file at office of clerk. Geo. A. Kneese, Courthouse, Redwood City, engineer.

OAKLAND, Cal.—Council, E. K. Sturgis, city clerk, declares inten. to E-12th Street Place from High to E-12th St. and portions of 12th St., bet. Foothill Blvd. and 51st Ave. and portions of 29th and 44th Aves., etc., involv. grading and paving; const. curbs and gutters; culverts, storm water inlets; sewers, manholes, catchbasins, etc. 1911 Act. Protests May 1. W. W. Harmon, City Engineer.

BURBANK, Cal.—Until 7:30 P. M., April 29, bids will be rec. by city trustees to imp.:

1st St., bet. Magnolia and Verdugo Aves., 2320 ft., involv. grade; pave with 6-in. concrete.

Bonnywood Pl., bet. Cypress Ave. and end of Bonnywood Pl., 800 ft., involv. grading; cem. curbs, walks, and oil macad, paving.

Santa Anita Ave., bet. 8th and 10th Sts., 1000 ft. grade and pave with oil macad., const. curbs and walks.

Cert. chk. or bond, 10%, in each case. Plans on file at the office of city clerk, F. S. Webster.

SANTA CRUZ, Santa Cruz Co., Cal.—As previously reported, bids will be rec. by H. E. Miller, county clerk, on April 23, 3:15 P. M., to const. Glen Arbor Bridge in San Lorenzo Road Dist.; will be steel construction; est. cost, $10,000 to $15,000. Plans obtainable from County Surveyor Lloyd Bowman on deposit of $5, returnable. **See call for bids under official proposal section in this issue.**

SAN RAFAEL, Marin Co., Cal.—Guerin Bros., 425 Fourth St., San Francisco, at $53,858 submits low bid to county supervisors to improve portions of Manzanita and Bolinas county road. Other bids were: A. J. Fairbanks, $59,932; T. J. McGill, $66,477; C. R. Adams, $68,160; Irey & Holden, $69,711; Standard Indst. Eng. Corp., $75,429; J. Welsh, $77,757; Giddings & White, $78,322; Isbell Constr. Co., $85,500; C. E. Bradley, $85,999; C. Willett, $98,750. Taken under advisement.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—C. J. Lindgren, Burlingame, at approx. $61,700 awarded cont. by city trustees to imp. portions of alley between Grand and Miller Ave.; alley ber. Grand and Baden Ave.; alley bet. Baden and Commercial Ave.; alley bet. Commercial and Railroad Ave.; alley bet. Grand and Baden Ave.; Ave. and portion of alley bet. Lux and Miller Ave., involv. grade; pave with 5-in. cem. conc. and portions to be paved with 4-in. cem. conc. base with 1½-in. asph. conc. surface; cem. conc. walks; comb. cem. conc. curbs and gutters; br. catchbasins, etc. Next two low bidders were: W. A. Dontanville, $62,490; Eaton & Smith, $64,475.

REDWOOD CITY, San Mateo Co., Cal.—County Surveyor Geo. A. Kneese preparing spec. to imp. Half Moon Bay-San Mateo Road in 4th Rr. Dist., for approx. 1¼ miles. Spec. also being made to imp. Half Moon Bay-San Mateo Rd. from 4th township line to top of mountain in 2nd Rd. Dist.

SAN JOSE, Santa Clara Co., Cal.—Until May 5, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to imp. following roads:

Randol Ave. in Supervisor District No. 4.

Sierra Ave. in Supervisor District No. 4.

Singletary road in Supervisor District No. 4.

Hanchett Ave. in Supervisor District No. 4.

Yosemite road in Supervisor District No. 4.

Extension of Bodfish Mill Road in Supervisor District No. 1.

Fleming Ave. in Supervisor District No. 3.

Landess Ave. in Supervisor District No. 3.

Separate bids are desired for each improvement. Cert. check 10% payable to county clerk. Plans obtainable from Robt. Chandler, county surveyor.

SANTA MONICA, Cal.—Kneen Paving Co., Dudley Bldg., Santa Monica, submitted low bid to council at $66,376 to pave Pennsylvania Ave., involv. 362,382 sq. ft. grading for oil and rock pavement 2.6c ft.; 32,240 sq. ft. grading for bitul. pavement 3c ft; 107,379 sq ft. subgrading for oil and rock pavement 1c ft.; 53,690 sq. ft. subgrading for bitul. pavement 1½c ft.; 461,813 sq. ft. oil and rock paving 5.6c ft.; 85,930 sq. ft. bitul. paving 19.5c ft.; 51,769 sq. ft. walk 19.5c ft; 2335 ft. curb 58c ft.; bringing 8 manholes to grade $5 ea. Other bids were: Sander Pearson, $77,010.86; W. F. Crawford, $78,911.95.

SAN DIEGO, San Diego Co., Cal. — City Engr. F. A. Rhodes has completed plans for a new sewer system in Mission Beach, work involving 27,945 lin. ft. 6-in. cem. conc. pipe; 5470 ft. 10-in. cem. conc. pipe; 6781 lin. ft. 12-in. cem. conc. pipe; 865 lin. ft. 8-in. cast iron pipe; 40,196 lin. ft. trenching and laying sewers from 4 to 12 ft. deep; 87 conc. manholes with cast iron covers; 40 drop manholes, conc. with cast iron covers; 46 deadends; 13 deadends with cross; 6 flush tanks; 3 pump stations with houses and equipment; 1 settling tank; 1200 lin. ft. cast iron pipe, outfall. Work will be done under the 1911 act. Protest date May 5th.

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SAN JOSE, Santa Clara Co., Cal. — A. J. Raisch, 46 Kearny St., San Francisco (Builders' Exchange, San Jose), awarded cont. by council to improve Autumn St., bet. San Fernando and Santa Clara Sts., involv. grading and paving with 2-in. Durite asph. conc. base; hyd. cem. conc. curb, gutters and alley driveways.

OROVILLE, Butte Co., Cal. — J. A. Huntington, Oroville, awarded cont. by supervisors to grade Pentz rd. to Lockerman grade.

MADERA, Madera Co., Cal.—County Chamber of Commerce will urge supervisors to call election to vote bonds to finance construction of county highway system.

POMONA, Cal.—Until April 22, 12 M. bids will be rec. by council to improve Cucamonga Ave., bet. Lordsburg Rd. and east city limits of Pomona, involv. grade; pave with 5-in. oil macad. pavement. Plans on file at office of city engr., F. C. Froehde; 1911 act. T. R. Trotter, city clerk.

WASHINGTON—Following is list of low bids recently rec. by State Highway Commission:

State Rd. No. 4, Anglin east, Okanogan county, grade and gravel, 4-mi. awarded to Anderson and Nelson, Tonasket, Wash., $22,516.

State Rd. No. 9, Olympic highway, Uncas to Port Townsend, Jefferson county, grade and gravel, 2-mi. awarded to Besaloff and Brice, Seattle, $55,575.

State Rd. No. 1, Pacific highway, paving Salmon Creek bridge approaches, Lewis county, 0.12-mi. awarded to C. V. Swanson, 1452 5th St., Chehalis, Wash., $8370.

State Rd. No. 22, Harvey to Gifford, Stevens county, grade and gravel, 7.6-mi. awarded to Morrison-Knudsen, Boise, Idaho, $43,415.

State Rd. No. 5, Ajlune to Riffle, Lewis county, grade and surface with crushed gravel, 3.4-mi. awarded to J. W. Lawler, Puyallup, Wash., $106,874.25.

State Rd. No. 9 ,Anacortes east, Skagit county, pave with conc. 2.4-mi. awarded to Norris Bros., Burlington, Wash., $116,817.

State Rd. No. 1, Pacific Highway, Recondo to Tacoma, fill by dredging and sluicing, 2.4-mi. involv. approx. 138,000 cu. yds. Bids were: Tacoma Dredging Co., $102,687.20; Puget Sound Bridge and Dredging Co., $109,622.40. Taken under advisement.

FRESNO, Fresno Co., Cal.—City Eng. Wm. Stranahan preparing estimates of cost to const. subway across S. P. tracks connecting east and west sections of Monterey St. Property owners have requested construction of the subway.

OROVILLE, Butte Co., Cal.—Until April 24, 11:15 a. m., bids will be rec. by C. P. Belding, county clerk, to construct Oroville-Pentz County Bonded Rd., Route 22, Sec. F. Plans on file at office of clerk. Harry H. Hume, county road engineer.

SANTA CRUZ, Santa Cruz Co., Cal.—Until April 23, 3 p. m., bids will be rec. by H. E. Miller, county clerk, to imp. Casserly rd. in Pajaro Rd. Dist. Plans obtainable from County Surveyor Lloyd Bowman on deposit of $5, returnable.

LOS ANGELES, Cal.—Warren Constr. Co., 5444 Hollywood Blvd., awarded contr. by Bd. Pub. Wks. at $34,285 to imp. Irolo St., bet. Wilshire Blvd. and San Marino St., involv. grading at $5800; Warrenite-bitul. paving 25.9c ft; curb 80c ft; walk 23c ft; gutter 31c ft; cem. pipe house sewers at $2 ft; bitum. base paving 12c ft.

Griffith Co., 502 L. A. Ry. Bldg., awarded cont. at $23,415 to imp. 12th St., bet. Gaffey and Meyler Sts., involv. grading at $2131 (lump sum); 61,725 sq. ft. asph. paving 24c ft.; 407 sq. ft. conc. paving 24c ft.; 239 sq. ft. bitum. base paving 12c ft.; 1177 ft. curb 70c ft.; 5554 sq. ft. walk 21c ft.; 1356 sq. ft. gutter 26c ft.; san. sewer complete, $4000.

Wm. Liddington, 420 E 60th St., awarded contr. at $44,196 to imp. 74th St., bet. San Pedro and Main Sts., involv. grading at $4257 (lump sum); 98,055 sq. ft. conc. paving 22.8c ft.; 28,715 sq. ft. Warrenite-bitul. paving 29c ft; 5215 ft. curb 65c ft.; 25,984 sq. ft. walk 19.5c ft.; 2660 sq. ft. gutter 30c ft.

COLUSA, Colusa Co., Cal—J. E. Johnson, Stockton, at $49,830, asph. macadam pavement, 15-ft. wide, awarded cont. by supervisors to const. Max. well-Prize county highway. 28

BAKERSFIELD, Kern Co., Cal. — Council, V. Van Riper, city clerk, declares inten. (No. 491) to const cem. conc. curbs and walks in portions of M, N, L Sts., etc. Street imp. Dist. No. 491. 1911 Act. Protests April 28. W. D. Clarke, city eng.

SANTA BARBARA, Cal.—Until May 5 bids will be rec. by supervisors to const. Santa Ynez Valley road system, under the $300,000 road bond issue involving about 25 mi. of 6-in. rock macad. pavement, 28 ft. wide. The sale of the bonds will probably be completed within a few days. Owen H. O'Neill, county surveyor.

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded contract by council to imp. portions of Trumbull Ave., involv. grade, $.05 sq. ft.; conc. curb, $.75 lin. ft.; conc. gutter, $.27 sq. ft.; oil macadam pave, $.11 sq. ft.; 6-in. pipe sewer, $1.25 lin. ft.; 8-in. sewer, $1.40 lin. ft; lampholes, $20 ea; wye branches, $.60 each.

NEVADA STATE — Until April 30, 1:30 p. m., bids will be rec. by State Highway Commission, Geo. W. Borden, state highway engineer, to const. 10.16 mi. in Eureka county, bet. Eureka east county line and Eureka, involv. 63,000 cu. yds. unclassified excavation; 19,290 yds. sta. overhaul; 10.16-mi. prepare subgrade and shoulders; 11,000 cu. yds. load and screen gravel; 17,300 yd. mi. haul gravel; 11,000 cu. yds. spread gravel; 280 cu. yds. A conc; 594 lin. ft. 15-in., 828 lin. ft. 18-in., 146 lin. ft. 24-in. and 150 lin. ft. 30-in. corru. metal pipe; 160 cu. yds. dry rubble masonry; 416 lin. ft. stand. wooden guard rail; 168 monuments; 5 sign posts; 350 cu. yds. riprap. Plans obtainable from office of commission at Carson City on deposit of $15, returnable, and are on file in office of U. S. Bureau of Public Roads, 9 Main St., San Francisco. **See call for bids under official proposal section in this issue.**

NEVADA STATE — Until April 30, 1:30 p. m., bids will be rec. by State Highway Commission, Geo. W. Borden, state highway engineer, to const. 18.02 mi. in Lander County, from Campbell Creek Ranch to summit of Railroad Pass, involv. 66,000 cu. yds. unclassified excavation; 18.02 mi. prepare subgrade and shoulders; 21,000 cu. yds. load and screen gravel; 40,000 yd. mi. haul gravel; 21,000 cu. yds. spread gravel; 45 cu. yds. class A conc; 226 lin. ft. 15-in. 274 lin. ft. 18-in., 264 lin. ft. 24-in. and 36 lin. ft. 30-in. corru. metal pipe; 750 cu. yds. dry rubble masonry; 4 sign posts; 44 special galv. iron pipe monuments; 35 cu. yds. riprap. Plans obtainable from office of commission at Carson City on deposit of $15, returnable, and are on file in office of U. S. Bureau of Public Roads, 9 Main St., San Francisco. **See call for bids under official proposal section in this issue.**

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. portions of Galindo St., involv. grading, $.066 sq. ft.; conc. curb, $.755 lin .ft.; conc. gutter, $.26 sq. ft.; oil macadam pave, $.15 sq. ft.; cem. walks, $.17 sq. ft.

LOS ANGELES, Cal. — Bids rec. by board of public works april 14 for improving Normandie Ave., bet. Jefferson St. and 10 ft. s of Santa Barbara Ave., involving 5859 cu. yds. grading, 1494 sq. ft. conc. paving, 207,752 sq. ft. Warrenite bitul paving, 11,487 sq. ft. bitum. base paving, 586 ft. curb, 2092 sq. ft. walk, 11,221 sq. ft. gutter, cem. pipe san. sewer, 270 ft. cem. pipe hse. sewers, were.

Geo. R. Curtis—$11,000 grading, 30.5c conc. paving, 29.25c Warrenite-bitul. paving, 10c bitum base paving, 70c curb, 20c walk, 30c gutter, $410 sewer, $2 hse. sewers.

L. A. Paving Co.—$9750 grading, 30c conc. paving, 30c Warrenite-bitul. paving, 12c bitum. base paving, 75c curb, 24c walk, 32.9c conc. gutter, $550 san. sewer, $2 hse. sewers.

Geo. H. Oswald—$10,000 grading, 28c conc. paving, 29c Warrenite-bitul. paving, 12c bitum. base paving, 70c curb, 22c walk, 32c gutter, $400 san sewer, $1.75 hse. sewers.

Warren Constr. Co.—$12,000 grading, 29c conc. paving, 30c Warrenite-bitul. paving, 12c bitum .base paving, 75c curb, 23c walk, 35c gutter, $500 san. sewer, $1.80 hse. sewers.

BOISE, Idaho—E. A. Webster & Co., Spokwane, was awarded contr. by Idaho Bureau of Public Works (W. J. Hall, Boise) for grading and surfacing 70 mi. highway on the Laclede Hill, bet. Sandpoint and Priest river, Idaho.

Barber Greene Model 42 Loader

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REDWOOD CITY, San Mateo Co., Cal.—Plans and specifications for the repairing and paving of a portion of the San Gregorio to Pescadero road were adopted by the San Mateo Bd. of Sup. and the clerk, Eliz. M. Kneese, was instructed to advertise for bids to be opened on May 5.

SAN FRANCISCO—Until April 30, 3 p. m., bids will be rec. by Bd. Pub. Wks. to imp. Palou Ave., bet. Phelps and Rankin, involv. 5300 cu. yds. cut; 1350 cu. yds. fill; 2700 lin. ft. conc. curb; 2375 sq. ft. art. stone walks; 9 br. catchbasins; 300 lin. ft. 10-in. ironstone pipe culvert; 72,900 sq. ft. asph. conc. pavement; est. cost $30,000. Spec. obtainable from Bureau of Engineering, 3rd floor, City Hall.

FRESNO, Fresno Co., Cal.—Council H. S. Foster, city clerk, declares inten. (No. 12-D) to imp. Fresno St., bet. Martin Ave. and "A" St., involv. grading; const. cem. conc. gutters; pave alley approaches with 6-in. cem. conc. const. corru. metal culverts with manholes; pave and repave with 3½-in. asph. conc. base with 1½-in. asph. conc top course with liquid asph. and rock screenings surface coat. 1911 Act. Protests May 1. Wm. Stranahan, city eng.

GLENDALE, Cal.—Until 10 a. m., Apr 24, bids will be rec. by council to imp:

Sonora Ave., 5th St., 4th St. and other sts, involv. 274,600 sq. ft. grading, 149,650 sq. ft. oil macad., 38,370 sq. ft. walk, 8540 ft. curb, 2955 ft. 4-in. c. i. water pipe, 4596 ft. 8-in. vit. sewer; 6 junction chambers, 3 manholes, 2 flushtanks, 122 hse. connections.

Raymond Ave., bet. Kenneth Rd. and Glenwood Rd., involv. 53,213 sq. ft. grading, 31,876 sq. ft. 3-in. oil macad., 10,837 sq. ft. walk, 2133 ft. curb, 1420 ft. 4-in. c.i. water pipe.

Plans on file at office of city engr., Ben F. Dupuy. A. J. Van Wie, city clk.

SANTA ANA, Cal.—Due to irregularities to pave 17th St., all bids were rejected and work will be readvertised.

MONMOUTH, Ore.—City proposes to const. of sewer system, Stevens and Koon, consulting engineers of Portland estimate costs as follows: main sewer sludge bed, $10,000; outfall sewers, $2,992; trunk sewer, $25,678; total for main sewer and tank, $38,670; lateral sewers includ. manholes, lampholes, wye branches, flush tanks, ready for use, $42,977; total est. cost $81,647.

SAN RAFAEL, Marin Co., Cal.—Until May 8, 11 a. m., bids will be rec. by Rob. E. Graham, county clerk, to imp. portion of Hicks Valley rd. from Ryan Ranch north to Red Hill rd. in Rd. Dist. No. 5. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from clerk. J. C. Oglesby, county surveyor

SOUTH PASADENA, Cal. — Until 5 p. m., April 29, bids will be rec. by city trustees to imp. Raymond Lane, involv. 18,200 sq. ft. 5-in. conc. paving. Plans on file at office of city engr. Cert. check 10%. Nettie A. Hewitt, city clerk.

LOS ANGELES, Cal.—Geo. H. Oswald 366 E 58th St., awarded contr. by Bd. of Pub. Wks. at $25,297 to imp. El Nido St., bet. Sherman Way and Saugus Ave., involving grading at $3400 (lump sum); 104,156 sq. ft. asph. conc. paving 21c ft.; 31 ft. curb 75c ft.

HANFORD, Kings Co., Cal.—County Surveyor Roy May making surveys for road south from the Dairy Ave. paved highway and connecting road, extending 12-mi. to the Kern county line.

SANTA ANA, Cal.—Until 7:30 p. m., April 21, bids fill be rec. by city trustees to imp. 17th St., bet. Ross St. and w city limits, involv. 152,569 sq. ft. conc. paving; 2380 ft. 4-in. hse. sewers, 120 ft. 6-in. stub end main sewers; 1915 bond act. Cert. check or bond 10%. E. L. Vegely, city clk. W. G. Knox, city engr.

HAWTHORNE, Cal.—Geo. H. Oswald 366 E 58th St., Los Angeles, awarded contr. by city trustees at $236,615 to pave Acacia and Birch Aves., bet. Ballona and Wallace Sts., with Willite pavement.

MARSHFIELD, Ore. — Coos County commissioners will call election to vote bonds of $375,000 to finance road construction.

SOUTH PASADENA, Cal.—City Mgr. R. V. Orbison preparing plans to pave El Centro St., bet. Brent and Pasadena Aves. and Meridian, bet. Oak and Oliver Sts. Est. cost $60,000.

FRESNO, Fresno Co., Cal.—Council, H. S. Foster, city clerk, declares inten. (No. 13-D) to imp. Home Ave., bet. Van Ness Ave. and east city limits and College Ave., bet. Home and University Aves.; const. Port. cem. conc. curbs, sidewalks and driveway approaches; 1911 Act. Protests May 1. Wm. Stranahan, city eng.

LOS ANGELES, Cal.—Geo. R. Curtis 2440 E 26th St., awarded cont. by Bd. Pub. Wks. at $42,113 to imp. St. Andrews Pl., bet. Sunset Blvd. and Santa Monica Blvd. involv. grading at $6000 (lump sum); 99,259 sq. ft. Warrenite-bitul. paving 26.25c; 3360 sq. ft. 2-in. bitim. base paving 12c ft.; 200 sq. ft. 6-in. bitum. base paving 27c; 2330 ft. curb 70c ft.; 6075 sq. ft. walk 22c ft.; 5788 sq. ft. conc. gutter 30c ft.; san. sewer, $4900.

Geo. R. Curtis awarded cont. at $19,011 to imp. Van Ness Ave., bet. 39th St. and Rodeo Rd., involving grading at $2500 (lump sum); 37,474 sq. ft. Warrenite-bitul. paving 26.25c ft.; 1470 sq. ft. bitum. base paving 12c ft.; 6827 sq. ft. oil and roll 8c ft.; 636 ft. curb 70c ft.; 3287 sq. ft. walk 22c ft.; 4276 sq. ft. gutter 30c ft; san. sewer, $3500.

SAN FRANCISCO—Until April 30, 3 p. m., bids will be rec. by Bd. Pub. Wks. to imp. Hamilton St., bet. Felton and Silver Ave., involv. 1250 cu. yds cut; 1400 lin. ft. conc. curbs; 28,000 sq. ft. asph. conc. pavement; est. cost $10,000. Spec. obtainable from Bureau of Engineering, 3rd floor, City Hall.

STOCKTON, San Joaquin Co., Cal.—Until May 7, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to imp. S. R. Thorn and W. D. Smithson roads in Rd. Dist. No. 2. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from County Surveyor F. E. Quail on deposit of $10, returnable.

LOS ANGELES, Cal.—Ed. Johnson & Sons, Whittier, submitted low bid to supervisors at $26,108 to imp. Pomona Blvd., east of the town of El Monte, 4800 lin. ft. or .91 mi. (Cash Contract No. 216); Engr.'s est., $34,030.70. Other bids were: J. Paul Benson, $26,937.45; Griffith Co., $29,679.70; Geo. R. Curtis, $30,764.

Griffith Co., 502 L. A. By Bldg., low bidder at $24,031 to imp. Pomona Blvd. bet. Ellis Lane east to Arden Dr. and from a point 1142 ft. west of the west end of Bassett bridge over the San Gabriel river east to the El Monte-Covina Rd., 6513 lin. ft. or 1.23 mi. (Cas Contract No. 225). Engr's est. $26,937.45. Geo. R. Curtis bid $27,526.05.

PALO ALTO, Santa Clara Co., Cal.—City Eng. J. F. Exybee, Jr., instructed to prepare plans to pave streets in Crescent Park.

LOS ANGELES, Cal.—Kuhn Bros., 429 Camino Real, Manhattan Beach, submitted low bid to supervisors at $34,142 to imp. Long Beach Blvd., bet. Lemon St., Compton, and the n boundary line of the city of Long Beach, at Greenleaf Ave.|, 5401 lin. ft. or 1.02 mi. (Cash Contract No. 221). Engr's est., $40,235.70. Other bids were. Ed. Johnson & Sons, $37,187.73; Bradford and Baucus, $38,642.88; Oglesby & Dahl, $42,041.24; Geo. R. Curtis. $42,533.56; Hall-Johnson Co., $48,810; Geo. H. Oswald, $51,040.30.

C. E. Crowley, 607 Pac. Elec. Bldg., low at $45,603 to imp. Western Ave., bet. Narbonne Ave. and Tr. No. 6881 (Cash Contract No. 222); 19,393 lin. ft. or 3.76 mi. Engr's est., $65,104. Other bids were: Geo. H. Oswald, $47,790.23; Mandic & Anderson, $50,143.05; J. Paul Benson, $51,208.45; H. G. Fenton, $52,168.25; E. Schelling, $53,985.76; J. P. Murphy, $58,859.42; Geo. Mitchell & Co. $59,285.87; McMeans & Hall, $59,526.55; E. L. Fleming, $61,557.65; Ed Johnson & Sons $62,640.65; Jas. G. Donovan, $66,074.61; Coy F. Fraquhar, $68,121.61; Jas. Martin, $68,361.61; Robinson-Roberts Co., $74,582.03; Sbattuck Const. Co. $90,541.16.

SANTA MONICA, Cal.—Until 10 a. m. April 22, bids will be rec. by council to imp. Franklin St., bet. Wilshire Blvd. and Colorado Ave., grade; pave; const. curbs and walks, reinf. conc. storm sewer; 1911 act. Howard B. Carter, city engineer.

NAPA, Napa Co., Cal.—F. Gaggero, Napa, at $181, awarded cont. by council to Georgia St., from H St. to pt. 115 ft. therefrom, involv. 108 lin. ft. 6-in. sewer, $1.50 lin. ft.; 2 wyes $2 ea; 1 flushing hole, $15.

SANTA MONICA, Cal.—Until 10 a. m. April 24, bids will be rec. by council to imp. Wilshire Blvd. bet. Ocean Ave. and n.e. city limits; grade; pave (bitul. paving on asph. conc. base); construct curbs, walks, san. sewer, storm drain and elec. lighting system; 1911 act.

Separate bids to imp. 4th St. bet. Wilshire Blvd. and Colorado Ave. by const. curbs and walks, elec. lighting system; 1911 act. Howard B. Carter, city engineer.

SACRAMENTO — At the meeting of the California Highway Commission held April 16, 1924 the following award was made:

For the construction of State highway in Los Angeles County, between Pasadena Ave. and Montebello (VII-L.A.-2-D), about two and eight-tenths (2.8) miles in length, to be paved with Portland cement concrete and surfaced with asphalt concrete, to Geo. H. Oswald, Los Angeles, at $183,863.50; engineer's estimate, $199,056.

SAN FRANCISCO — Following is complete list of bids rec. by Bd. Pub. Wks. to improve Marina Blvd. betw. Steiner and Lyon streets:

Fay Imp Co.	$38,651
A. G. Raisch	39,507
Louis J. Cohn	38,531
Jas. M. Smith	36,135
Municipal Const. Co. (low)	34,894
Pacific States Const. Co.	37,039

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We buy and sell used equipment.

CREAR & BATES

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OFFICIAL PROPOSALS

(Continued from Page 26)

opened and read. The right is reserved to reject any and all bids and none will be considered except those from contractors ascertained to be experienced and responsible.

The project to be constructed consists of two portions of the Gold Creek Jarbidge Road, located between Gold Creek and a point 15.5 miles north thereof and 75 miles north of Elko. The project is also accessible from southwestern Idaho via Jarbidge and Rowland, Nevada. The length of the project is approximately 11.32 miles and the principal items of work are as follows:

Excavation, 62,503 cu. yds.
Corrugated metal pipe. 2396 lin. ft.
Timber bridging, 27.5 MBM.
Cement rubble masonry, 317 cu. yds.

Construction shall be started within fifteen days after notice so to start has been given the contractor by the District Engineer, which notice will not be given until weather conditions render it practicable to prosecute the work to advantage in the spring of 1924, and shall be completed within 125 weather working days after said notice to start construction has been given.

The contract form, maps, plans and specifications may be examined by responsible contractors at the following addresses.

400 Bay Building, 9 Main Street, San Francisco, California.
Gold Creek Ranger Station, Gold Creek, Nevada.
Forest Supervisor, Elko, Nevada.
District Engineer, Bureau of Public Roads, Kiesel Bldg., Ogden, Utah.

The Bureau of Public Roads will furnish corrugated metal culvert pipe at Elko, Nevada. The Bureau has also available for loan to contractors on a rental basis equipment at Government Island, Oakland, California, as listed in the specifications. Some similar equipment is available at Ogden, Utah. Bidder will state in his bid the Government equipment that he will use during construction and the minimum time required. The estimated rentals will be taken into consideration and award will be made on the bid to the best advantage of the Government. Government explosives are available according to the terms of the specifications.

Plans and specifications will be furnished contractors who contemplate bidding, upon deposit of a check for $10.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications above referred to.

C. H. SWEETSER,
District Engineer.

NOTICE TO CONTRACTORS

(City of Salinas—Rodeo Grounds Improvements)

Under and by virtue of Resolution No. 180 (N. C. S.) passed and adopted by the council of the city of Salinas, on the 31st day of March, 1924, directing this notice, the said council hereby invites bids for the following municipal improvements, to be erected and constructed in Sherwood Park, in the city of Salinas, to-wit: a Grand Stand and Bleachers and a Four Room Cottage.

Bids will be received for the construction of the said improvements in the manner following.

1. For the construction of the Grand Stand Bleachers and Four Room Cottage as a whole.
2. For the construction of the Grand Stand and Bleachers.
3. For the construction of the Four Room Cottage.

For the construction of the said improvements, with the exceptions and reservations set forth and mentioned in the specifications.

Plans and specifications are on file with the Builder's Exchange at San Jose, San Francisco and Oakland; with the Building Trades Council, No. 160 North Second Street, San Jose, and with Marshall A. Dean, Architect, No. 825 Pine Street, Pacific Grove, California, where the same may be examined by persons interested.

All bids or proposals shall be accompanied by a check, payable to the city of Salinas, certified by a responsible bank, for an amount which shall not be less than ten per cent of the aggregate of the bid or proposal, or by a bond for the said amount so payable, signed by the bidder and two sureties, who shall justify before any officer authorized to administer an oath, in double the said amount, over and above all statutory exemptions.

The council of Salinas hereby reserves the right to reject any and all bids or proposals, or accept the bid deemed for the best interests of the city of Salinas.

AND NOTICE IS HEREBY GIVEN, that **Monday, the 21st day of April, 1924, at the hour of seven-thirty o'clock p. m.**, at the city hall in the city of Salinas, has been and is hereby fixed as the time and place when and where sealed bids or proposals for the construction of the said municipal improvements will be opened, examined and declared.

Bids or proposals must be on file with the clerk of the city of Salinas on or before the day and hour set for the opening of the same.

Dated this 1st day of April, 1924.
(SEAL) M. R. KEEF,
Clerk of the City of Salinas, and Clerk of the Council of Salinas.

BIDS WANTED FOR FRAME BUILDING

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., April 4, 1924.—SEALED PROPOSALS will be opened in this office at 3 p. m., May 1, 1924, for the construction of a one-story frame building (approximately 42' x 66') for Steerage Barracks at the U. S. Quarantine Station, at San Francisco, Cal. (Angel Island). Drawings and specifications may be obtained from the office of the Superintendent of Construction, Room 403, U. S. P. O., and Ct. H., San Francisco, Cal., or at this office, in the discretion of the Supervising Architect. Jas. A. Wetmore, Acting Supervising Architect.

BIDS WANTED POST OFFICE BUILDING

NOTICE TO CONTRACTORS

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., April 1, 1924.

SEALED PROPOSALS will be opened in this office at 3 P. M., May 8, 1924, for the construction, including mechanical equipment of a one-story and basement hollow tile Post Office building, approximately 73 by 127 feet in size, at Bakersfield, Calif. Drawings and specifications may be obtained from the Custodian of the site at Bakersfield, Calif., or at this office in the discretion of the Supervising Architect. Jas. A. Wetmore, Acting Supervising Architect.

Just The Core

Compiled by
California Development Ass'n.

Alhambra—$100,000 clubhouse contemplated by Alhambra Athletic Club.

Antioch—$1,000,000 substation to be built by P. G. & E. Co.

Bakersfield—$300,000 4-story hotel to be constructed by California Real Estate and Finance Co. of Los Angeles.

Berkeley—$200,000 church being considered by Board of Missions of M. E. Church, Nashville, Tenn.

Bishop—$80,000 hotel being considered.

Burbank—$65,000 three-story brick store and apartment building planned.

Colusa—$60,000 to be expended in Canal extensions for Williams Irrigation District.

Crescent City—$40,000 garage planned by Redwood Roosevelt Highway Garage Co.

Emeryville—$750,000 to be spent by Paraffine Cos., in additions to their plant.

Fresno—$162,200 to be spent by P. G. & E. Co., to increase capacity of gas plant.

Isleton—California Pickle Growers' Assn. to construct largest salting station on Pacific Coast.

La Jolla—$100,000 additions to be made to high school.

La Verne—$100,000 modern laundry plant under consideration.

Los Angeles—$200,000 6-story garage to be built on Westlake Ave., for for Westlake Garage Co.; $1,000,000 13-story theatre and loft building planned for 838 So. Broadway. Plans call for $200,000 4-story apartment building at 11th and Lake Sts. $100,000 8-story warehouse to be erected at Pico and Normandie Ave.

Lynwood—$100,000 theatre planned by R. W. Sanders and associates.

Modesto—$80,000 3-story Elks building to be erected.

Oakland—Modern pipe organ factory being planned by Fred W. Smith & Sons of Chicago. $50,000 addition to Fageol Motors Co. plant to be made.

Ocean Park—$500,000 theatre to be constructed by West Coast Theatres. $250,000 Rosemary Theatre planned by Raymond Amusement Co.

Palo Alto—$120,000 Recreation Bldg to be built at U. S. Veterans' Hospital #24.

Pomona—$400,000 bond issue for street improvements to be voted April 14th.

Quincy—40 room hotel planned by Southern California interests.

Redondo—$275,000 bonds for grammar schools to be voted April 21st.

Riverside—$225,000 to be expended by Union Pacific R. R., for additional side tracks at Riverside and at Wineville.

Sacramento—$120,000 store and theatre building Cor. 3rd St. and Sacramento Blvd. Modern store building to be built by Eastern Outfitting Co., Messrs. L. Mayer and M. S. Weinsheck of San Francisco to erect 6-story hotel.

San Bernardino—$300,000 7-story apartment and store building to be erected by Mr. R. C. Durbin.

San Diego—$500,000 10-story Physicians and Surgeons Building to be erected. $1,000,000 improvements to Navy planned for the next 2 years; first unit $300,000 pier and car tracks. $300,000 art building donated by Mr. A. S. Bridges to be erected soon. $150,000 amphitheatre to be erected on summit of Mt. Helix by Mrs. F. M. White and Col. Ed. Fletcher.

San Diego County—$100,000 bridge to be erected over San Luis Rey River near Bonsall.

San Francisco—$140,000 3-story brick building to be built for Ladies Protective & Relief Society. $635,000 to be spent in construction of 6 apartment buildings. $5,000,000 17-story theatre, hotel and store building planned by Kutner interests for Market and Larkin strets.

San Pedro — $300,000 cord and rope factory to be built by California Thorn Cordage Co.

Torrance—$100,000 bonds to be voted April 14th for municipal office building.

Willits—$50,000 hotel to be constructed soon.

Architects—Engineers—City and County Officials

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Building & Engineering News

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
1650	Garofalo	Owner	6000
1651	McTernan	Davis	2900
1652	Turri	Owner	3000
1653	Campbell	Owner	60000
1654	Jacobson	Johnson	3500
1655	Peneat	Magill	9000
1656	Nathan	Barratt	7000
1657	Goodrich	Owner	1200
1658	Wallroth	Owner	2000
1659	Northern	Sheldon	8000
1660	Eisner	Christiansen	9000
1661	Bull	Lorenz	1200
1662	Pronselino	DeMartini	12000
1663	Anderson	Utoft	15000
1664	Norton	Owner	1000
1665	Hall	Owner	4000
1666	Goldstein	Owner	4500
1667	Gullmes	Owner	8000
1668	Simpton	Owner	4000
1669	Law	Voorhies	3500
1670	Law	Voorhies	3500
1671	Galli	Galli	14000
1672	Etienne	Larson	10500
1673	Holmes	Thomas	12000
1674	Calamoneri	Owner	3000
1675	Coleman	Owner	2000
1676	Holmes	Thomas	4000
1677	Altvater	Meyer	8000
1678	Steinauer	Meyer	6000
1679	Altvater	Meyer	3000
1680	U S Metal Prod	Schnell	3500
1681	Parkside	Owner	4000
1682	Buckley	Owner	2500
1683	McCarthy	Owner	9000
1684	Pilger	Ovimer	1700
1685	Frye	Petersen	12500
1686	Altvater	Meyer	8000
1687	Yore	Meyer	3000
1688	Arnott	Owner	5000
1689	Sharpe	Arnott	10000
1690	Barboratto	Sourich	3000
1691	Simon	Owner	2500
1692	Kronnick	Kronnick	4000
1693	Morris	Owner	10000
1694	Shapero	Jones	13000
1695	Honnert	Boe	5200
1696	Payne	Mattock	13200
1697	Breckell	Martin	39000
1698	Otis	Quandt	6892
1699	Goldberg	Elvin	7949
1700	Goldberg	Decker	1578
1701	McCarthy	Arnott	4000
1702	Pronselino	DeMartini	13900
1703	Strand	Owner	20000
1704	Pasqualetti	American	75000
1705	Ginley	Owner	16000
1706	Nelson	Nelson	3400
1707	Janssen	Owner	11000
1708	trand	Owner	20000
1709	Brickel	Miller	39000
1710	Olson	Owner	3000
1711	Ross	Weber	2000
1712	Silverstein	Meyer	9000
1713	Meyer	Adler	13000
1714	Silverstein	Meyer	6000
1715	Austin	Papenhausen	12210
1716	Armitage	Stiefel	11800
1717	Alfrey	Meyer	4820
1718	Warnke	Holt	10740
1719	Same	Gibbe	1197
1720	Janssen	Owner	4000
1721	Bk of Italy	Mitchell	2474
1722	Nelson	Nelson	3400
1723	Burns	Owner	4000
1724	American	Owner	32000
1725	Bertalone	Owner	1200
1726	Barton	Owner	7000
1727	Janssen	Owner	4000
1728	Hamerton	Hamerton	9500
1729	Harley	Owner	1500
1730	Terranova	Owner	1750
1731	Soules	Owner	4000
1732	Howard	Wagner	40000
1733	Johnson	Owner	5000
1734	Hargrave	Owner	6800
1735	Robertson	Owner	4000
1736	Gladding	Lindgren	2500
1737	Bernheim	Owner	1500
1738	Renner	Meyer	17316
1739	King	Meyer	17316
1740	Burfeind	Harder	14300
1741	S P	Tracy	——
1742	Crawford	Jenkins	490
1743	Bailey	Jenkins	707
1744	Higgins	Jenkins	1255
1745	Kohnks	Petersen	19000
1746	S. F. Soc.	Parrar	2000
1747	Brennan	Owner	4000
1748	Schwartz	Martinelli	10000
1749	Quinn	Quinn	3000
1750	Johnson	Hansen	5100
1751	Brinstad	Barrett	28000
1752	Pinto	Pereira	16000
1753	Kleiber	Austin	165000
1754	Kormel	Owner	3000
1755	Cuneo	Owner	10000
1756	Nichols	Meyer	3000
1757	Meyer	Owner	3000
1759	Parnell	Coburn	1100
1760	Benedetti	Ferroni	9700
1761	Wickersham	Owner	3500
1762	Samanduroff	Owner	6000
1763	Nation	Nilsson	3400
1764	Behrend	Jensen	18240
1765	Same	Foster	2389
1766	Same	Zelinsky	1596
1767	Lindsay	Owner	5000
1768	Meinberger	Meinberger	25000
1769	Bernhardt	Stahlberg	5000
1770	Olson	Strothoff	4000
1771	Johnson	Baumann	35000
1772	Porter	Ingraham	15000
1773	Beetham	Owner	20000
1774	Love	Owner	3000
1775	Convey	Scott	1920
1776	Convey	Ernst	2629
1777	Garden	Moore	8940

DWELLINGS
(1650) NW ARLINGTON 13, 38, 63, and 88 NE Roanoke. Four 1-sto. and basement frame dwlgs.
Owner—Salvatore Garofalo & Philip Teresi, 65 Manchester St., and 3715 Mission St., S. F.
Architect—None. $1500 each.

DWELLING
(1651) N BAYVIEW 248, 778 E Newhall. 1-story and basement frame dwellings.
Owner—Chas. H. McTernan, 1720 Newcombe St., S. F.
Architect—None.
Contractor—F. J. Davis, —. $2900

DWELLING
(1652) E BRIGHTON AVE. 200 S Holloway. 1-story and basement frame dwellings.
Owner—Caesar Turri, 119 Brighton Ave., S. F.
Plans by Owner. $3000

APARTMENTS
(1653) S CALIFORNIA 137-6 AND 177-6 E Gough. Two 3-story and basement frame apartments, 7 apartments in each building.
Owner—J. V. Campbell, 1040 Bryant St. San Francisco.
Architect—None. $30,000 each.

DWELLING
(1654) E FORESTER 100 S Monterey. 1-story and basement frame dwelling.
Owner—Alfred Jacobson, 1700 Waller St., S. F.
Architect—Johnson & Erlendson, 1565 Jackson St., S. F. $3500

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

APARTMENTS
(1655) N GROVE 106-3 E Stanyan. 2-story and basement frame (4) apartments.
Owner—W. Peneat, 581 4th Ave., San Francisco.
Architect—None.
Contractor—C. T. Magill, 581 4th Ave., San Francisco. $9000

SHOP
(1656) N HARRISON 150 E FOURTH. 1-story Class C concrete shop.
Owner—Nathan & Emanuel, 75 Clara St., S. F.
Architect—R. W. Jenkins, ——.
Contractor—Barrett & Hilp, 918 Harrison St., S. F. $7000

DWELLING
(1657) NW HAWES AND REVERE. 1-story and basement frame dwlg.
Owner—Rae Goodrich, 1240 Revere Ave., S. F.
Plans by Owner. $1200

ADDITION
(1658) 2311 JACKSON STREET. Addition for flats; brick and concrete work.
Owner—T. Wallroth, 2313 Jackson St., San Francisco.
Architect—None. $2000

ALTERATIONS
(1659) 977 MARKET STREET. Construct raised floor; erect partitions etc., for theatre.
Owner—Northern Amusement Co., care of Architect.
Architect—Martin A. Sheldon, Monadnock Bldg., S. F. $8000

APARTMENTS
(1660) NW MISSION 375 NE Valencia. 3-story frame (4) apartments
Owner—Mr. Eisner, care of contractor.
Architect—None.
Contractor — Christiansen Bros., 518 25th Ave., S. F. $9000

ALTERATIONS
(1661) 380 POST STREET. Erect partitions and transoms for offices.
Owner—Dr. E. Bull, 350 Post St., S. F.
Architect—None.
Contractor—F. Lorenz, 182 5th St., San Francisco. $1200

FLATS
(1662) W POWELL 75-6 S UNION. 2-story and basement frame (2) flats.
Owner—C. Pronselino, 2011 Grant Ave., San Francisco.
Architect — Paul F. DeMartini, 946 Broadway, S. F.
Contractor—Paul DeMartini, 2869 Octavia St., S. F. $12,000

FLATS
(1663) NE SANCHEZ AND 19TH STS. 2-story and basement frame (4) flats.
Owner—J. E. Andersen, 31 Walter St., San Francisco.
Architect—None.
Contractor—Niels Utoft, 67 Hamburgh St., S. F. $15,000

ADDITION
(1664) 349 TENTH AVENUE. Three-room and bath addition for dwlg.
Owner—Mrs. C. Norton, 349 10th Ave., San Francisco.
Architect—None. $1000

DWELLING
(1665) E TWENTY-SECOND AVE. 208 S Irving. 1-story and basement frame dwlg.
Owner—C. A. Hall, 1301 4th Ave., S. F.
Architect—None. $4000

DWELLING
(1666) E TWENTY-THIRD AVE. 175 N Kirkham. 1-story and basement frame dwelling.
Owner—Louis Goldstein, 1821 Lincoln Way, S. F.
Plans by Owner. $4500

APARTMENTS
(1667) S UNION 185 E VAN NESS Ave. 2-story and basement frame (4) apartments.
Owner—V. Gullmes, 1828 Castro St., San Francisco.
Architect—None. $8000

ALTERATIONS
(1668) NE BRODERICK AND O'FARRELL Sts. Remodel flats for (4) apartments, (2 apartments to each floor); T & G roof.
Owner—H. E. Simpton & W. I. Simpton, 472 Monadnock Bldg., S. F.
Architect—None. $4000

ALTERATIONS
(1669) S BROADWAY 100 W Broderick. Rearrange two rooms in residence; painting, decorating, woodwork; marble floors.
Owner—H. W. Law, 636 Pine St., S. F.
Architect—F. Shea, Chronicle Bldg., San Francisco.
Contractor—Voorhies & Law, 636 Pine St., S. F. $3500

GARAGE
(1670) 2825 BROADWAY. 1-story concrete (private) garage.
Owner—H. W. Law, 636 Pine St., S. F.
Architect—F. Shea, ——.
Contractor—Voorhies & Law, 636 Pine St., San Francisco. $3500

APARTMENTS, ETC.
(1671) N FILBERT 220 E Laguna E 27-6 N 85. All work for frame bldg., apartments and garages.
Owner — Wm. and Joe Galli, and N. Maffei, 1230 Chestnut St., S. F.
Architect—None.
Contractor—Joe Galli and N. Maffei, 1230 Chestnut St., S. F.
Filed Apr. 10, 1924. Dated Mar. 17, 1924
Frame up $3500
Plaster on 3500
Completed and accepted 3500
Usual 35 days 3500
TOTAL COST, $14,000
Bond, Sureties, Forfeit, none. Limit, 90 days. Plans and Specifications filed.
NOTE—Permit reported Mar. 5, 1924 No. 963.

FLATS
(1672) N FELL 31-3 W CLAYTON 25 x 100. All work for 2-story and basement frame bldg., flats.
Owner—Joseph M. Etienne, 837 Folsom St., S. F.
Architect — J. C. Hladik, Monadnock Bldg., S. F.
Contractor—A. R. Larson, 246 Delano, San Francisco.
Filed Apr. 10, 1924. Dated Apr. 5, 1924.
Roof on $2625
Brown coated 2625
Completed and accepted 2625
Usual 35 days 2625
TOTAL COST, $10,500
Bond, $5250. Sureties, Albin Warden and A. L. Kreuzberger. Forfeit, none. Limit, 90 days. Plans and Specifications filed.

APARTMENTS
(1673) S CHESTNUT 80 E Buchanan. Two-story and basement frame (4) apartments.
Owner—Andrew J. Holmes, 62 San Jose Ave., San Francisco.
Architect—None.
Contractor—J. C. Thomas, 1421 Balboa St., San Francisco. $12,000

DWELLING
(1674) W CURTIS 75 N Morse. One-story and basement frame dwlg.
Owner—C. Calamonerl, 1661 San Jose Ave., San Francisco.
Architect—None. $3000

ALTERATIONS
(1675) N GOLDEN GATE AVE 32-6 W Lyon. Remodel two-story residence for (2) flats; terrazzo steps; plumbing and electric work; underpinning, etc.
Owner—E. Coleman and S. G. Camp, 381 19th Ave., San Francisco.
Architect—None. $2000

DWELLING
(1676) N MAGNOLIA 80 E Buchanan. One-story and basement frame dwelling.
Owner—A. J. Holmes, 62 San Jose Ave., San Francisco.
Architect—None.
Contractor—J. C. Thomas, 1421 Balboa St., San Francisco. $4000

DWELLINGS
(1677) E NINETEENTH AVE 150 and 175 N Taraval. Two one-story and basement frame dwellings.
Owner—W. F. Altvater, 2565 Mission St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 First National Bank Bldg., S. F. $4000 each

DWELLINGS
(1678) E NINETEENTH AVE 25 and 50 Taraval. Two one-story and basement frame dwellings.
Owner—T. Steinauer, 2565 Mission St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 First National Bank Bldg., S. F. $3000 each

DWELLING
(1679) E NINETEENTH AVE 125 N Taraval. One-story and basement frame dwelling.
Owner—W. F. Altvater, 2565 Mission St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 1st Nat'l. Bank Bldg., S. F. $3000

ADDITION
(1680) W TENTH 200 S Folsom. One-story and mezzanine floor brick addition for manufacturing plant.
Owner—U. S. Metal Products Co., 330 Tenth St., San Francisco.
Architect—None.
Contractor—Samuel Schell, 180 Jessie St., San Francisco. $3500

DWELLING
(1681) W THIRTY-FIFTH AVE 175 S Taraval. One-story and basement frame dwelling.
Owner — Parkside Realty Co., 617 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000

DWELLING
(1682) E THIRTY-FOURTH AVE 175 S Anza. One-story and basement frame dwelling.
Owner—C. L. Buckley, 436 10th Ave., San Francisco.
Plans by Owner. $2500

DWELLINGS
(1683) E THIRTY-SEVENTH AVE 225, 250 and 275 N Irving. Three one-story and basement frame dwellings.
Owner—John E. and Ethel M. McCarthy, 1479 12th Ave., S. F.
Architect—None.
Contractor — John E. McCarthy, 1479 12th Ave., S. F. $3000 ea

DWELLING
(1684) W THIRTY-THIRD AVE 125 — Geary. One-story frame dwlg.
Owner—Mrs. T. Pilger, 2422 Fulton St., San Francisco.
Architect—J. E. Peppen, Oakland.
Contractor—L. D. Ovimer, 501 33rd Ave San Francisco. $1700

WAREHOUSE
(1685) N TOWNSEND 150 W Fourth. Reinforced concrete warehouse.
Owner—Frye & Co., 119 Sansome St., San Francisco.
Architect—Willis Lowe, 782 Monadnock Bldg., San Francisco.
Contractor — Peter Petersen, 4th and Townsend Sts., S. F. $12,500

DWELLINGS
(1686) E TWENTIETH AVE 100 and 125 N Taraval. Two one-story and basement frame dwellings.
Owner—W. F. Altvater, 2565 Mission St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 1st Nat'l. Bank Bldg., S. F. $4000 each

DWELLING
(1687) W TWENTY-SECOND AVE. 275 S Taraval. 1-story and basement frame dwlg.
Owner—L. J. Yore, 2565 Mission St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 First National Bank Bldg., S. F. $3000

DWELLING
(1688) E TWENTY-SEVENTH AVE. 30 S Lincoln Way. 1-story and basement frame dwlg.
Owner—Jas. Arnott, 235 Granville Way, S. F.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $5000

DWELLINGS
(1689) N ULLOA 75 AND 107 E Granville Way. Two 1-story and basement frame dwlgs.
Owner—H. E. Sharpe, 38 Montgomery St., San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $5000 each.

DWELLING
(1690) NE BRAZIL 25 SE MADRID. 1-story and basement frame dwlg.
Owner—G. Barborotto, 414 Madrid St., San Francisco.
Architect—T. A. Sourich, 1733 Paloa Ave., S. F. $3000

DWELLING
(1691) N BRUNSWICK 331 W Oliver. 1-story and basement frame dwlg.
Owner—Xavier Simon, 860 Brunswick St., S. F.
Plans by owner. $2500

DWELLING
(1692) W FORTY-THIRD AVE. 247-6 S Cabrillo. 2-story and basement frame dwelling.
Owner—Mr. and Mrs. F. G. Kronnick, 1659 O'Farrell St., S. F.
Architect—None.
Contractor — Kronnick Bros., 1659 O'Farrell St., S. F. $4000

DWELLINGS
1693) NE HOLLOWAY & VICTORIA; NW HEAD & HOLLOWAY AVE. Two 1-story and basement frame dwellings.
Owner—G. W. Morris, 152 Judson Ave., San Francisco.
Plans by Owner. $5000 each.

APARTMENTS
(1694) SW IRVING AND 16TH AVE. 2-story and basement frame (4) apartments.
Owner—J. Shapero, 1911 Anza St., S. F.
Architect—None.
Contractor — Thomas M. Jones, 3767 Army St., S. F. $13,000

DWELLING
(1695) NE JOOST AVE. AND HAMburg Sts. 1-story and basement frame dwelling.
Owner—Albert C. Honnert, 519 Genesee St., S. F.
Architect—None.
Contractor—Anders M. Boe, 730 Joost Ave., S. F. $5200

WAREHOUSE
(1696) NE MAIN BET. HOWARD & Folsom Sts. 1-story reinforced concrete warehouse.
Owner—Payne's Bolt Works, Howard and Main Sts., S. F.
Architect — Nathaniel Blaisdell, 255 California St., S. F.
Contractor — Mattock & Feasey, 251 Kearny St., S. F. $13,400

STORES
W TENTH ST. BET. NATOMA AND Howard Sts. One-story reinforced concrete Class B stores.
Owner—T. W. Corder, Inc., 67th and Bay Sts., Oakland, Calif.
Architect—M. V. Politeo, 1301 First National Bank Bldg., S. F.
Contractor—G. P. Jensen, 320 Market St., S. F. $85,000
NOTE—Recorded contract reported April 9, 1924, No. 1635.

RESIDENCE
(1697) LOT 14 BLK. 1326 SUB. 3, Seacliff. Ally work for 2-story and basement frame residence.
Owner — Howard Breckell, Stanford Court Apts., S. F.
Architect—J. R. Miller & T. L. Pflueger, Lick Bldg., S. F.
Contractor—Wm. Martin, 180 Jessie St. San Francisco.
Filed Apr. 11, 1924. Dated Apr. 11, 1924
5th of each month 75%
Usual 35 days 25%
TOTAL COST, $39,000
Bond, $19,500. Sureties, New Amsterdam Casualty Co. Forfeit, none. Limit 125 days. Plans and Specifications filed.

PAINTING
(1698) SW BEACH AND GRANT AVE W 275 x S 137-6. All work for painting.
Owner—Otis Elevator Co., premises.
Architect—None.
Contractor — A. Quandt & Sons, 374 Guerrero St., S. F.
Filed Apr. 11, 1924. Dated Apr. 10, 1924.
10th of each month 75%
Usual 35 days 25%
TOTAL COST, $6892.
Bond, $3446. Sureties, New Amsterdam Casualty Co. Forfeit, none. Limit May 22, 1924. Plans and Specifications filed.

ALTERATIONS
(1699) SE MARKET 176-6 NE SIXTH NE 49-3 x SE 170. All work except plumbing, electrical work, painting and ventilating for alterations and addition to 7-story and basement class B bldg., theatre.
Owner — Aaron Goldberg, Peerless Theatre, San Francisco.
Architect—Martin A. Sheldon, Monadnock Bldg., S. F.
Contractor—Arthur Elvin, 180 Jessie St., S. F.
Filed Apr. 11, 1924. Dated Apr. 10, 1924.
Framing & rough carpenter work done $1461
White coated 2000
Completed and accepted 2500
Usual 35 days 1988
TOTAL COST, $7,949
Bond, $3975. Sureties, John E. Beck and W. F. Nielsen. Forfeit, none. Limit, 40 days. Plans and Specifications filed.
NOTE—Permit reported Apr. 11, 1924 No. 1659.

(1700) ELECTRICAL WORK ON above.
Contractor — Decker Electrical Construction Co., 149 New Montgomery St., S. F.
Filed Apr. 11, 1924. Dated Apr. 10, 1924.
Roughing in completed.....$600
Completed and accepted 583
Usual 35 days 395
TOTAL COST, $1578
Bond, Sureties, Forfeit, none. Limit. as fast as possible. Plans and Specifications filed.

BUNGALOW
(1701) E JULES AVE. 185 N Grafton Ave., N 25 x E 112-6, ptn. Lakeview Blk. 22. All work for 5-room bungalow.
Owner—The McCarthy Co., 316 Bush St., S. F.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, S. F.
Filed Apr. 11, 1924. Dated Mar. 28, 1924
30 days after frame up.....25%
30 days after brown coated 25%
30 days after com. & accepted..25%
Usual 35 days 25%
TOTAL COST, $4000
Bond, Sureties, None. Forfeit, $1,00. Limit, 90 days. Plans and Specifications filed.

FLATS
(1702) W POWELL 75-6 S UNION S 28-6 x W 70. All work except lighting fixtures and shades for 2-story and basement frame bldg., 2 flats.
Owner—C. Pronselino, 2011 Grant Ave. San Francisco.
Architect—None.
Contractor—Paul Demartini, 2869 Octavia St., S. F.
Filed Apr. 11, 1924. Dated Apr. 9, 1924.
Frame up $3400
Brown coated 3500
Completed and accepted 3500
Usual 35 days 3500
TOTAL COST, $13,900
Bond, Sureties, Forfeit, none. Limit. 100 days after Apr. 15. Plans and Specifications filed.

(1703) NW CALIFORNIA & NINTH Ave. Three-story and basement frame (12) apartments.
Owner— Strand & Strand, % Architect.
Architect—Baumann & Jose. 251 Kearny St., San Francisco. $20,000

GARAGE
(1704) S EDDY 234-6 W Taylor. Four story and basement reinforced concrete public garage.
Owner—Joseph Pasqualetti, 785 Market St., San Francisco.
Architect—None.
Contractor—American Concrete Co., 785 Market St., S. F. $75,000

DWELLINGS
(1705) E FORTY-THIRD AVE 180, 205 230 and 255 S Cabrillo. Four one-story and basement frame dwlgs.
Owner—E. Ginley, 131 5th Ave., S. F.
Architect—None. $4000 each

DWELLING
(1706) E FORTY-THIRD AVE 75 S Balboa. One-story and basement frame dwelling.
Owner— Henrietta Nelson. 242 2nd Av., aSn Francisco.
Architect—None.
Contractor—Henry S. Nelson, 689 6th Ave., San Francisco. $3400

APARTMENTS
(1707) W FOURTEENTH AVE 30 S Geary. Two-story and basement frame (4) apartments.
Owner— E. A. Janssen, Hearst Bldg., San Francisco.
Architect—None. $11,000

APARTMENTS
(1708) NE FRANCISCO & OCTAVIA. Three-story and basement frame (12) apartments.
Owner—Strand & Strand, % Architect.
Architect—Baumann & Jose. 251 Kearny St., S. F. $20,000

RESIDENCE
(1709) McLAREN AVE AND CAMINO Del Mar (Sea Cliff). Two-story & basement frame residence.
Owner—Howard Brickel.
Architect—Miller & Pflueger, 213 Lick Bldg., San Francisco.
Contractor—Wm. Martin, 180 Jessie St., San Francisco. $39,000
NOTE:—Recorded contract reported April 12, 1924.

DWELLING
(1710) S ROLPH 130 W Athens. One story and basement frame dwlg.
Owner—Dore Olson, 3569 17th St., San Francisco.
Architect—None. $3000

ALTERATIONS
(1711) NO. 518 SANCHEZ. General alterations and additions to dwlg.
Owner— Mrs. David Ross. Premises.
Architect—Frank W. Weber, 2224 Mariposa St., S. F. $2000

DWELLINGS
(1712) N SILVER AVE 150, 175 and 200 E Merrill. Three one-story & basement frame dwellings.
Owner—L. Silverstein, 2471 San Bruno Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 1st Nat'l. Bank Bldg., S. F. $3000 each

APARTMENTS
(1713) E TWENTY-EIGHTH AVE 100 N Clement. Two-story frame (4) apartments.
Owner—H. A. Meyer, 485 22nd Ave., San Francisco.
Architect—Klaus Adler.
ontractor — Klaus Adler, 2210 Balboa St., San Francisco. $13,000

DWELLINGS
(1714) N WOOLSEY 50 and 75 E Girard. Two one-story and basement frame dwellings.
Owner—L. Silverstein, 2471 San Bruno Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 1st Nat'l. Bank Bldg., S. F. $3000 each

DWELLING
(1715) S FILBERT 137-6 E Hyde. All work for two-sstory and basement frame dwelling.
Owner — Gertrude M. Austin. 1069 Chestnut St., San Francisco
Plans by Owner.
Contractor—Henry Papenhausen, 532 3rd St., San Francisco.
Filed Apr. 12, '24. Dated Apr. 9, '24.
Frame up $3052.50
Brown coated 3052.50
Completed 3052.50
Usual 35 days..... 3052.50
TOTAL COST, $12,210.00
Bond, $6002. Sureties. S. W. J. Mahoney and John Clervi. Limit, 110 days. Forfeit, none Plans and specifications filed.
NOTE—Permit reported Apr. 1, 1924, No. 1472.

FLATS
(1716) W PRESIDIO AVE 75 E Sacramento 25x100. All work for two-story and basement frame flats.
Owner—Thos. A. and Mary E. Armitage 251 11th Ave., S. F.
Architect—None.
Contractor—John V. Stiefel, 184 23rd Ave., San Francisco.
Filed Apr. 12, '24. Dated Apr. 3, '24.
Frame up $2950
Brown coated 2950
Completed 2950
Usual 35 days..... 2950
TOTAL COST, $11,800
Bond, $5900. Sureties, M. A. Slattery and Nicolaus Hesse. Limit, 120 days after April 15, 1924. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported April 8, 1924 No. 1611.

DWELLING
(1717) W TWENTY-THIRD AVE 210 N Kirkham N 25xW 120. All work N Kirkham N 25xW 120. All work for one-story frame dwtlling.
Owner—G. C. Alfrey, 52 6th St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 1st Nat'l. Bank Bldg., San Francisco.
Filed Apr. 12, '24. Dated Feb. 15, '24.
Roof sheathing on.....$1205
Brown coated 1205
Completed 1205
Usual 35 days..... 1205
TOTAL COST, $4820
Bond, $2410. Surety, Anna Meyer. Limit, 90 days. Forfeit. plans and specifications. none.
NOTE—Permit reported Feb. 2, 1924. No. 843

FLATS
(1718) E NINETEENTH AVE 300 N Fulton E 120xN 25. Excavating, concrete, carpenter, mill, plastering, hardware, electric wiring and hardwood floors for two-story frame flats.
Owner—Wm. N. W. Warnke, 1521 Mason St., San Francisco.
Architect — Carl Geilfuss. 1056 Fulton St., San Francisco.
Contractor—O. C. Holt, 180 Jessie St., San Francisco.
Filed Aprl. 12, '24 Dated Apr. 8, '24.
Enclosed and roofed.....$2055
Brown coated 2000
Inside standing finish on..... 2000
Completed and accepted..... 2000
Usual 35 days..... 2685
TOTAL COST, $10,740
Bond. $5370. Sureties, scar W. Thunberg and J. Martinelli. Limit, 90 days. Forfeit, $5. Plans and specifications filed.
NOTE—Permit reported April 8, 1924, No. 1603.

(1719) PLUMBING ON ABOVE.
Contractor—David Gibbs, 654 5th Ave., San Francisco.
Filed Apr. 12, '23. Dated Apr. 8, '24.
Completed and accepted..... 550
Plumbing work installed.....$550
Usual 35 days..... 397
TOTAL COST, $1497
Bond, $750. Sureties, Geo. Gibbs and Chas. Gibbs. Limit, 10 days after standing finish on. Limit. $5. Plans and specificatinos filed.

DWELLING
(1720) S BALBOA 57-6 W Second Ave. One-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. $4000

ALTERATIONS
(1721) NW BRYANT AND TWENTY-fourth. Remodel for banking quarters; carpentry, plastering, mill work, plumbing, hardware, eact.
Owner—Bank of Italy, Montgomery & Clay Sts., San Francisco.
Architect—None.
Contractor — Thos. F. Mitchell, 1370 Utah St., S. F. $2474

DWELLING
(1722) E FORTY-THIRD AVE 75 S Balboa. One-story and basement frame dwelling.
Owner—Henrietta Nelson, 242 Second Ave., San Francisco.
Architect—None.
Contractor—Henry S. Nelson, 689 6th Ave., San Francisco. $3400

DWELLING
(1723) W FORTIETH AVE 325 S Balboa. One-story and bsemaent frame dwelling.
Owner—John Burns, 2614 McAllister St., San Francisco.
Plans by Owner. $4000

ADDITION
(1724) E FOLSOM from 15th to 16th. Two-story frame addition for factory.
Owner—American Steel & Wire Co., Folsom and 16th Sts., S. F.
Plans by Owner. $32,000

ALTERATIONS
(1725) NO. 1111 PINE. Remodel for (6) apartments.
Owner—G. Bertalone, Premises.
Architect—None. $1200

DWELLINGS
(1726) E TWENTY-FIFTH AVE 150 & 175 S Lincoln Way. Two one-story and basement frame dwellings.
Owner—J. W. Barton, 655 Powell St., San Francisco.
Architect—None. $3500 ea

DWELLING
(1727) E TWENTY-FIFTH AVE 200 N California. One-story and basement frame dwelling.
Owner — E. A. Janssen, 402 Hearst Bldg., San Francisco.
Architect—None. $4000

RESIDENCE
(1728) E DEWEY BLVD 115 N Pacheco. Two-story and basement frame residence.
Owner—Wm. C. Hamerton, 155 Taraval St., San Francisco.
Architect—None.
Contractor — A. C. Hamerton. 481 Dewey Blvd., S. F. $9500

ADDITIONS
(1729) NO. 176 DELMAR. Additional rooms for apartments.
Owner—Mrs. J. M. Harley, Premises.
Architect—None. $1500

ALTERATIONS
(1730) NO. 750 MADRID. General alterations and repairs to residence.
Owner—A. Terranova, Premises.
Plans by Owner. $1750

DWELLING
(1731) E ASHTON AVE., 153-9 S Ocean Ave. 1-story and basement frame dwelling.
Owner — C. E. Soules, 159 Brighton Ave., S. F.
Architect—None. $4000

STORES, ETC.
(1732) NE BRANNAN AND RITCH Sts. 2-story class C stores and offices.
Owner—Howard Realty Co., Alexander Bldg., S. F.
Architect—None.
Contractor—Geo. Wagner, 181 South Park, San Francisco. $40,000

DWELLING
(1733) W CERRITOS AVE. 100 S Ocean Ave. 2-story and basement frame dwelling.
Owner—S. F. Johnson, 5750 Fulton St., San Francisco.
Architect—Chas. F. Strothoff, 2774 15th St., San Francisco. $5000

DWELLINGS
(1734) N HEARST AVE. 100, 125 E Genesee. Two 1-story and basement frame dwellings.
Owner—E. J. Hargrave, 1106 Laguna, Burlingame, Calif.
Plans by Owner. $3400 each.

FRAMING
(1735) E LEAVENWORTH 100 S Filbert. Erect foundation framing.
Owner—Dr. J. M. Robertson, 1113 Greenwich St., S. F.
Architect—None. $4000

UNDERPINNING
(1736) S MINNA 161-6 W New Montgomery. Under - pin foundation with brick, 29-in. thick.
Owner—Gladding McBean Co., Crocker Bldg., S. F.
Architect—None.
Contractor — Lindgren & Swinerton, Inc., 622 Standard Oil Bldg., S. F. $2500

ALTERATIONS
(1737) SE NEW MONTGOMERY and Natoma. Change front, remodel 2nd floor, (stores and lofts).
Owner—Bernheim, Schwartz & Bernheim, 522 New Call Bldg., S. F.
Architect — Bernard J. Joseph, New Call Bldg., S. F. $1500

TWO-STORY BLDG.
(1738) E DOLORES 125 S 242 S 25 x E 135. All work except furnishing finish hardware, shades, lighting fixtures and radiators for 2-story and basement bldg.
Owner — Charles A. Renner, Jr., and Emma J. Renner, 1579 Sanchez, San Francisco.
Architect—Wm. Debrunner, 1348 Powell St., S. F.
Contractor — Meyer Bros., First National Bank Bldg., S. F.
Filed Apr. 14, 1924. Dated Apr. 14, 1924
Enclosed $3246.75
Brown coated 3246.75
Standing trim on 3246.75
Completed and accepted 3246.75
Usual 35 days 4369.00
TOTAL COST, $17,316
Bond, $8650. Sureties, Anna Meyer. Forfeit, none. Limit, 90 days. Plans and Specifications filed.
NOTE—Permit reported Apr. 7, 1924 No. 1584.

TWO-STORY BLDG.
(1739) E DOLORES 100 S 24TH S 25 x E 135. All work except finish hardware, shades, lighting fixtures and radiators for 2-story & basement bldg.
Owner—Wm. G. and Helene M. King, 1579 Sanchez, S. F.
Architect—Wm. Debrunner, 1348 Powell St., S. F.
Contractor — Meyer Bros., First National Bank Bldg., S. F.
Filed Apr. 14, 1924. Dated Apr. 14, 1924
Enclosed $3246.75
Brown coated 3246.75
Standing trim on..... 3246.75
Completed and accepted ... 3246.75
Usual 35 days 4329.00
TOTAL COST, $17,316
Bond, $8658. Sureties, Anna Meyer. Forfeit, none. Limit, 90 days. Plans and Specifications filed.

FLATS
(1740) N FRANCISCO 62-6 E Gough, E 65 x N 100. All work for 2-story and basement frame flat building.
Owner—Anna C. D. Burfeind, ——.
Architect—Albert J. Fabre and U. H. Hildebrand, 110 Sutter St., S. F.
Contractor—John Harder, 870 39th Ave., S. F.
Filed Apr. 14, 1924. Dated Aur. 12, 1924
Frame up $3575
Brown coated 3575
Completed and accepted 3575
Usual 35 days 3575
TOTAL COST, $14,300
Bond, $7150. Sureties, Fidelity and Deposit Co. of Maryland. Forfeit, $5. Limit, 95 days. Plans and Specifications filed.
NOTE—Permit reported Apr. 8, 1924 No. 1606.

GRADING, ETC.
(1741) NE BEALE AND FOLSOM. All work, grading, paving curbing and lowering existing granite street curb for driveway at NE Beale and Folsom.
Owner — Southern Pacific Co., S. P. Bldg., S. F.
Architect—None.
Contractor—M. J. Tracy.
Filed Apr. 14, 1924. Dated Mar. 21, 1924
Close of each month.....75%
Usual 35 days 25%
TOTAL COST—
Grading, per cubic yd, $1.50; paving, concrete and asphalt, 25c per sq. ft.; curbing, $1.30 per lineal ft.; lowering curb, 49c per lineal ft.
Bond, $1314. Sureties, Fidelity & Deposit Co. of Maryland. Forfeit, none. Limit, 40 days. Plans and Specifications filed.

MOVING, ETC.
(1742) SW RANDOLPH & RAMSELL 401 Randolph. All work for moving, raising, foundations, etc., for 1-story residence.
Owner—Seth B. Crawford and Nellie Crawford, prem.
Architect—Louis Gardenir, 942 Pine St., S. F.
Contractor—Jenkins & Gross, 3358 Market St., S. F.
Filed Apr. 14 1924. Dated Feb. 28, 1924
Enclosed $245
Completed and accepted 245
TOTAL COST, $490
Bond, $245. Sureties, Genive C. Jenkins, and J. F. Hamann. Forfeit, Limit, none. Plans and Specifications filed.
NOTE—Permit applied for today.

MOVING, ETC.
(1743) S RANDOLPH 75 W BRIGHT 109 Randolph All work for moving raising foundation, underpinning etc. for 1-story residence.
Owner — Charlotte P. Bailey, Eau Claire, Michigan.
Architect—Lewis M. Gardner, 942 Pine St., S. F.
Contractor — Jenkins & Gross, 3358 Market St. S. F.
Filed Apr. 14 1924. Dated Feb. 15, 1924

Underpinning in & enc.....$575.95
Completed and accepted 354.00
TOTAL COST, $707.00
Bond, 35c. Sureties, Gesina C. Jenkins and J. F. Hamann. Forfeit none. Limit, 60 days. Plans and Specifications filed.
NOTE—Permit applied for today.

MOVING, ETC.
(1744) S RANDOLPH 50 E HEAD. 131 Randolph. All work for moving raising, foundation, underpinning, etc., for 1-story residence
Owner—Hannah Higgins, prem. Pine St., S. F.
Contractor — Jenkins & Gross, 3358 Market St., S. F.
Filed Apr. 14, 1924. Dated Feb. 20, 1924
Enclosed $627.50
Completed and accepted 627.50
TOTAL COST, $1255
Bond $627. Sureties, Gesina C. Jenkins and J. F. Hamann. Forfeit, none. Limit, 60 days. Plans and Specifications filed.

BASEMENT & MEZZANINE FLOOR
(1745) N SACRAMENTO 50 W KEARNY, 44.2 x 59.6. 1-story basement and mezzanine floor concrete bldg.
Owner—Washington I. & Edith A. Kohnke, 508 Clay St.
Architect—Engineer C. E. Curry, 214 Sharon Bldg.
Contractor—H. L. Petersen, 35 Montgomery St.
Filed Apr. 14, 1924. Dated Mar. 27, 1924
5th of each month 75%
Usual 35 days 25%
TOTAL COST, $19,000
Bond, none. Sureties, L. E. Sibley and D. J. Sullivan. Forfeit, none. Limit, 90 days. Plans and Specifications not filed.

(1746) NW 16TH & FLORIDA STS. Grading of lot.
Owner—The San Francisco Soc. for the Prevention of Cruelty to Animals.
Architect—Surveyor H. R. Elbright.
Filed, April 14, '24. Dated, April 9, '24.
Contractor—Farrar & Carlin, 180 Jessie St.
Completed and accepted $1500
Usual 35 days .....Balance
TOTAL COST, $2000
Bond, $2000. Sureties, Fidelity & Deposit Co. of Maryland. Forfeit, none. Limit, April 25, 1924. Specifications and plans filed, none.

FLATS
(1747) NO. 35 CUVIER. Two-story and basement frame (2) flats.
Owner—E. H. Brennan, 127 St. Marys Ave., San Francisco.
Plans by Owner. $4000

STORES
(1748) E FILLMORE 69-5½ N O'Farrell. One-story concrete stores.
Owner—Sam Schwartz, 110 Sutter St., San Francisco.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor — J. Martinelli, 180 Jessie St., San Francisco. $10,000

DWELLING
(1749) E FORTIETH AVE 150 S Geary. One-story and basement frame dwelling.
Owner — A. B. Quinn, 3666 17th St., San Francisco.
Architect—None.
Contractor—A. Quinn, 3666 17th St., San Francisco. $3000

DWELLING
(1750) NE PALOU 82-6 SE Lane. Two-story and basement frame dwelling.
Owner — S. C. Johnson, 1513 Shafter Ave., San Francisco.
Architect—None.
Contractor—Samuel H. Hansen, 1526 Hudson Ave., S. F. $5100

SALES ROOMS
(1751) SW POST AND AVERY. Two-story concrete auto sales rooms.
Owner—C. W. Brinstad.
Architect — Miller & Warnecke, Call Bldg., San Francisco.
Contractor — Parrett & Hilp, 918 Harrison St., San Francisco. $28,000

APARTMENTS
(1752) W NOE 195 S Seventeenth. Two-story and basement frame (4) apartments.
Owner—Mr. and Mrs. Pinto, 431 Noe St., San Francisco.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—J. A. Pereira, 1430 19th Ave., San Francisco. $16,000

FACTORY
(1753) NW TENTH AND FOLSOM. Two-story concrete factory.
Owner—Kleiber Motor Truck Co., 11th and Folsom Sts., San Francisco.
Architect—The Austin Co. of Calif., 708 Santa Fe Bldg., S. F. $165,000

DWELLING
(1754) W TWENTY-FIRST AVE 150 N Vicente. One-story and basement frame dwelling.
Owner—H. Kormel, 316 Noreiga, S. F.
Architect—None. $3000

APARTMENTS
(1755) E DOLORES 50 S CLINTON Park. 2-story and basement frame (4) apartments.
Owner—J. L. Cuneo and F. DeMartini, 360 Dolores St., S. F.
Architect—None. $10,000

DWELLING
(1756) E FORTY-FIFTH AVE. 100 S Cabrillo. 1-story and basement frame dwelling.
Owner—J. B. Nichols, 5600 Geary St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. $3000

DWELLING
(1757) W LEE AVE. 100 S GRAFTON. 1-story and basmeent frame dwlg.
Owner—Meyer Bros., 1 Montgomery St. San Francisco.
Architect—None. $3000

DWELLING
(1758) N PORTOLA 270 E Kensington Way. 1-story and basement frame dwlg.
Owner—Lang Realty Co., 209 First National Bank Bldg., S. F.
Architect — H. Stoner, 219 First National Bank Bldg., S. F. $3000

ALTERATIONS
(1759) 812 STANYAN STREET. Tar and gravel roof; painting, etc., for flats.
Owner—Mrs. Parnell, 812 Stanyan St., San Francisco.
Architect—None.
Contractor—Chas. Cohurn, 180 Jessie St., San Francisco. $1100.

FLATS
(1760) E COOK 162-5 N GEARY. 2-story and basement frame (2) flats.
Owner—Angelo Benedetti, 33 Cook St., San Francisco.
Architect—None.
Contractor—G. Ferroni & Sons, 1526 Filbert St., S. F. $9700

DWELLING
(1761) NW EDINBURGH AND ITALY One-story and basement frame dwelling.
Owner—Boyd Wickersham 694 San Jose Ave., S. F.
Plans by Owner. $3500

APARTMENTS
(1762) NE TWENTY-SECOND AND DeHaro. Two-story and basement frame (4) apartments.
Owner—M. Samandroff, Rhode Island St., San Francisco.
Architect—None. $6000

DWELLING
(1763) S VALLEY 280 E Noe. One-story and basement frame dwlg.
Owner—Edward F. Nation, 374 Coleridge St., San Francisco.
Architect—None
Contractor—N. F. Nilsson, 835 O'Farrell St., S. F. $3400

RESIDENCE
(1764) NE JACKSON AND ARGUello Blvd., E 60 N to Presidio, SW to Arguello Blvd., S 56-2½. All work, excavation, carpentry work, etc., 2-story and basement frame residence.
Owner—Julius Behrend, ——.
Architect—Alfred H. Jacobs, 110 Sutter St., S. F.
Contractor—James Jensen, 354 Pine St. San Francisco.
Filed Apr. 15, 1924. Dated Apr. 14, 1924
Floor joists set $2120
Roof sheathing on 3000
Brown coated 4500
Completed and accepted 4560
Usual 35 days 4560
TOTAL COST, $18,240
Bond $18,240. Sureties, Hartford Accident & Indemnity. Forfeit, none. Limit, Sept. 15, 1924. Plans and Specifications filed.
NOTE—Permit applied for today.

(1765) PLUMBING ON ABOVE.
Contractor—Wm. J. Forster Co., 670 Howard St., S. F.
Filed Apr. 15, 1924. Dated Apr. 14, 1924
Roughed in $1194.50
Completed and accepted 597.25
Usual 35 days 597.25
TOTAL COST, $2389
Bond, $1200. Sureties, Wm. M. Forster and Jos. M. Cleary. Forfeit none. Limit, as required. Plans and Specifications filed.

(1766) PAINTING ON ABOVE.
Contractor—D. Zelinsky & Sons, 165 Grove St., S. F.
Filed Apr. 15, 1924. Dated Apr. 14, 1924
Completed and accepted $1197
Usual 35 days 399
TOTAL COST, $1596
Bond, Sureties, Forfeit, none. Limit, 14 days after carpenter work is done. Plans and Specifications filed.

DWELLING
(1767) E BORICA 50 N URBANO. 1-story frame dwelling.
Owner—John R. Lindsay, 315 Granada San Francisco.
Architect—None. $5000

APARTMENTS
(1768) SE CALIFORNIA & Webster. 3-story frame apartments.
Owner—H. S. Meinberger.
Architect—J. C. Hladik, Monadnock bldg., San Francisco.
Contractor — H. C. Meinberger, 5720 California St. S. F. $25,000

DWELLING
(1769) E TWENTY-NINTH 175 S Irwin. 1-story frame dwelling.
Owner—Bernhardt Bldg. Co., 582 Grove St., San Francisco.
Architect — Gustave Stahlberg, Flat Iron Bldg., S. F. $5000

DWELLING
(1770) S OTSEGO 175 S SANTA YSABEL. 1-story frame dwelling.
Owner—Olson & Woods, 336 Granada, San Francisco.
Architect—Chas. Strothoff, 2274 15th St., S. F. $4000

APARTMENTS
(1771) NW PINE AND LAGUNA. 3-story frame apartments.
Owner—Charles Johnson 36 Steiner St. San Francisco.
Architect — Baumann & Jose, 251 Kearny St., S. F. $35,000

DWELLING
(1772) S SAN LORENZO 114 E Portola. 2-story frame dwelling.
Owner—H. S. Porter, 3008 Broderick, San Francisco.
Architect — Jos. L. Stewart, Claus Spreckels Bldg., S. F.
Contractor—M. C. Ingraham, 165 Fell St., S. F. $15,000

APARTMENTS
(1773) W SAN JOSE AVE. 62-6 S 24th 2-story frame apartments.
Owner—A. H. Beetham, 3555 18th St., San Francisco.
Architect—A. H. Beetham, 3555 18th St., S. F. $20,000

DWELLINGS
(1774) E TWENTY-EIGHTH AVE. 225, 200 S Irving. Two 1-story frame dwellings.
Owner Love & Siskron, 181 Albion Ave., S. F.
Plans by owner. $3000 each.

FLATS
N FELL 31-3 W CLAYTON. 2-story frame flats.
Owner—Jos. M. Etienne, 837 Folsom St., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., S. F. $8000
NOTE—Recorded contract reported Apr. 11, 1924, No. 1672.

STEAM HEATING, ETC.
(1775) NW LARKIN AND GREENwich N 25 x W 105-9. All work for steam heating system, hot water heating and oil burning equipment for 3-story and basement frame apartment house.
Owner—Annie M. Convey.
Architect—John H. Powers and John H. Ahnden, 460 Montgomery St., San Francisco.
Contractor—Scott Co., Inc., 243 Minna St., San Francisco.
Filed Apr. 16, 1924. Dated Apr. 8, 1924
Roughing in complete.....$720
Completed and accepted 720
Usual 35 days 180
TOTAL COST, $1920

Bond, Sureties, Forfeit, none Limit, 100 days. Plans and Specifications filed.

(1776) PLUMBING ON ABOVE.
Contractor—Henry Ernst & Sons, 633 Hayes St., San Francisco.
Filed Apr. 16, 1924. Dated Apr. 8, 1924
Roughed in $1500
Usual 35 days 650
TOTAL COST, $2639
Bond, none. Sureties, B. B. Wilson and A. W. Middleton. Forfeit, none. Limit, 100 days. Plans and Specifications filed.

RESIDENCE
(1777) LOT 21, BLK. 23, St. Francis Wood Extension No. 2. All work for 1-story and basement frame residence and garage.
Owner—Garden Homes Co., 278 Post St., San Francisco.
Architect — Masten & Hurd, 278 Post St., San Francisco.
Contractor — Moore & Madsen, 77 O'Farrel St., San Francisco.
Filed Apr. 16, 1924. Dated Apr. 14, 1924
5th of each month 75%
Usual 35 days 25%
TOTAL COST, $8490
Bond, Sureties, none. Forfeit, $5.00. Limit, 100 days. Plans and Specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

April 10, 1924—W THIRTY-THIRD AVE., 175 N Irving N 25 x W 120. Walter H. Gates to whom it may concern .....April 9, 192 4April 10, 1924—NW JACKSON AND Laguna W 55 x N 127-8¾. J. E. Levin to Rigney Tile Co...Apr. 8, '24

April 10, 1924—E WHEAT 200 N Salinas Ave. N 25 x E 100 lot 40 blk. 5 Garden Tr. Ad. James R. Quinn to whom it may concern..Apr. 7, '24

Apr. 10, 1924—W TWENTY-FOURTH Ave 125 S Irving S 25x120. Elias Vigen to whom it may concern.. .....April 10, 1924

April 10, 1924—W FOURTH 48 S Folsom S 22xW 75. E L Whelan to Kiernan & O'Brien..April 9, 1924

Apr 10, 1924—E TWENTY-SEVENTH Ave 25 N Clement N 75 E 67-6½ SE 75 m or l W 75 m or l. Michael & Lawrence Costello to whom it may concern.....April 9, 1924

April 10, 1924—LOCATION NOT Given. Peter W Lally to whom it may concern.....April 5, 1924

April 11, 1924—COR. MARKET AND Stockton. J. E. Scully to B. C. Van Emon Elevators Inc..Apr. 10, '24

April 11, 1924 — E TWENTY-SEVenth Ave. 250 S Clement S 25 E 114-4⅝ N 25 W 112-0½. H. O. Lindeman .....April 10, 1924

April 11, 1924—E TWENTY-SEVenth Ave. 275 S Clement S 65 E 117-2¼ N 25 W 114-4⅝. H. O. Lindeman to W. R. Lindeman.. .....April 10, 1924

April 11, 1924—N PAGE 181-3 E Pierce 50x181-3 No. 748 Page. A Petry to whom it may concern... .....April 10, 1924

April 11, 1924—W EDGAR PLACE 225 S Bruce Ave S 25xW 112-6 Lot 43 Blk "B" Lakeview. The McCarthy Co to James Arnott & Son .....April 10, 1924

April 11, 1924—N CHESTNUT 150, 127.100 and 75 E Octavia E 25xN 137-6. Sbarboro Detjen & Noonan to whom it may concern.Apr. 10, 1924

April 11, 1924—75 S MARKET on Stewart, No. 11 Stewart. The Anchor Chain, Inc to M F Hamilton.....April 1, 1924

April 11, 1924—W THIRTY-SECOND Ave 300, 327-4, 354-8 and 382 N Taraval N 27-4x120 and N 27-5x 120. Parkside Realty Co to whom it may concern.....April 11, 1924

April 10, 1924—W TWENTY-FIFTH Ave 25 N Cabrillo N 25xW 82-6. Michael and Lawrence Costello to whom it may concern...Apr. 9, 1924

April 10, 1924—NE CLEMENT AND Twenty-seventh Ave N 25 E 75 m or l SE 25 m or l W 77-9. Michael and Lawrence Costello to whom it may concern.....April 9, 1924

April 10, 1924—NW CABRILLO AND Twenty-fifth Ave N 25xW 82-6. Michael and Lawrence Costello to whom it may concern.....Apr. 9, 1924

April 12, 1924—E NINETEENTH AV 50 S Judah S 25xE 20. John A Pereira to whom it may concern.. .....April 3, 924

April 2, 924—S UNION 62-6 W Gough W 27-6x112-6. Vincent Rege to whom it may concern....Apr. 1, 1924

April 12, 1924—W WHEELER AVE 132 N Bay Shore Ave N 22xW 100 Ptn Blk 11. Crocker Bay Shore Tct Crocker Estate Co to whom it may concern .....April 8, 1924

April 12, 1924—E TWENTY-FIFTH Ave 162 N Cabrillo 27x120. Wm Costello to whom it may concern.. .....April 8, 1924

April 12, 1924—W CORDOVA 50 S Prague S 25xW 102.75 the bearing N 14° 34' 20" W 25.07 N 71° 11' E parl with 2nd course 100.89 to W Cordova and pt of beg Ptn Lots 11, 12 and 13 Blk 6450. Crocker Amazon Tract Sub. No. 5. Crocker Estate Co to whom it may concern .....April 8, 1924

April 14, 1924—W SEVENTH AVE 275 and 250 S Geary 25x120. H C Christiansen to whom it may concern .....April 14, 1924

April 14, 1924—LOTS 2, 3 & 4 BLK 6468 B Harder & Daniels Mission Tract. H A Ward to whom it may concern.....April 14, 1924

April 14, 1924—SW HYDE AND Greenwich W 92xS 40. O B Martin to Rigney Tile Co..... .....April 8, 1924

April 14, 1924—W GUERRERO 61 S Nineteenth S 25xW 75. Frank, Wm, A D B and A E De Mattei to Gustav Peterson.....April 12, 1924

April 14, 1924—LOT 22 BLK 2918 Map Laguna Honda Park. Jos Richards to A D Dorr..April 7, 1924

April 14, 1924—S BAY 83 W Larkin W 96xS 32-6. Louis Heilmann to whom it may concern...April 10, '24

April 14, 1924—LOT 14 BLK. 2889, Map Laguna Honda Park. Hawkins Imp. Co. to A. D. Dorr..... .....April 12, 1924

April 14, 1924—E LEAVENWORTH 98-10 S Lombard S 38-8 E 110 N 37-6 W 37-6 N 1-2 W 52-6. Philip L. Delucchi to G. Cassaro..Apr. 12, '24

April 14, 1924—E GOUGH 75 N Lombard E 87-6 x N 25. M. H. and Delia Fogarthy to John Harder.. .....April 11, 1924

April 14, 1924 — LOTS 37 AND 38 blk. C, Mission Terrace. Walter E. Hansen to whom it may concern .....April 11, 1924

April 14, 1924—NW 22ND AND Valencia N 50 x W 826-. Hibernia S. and L. Soc. to Raymond Granite Co., Inc. .....April 11, 1924

April 14, 1924—E 38TH AVE. 225 S Lincoln Way S 25 x E 120. St. Francis Realty Co. to whom it may concern.....April 10, 1924

April 16, 1924—E FIFTH AVE 61-3 S Harrison 52-6x80. O J Williams to J S Sampson Co.....April 15, 1924

April 16, 1924—SW CONCORD 30 NW Moise 30x90 Lot 99 Bernal Hd Tr. Robert Hill to whom it may concern.....April 15 1924

April 16, 1924 E NEWTON 50 N Morse 25x100. Oscar L Erickson to whom it may concern.April 15, '24

April 16, 1924—E EDNA 75 N Havelock 25x100 Lot 6 Blk 32, Sunnyside Tr. Adam Garich to whom it may concern.....April 16, 1924

April 16, 1924—S LINCOLN WAY 32-6 W 40th Ave W 25xS 100. Ethel C Jorgensen fmly Groom to whom it may concern..Mar. 27, 1924

April 16, 1924—E PETERS AVE. 178 S Fair Ave. Matt and Sophie Schlicker to James Low..Apr. 14, '24

April 16, 1924—E SAN JOSE AVE. 200 S Duncan. Wm. A. and Belinda Newson to whom it may concern .....April 15, 1924

April 16, 1924—W 47TH AVE. 75 N Fulton N 25 x W 82-6. Charles Fichtanbond to whom it may concern .....April 16, 1924

April 16, 1924—W EIGHTH AVE. 250 S Irving S 25 x W 120. Lucy P. South to W. E. Grant..Apr. 14, '24

April 16, 1924—ON BEALE BET. Howard and Mission. Southern Pacific Co. to McGill & O'Connor.. .....April 9, 1924

April 16, 1924 — W BEALE BET. Folsom and Mission. Southern Pacific Co. to McGill & O'Connor.. .....April 8, 1924

April 16, 1924—NW CHENERY 113 NE Roanoke NE 100 x NW 100, lots 6 and 7, blk. 6, Fairmount Tr. Axel R. Garson to whom it may concern .....April 15, 1924

April 14, 1924—W FAXON AVE 175 S Holloway Ave. No. 367 Faxon Av. J Johnson and L Erlendson to whom it may concern...April 1, 1924

April 15, 1924—SE MINNA 25 NE Julia NE 50xSE 80. Arthur Elvin to Moller & De Luca....April 15, '24

April 15, 1924—E TWENTY-SECOND Ave 234-3 S Irving S 26xE 120. Robert and Frances E Brunig to Theodore Veyhle.....April 12, 1924

April 15, 1924—N SECOND AND DE Boom NE 100 NW 55 SW 20 SE 25 SW 80 SE 30. Howard Realty Co to Buschke & Brown...April 4, 1924

April 15, 1924—SE LINCOLN WAY & Twenty-sixth Ave E 25xS 100. Herman H Bergfeld to whom it may concern.....April 15, 1924

April 15, 1924—S HOWARD 400 W Fourth S 85 E 45 S 70 W 95 N 155 E 50. Alexander Dulfer to Barrett & Hilp.....April 14, 1924

April 15, 1924—E THIRTIETH AVE 125 N Taraval N 25xE 120. Alfred E and Theresia Naumann to McCauley & Weber.....Mar. 19, 1924

April 15, 1924—NW EIGHTH AVE and Judah. Fred Warden to whom it may concern.....April 15, 1924

LIENS FILED

SAN FRANCISCO COUNTY

April 15, 1924—S STAPLES AVE 201-8, 125, 158-4, 225 and 191-8 W Detroit S 112-6xW 33-4. (5 liens) Herbert E Pearson vs James Gibson, $132, $163, $161.50, $132 and $160 .....

April 14, 1924—W HANOVER 222-6 S Lowell S 44-6xW 213. Mission Floor Co vs Harry C Pinkerton..$93

April 14, 1924—W HANOVER 153 N Lowell N 25xW 106-6. Mission Floor Co vs Harry C Pinkerton.$152

April 14, 1924—W HANOVER 103 N Lowell N 50xW 106-6. Interior Floor Co vs Harry C Pinkerton.$250

April 10, 1924—W NEVADA 155 N Cortland Ave. N 55 x W 98-9 S 55 E 99-1 to beg. H. S. Thomson vs. Joseph or J. Serpa $296.88

April 16, 1924—E FOLSOM 149 N 22nd N 36 x E 122-6. J. H. Kruse vs. Charles Penny and Elizabeth A. Hall $207.06

April 16, 1924—E FOLSOM 149 N 22nd E 122-6 x N 36. Lipps & Lamar vs. Charles Penny, J. I. Hall, and Elizabeth A. Hall ..... $200.

April 16, 1924—S STAPLES AVE. 441-8 E Edna E 33-4 x S 112-6. Western Plumbing Supply Co. vs. Sunset Builders Co. and J. B. Beasley .....$180.

April 16, 1924—S STAPLES AVE. 441-8, 375, 275, 341-8, 408-4 E Edna 33-4 x S 112-6, five liens. P. E. O'Hair & Co. vs. Ray Allen as Western Plumbing Supply Co., R. J. Williams or Sunset Builders, and J. Beasley .....$138.50 each.

April 16, 1924 — S STAPLES AVE. 408-4, 275, 375, 341-8, E Edna E 33-4 x S 112-6, four liens. Western Plumbing Supply Co. vs. R. J. Williams as Sunset Builders Co. and J. R. Beasley .....$180. each.

RELEASE OF LIENS

SAN FRANCISCO COUNTY

April 10, 1924—W TWENTY-NINTH Ave. 275 S California S 25 x W 120. Leonard Lumber Co. to Mary E. House and L. A. French $31.75

April 10, 1924—S FELL 27-6 E Buchanan E 27-6 x S 92. Henry Ernst & Sons to E. K. & A. L. Nelson and Floretta Neuman .....

April 14, 1924—E THIRD AVE 125 S Lake S 50xE 120. A Seghieri & Bros, Inc to George M Merritt Building Co, Inc and Lizzie M Riehl .....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

April 11, 1924—SE MASON & EDDY Belmont Hotel. Alexander W Wilson and Robt Schurman as to improvements on property.....

April 12, 1924—N BUSH 60 E Grant Ave E 50 N 137-6 W 30 S 60 W 20 S 77-6. Benoite Wallace as to improvements on property.....

April 15, 1924—NE UNION AND Laguna E 40xN 60. Annie S Kellogg as to improvements on property..

April 15, 1924—SE MARKET 176-6 NE Sixth NE 49-3 SE 170 SW 49 NW 170. Wilson Estate Co as to improvements on property.....

April 15, 1924—W HARRISON 220 S Twentieth S 75xW 245. Kernan

Robson as to improvements on property.....

April 15, 1924—NE IRVING AND Forty-fourth Ave E 197-6NN 100, Sol Getz & Sons, Inc, as to improvements on property.....

ARCHITECT'S CERTIFICATE

SAN FRANCISCO COUNTY

April 9, 1924—Harry J Leasen has filed his certificate of architecture for San Francisco County.

April 11, 1924—Michael J Beezer and Louis Beezer have filed their certificates of architecture for San Francisco County.

EXTENSION OF BLDG. CONTRACT

SAN FRANCISCO

April 12, 1924—NORTH POINT ST., bet. Embarcadero and Jones Sts. Southern Pacific Co with Raisch Imp Co., 60 days from April 30.

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
1972	MacGregor	Owner	3500
1973	Moran	MacGregor	3500
1974	Bacon	Walton	2500
1975	Meyer	Beadell	4835
1976	Galvin	Owner	2500
1977	Bergnen	MacGregor	3500
1978	Latour	Roby	3000
1979	Johnson	Osborn	3000
1980	McPike	Owner	3000
1981	Cunha	McWethy	9000
1982	Bartels	Barham	6000
1983	Bardwell	Owner	5000
1984	Dumonte	Anderson	4500
1985	Shoening	Boeddeker	2200
1986	Crowley	Rose	1200
1987	Zamfa	Owner	4000
1988	Livingston	Owner	4750
1989	Ellison	Owner	12000
1990	Davis	Owner	2500
1991	Nichols	Blithroad	6500
1992	Zanone	Anderson	2950
1993	Geary	Owner	10500
1994	Dreyer	Stewart	3250
1995	Leighton	Owner	2000
1996	Bertoldy	Owner	13100
1997	Poor	Bold	9685
1998	Page	Owner	8000
1999	Page	Owner	4000
2000	Herriman	Palo	5000
2001	Paula	Hinds	7235
2002	Delta	Conner	32700
2003	Jugan	Loughery	5800
2004	Long	Hunnson	8370
2005	Kelling	Potter	6000
2006	Berk. Bldg. Co.	Owner	3000
2007	Vinnicombe	MacGregor	5795
2008	Wickes	MacDonald	5353
2009	Hufschmidt	Owner	7000
2010	Bowers	Dolan	5780
2011	Baptista	Monis	4950
2012	Van Horn	Owner	7000
2013	Gai	Kat	5000
2014	Giamizza	Kat	5000
2015	Burton	Owner	2500
2016	Rice	Pfrang	15000
2017	Stone	Owner	3500
2018	Whitten	Nall	6000
2019	Turner	Owner	5000
2020	Malley	Owner	24000
2021	Howard	Cal Bldrs	13500
2022	Fuchs	Murch	14514
2023	Custer	Conner	3350
2025	Steinbeck	Muller	16000
2024	Matheyer	Matheyer	12000
2026	Speranco	Woodard	30000
2027	Lodge	Owner	2000
2028	Bryan	Hauri	14650
2029	Nevins	Owner	2000
2030	Berger	Metz	1300
2031	Dorst	Owner	3500
2032	Higgins	Owner	30000
2034	luston	Owner	2000
2035	Clarke	Warner	6000
2036	Matheyer	Owner	10000
2037	S. P. Co	Jones	9220
2038	Wilbur	Knight	22500
[illegible]	[illegible]	Hale	4000
[illegible]	[illegible]	Henderson	15[illegible]
2041	Ala Inv Co	Owner	18000
2042	McCoy	Reite	4000
2043	Farrar	Owens	5000
2044	Baines	Smith	5000
2045	[illegible]	Pansian	8370
2046	Brodour	Owner	7000
2047	[illegible]	Henderson	16000
2048	Wood	S F Bldrs	16000
2049	Peacock	Crosman	....
2050	Brown	Baxter	9000
2051	Deulcchi	Owner	3500
2052	Hansen	Christensen	6800
2053	City of Oakland	Maurice	9978
2054	Santos	Owner	3500
2055	Creed	Williams	4000
2056	Jacobs	Sommarstrom	1400
2057	Cotton	Owner	3000
2058	Pfeiffer	Owner	5000
2059	Wilson	Owner	2500
2060	Smart	Smart	1500
2061	Alaska	White	219150
2062	Stone	Owner	37650
2063	Williford	Owner	4250
2064	Hanson	Owner	3800
2065	Vallmar	Vallmar	3500
2066	Stone	Owner	7350
2067	Stone	Owner	9050
2068	Noble	Owner	4000
2069	Anderson	Rockingham	3900
2070	Durker	Owner	3000
2071	McKinnon	Kaler	4500
2072	Clossen	Pedersen	2625
2073	Smith	Owner	3500
2074	Stone	Owner	2400
2075	Scheerer	Maasberg	2935
2076	McCausland	Jordan	5500
2077	Hill	Engler	9000
2078	Rogers	King	4500
2080	Hedberg	Bay Const.	10000
2081	Lee	Coast Const	23000
2082	Fisher	Owner	15000
2083	Noble	Owner	3000
2084	Capwell	Owner	5000
2085	Conner	Owner	4500
2086	Fallner	Fallner	3500
2087	Gaubert	Owner	8000
2088	Rissman	Havens	4900
2089	Franz	Bold	4750
2090	Demitz	Longhren	5800
2091	Siller	Hick	2500
2092	Allaf	Steffen	6400
2093	Ward	Cal. Bldrs	10000
2094	Rempe	Nelson	5500
2095	Sisters of	Bold	9685
2096	Franz	Bold	4750
2097	Lawrence	Maurice	5355
2098	Haefer	Owner	1500
2099	Weston	Owne	4500
2100	Norris	Norris	15000
2101	Maliana	Flewelling	5000
2102	Dubowski	Van Emon	1800
2103	Olson	Owner	20000
2104	Goldstein	Lehman	6100
2105	Schrader	Owner	9000
2106	Jacobsen	Jacobsen	3500
2107	Ninemacher	Owner	5000
2108	Matteson	Owner	2800
2109	Johanson	Owner	4500
2110	Merlinjones	Owner	2800
2111	Bocchio	Owner	2500
2112	Punt	Owner	2500
2113	Groogan	Easterly	7317

DWELLING
(1972) 1540 CARLTON, Oakland. 1-sto. 5-room dwelling (garage under).
Owner—Florence MacGregor, 470 13th St., Oakland.
Architect—None. $3500

DWELLING
(1973) 1524 CARLTON, Berkeley. 1-story 5-room dwelling and garage.
Owner—F. W. Moran.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $3500

DWELLING
(1974) 1831 CARLTON, Berkeley. 1-story 4-room dwelling.
Owner—Jeanne W. Bacon, 2624 Grove Berkeley.
Architect—None.
Contractor—F. L. Walton, 1210 Masonic Ave., Berkeley. $2500

DWELLING
(1975) 2529 GRANT, Berkeley. 1-story 6-room dwelling.
Owner — Wm. J. Meyer, 2314 Grant, Berkeley.
Architect—None.
Contractor—Beadell & Lane, 909 Spruce Berkeley. $4385

DWELLING
(1976) 1209 PARKER, Berkeley. 1-story 5-room dwelling.
Owner—Tom Galvin, 2819 E-23rd St., Oakland.
Architect—None. $2500

DWELLING
(1977) 1419 PARKER, Berkeley. 1-story 5-room dwelling.
Owner—C. Bergnen.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $3500

DWELLING
(1978) 2216 SPAULDING, Berkeley. 1-story 5-room dwelling.
Owner—I. H. Latour, 2074 Allston, Berkeley.
Architect—None.
Contractor—D. B. Roby & Son 2428 Jefferson, Berkeley. $3000

DWELLING
(1979) 648 VICENTE, Berkeley. 1-story 3-room dwelling.
Owner—Caroline Johnson, 2222 Bancroft Way, Berkeley.
Architect—None.
Contractor — Osborn & Woods, 2405 Bowditch, Berkeley. $3000

DWELLING
(1980) N BROOKLYN 200 W Lilac, Oakland. 1-story 5-room dwelling.
Owner—A. McPike, 1825 Fruitvale Ave. Oakland.
Architect—None. $3000

DWELLING
(1981) S CALMAR AVE. 350 W Carlston, Oakland. 2-story 8-room dwlg
Owner—A. C. Cunha, Syndicate Bldg., Oakland.
Architect—None.
Contractor — McWethy & Greenleaf, 2910 Telegraph, Oakland. $9000

DWELLING
(1982) N CALMAR AVE. W Paloma, Oakland. 2-story 7-room dwelling.
Owner—Wm. F. and Linnie A. Bartels, 509 40th St., Oakland.
Architect—A. W. Smith.
Contractor—C. L. Barham, 2111-2 Amer Bank Bldg., Oakland. $6000

DWELLING
(1983) 794 CALMAR AVE., Oakland. 1 story 6-room dwelling.
Owner—C. E. Bardwell, Jr., 2503 10th Ave., Oakland.
Architect—None. $5000

DWELLING
(1984) E DESMOND 100 N 49th St., Oakland. 1-story 7-room dwelling.
Owner — D. Damonte, Desmond St., Oakland.
Architect—None.
Contractor—C. A. Anderson, 716 E-23rd St., Oakland. $4500

DWELLING
(1985) W EIGHTY-FIRST AVE. S Blanche St., Oakland. 1-story 4-room dwelling.
Owner—O. Schoening, 1268 47th Ave., Oakland.
Architect—None.
Contractor—Joe Boeddeker, 1814 34th Ave., Oakland. $2200

REPAIRS
(1986) 1230 EIGHTEENTH ST., Oakland. Repairs.
Owner—W. W. Crowley, premises.
Architect—None.
Contractor—A. H. Rose, 525 17th St., Oakland. $1200

DWELLING
(1987) NW FORTY-FIRST & MARket Sts., Oakland. 1-story 3-room dwelling and stores.
Owner—Peter Zamfa. 4105 Market St., Oakland.
Architect—None. $4000

DWELLING
(1988) E LINCOLN AVE 557 N Hopkins, Oakland. 1-story 6-room dwlg
Owner—B. O. Livingston, 1927 Filbert, Oakland.
Architect—None. $4750

NOW READY FOR DELIVERY—
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Mail Personal Check to ARTHUR PRIDDLE, Publisher, 693 Mission St., San Francisco, Calif., U. S. A.

DWELLING
(1989) S NEVIL ST. 60 95 125 W 38th, Oakland. Three 1-story 5-room dwellings.
Owner—E. Ellison, 645 Mariposa Ave., Oakland.
Architect—None. $4000 each

DWELLING
(1990) E ONE HUNDRED FIRST AVE 100 N Walnut, Oakland. 1-story 4-room dwelling.
Owner—Wm. P. Davis, 2725 Octavia St. Oakland.
Architect—None. $2500

DWELLING
(1991) W PRESSLEY WAY 92 S Chabot Rd., Oakland. 1-story 7-room dwelling.
Owner—W. W. Nichols, 2729 Derby St., Berkeley.
Architect—None.
Contractor—D. T. Blithroad, 1451 Henry St., Berkeley. $6500

DWELLING
(1992) 1010 SIXTY-SECOND ST., Oakland. 1-story 5-room dwelling.
Owner—Carlo Zanone, 520 Talbot St., Albany.
Architect—None.
Contractor—A. Anderson, 3027 Florida St., Oakland. $2950

DWELLINGS
(1993) W SHAFTER 50 87 124 S Clifton, Oakland. Three 1-story 5-room dwellings.
Owner—Jack Geary, 1015 Grand Ave., Oakland.
Architect—None. $3500 each

ALAMEDA PERMITS ... ...

DWELLING
(1954) SW 62ND & BAKER STS., Oakland. 1-story 5-room dwlg.
Owner—Minnie Dreyer, 813 - 26th St., Oakland.
Architect—None.
Contractor—S. L. Stewart, 464 - 42nd St., Oakland. $3250

BAKE OVEN
(1995) 465 - 12TH ST. Oakland. Brk. bake oven.
Owner—Leighton Industries, 14th and Broadway, Oakland.
Architect—None. $2000

APTS. AND STORES
(1996) SE 3RD AND E 14TH ST., Oakland. 2-story 15-room apartments and stores.
Owner—Joe Bertoldy. 5026 Vicente St., Oakland.
Architect—None. $13,100

ADD. AND ALTERATIONS
(1997) 1505 - 34TH AVE., Oakland. 2-story additions and alterations.
Owner—Poor Clare Sisters.
Architect—None.
Contractor—P. J. Bold, 1657 - 35th Av., Oakland. $9685

DWELLINGS (4)
(1998) 1900-07-15-21 - 87TH AVE., Oakland. Four 1-story 4-room dwellings.
Owner—M. Page, 2060 1 55th Avenue, Oakland.
Architect—None. $2000 each

DWELLING
(1999) E WARFIELD 100 S Blvd. Way, Oakland. 1-story 6-room dwelling.
Owner—M. Page, 2060 - 55th Avenue, Oakland.
Architect—None. $4000

DWELLING
(2000) W WARFIELD AVE 40 N Prince St., Oakland. 1-story 6-rm. dwelling.
Owner—J. H. Harriman, 4824 Webster St., Oakland.
Architect—None.
Contractor—F. J. Palo, Hotel Touraine. Oakland. $5000

FLATS
(2001) LOT 13 IN E ½ BK M., Map of Lands adacent to Town of Encinal. Alameda. 2 flats, 2-story
Owner—Maria F. Paula, 1835 Wood, Alameda.
Architect—None.
Contractor—Wm. E. & Lawrence J. Hinds, 871 Oak, Alameda.
Filed April 9, '24. Dated April 5, '24.
Frame com. ..... ¼
Brown coated ..... ¼
Accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $7235
Bond, none. Sureties, none. Forfeit, none. Limit, 90 days after April 4, 1924. Specifications filed.

FRAME BUILDING
(2002) LOT 1 & S 30 LOT 2 BLK 2. Daley's Scenic Park, Berkeley. 2-story attic and basement frame building.
Owner—Delta Zeta Bldg. Assn., 1837 Arch, Berkeley.
Architect—Julia Morgan, Merchants Ex. Bldg., San Francisco.
Contractor—Conner & Conner, 1733 Francisco St., Berkeley.
Filed April 9, '24. Dated April 8, '24.
5th day of each month, estimated value 75%
Usual 25 days after completed and accepted 25%
TOTAL COST, $32,700
Bond, $16,250. Sureties. Natl. Surety Co., of New York. Forfeit, none. Limit, none. Plans and specifications filed.

DWELLING
(2003) NW E 31ST ST & 22ND AVE., Oakland. 2-story 7-room dwelling.
Owner—Augustine Demery & Caroline Jugan, 1735 Broadway, Oakland.
Architect—None.
Contractor—J. F. Loughery, 705 - 31st St., Oakland.
Filed April 9, '24. Dated April 8, '24.
Frame up and roof on.....$1450
Plastered $1450
Completed and accepted $1450
Usual 35 days $1450
TOTAL COST, $5800
Bond, $2900. Sureties, Maryland Casualty Co. Forfeit. none. Limit, 90 days after April 9, 1924. Plans and specifications filed.

DWELLING & GARAGE
(2004) LOT 34 BLK 1 ARLINGTON HEIGHTS, Berkeley. 6-room dwelling and garage.
Owner—J. F. Long, Berkeley.
Architect — John Hudson Thomas, 1st National Bk. Bldg., Berkeley.
Contractor—Louis O. Hansson, 1409 Bonita, Berkeley.
Filed April 10, '24. Dated April 8, '14.
Frame up ..... ¼
Brown coated ..... ¼
Accepted ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $8370
Bond, none. Sureties, none. Forfeit, none. Limit. 120 days. Plans and specifications filed.

DWELLING
(2005) 1510 GRANT ST., Berkeley. 2-story 8-room dwelling and garage
Owner—Leigh Kelling, 316 College Ave Berkeley.
Architect—None.
Contractor—A. W. Potter, 4025 Agua Vista St., Oakland. $6000

DWELLING
(2006) 1732 MARIN, Berkeley. 1-story 5-room dwelling and garage.
Owner—Berk. Bldg. Co., 2029 Shattuck Ave., Berkeley.
Architect—None. $3000

(2007) 140 CAPERTON AVE. Piedmont, 1-story 6-room residence and garage.
Owner—Stanley R. Vinnicombe.
Architect—None.
Contractor—C. M. MacGregor. $5795

DWELLING
(2008) 206 MAGNOLIA, Piedmont. 1-story 5-room dwelling and garage.
Owner—Wickes E. Glass.
Architect—None.
Contractor—MacDonell & Foreman. $5353

DWELLING
(2009) 89 NOVA DRIVE, Piedmont. 1-story 6-room dwelling and garage.
Owner—Walter Hufschmidt.
Architect—None.
Contractor—Walter Hufschmidt. $7000

DWELLING
(2010) 131 WILDWOOD, Piedmont. 1-story 6-room dwelling and garage.
Owner—H. M. Bowers.
Architect—None.
Contractor—Leo J. Dolan. $5780

DWELLING
(2011) NW AUSEON AVE & PLYMouth, Oakland. 1-story 5-rm dwlg.
Owner—Americo Baptista, 2845 E 10th St., Oakland.
Architect—None.
Contractor—C. C. Moriz, 2854 E-9th St. Oakland. $4950

DWELLINGS
(2012) 918 924 FORTY-FIFTH ST., Oakland. Two 1-story 5-rm dwlgs.
Owner—D. W. Van Horn, 6004 Monadnock Way, Oakland.
Architect—None. $3500 each

DWELLINGS
(2013) S FORTY-SIXTH AVE. 90 115 E West St., Oakland. Two 1-story 3-room dwellings.
Owner—T. Gai, 961 45th St., Oakland.
Architect—None.
Contractor—Wm. Kat, 2430 Humboldt Oakland. $2500 each

DWELLINGS
(2014) N FORTY-THIRD ST. 590 615 E Market, Oakland. 1-story 3-room dwellings (2).
Owner—C. Giamizza, 550 45th St., Oakland.
Architect—None.
Contractor—Wm. Kat, 4630 Humboldt, Oakland. $2500 each

DWELLING
(2015) E HIGH ST. 37 S Kansas, Oakland. 1-story 5-room dwelling.
Owner—E. W. Burton, 3708 High St., Oakland.
Architect—None. $2500

DWELLING
(2016) 696 LONGRIDGE RD., Oakland. 2-story 10-room dwelling.
Owner—D. E. Rice, 589 Lake Park Ave., Oakland.
Architect—None.
Contractor—C. J. Pfrang, 480 Forest St., Oakland. $15,000

DWELLING
(2017) E ONE HUNDRED SEVENTH Ave. 110 N Apricot, Oakland. 1-story 4-room dwelling.
Owner—E. B. & A. L. Stone Co., 804 Claus Spreckels Bldg., S. F.
Architect—None. $3500

STORES
(2018) NW SAN PABLO & FIFTY-fifth St., Oakland. 1-story 3-room dwelling.
Owner—C. W. Whitten, 1075 60th St., Oakland
Architect—None.
Contractor—Geo. C. Nall, 930 41st St., Oakland. $6000

DWELLING
(2019) SW SEMINARY & ROBERTS Aves., Oakland. 1-story 6-room dwelling.
Owner—Fred G. Turner, 1938 Auseon, Oakland.
Architect—None. $5000

DWELLING
(2020) W SEMINARY 40 80 120 160 200 240 N Roberts Ave., Oakland. Six 1-story 5-room dwellings.
Owner—F. T. Malley, 900 Lakeshore Ave., Oakland.
Architect—None. $4000 each

APARTMENTS
(2021) NE SIXTY-SECOND ST AND Telegraph, Oakland. 2-story 16-rm apts. and garage.
Owner—Nellie M. Howard, 1534 Franklin. Oakland.
Architect—None.
Contractor — Calif. Bldrs. Co., 1534 Franklin, Oakland. $13,500

SALESROOM
(2022) FORTIETH AVE. AND E 14TH St., Oakland. Auto salesroom, 1-story brick.
Owner—Mary Fuchs, ——.
Architect — E. W. Cannon, Central Bank Bldg., Oakland.
Contractor — Murch-Williams Const. Co., Fox Bldg., Oakland.
Filed Apr. 10, 1924. Dated Apr. 9, 1924.
8th of each month,..... 75% value; On com. increased to 75% of con. pr.
Usual 35 days .....Balance due
TOTAL COST, $14,514
Bond, $7,257. Sureties, Maryland Casualty Co. Forfeit, none. Limit, 41 working days. Plans and Specifications filed.

DWELLING
(2023) BEG. AT POINT 200 N of Braun St. W side 60th Ave. being 40x109, Oakland. All work for 1-story dwelling and garage.
Owner—Katherine Custer, Oakland.
Architect—None.
Contractor—Roy Conner, 2848 Hopkins St., Oakland.

Filed April 11, 1924. Dated Mar. 27, 1924
Frame up $625
Brown coated 625
Finish on 625
Completed, filed 625
Also promissory note for $850 at 8%
TOTAL COST, $3350
Bond, none; Forfeit, $1 day. Limit, 60 working days after March 26, 1924; Plans and specifications, none.

DWELLINGS
(2024) E BIRDSALL 380, 415, 450 and 485 N Madera, Oakland. Four one-story frame dwellings.
St., Oakland.
Owner—Jennie Matheyer, 1309 Hopkins St., Okaland.
Architect—None.
Contractor — T. B. Matheyer Co., 1309 Hopkins St., Oakland. $3000 each

ALTERATIONS
(2025) NO. 1625 BROADWAY, Oakland Alterations.
Owner—H. C. H. Steinbeck. 805 Swndieatt Bldg., Oakland.
Architect—Reed & Corlett, Oakland Bk. Bldg., Oakland.
Contractor—F. A. Muller, 895 Syndicate Bldg., Oakland. $16,000

APARTMENTS
(2026) NE BROOKLYN AND WESLEY Ave., Oakland. Three-story 38-room apartments and stores.
Owner—Louis Speronca, San Jose.
Architect—None.
Contractor—E. W. Woodard, 435 Merritt St., Oakland $30,000

DWELLING
(2027) W FIFTY-SEVENTH AVE 75 N Harvey, Oakland. One-story 4-room dwelling.
Owner—C. F. Lodge, 5494 Bond St., Oakland. $2000
Architect—None.

STORES
(2028) NE FIFTY-THIRD & GROVE akOland. One-story brick stores.
Owner—W. B. Bryant and M. C. Easton
Contractor—J. J Hauri, 822 56th St., Oakland. $14,650
Architect—None.

DWELLING
(2029) NO. 8824 FOOTHILL BLVD., Oakland. One-story 3-room dwlg.
Owner—T. W. Nevins, 1777 83rd Ave., Oakland. $2000
Architect—None.

BAKE OVEN
(2030) NO. 3446 E-FOURTEENTH Oakland. Brick bake oven.
Owner—E. Berger, 863 Cleveland St., Oakland.
Architect—None.
Contractor—Paul Metz, 855 44th St., Oakland. $1300

DWELLING
(2031) NO. 3015 FRUITVALE AVE., Oakland. One-story 5-room dwlg
Owner—J Drost, 3006 Fruitvale Ave., Oakland. $3500
Architect—None.

APARTMENTS
Oakland. Three-story 27-room apartments.
Owner—Emma L. Higgin, 787 Lakeshore Ave., Oakland. $30,000
Architect—None.

DWELING
(2033) E ONE HUNDRED FIRST AVE 175 N Walnut, Oakland. 1-story 4-room dwelling.
Owner—J. N. Mains, 1617 102nd Ave., Oakland. $2000
Architect—None.

DWELLING
((2034) E ONE HUNDRED SIXTH Ave. 187 N Royal Ann, Oakland. 1-story 4-room dwelling.
Owner—W. Cluston, 1011 104th Ave., Oakland. $2000
Architect—None.

DWELLING
(2035) S PERRY ST. 60 E Orange, Oakland. 1-story 8-room dwelling.
Owner—J. E. Clarke, 4105 Montgomery St., Oakland.
Architect—None.
Contractor—S. A. Warner, 850 Cleveland Ave., Oakland. $6000

DWELLING
(2036) E SEVENTY-EIGHTH AVE 27 56 80 115 145 N Rudsdale Ave, Oakland.
Owner—T. B. Matheyer Co., 1309 Hopkins St., Oakland.
Architect—None. $2000 each

VAULTS
(2037) S. P. WEST OAK. SHIP YARDS Oakland, 2 concrete vaults.
Owner—S. P. Co., Oakland.
Architect—None.
Contractor—W. P. Jones, 221 Los Angeles Ave., Berkeley. ..$2296, $6924

APT. BLDG.
(2038) S SIDE BROADWAY TERrace 150 ft. E of Bdwy Lots 4 & 5 Blk A map of Bdwy Terrace, Oakland. 2-story 4-apt. bldg. each apt. of 4-room.
Owner — Jos Harrison & May Louise Wilbur, 1426 Franklin, Oakland.
Architect—None.
Contractor — Harry C. Knight 1426 Franklin St., Oakland.
Filed April 11, 1924. Dated Mar. 6, 1924.
Contract signed $1250 cash and house No. 56 Manor Drive deeded to contractor. Bldg. Loan Assn. Trust Deed $12,000 and balance of purchase price will be taken as 2nd mort. to contractor, $8500 is being allowed for house and a present loan on prop. of $3750, 1st mort. and a present loan on prop. of $3750, 1st mort., and a 2nd loan not exceeding $1400, both at 7%, with total mo. payt. of $60, which includes prin. & int.
TOTAL COST, $22,500
Bond, Forfeit, none; Limit, 90 working days after laying mud sills; Plans and specifications filed.
NOTE—Permit reported April 10, 1924, No. 1960.

DWELLING
(2039) NO. 2543 BUENA VISTA, Berkeley. Two-story 6-room dwlg.
Owner — Ethel M. Hale, 967 Ordway St., Berkeley.
Architect—None.
Contractor—G. W. Hale, 967 Ordway St., Oakland. $4000

OFFICE
(2040) NO. 1298 HOPKINS ST., Berkeley. One-story 2-room office.
Owner—E. K. Wood Lumber Co., Okd.
Architect—None.
Contractor — E. F. Henderson, 5744 Keith Ave., Oakland. $1500

DWELLINGS
(2041) NO. 1611-15-19-23-27-31 NINTH St., Berkeley. Six one-story 4-room dwellings.
Owner—Alameda Invst. Co., 703 Syndicate Bldg., Oakland.
Architect—None. $3000 ea

DWELLING
(2042) NO. 1170 OXFORD ST., Berkeley. One-story 6-room dwlg.
Owner—Mrs. H. J. McCoy.
Architect—None.
Contractor—Reite Bros., 558 Haight Ave., Alameda. $4900

DWELLING
(2043) NO. 2567 REGAL ROAD, Berkeley. One-story 6-room dwelling
Owner—Wendell Farrar, Fairview St., Berkeley.
Architect—None.
Contractor—G. P. Owens, 1105 Santa Clara Ave., Alameda. $5000

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DWELLING
(2044) NO. 1806 SAN ANTONIO ST., Berkeley. Two-story 7-room dwelling.
Owner—Mrs. Helen Haines, 6451 Hillegass Ave., Berkeley.
Architect—None.
Contractor—J. Harry Smith, 508 Lexington St., Berkeley. $5000

DWELLING
(2045) NO. 760 SANTA BARBARA Road, Berkeley. One and one-half-story 6-room dwelling.
Owner—J. F. Long.
Architect—J. H. Thomas, 1st Nat'l. Bk. Bldg., Berkeley.
Contractor — Louis O. Hanssan, 1409 Bonita Ave., Berkeley. $8370

DWELLING
(2046) NO. 1320 SHASTA, Berkeley. Two-story 6-room dwelling.
Owner—Arthur G. Brodeur, 2741 Keith Ave., Berkeley.
Architect—None. $7000

APARTMENTS
(2047) NO. 2515 VIRGINIA, Berkeley. Two-story 18-room apartments.
Owner—Anna Rayburn, 2511 Virginia St., Berkeley.
Architect—W. A. Doctor.
Contractor — E. F. Henderson, 5744 Keith Ave., Oakland. $16,000

DWELLING
(2048) S ASHMOUNT 98 W MANdana, Oakland. 2-story 9-room dwelling.
Owner—J. H. Wood, care of S. F. Builders, Inc.
Architect—None.
Contractor — S. F. Builders, Inc., 203 Whitecotton Bldg., Berkeley. $16,000

APARTMENTS
(2049) W BEACON ST., 165 S Excelsior, Oakland. 2-story, 17 rooms, apartments.
Owner—Mrs. K. C. Peacock, 1304 Magnolia St., Oakland.
Architect—None.
Contraetor—Archie C. Crossman, Hotel Royal, Oakland. $16,000

APARTMENTS
(2050) E BRIDGE AVE., 120 S Foothill Blvd., Oakland. 2-story 12-rooms, apartments.
Owner—A. R. Brown, 569 E Estudillo Ave., San Leandro.
Architect—None.
Contractor—A. E. Bixley, 1726 Bridge Ave., Oakland. $9050

DWELLING
(2051) W CLAREMONT 150 S. Miranda, Oakland. 1-story 5-room dwelling.
Owner—P. Delucchi, 1402 17th St., Oakland.
Architect—None. $3500

ALTERATIONS
(2052) 1427 FIFTH AVE., Oakland. Alterations and additions.
Owner—Mrs. Anna D. Hansen, prem.
Architect—None.
Contractor—I. Christensen, 3002 Peralta Ave., Oakland. $6000

ENGINE HOUSE
(2053) GORE FOOTHILL BLVD., and Trenor, Oakland. 1-story brick engine house.
Owner—City of Oakland.
Architect—None.
Contractor—F. W. Maurice, 1362 E 25th St., Oakland. $9978

DWELLING
(2054) SW FOURTEENTH AVE. and E 16th St., Oakland. 1-story 6-room dwelling.
Owner—W. J. Santos, 1312 16th St., Oakland.
Architect—None. $3500

DWELLING
(2055) N KEITH AVE., 200 W Broadway, Oakland. 1-story 5-room dwelling.
Owner—Thos. Creed, 2716 Martins Ave. Berkeley.
Architect—None.
Contractor — L. H. Williams, 1040 Keith Ave., Oakland. $4000

DWELLING
(2056) SW LAKESHORE & PRINCE, Oakland. 2-story 9-room dwlg.

Owner—S. R. Jacobs, 1132 Broadway, Oakland.
Architect—None.
Contractor—Sommarstrom Bros. Co., 1536 Franklin St., Oakland. $14,000

DWELLING
(2057) 4251 MASTERSON ST., Oakland. 1-story -4room dwlg.
Owner—Cotton Bros., 3832 39th Ave., Oakland.
Architect—None. $3000

DWELLING
(2058) SE MC KINLEY AND MONTclair, Oakland, 1-story 7-room dwelling.
Owner—Wm. T. Pfeiffer, 144 Magnolia Ave., Piedmont.
Architect—None. $5000

DWELLING
(2059) NE SEVENTY-THIRD AVE. and Greenly Drive., Oakland. 1-story 3-room dwelling and store.
Owner—Wm. Wilson, 1723 20th Ave., Oakland.
Architect—None. $2500

ADDITION
(2060) 1132 SIXTIETH AVE., Oakland. 1-story addition.
Owner—Ella Smart, prem.
Architect—None.
Contractor—J. W. Smart, prem. $1500

DWELLING
2311 LE CONTE, Berkeley. 2-story 18-room dwelling.
Owner—Deta Zeta Sorrority, ——.
Architect — Julia Morgan, Merchants Exchange Bldg., S. F.
Contractor — Conner & Conner, 1733 Francisco St., Berkeley. $32,700
NOTE—Permit reported Apr. 11, '24, No 2002.

WHARVES, ETC.
(2061) ALASKA BASIN, Alameda. Wharves, etc.
Owner—Alaska Packers' Association, Alamada.
Architect—None.
Contractor—Frank G. White, Room 18, Ferry Bldg., San Francisco. $219,150

DWELLINGS (13)
(2062) 105 - 110 - 114 - 118 - 122 BAY FARM RD. 146-152-158 BAY FARM RD., 126-130-134-138-142 BAY FARM RD., Alameda. Five 1-story 4-room dwellings; eight 1-story 5-room dwellings.
Owner—E. B. & A. L. Stone Co., San Francisco.
Architect—None.
Five at $2450, three at $3300, five at $3100 each.

DWELLING
(2063) 3237 BAYO VISTA, Alameda. 1½-story 6-room dwelling.
Owner—Haward Williford, 3265 Central Ave., Alameda.
Architect—None. $4250

DWELLING
(2064) 2856 ENCINAL, Alameda. 1-sto. 6-room dwelling.
Owner—J. B. Hanson, 1326 Court St., Alameda.
Architect—None. $3800

DWELLING
(2065) 1715 ENCINAL, Alameda. 1-sto. 4-room dwelling.
Owner—John Vallmar, 1183 Regent St., Alameda.
Architect—None.
Contractor—W. G. Vallmar, 1183 Regent St., Alameda. $3500

DWELLINGS (3)
(2066) 9-13-17 GARDEN RD, Alameda. 1-story 4room dwelling.
Owner—E. B. & A. L. Stone Co., San Francisco.
Architect—None.
Three at $2450 each

DWELLINGS (3)
(2067) 53-133-139 ISLAND RD., Alameda. Three 1-story 5-rm. dwlgs.
Owner—E. B. & A. L. Stone Co., San Francisco.
Architect—None.
One at $2450, two at $3300 each

DWELLING
(2068) 1018 PEARL, Alameda. 1-story 5-room dwelling.
Owner—G. H. Noble, 1334 Park Street, Alameda.
Architect—None. $4000

DWELLING
(2069) 1317 PEARL, Alameda. 1-sto. 6-room dwelling.
Owner—Anna Anderson, 2109 Pacific Ave., Alameda.
Architect—None.
Contractor—J. H. Rockingham, 1433 Grand St., Alameda. $3900

DWELLING
(2070) 2809 SAN JOSE AVE., Alameda. 1-story 5-room dwelling.
Owner—J. Durker, 1207 College Ave.
Architect—None. $3000

DWELLING
(2071) 2527 SANTA CLARA, Alameda. 1-story 6-room dwelling.
Owner—E. D. McKinnon, 1418 Bdwy.
Architect—None.
Contractor—M. C. Kaler, 2029 San Jose Ave., Alameda. $4500

DWELLING
(2072) 1530 SANTA CLARA, Alameda. 1-story 4-room dwelling.
Owner—John A. Clossen, 3030 Magnolia St., Oakland.
Architect—None.
Contractor—G. Pederson, 827 Athens Ave., Oakland. $2625

DWELLING
(2073) 2711 SANTA CLARA, Alameda. 1-story 6-room dwelling.
Owner—S. E. Smith, 1908 Mulberry St., Alameda.
Architect—None. $3500

DWELLING
(2074) 40 GARDEN RD. BAY FARM, Alameda. 1-story 4-room dwlg.
Owner—E. B. & A. L. Stone Co., 804 Spreckles Bldg., San Francisco.
Architect—None. $2400

ALTERATIONS & ADDITION
(2075) NE SANTA CLARA AVE & MOUND ST., Alameda. Alterations and additions 1-story dwelling.
Owner—Pauline, Otto E. & Adolph C. Scheeter, 842 Taylor, Alameda.
Architect—None.
Contractor—E. Maasberg, 1420 Wellington, Oakland.
Filed April 14, '24. Dated April 14, '24.
Building under roof.....$733
Building plastered $733
Building commenced $733
Usual 35 days.....$736
TOTAL COST, $2935
Bond, none. Sureties, none. Forfeit, none. Limit, 50 working days. Specifications and plans filed.

DWELLING
(2076) NO. 1443-45 FRANCISCO, Berkeley. One-story 6-room dwlg.
Owner—J. C. McCausland, 1441 Delaware St., Berkeley.
Architect—None.
Contractor—M. Jordan, 5844 Broadway, Oakland. $3500

DWELLING
(2077) NO. 2938 RUSSELL, Berkeley. Two-story 8-room dwelling and garage.
Owner—Roberta Y. Hill, 3145 College Ave., Berkeley.
Architect—None.
Contractor—Louis Engler, 2940 Forest Ave., Berkeley. $9000

DWELLING
(2078) NO. 584 SAN LUIS ROAD, Berkeley. One-story 5-room dwelling
Owner—C. M. Rogers, 540 San Luis Rd., Berkeley.
Architect—None.
Contractor—W. H. King, 111 Lake Ave. Piedmont. $1500

DWELLING
(2079) S BOND ST. 240 E Fruitvale Ave., Oakland. 2-story 3-room dwlg
Owner—G. A. Kaiser, 2822 Fruitvale Ave., Oakland.
Architect—None. $1000

FLATS
(2080) S BROOKLYN 180 E Hanover, Oakland. 2-story 10-room flats.
Owner—G. A. & J. B. Hedberg, 5th Ave and E-11th St., Oakland.
Architect—None.
Contractor—Bay Const. Co., 412 Madison St., Oakland. $10,000

HOTEL & STORE
(2081) S EIGHTH ST. 125 W Webster, Oakland. 3-story 24-room hotel and store.
Owner—Lee Choy Haw, Lee Ding Lo, See Lee Choy Lee, et al.
Architect—John Carson.
Contractor—Coast Const. Co., Crocker Bldg., San Francisco. $23,000

APARTMENTS
(2082) S ERIE ST. 300 E Mandana, Oakland. 2story 16-room apts.
Owner—H. P. Fisher, Syndicate Bldg., Oakland.
Architect—None. $15,000

DWELLING
(2083) N FIFTY-EIGHTH ST. 128 W Adeline, Oakland. 1-story 5-room dwelling.
Owner—G. H. Noble, 1336 Park St., Alameda.
Architect—None. $3000

ALTERATIONS
(2084) NE FOURTEENTH AND CLAY Sts., Oakland. Alterations.
Owner—H. C. Capwell Co., premises.
Architect—None. $5000

DWELLING
(2085) N HOPKINS 325 E Peralta Ave Oakland. 1-story 8-room dwelling.
Owner—Roy Conner, 2848 Hopkins St., Oakland.
Architect—None. $4500

DWELLING
(2086) E KNOWLAND 500 N Virginia, Oakland. 1-story 6-room dwelling.
Owner—C. F. Fallmer, 837 Aileen St., Oakland.
Architect—None.
Contractor—P. C. Fallmer, 837 Aileen St., Oakland. $3500

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526 California Street, San Francisco, Cal.
DECEMBER 31st, 1923
Assets..... $89,174,463.57
Capital, Reserve and Contingent Funds..... 3,850,000.00
Employees' Pension Fund..... 430,275.37
MISSION BRANCH.....Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....Haight and Belvedere Streets
WEST PORTAL BRANCH.....West Portal Ave. and Ulloa St.
Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

DWELLINGS
(2087) 5832 & 5838 Morse Dr., Oakland. 1-story 5-room dwellings (2).
Owner—N. Gaubert & Co., 4735 Brookdale Ave., Oakland.
Architect—None. $4000 each

DWELLING
(2088) SW SEVENTY-EIGHTH AVE. and Holly St., Oakland. 1½-story 8-room dwelling.
Owner—F. E. Rissman, 2202 42nd Ave., Oakland.
Architect—None.
Contractor — H. G. Havens, 2202 42nd Ave, Oakland. $4900

DWELLING
(2089) E THIRTY-FIFTH AVE. 300 N Foothill Blvd., Oakland. 1-story 5-room dwelling.
Owner — Theo Franz, 1325 Fruitvale Ave., Oakland.
Architect—None.
Contractor—P. J. Bold, 1657 35th Ave., Oakland. $4750

DWELLING
(2090) NW E-THIRTY-FIRST ST. & 22nd Ave., Oakland. 2-story 6-room dwelling.
Owner—Withheld.
Architect—None.
Contractor—J. F. Longhrey, 750 31st St., Oakland. $5800

DWELLING
(2091) 1612 SIXTY-SEVENTH AVE., Oakland. 1-story 4-room dwelling. Ave., Oakland.
Owner—Frank L. Siller, 2325 Humboldt Ave., Oakland.
Architect—None.
Contractor—Paul L. Kick, 2325 Humboldt Ave., Oakland. $2500

FLATS
(2092) N E-TWENTY-FOURTH ST. 100 E 11th Ave., Oakland. 2-story 11-room flats.
Owner—J. R. Allaf, San Jose & Park, Alameda.
Architect—None.
Contractor—G. W. Steffen, 1941 Crosby Oakland. $6400

APARTMENTS
(2093) W TWENTY-SEVENTH AVE. 100 S Foothill Blvd., Oakland. 2-story 12-room apartments.
Owner — J. E. Ward, 1636 Franklin, Oakland.
Architect—None.
Contractor — Calif. Bldrs. Co., 1636 Franklin, Oakland. $10,000

DWELLING
(2094) E WEBSTER ST. 125 S Forty-second St., Oakland. 1-story 7-room dwelling.
Owner—Wm. Rempe, 959 24th St., Oakland.
Architect—None.
Contractor—J. F. Nelson, 1637 Kirgham St., Oakland. $5500

DWELLING
(2097) LOT 17, BLK. 21, Lakeshore Highlands Add. No. 1, Oakland. 2-story and basement frame dwlg.
Owner—Maude S. and Lawrence J. Madden, 139 Grand, Oakland.
Architect—John Carson, 50 Yosemite Piedmont.
Contractor—F. W. Maurice, 1362 25th St., Oakland.
Filed Apr. 14, 1924. Dated Apr. 12, 1924
Sheathing & rough floor com...$1400
Brown coated 1400
Completed and accepted 1215
Usual 35 days 1340
TOTAL COST, $5,355
Bond, Sureties, Forfeit, none. Limit, 100 working days. Plans and Specifications filed.

DWELLING
(2096) E SIDE 35TH AVE. 300 N Foothill Blvd., Oakland. 1-story and basement frame dwlg.
Owner—Theo. Franz, 1325 Fruitvale Ave., Oakland.
Architect—None.
Contractor—P. J. Bold, 1657 35th Ave., Oakland.
Filed Apr. 14, 1924. Dtacd Apr. 10, 1924
Frame up $1187.50
Brown coated 1187.50
Completed and accepted 1187.50
Usual 35 days 1187.50
TOTAL COST, $4750
Bond, Sureties, Forfeit, none. Limit, 90 working days after April 10, 1924. Plans and Specifications filed.

ALTERATIONS, ETC.
(2095) 1505 THIRTY-FOURTH AVE., Oakland. Addition and alterations
Owner—Sisters of Poor Clare, Oakland.
Architect—None.
Contractor—P. J. Bold, 1657 35th Ave. Oakland.
Filed Apr. 14, 1924. Dated Apr. 3, 1924.
4th each month 75%
Usual 35 days 25%
TOTAL COST, $3685.
Bond, Sureties, Forfeit, none. Limit, 100 working days after Apr. 4, 1924. Plans and Specifications filed.
NOTE—Permit reported Apr. 11, 1924 No. 1997.

ALT & ADD.
(2098) 1938 CEDAR ST., Berkeley. Alteration and addition.
Owner—Geo. J. Haefer, premises.
Architect—None. $1500

DWELLING
(2099) 1704 SONOMA AVE., Berkeley. 1-story 6-room dwelling and garage.
Owner—John O. Weston, 1731 Dwight Way, Berkeley.
Architect—None. $4500

DWELLINGS
(2100) S ARIZONA 125 & 162 Laurel; SE ARIZONA & LAUREL; E LAUREL 134 & 92 N California, Oakland. Five 1-story 5-rm dwlgs.
Owner — Justus Norris, 524 17th St., Oakland
Architect—None.
Contractor—K. E. Norris, 3644 Woodruff, Oakland. $3000 each.

DWELLING
(2101) N BROOKLYN 100 W Haddon Rd., Oakland. 1-story 6-room dwlg.
Owner—Wm. Magliana, 2617 Valdez St Oakland.
Architect—None.
Contractor—C. M. Flewelling, 1625 E-14th St., San Leandro. $5000

ELEVATOR
(2102) 300-02 BROADWAY, Oakland. Elevator.
Owner—Jos. M. Dubowsky Est., prem.
Architect—None.
Contractor—B. C. Van Emon, San Francisco. $1800

DWELLINGS
(2103) N CAVANAUGH RD. 120 200 240 280 E Mathews Rd., Oakland. 4 1-story 6-room dwellings.
Owner—Alfred Olson, 631 Viona Ave., Oakland.
Architect—A. W. Smith, Amer. Bank Bldg., Oakland. $5000 each

DWELLING
(2104) W EL CENTRO 160 S Dolores, Oakland. 1-story 6-room dwelling.
Owner—S. H. Goldstein.
Architect—None.
Contractor—J. Lehman, 959 Apgar St., Oakland. $6100

DWELLING
(2105) SE FAIRBANKS & SCOTT, Oakland. 1-story 7-room dwelling.
Owner — Bert R. Schrader, 410 First Natl. Bank Bldg., Oakland.
Architect—None. $9000

DWELLING
(2106) W FOURTEENTH AVE, 40 N E-23rd St., Oakland. 1-story 5-rm. dwelling.
Owner—Dagma W. Jacobsen, 2509 14th Ave., Oakland.
Architect—None.
Contractor—Carl A. Jacobson. $3500

DWELLINGS
(2107) 2706-10 HARRISON AVE, Oakland. 1-story 5-room dwellings (2).
Owner—A. H. Nunemacher, 792 19th Ave., San Francisco.
Architect—None. $5000 each

DWELLING
(2108) 2407 SCENIC AVE., Oakland. 1-story 4-room dwelling.
Owner—E. T. Matteson, 3629 Laguna Ave., Oakland.
Architect—None. $2800

DWELLING
(2109) 2500 SIXTY-SECOND AVE., Oakland. 1-story 6-room dwelling.
Owner—K. A. Johanson, 2429 13th Ave., Oakland.
Architect—None. $4500

DWELLING
(2110) 1343 E THIRTY-THIRD ST., Oakland. 1-story 4-room dwelling.
Owner—C. M. Merlinjones, 1225 E-18th St., Oakland.
Architect—None. $2800

DWELLING
(2111) S THIRTY-THIRD ST. 200 W Market, Oakland. 1-story 5-room dwelling.
Owner—L. Bocchio, 985 39th St., Oakland.
Architect—None. $2500

DWELLING
(2112) E WARFIELD 125 N Weldon, Oakland. 1-story 7-room dwelling.
Owner—John Burnt, 1935 Waverly St., Palo Alto.
Architect—None. $5000

DWELLING
(2113) LOT 5 BLK 6 LAKESHORE Highland Tract, Oakland. All work for dwelling.
Owner—Mrs. Isabelle Groogan, Frederick Apts., Oakland.
Architect—None.
Contractor—John I. Easterly, 2137 Tiffin Road, Oakland.
Filed April 16, 1924. Dated Nov. 26, 1923
Foundation completed .....$ 500.00
Frame completed 1704.25
Ready for plastering 1704.25
Plastering completed 1704.25
Usual 35 days 1705.25
TOTAL COST, $7317
Bond, Forfeit, none; Limit, 120 working days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Amount

April 10, 1924 — S SIDE HARMON 200 ft. W of Adeline St., South Berkeley. Garrett Owen to whom it may concern.....April 5, 1924

April 10, 1924—BEG. W LINE CLAY St. 60 S from intersection with S line 16th St., S 43-9 W 100 N 43-9, E 100 to beg., Oakland. Morris Stulsaft Inv. Co., to H. P. Hoyt.. ..... April 10, 1924

April 10, 1924—POR. OF 476.8 ACRE tract described in deed to Realty Syndicate, recorded Feb. 1, 1905 in libea: S 24 of Deeds, Page 321, Oakland. C. E. Williams to Calif. Bldrs. Co. .....April 7, 1924

April 10, 1924 — 3021 FRUITVALE Ave., Oakland. J. Drost to whom it may concern .....April 8, 1924

April 10, 1924—520 SAN FERNANDO Ave., Berkeley. Oscar F. Lyon to whom it may concern..April 5, 1924

April 10, 1924—LOT 18, BLK. L Amended Map of the Moss Tract, Oakland. J. F. Meline to whom it may concern .....April 9, 1924

April 10, 1924—LOT 28, BLK. 25, Amended Map of Fairmount Park, Albany. Helen Renton to Roy O. Long Co. .....March 15, 1924

April 10, 1924—LOT 35, BLK. 33, Amended Map of Fairmount Park, Albany. Helen Renton to Roy O. Long Co. ..... March 15, 1924

April 9, 1924—110 ARBOR DR., Piedmont. E. C. Jackson to Leo. J. Dolan ..... April 8, 1924

April 9, 1924—NW 30TH & CHESTnut Sts., Oakland. The Lurie Co. to F. L. Hansen .....April 9, 1924

April 9, 1924—POR. LOT A, College Tract, Oakland. Frederike K. and Alice Dreyer to R. C. Hillen... ..... April 5, 1924

April 9, 1924—LOT 4, BLK. 3, Brookdale Terrace, Oakland. A. M. Pike to whom it may concern ..Apr. 7, '24

April 9, 1924—LOT 117 AND SW 12.50 lot 118, blk. 21, Amended Map of Havenscourt, Oakland. Beverly B. Hook to C. Tollefsen ...April 2, 1924

April 9, 1924—Chas. Poney to Gaubert & Morilhat ..... April 5, 1924

April 9, 1924 — 4735 BROOKDALE Ave., Oakland. N. Gaubert to whom it may concern...Apr. 9, 1924

April 9, 1924—LOTS 5 AND 6 AND por. lots 4 and 7, blk. 592, W. T. Boardman's Map of Galindo Tract, Oakland. Solomon and Ida Brown to Jos. Kann .....April 1, 1924

April 9, 1924—E SIDE SEMINARY Ave. bet. Brann St. and Scenic Way, Oakland. Wm. Watson to whom it may concern....Apr. 8, 1924

April 9, 1924 — 4043-49-55-61-67-75 Brookdale Ave., Oakland. Chas. W. Lindquist to whom it may concern ..... April 8, 1924

April 9, 1924—1361 BARROWS RD., Oakland. Bertba Taylor to John Carson ..... April 1, 1924
April 12, 1924—PTN LOT 33 Dutton Manor, San Leandro. G R Blasingame to whom it may concern... .....April 11, 1924
April 12, 1924—SW 15 LT 21 Blk "A" Map of Blvd. Villa Tract, Brooklyn Tp., Oakland. A & Sutherland Barker to Roy Binnings....Mar. 31, 1924
April 12, 1924—LOT 63 BLK 7, Map Key Route Terrace No. 3, Berkeley. J A Lind to whom it may concern.....Mar. 27, 1924
April 12, 1924—NO. 2315 HAVENSCOURT Blvd., Alameda. J F Patterson to whom it may concern..... .....April 11, 1924
April 12, 1924—NO. 4922-4930 DESMOND, Oakland. D Damonto to P Garello.....April 11, 1924
April 11, 1924—S TWENTY-NINTH 223.67 E Grove, Oakland. Eliz K Clow to Harry C Knight..... .....Mar. 28, 1924
Apr 11, 1924—NE GROVE & FORTY-third, Oakland. Martin Biensteiner to J B Pertersen.....Apr. 10, 1924
April 11, 1924—NO. 923 MENDOCINO Road, Berkeley. Henry P Smith to H K Schulz.....Mar. 15, 1924
April 11, 1924—PTN LOTS 16 AND 17 Blk 6, Map of the Mathews Tract, Berkeley. Ralph P Wood to J E Solomon.....April 11, 1924
April 10, 1924—LOT 27 BLK 20, Havenscourt, Oakland. Wm Wolfe to whom it may concern..Mar. 28, '24
April 10, 1924—LOT 28 and NE 12½ Lot 27 Blk 11, Havenscourt, Oakland. M R Silva to whom it may concern.....April 9, 1924
April 14, 1924—2432 38TH AVE., Oakland. J. W. Sigwald to whom it may concern .....April 14, 1924
April 14, 1924 — 3811 LYON AVE., Oakland. J. W. Sigwald to whom it may concern....April 14, 1924
April 14, 1924—LOT 10, BLK. D., Kenwood Park, Oakland. F. P. Sanders to whom it may concern ..... April 12, 1924.
April 14, 1924 — COUNTY RD. NO. 597, Alameda Co., Irvington. O. N. Hirsch to C. V. Brown..... ..... April 5, 1924
April 14, 1924 — 2506 24TH AVE., Oakland. Harry Walker to Tad M. Tupper .....
April 14, 1924—LOT 18, BLK. E., Peralta Heights, Oakland. Mrs. F. M. Halliday to Baker Bros... ..... April 14, 1924
1 iApr14, 1924—750 CONTRA COSTA Ave., Berkeley. Curtis E. Smith to Dinwiddie Consst. Co..Apr. 2, '24.
April 15, 1924—NE BECK ST. AND Havenscourt Boulevard, Oakland. Athan Eliades to Martin Allan.. ..... April 14, 1924
April 15, 1924—POR. LOT 1 MAP OF 22 acre tract, surveyed for the Liese Bros., Alameda County. A. F. Gimbal and Theo. A. Schlueter to whom it may concern..Apr. 15, 1924
April 15, 1924 — 1729 PLEASANT Valley Ave., Alameda County. A. and Emily Tazer to H. A. Moe.. ..... April 12, 1924
April 15, 1924—LOT 6, BLK. 1, Huff Tract, San Leandro. F. M. Neher to whom it may concern..Apr. 14, '24
April 15, 1924—LOT 5, BLK. 7, Map of the Shaw Tract, Blks. 4, 6, 7, 8 and 9, Berkeley. Robt. E. and Enes C. Nilson to whom it may concern ..... April 14, 1924
April 15, 1924—POR. LOT 9, BLK. C, Montclair Estates, Oakland. Stephen F. Denby to Geo. Ernst.. ..... April 11, 1924
April 14, 1924 — LOCATION NOT given. Eleanor Schoening to Herman A. Schoening.....Apr. 11, 1924
April 14, 1924 — 2222-24-26 TELEgraph Ave., Berkeley. Wm. G. Gilmore to Geo. Wagner Co..... ..... April 14, 1924
April 14, 1924—LOT 6, BLK. 16, Thousand Oaks Tract, Berkeley. Warner J. O'Leary to J. Harry Smith ..... April 10, 1924
April 14, 1924—N SIDE E 16TH ST. 80 W 34th Ave., Oakland. Eugene Piccardo to P. J. Bold..Apr. 12, 1924
April 16, 1924—1666 AND 1672 80TH Ave., Oakland. N. J. Ekstain to whom it may concern.Apr. 16, 1924
April 16, 1924 — LOCATION NOT given. Robert Bishop to California Builders Co. ..April 11, 1924
April 16, 1924—LOT 6, BLK. C, Kenwood Park Tract, Oakland. Mildred Dennis to N. A. Blodgett... ..... April 14, 1924
April 15, 1924—POR. LOT 3, BLK. 2, Map of the Teachers State University Homestead Sub. Mar. 1872 Berkeley. Ruth Jackson to A. W. Potter ..... April 10, 1924
April 15 1924—LOT 39, DOWLING Homestead Tract, Oakland. Gus Lundgren to whom it may concern ..... April 14, 1924
April 15, 1924 — SO. 1 BERKELEY to Woolsey, Virginia to Vine, crossings at Ashby, Dwight Way, Ward, Allston Way, Hopkins, Monterey, Powell St., 61st St. and Doyle, 65th and Doyle, Murray Crossing and Pardee St., Allston Way to Union, Berkeley. S. P. Co. to Hutchinson Co. ....Mar. 22, 1924
Apr. 15, 1924—ENCINAL AVE. AT 8th St., Caroline, Union, Walnut, Pearl and Versailles, Lincoln Ave. at Mastick, Webster, Stanton St. Alameda. S. P. Co. to Hutchinson Co. ..... April 1, 1924
April 15, 1924 — LOTS 26 AND 27, BLK. 193 Kellersberger's Map of Oakland. Advertisers Bldg., Inc., to Chas. C. Williams..Apr. 15, 1924
April 16, 1924—3515 WEBSTER ST., Oakland. Mrs. Agnes H. Hall to H. L. Hayden .....April 15, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
April 10, 1924—POR. OF UN-NUM. por. Map of Irving Tract No. 2, Oakland. Harry P. Gardner vs. Leo L. and Clarence K. Nichols.. ..... $252.
April 10, 1924—BEG. AT POINT OF intersection S line Encinal Ave. with W line Grand St., S along W line Grand 50; W 100; N 50 to S line Encinal; E 100 to beg., Alameda. Richmond Roofing Co. vs. Ralph H. Smith and W. N. Holton ..... $102.
April 10, 1924—BEG. W LINE Grand St., 50 S from point of intersection with S line Encinal Ave., S along W line Grand 45; W 100; N 45; E 100 to beg., Alameda. Richmond Roofing Co. vs. Ralph H. Smith and W. N. Holton .....$94.
April 10, 1924—BEG. W LINE Grand St., 95 S from point of intersection with S line Encinal; S along W line Grand 45; W 100; N 45; E 100 to beg., Alameda. Richmond Roofing Co. vs. Ralph H. Smith and W. N. Holton ..... $94.
April 9, 1924—N SIDE 36TH ST. BET Market and San Pablo, Oakland. W. M. Cunningham vs. W. A. Walker ..... $305.
April 12. 1924—LTS 67, 68, 69 AND 70 Map of the Westall Tract, Oakland. W J Nevins vs Wm. H Robson $122.19
April 12, 1924—LTS 14 AND 15 BLK 11, Map San Antonio, Oakland. Tilden Lumber Co vs Joaquin Quintal and Manuel August..$735.05
April 11, 1924—LOTS 5 AND 6 and Ptn Lots 4 and 7 Blk 592 W L F L Boardman's Map of the Galindo Tract, Piland. W E Foltz vs Solomon Brown, J Kann and W F Banks..... .....$72
April 11, 1924—LOTS 4 AND 5 BLK 21, North Cragmont, Berkeley. Robt D Feary and Chas Moll (as Fearv & Moll) vs H H Gastman & Clark Wing $335.95
April 15, 1924—N S COUNTY ROAD, Irvington to San Jose running W 25.35 chains, N 47.25 chains, E 23.49 chains, W 23.07 chains, containing 99.60 acres, Washington Township, Alameda Co. Sunset Lumber Co. vs. Mary Hughes, et al $267.10
April 15, 1924—POR. LOT 3, BLK. 5, corrected map of Daley's Scenic Park Blks. 3, 4, 5, Berkeley. Walter S. Dickey (Livermore Fire Brick Wks.) vs. Ira L. Todd and W. M. Steffin $229.80
April 15 1924—LOTS 5 AND 6 AND N 11.90 lots 4 and 7, map of the Reed Tract, Oakland. L. M. Antley and J. J. McCourt (Co-Operative Elec. Co.) vs. Jos. S. Kann and Solomon Brown $412.00
April 15 1924—W 55 LOTS 4 AND 15 Map of the Templeton Tract, Oakland. Co-Operative Elec. Co. vs. Geo. W. Merritt Bldg. Co., Inc., & Heraclio R. and Margaret M. Ananos. $182.62
April 15, 1924—LOTS 7 AND 8, BLK. 16, Map of Blvd. Park Oakland. Jack Thompson Lumber Co. vs. Norman Flaherty and Thos. O'Connor. $56.00
April 15 1924—LOTS 7 AND 8, MAP of Blvd. Park, Oakland. Jack Thompson Lumber Co. vs. East Bay Bldg. Co. and Thos. O'Connor $532.43
April 15, 1924—LOTS 4 AND 5, BLK. H, Map of Oak Park, Encinal of Alameda, Alameda. Fred D. Jensen vs. R. H. and Zetta W. Smith and W. M. Holton and Mary E. Holton $500.00
April 15 1924—LOT 6 BLK. H, MAP of Oak Park, Encinal of Alameda, Alameda. Fred D. Jensen vs. R. H. and Zetta W. Smith and W. H. and Mary E. Holton $200.00
April 16, 1924—LOTS 4 AND 5, MAP of East San Leandro, Alameda Co. Fuller & Goett vs. Minnie Rogers, Stine Blahos, James Ellias, George Pavlos, Louis Berdalis, John Doe Dynes, and S. Doe Blahos.....$17.50

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount
April 15, 1924—LOT 9, BLK. F, Hopkins Terrace No. 3, Berkeley. Henry Cowell Lime & Cement Co. to H. H. and Mary I. Gastman ..$304.65
April 15, 1924—LOT 74, MAP OF Allendale Park, Oakland. Nelson Lumber Co. to Adam and Harda Kramer and Arthur D. and Beulah Halliday $795.22
April 14, 1924—LOCATION NOT GIVen. Geo. A. Moffett to Amalie Beyer ..... $——
April 16, 1924—LOT 15, BLK. 2, Stanyan Park, Berkeley. Maxwell Hardware Co. to H. Carlson, A. Sandusky, M. and F. Kanoff..$62.07
April 16, 1924—LOT 15, BLK. 2, Stanyan Park, Berkeley. Eugene Ehret & Co. to Morris and F. Kanoff ..... $100.
April 16, 1924—LOT 15, BLK. 2, Stanyan Park, Berkeley. Carlson & Sandusky to Morris & F. Kanoff $513.66
April 16, 1924—LOT 15, BLK. 2, Stanyan Park, Berkeley. Nelson Lumber Co. to H. Carlson and A. J. Sandusky, co-partners, Morris and Fannie Kanoff $896.84
April 16, 1924—LOT 15, BLK. 2, Stanyan Park, Berkeley. Rhodes-Jamieson & Co. to Carlson & Sandusky $82.00

Notice of Non-Responsibility

ALAMEDA COUNTY

April 15, 1924—LOT 99, RE-SUB. OF Blks. A and B, Meek Est. Orchards, Hayward. H. W. Meek Estate, Inc., as to improvements on property ..... April 10, 1924

BUILDING CONTRACTS

SANTA CLARA COUNTY

RESIDENCE
W THIRTEENTH ST. near San Antonio St., San Jose. All work for two-story frame residence and garage.
Owner—Arthur Crane.
Architect—Charles S. McKenzie, 509-510 Bank of San Jose Bldg. San Jose.
Contractor—E. Nommensen, 101 S-16th St., San Jose.
Filer Apr. 8, '24. Dated Apr. 8, '24.
Frame erected $2750
1st coat plaster on..... 2750
Completed 2750
Usual 35 days..... 2750
TOTAL COST, $11,000
Bond, $6000. Sureties, W. S. Howe & Jas. H. Quimby. Limit, 90 working days from April 8, 1924. Forfeit, none. Plans and specifications filed.

BUNGALOW
N ½ OF LOT 26/16 Lendrum Tract. To be knows as No. 144 S-26th St., San Jose. All work for four-room bungalow and garage.
Owner—Viola D. Brown, 1272 E-San Fernando St., San Jose.
Architect—None.
Contractor—Logan Kay, 758 Chestnut St., San Jose.
Filed Apr. 11, '24. Dated Apr. 11, '24.
Ready for plaster.....$624.50
House plastered 624.50
Accepted 624.50
TOTAL COST $2498.00
Bond, $2498. Surety, W. Duckgeishel. Limit, on or before June 26, 1924. Forfeit, none. Plans and specifications filed.

RESIDENCE
TRACT OF LAND KNOWN AS THE Alfred Chew Farm, bounded N by Shable Road; E by lands Tully; S by Fowler Road; E by C. C. Smith Sub., Evergreen. All work for 1-story frame residence and garage.
Owner—P. L. Mirossow, Aborn Road, San Jose.
Architect — Wolfe & Higgins, 93-96 Auzerais Bldg., San Jose.
Contractor—Anderson & Dias.
Filed Apr. 12, '24. Dated Apr. 10, '24. Frame up and rafters on...$2482.25
1st coat plaster on..... 2482.25
Completed and accepted..... 2482.25
Usual 35 days..... 2482.25
TOTAL COST, $9929.00
Bond, $5082. Sureties, M. L. Doane & Wm. F. Serpa. Limit, 90 days from April 12, 1924. Forfeit, none. Plans and specifications filed.

COTTAGE, 5-room, $4700; Sixteenth St. near San Salvador, San Jose; owner, Margaret Hanke; contractor, W. B. Reese, 93 N-33rd St., San Jose.
COTTAGE, 3-room, $1000; Twenty-first St. near Beach, San Jose; 13th St., San Jose
COTTAGE, 5-room, $3000; Fifteenth St. near Washington St., San Jose; owner, Jas. Piersico; contractor, G. Girotto.
ALTERATIONS, $2210; First St. and S. P. right-of-way, San Jose; owner, Security Warehouse Co., 350 N-First St., San Jose; contractor, R. O. Summers, 17 N-First St., San Jose.
COTTAGES (3) 4-room, $1950 each; Autumn Court, San Jose; owner, T. H. Herschback, Bank of San Jose Bldg., San Jose.
COTTAGES (3) 5-room, $1950 each; Autumn Court, San Jose; owner, T H. Herschback, Bank of San Jose
COTTAGES, (2) 4-room and (2) 5-room $3500 and 3150 respectively; owner, R. E. Ford, 125 Vaughn St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Amount
April 5, 1924—PTN 1 AND 2, Buena Vista Sbdvn, San Jose. W J and Clyde W Lindsay to whom it may concern.....April 2, 1924
April 5, 1924—LOT 30 BLK 15 Rose Lawn, San Jose. Martin Volkmann to whom it may concern. Mar. 4, '24
April 5, 1924—LOT 8 BLK 34, Seale Addition No. 2, Palo Alto. Elsie J S Felch to whom it may concern.....March 28, 1924
April 7, 1924—LOS ALTOS. H B Eyde to Thomas N Gesso....Mar. 29, 1924
April 9, 1924—LOT 21 BLK 5, Seale Addition No. 1, Palo Alto. Kenneth Herriford to whom it may concern.....April 7, 1924
April 9, 1924—STATE HIGHWAY, the Embarcadero Rd and the S. P. Railroad Tracks. Board of Trustees of the Palo Alto Union High School to Cashel Bros...Apr. 7, 1924
April 9, 1924—BOUNDED BY THE State Highway, the Embarcadero Rd, and S. P. Railroad Tracks. Board of Trustees Palo Alto Union High School to Waterhouse-Wilcox Co, April 3, 1924; Cashel Bros. Apr. 3, 1924; W K Nottingham, Apr. 3, 1924; to whom it may concern.....April 3, 1924
April 9, 1924—LOT 13 BLK 3, Alameda Park, San Jose. Leo M Langford to whom it may concern.....April 9, 1924
April 10, 1924—PTN LOT 17 BLK 7, Divine Survey, San Jose. A York to whom it may concern.....April 8, 1924
April 10 1924—LOT 25 J. J. Morris Real Est. Co., Palo Alto. Mark C Ingraham to whom it may concern.....April 5, 1924
April 10 1924—W 21½ ELM LEAF Park, San Jose. W J Charles to whom it may concern....Apr. 1, 1924
April 10, 1924—LOT 13 BLK 4, Garden City Tract, San Jose. William Henry and Maudt Addie O'Neil to whom it may concern. April 9, 1924
April 11, 1924 LOT 10 BLK 1, Burnett Park, San Jose. W Altexogt to whom it may concern...Apr. 10, '24
April 11, 1924—PTN LOTS 14, 15 & 16 Blk 5, Lendrum Tract, San Jose. Homer W Sampson to whom it may concern.....April 11, 1924
April 11, 1924—LOT 33 BLK 2, Alameda Park, San Jose. Clyde Alexander to whom it may concern.....April 8, 1924
April 11, 1924—LOT 32, Palm Tract, San Jose. Salvatore and Nunzia Zummo to whom it may concern.....April 11, 1924
April 11, 1924—NE JOHNSON AVE 50 SE W Jenkins SE 50x NE 125, Los Gatos. Charles P and Harriet E Baird to whom it may concern.....April 11, 1924
April 11, 1924—BEING PTN LOTS 7 and 8, Subdivision Blk 41, University Grounds, San Jose. Bernhard Striegel to whom it may concern.....April 11, 1924
April 11, 1924—E SECOND ST. 91⅔ NW Jackson NW 114 7/12x137½, San Jose. John N Gollner to whom it may concern.....April 10, 1924
April 11, 1924—N 85.85 FT. LOT 1-B 14, Hanchett Residence Tract, San Jose. J A Wagner to whom it may concern.....April 2, 1924
April 11, 1924—N 50 LO2 4 BLK 1, Burrell Park, San Jose. J A Wagner to whom it may concern.....April 2, 1924
April 11, 1924—LOT 7 BLK 11, Rose Lawn, San Jose. Jesse D and Alma B Kay to whom it may concern.....April 7, 1924
April 11, 1924—LOT 60 Clara Vista Addition, Palo Alto. W E Wood to whom it may concern. Apr. 7, 1924
April 12, 1924—BDED BY STATE Highway, The Embarcadero Road and S. P. R R Tract, Palo Alto. Board of Trustees of Palo Alto Union High School to whom it may concern.....April 9, 1924
April 12, 1924—LOT 3 BLK "C" Southgate, Palo Alto. Gordon Armstrong and James H Walker to whom it may concern. Apr. 11, '24
April 12, 1924—NW NINTH AND San Fernando, San Jose. M W Kapp to whom it may concern.....April 10, 1924
April 12, 1924—LOTS 13, 14 AND 15 Blk 5, Bartley Tt. 2, San Jose. D C Lawson to whom it may concern.....April 11, 1924
April 12, 1924—LOT 10 BLK 2, San Jose Park Tract, San Jose. Lulu L De Groat to whom it may concern .....April 8, 1924

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
April 5, 1924—PTN LOT 1 BLK 3, R 8, North, San Jose. Southern Lumber Co vs Katie Rogers $831.95

BUILDING CONTRACTS

SAN MATEO COUNTY

BUILDING
LOTS 258 AND 259 SUB NO. 3 San Mateo Park. Furnish and install plumbing in building.
Owner — Sterling Investment Co., Hearst Bldg., San Francisco.
Architect—Charles J. Rogers, Phelan Bldg., San Francisco.
Contractor—H. R. Park, 113 Crescent St., Burlingame.
Filed April 4, '24. Dated Feb. 20, '24.
Roughed in ..... ½
Completed ..... ½
Usual 35 days..... ½
TOTAL COST $2155

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Bond, none. Limit, 90 working days. Forfeit, $10. Plans and specifications none.

PAINTING, TINTING AND PAPER hanging on above.
Contractor — David J. Miller, San Mateo.
Progressive payments of..... 75%
Usual 35 days..... 75%
TOTAL COST, $1325
Bond, limit, forfeit, plans and specifications, none.

PLASTERING ON ABOVE.
Contractor—F. X. Schweickert.
Filed Mar. 4, '24. Dated Mar. 1, '24. Payments same as above.....
TOTAL COST, $2566
Bond limit, forfeit, plans and specifications, none.

SUB STATION
SOUTH SAN FRANCISCO SUB STATION. Furnish and construct sheet metal work.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor—E. C. Cottin.
Filed Apr. 5, '24. Dated Mar. 31, '24.
Completed 75%
Usual 35 days..... 25%
TOTAL COST, $1390
Bond, $650. Limit, 30 working days. Forfeit, none. Plans and specifications filed.

RESIDENCE
LOT 24 BLK 47, Easton No. 4, Burlingame. All work for one and one-half-story residence and garage.
Owner—F. E. McIntosh.
Architect—Larsen Bldg. Co.
Contractor — H. H. Putnam, 2508 Easton Ave., Burlingame.
Filed Apr. 9, '24. Dated Mar. 28, '24.
Roof on ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST $10,377.50
Bond, none. Limit July 15, 1924. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS

SAN MATEO COUNTY

DWELLING and garage, $12,426; Lot 21, Laurel Ave., San Mateo; owner, R. W. Kern, San Mateo; contractor, S. A. Born, San Mateo.
RESIDENCE and garage, $8000; W ½ 229, San Mateo Park, San Mateo; owner, Hanmer & Hultberg, 1524 Florabunda Ave., San Mateo.
DWELLING, $3000; Lot 3 Blk 57, San Mateo; owner, John H. Clifford, 21 N-H St., San Mateo.
DWELLING and alterations, $4000; 3rd Ave., San Mateo; owner, C. D. York, 1st and B Sts., San Mateo; contractor, Mr. Anderson.
DWELLING, $7000; Lot 16 Blk "M", B St., San Mateo; owner, A. W. Tvo, Homestead; contractor, Frank Ferren, 712 5th Ave., San Mateo.
DWELLING, $4000; No. 447 Highland Ave., San Matto; owner, Frank McIntosh; contractor, H. T Cronn.
BUNGALOW and garage, $10,300; Lot 4 Blk 6, Balston Ave., Burlingame; owner, Mrs. Mary Wier.
BUNGALOW and garage, $5000; Lot 14 Blk 54, Drake Ave., Burlingame; owner, Ray A. Gilbert.
BUNGALOW and garage, $4000; Lot A Blk 2, Edgelith Drive, Burlingame; owner, F. H. Thrall.
BUNGALOW and garage, $3000; Lot 14 Blk 2, San Mateo Drive, Burlingame; owner, C. T. Cortside.
RESIDENCE and garage, $10,000; Lot 24 Blk 47, Drake Ave., Burlingame owner, F. M. McIntosh, 1435 Drake Ave., Burlingame.

BUILDING CONTRACTS

FRESNO COUNTY

SHOP, ETC.
S ½ OF SE ¼ OF NE ¼ OF SEC. 25, 13-17, Fresno. All work for shop and garage building.
Owner—Kerman Union High School, Kerman.
Architect—None.
Contractor—V. K. McGinty Constr. Co., Fresno.

Filed Apr. 9, '24. Dated Apr. 1, '24.
As work completed..... 75%
Usual 35 days..... 25%
TOTAL COST, $11,996
Bond, $6000. Sureties, J. D. and A. E. Halstead. Limit, 50 working days. Forfeit, $10 per day. Plans and specifications filed.

DWELLING, $5500; No. 645 Normal Ave., Fresno; owner, P. A. Teberg; contractor, Roy Martin.
DWELLING, $5000; No. 1264 Wilson Ave., Fresno; owner, J. E. Saylor.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
April 7, 1924—LOT 24 BLK "R" Haywood Park, San Mateo. Wallace Waterhouse to whom it may concern.....April 7, 1924
April 8, 1924 E B St., bet. 1st and 2nd Aves., San Mateo. San Mateo Lodge No. 265, I. O. O. F. to Mattoch & Feasey.....Feb. 28, 1924
April 8, 1924—LOT 5 BLK 11, Easton Addition, Burlingame. August G Bale to J E Bale.....April 5, 1924
April 9, 1924—LOT 22 BLK 42, Easton No. 3, Burlingame. A D Dee to whom it may concern...April 9, 1924
April 9, 1924—LOT 2 BLK 10, Burlingame Grove, Burlingame. Henry East to whom it may concern.....April 9, 1924
April 9, 1924—LOTS 23 AND 24 Nishkian Tct, Fresno. W H Esworthy to whom it may concern..April 7, '24
April 12, 1924—BLK 3, Lincoln Hill Addition, Fresno. Ira L Hogancamp to whim it may concern.....April 11, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
April 9, 1924—W 50 LOT 2 BLK 5, Hazelwood Addition, Fresno. C G Cowieson vs J W Bandy.....$149
April 10, 1924—LOTS 46, 47 AND 48 Blk 7, Van Ness Heights, Fresno. Sunset Lumber Co vs C V S Boettger $92
April 12, 1924—LOT 9 E ½ LOT 8, Hollywood Acres, Fresno. W T Harris vs Frank Cicerello $436
April 12, 1924—LOTS 49 TO 60 BLK 2 in SW ¼ of Sec. 30, 19-16, East Coalinga Oil Fields. Clyde Obert, $4348; Fred Audibert, $2344; L B Kays, $3358; Arthur Monk, $2240; Sloss P King, $1904 vs D Jordan et al .....

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

PLUMBING
NW COR. CALIFORNIA AVE AND J St., Sacramento. All work for plumbing for bank building.
Owner—Farm. & Mech. Bank, 8th, J and K Sts., Sacramento.
Architect—None.
Contractor—Phil Mott, 1616 24th St., Sacramento.
Filed April 7, '24. Dated April 7, '24.
TOTAL COST, $1775.40
Bond, limit, forfeit, plans and specifications none.

ADDITIONS
NO. 1413 J ST., Sacramento. All work for additions and alterations to main office building.
Owner—Pacific Tel. & Tel. Co., 822 J St., Sacramento.
Architect—None.

Contractor—Wm. Murcell, Ochsner Bldg., Sacramento.
Filed Apr. 8, '24. Dated Mar. 26, '24.
TOTAL COST, $53,639.25
Bond, limit, forfeit, plans and specifications, none.

INSTALLATION OF ELEVATORS ON above.
Contractor—Otis Elevator Co., Forum Bldg., Sacramento.
Filed Apr. 8, '24. Dated Mar. 24, '24.
TOTAL COST, $25,260
Bond, limit, forfeit, plans and specifications, none.

BUILDING
S ½ LOT 15 AND N ¾ LOT 16, Claremont. All work for building.
Owner—Mrs. Blanche Lau.
Architect—None.
Contractor—J. A. Saunders, 2810 I St., Sacramento.
Filed Apr. 8, '24. Dated Apr. 5, '24.
TOTAL COST, $9900
Bond, limit, forfeit, plans and specifications, none.

SACRAMENTO. Hotel Senator. Copper window bar work for hotel.
Owner—Hotel Senator Corp., Nicolaus Bldg., Sacramento.
Architect—None.
Contractor — Pacific Builders Supply Co., 180 Jessie St., S. F.
Filed Apr. 12, '24. Dated Apr. 4, '24.
TOTAL COST, $479
Bond, limit, forfeit, plans and specifications, none.

FLATS, 2-story 4-room and garage, $9800; No. 2908 F St., Sacramento; owner, F. A. Cowes, 2915 F St., Sacramento; contractor, W. R. Saunders, 2614 I St., Sacramento.
DWELLING, 5-room, $4000; No. 1381 48th St., Sacramento; owner, Jacob Dinill,; 5320 N St., Sacramento; contractor, P. Leoni.
DWELLING, 5-room and garage, $2800; No. 3108 X St., Sacramento; owner, C. Craig, 2978 43rd St., Sacto.
DWELLING, 3-room and garage, $3300 No. 2217 25th St., Sacto.; owner, Gertrude Tonzi, 813 J St., Sacramento; contractor, B. F. Wilkinson 1509 1 St., Sacramento.
DWELLING, 5-room and garage, $3300 No. 2221 25th St., Sacto.; owner, Gertrude Tonzi; contractor, B. F. Wilkinson.
DWELLING, 5-room and garage, $2800 No. 2691 16th St., Sacto.; owner, A. B. Kesler, 1911 L St., Sacramento
DWELLING, 4-room and garage, $2500 No. 2581 16th St., Sacramento;; owner, A. B. Kesler.
DWELLING, 5-room, $4500; No. 1864 45th St., Sacramento; owner, R. W. Jones, Woodland; contractor, J. D. Hawthorn, 1528 T St., Sacramento.
DWELLING, (2 flat) two-story 5-room each and 2-stall garage, $8000; No. 940 35th St., Sacramento; owner, W. W. Campbell, 3455 J St., Sacramento; contractor, W. R. Campbell, 3521 J St., Sacramento.
DWELLING, one-story 6-room and garage, $3000; No. 2016 Gerber Ave., Sacramento; owner, S. A. Boltz, 3133 W St., Sacramento.
DWELLING, one-story 5-room and garage, $3000; No. 1924 31st St., Sacramento; owner, Mrs. Olive Flint, 1920 31st St., Sacramento; contractor, M. F. Terra.
DWELLING, one-story 5-room and garage, $3350; No. 1017 30th St., Sacramento; owner, Mrs. E. Von Hatton, 3000 J St., Sacramento; contractor, J. F. Gormley, 1152 Santa Barbara Way, Sacramento.
DWELLING, one-story 5-room and garage, $3500; No. 2009 15th St., Sacramento; owner, D. Cameron, 2552 4th Ave., Sacramento.
GENERAL repairs, $3000; Nos. 2217 & 2215 15th St., Sacramento; owner, M. W. Matson, 1420 12th St., Sacto.
DWELLING, one-story 5-room and garage, $5000; No. 944 44th St., Sacramento; owner, Mrs. J. Cantrell, 2028 J St., Sacramento.
SUPPLY house, one-story, $6000; No. 416 20th St., Sacramento; owner, H. E. Grau, 911 Mission Way, Sacramento; contractor, E. D. Brier, 2809 S St., Sacramento.
DWELLING, one-story 5-room and garage, $3750; No. 763 42nd St., Sacramento; owner, Mrs. L. G. Mosier, 733 42nd St., Sacramento; contractor, G. B. Stahl, 3008 J St., Sacto.
REMODEL basement, $12,500; No. 1814 17th St., Sacramento; owner, Empress Theatre Co., 1011 K St., Sacramento; contractor, Herndon & Finnigan, 1814 17th St., Sacto.
DWELLING, one-story 6-room, $3000; No. 2425 Curtis Way, Sacramento; owner, Geo. Marton & Son, 2221 O St., Sacramento.
DWELLING, one-story 5-room and garage, $2900; No. 2974 32nd St., Sacramento; owner, Jos. E. Edenhofer 3300 2nd Ave., Sacramento.
DWELLING, one-story 5-room and garage, $3000; No. 1055 Santa Ynez Way, Sacramento; owner, M. Furtado, 2423 18th St., Sacramento; contractor, C. M. Furtado.

DWELLING, one-story 4-room and garage, $2750; No. 4440 San Benito Way, Sacramento; owner, G. Lilly, 621 J St., Sacramento; contractor, J. Barden, 4440 San Benito Way, Sacramento.
DWELLINGS 7 one-story 5-room and garages, $3750 each; No. 561 36th St.; 561 and 569 Santa Ynez; 576 560, 552 and 544 36th St., Sacramento; owner, F. P. Williams, 4440 San Benito Way, Sacramento.
DWELLING, 5-room and garage, $3950 No. 325 52nd St., Sacramento; owner, A. E. Wart, 1827 F St., Artz.
DWELLING, 5-room and garage, $2500 No. 2925 D St., Sacramento; owner, O. M. Froling, 720 W-El Camino St., Sacramento.
DWELLING, 5-room and garage, $2500 No. 208 32nd St., Sacramento; owner, H. L. Mee, 1920 13th St., Sacramento.
DWELLING, 5-room and garage, $3800 No. 1524 36th St., Sacramento; owner, Chas. Peterson, 1023 W St., Sacramento.
DWELLING, 5-room and garage, $2500 No. 2575 17th St., Sacramento; owner, M. Furtado.
DWELLING, 4-room and garage, $2500 No. 1732 36th St., Sacramento; owner, P. C. Gamble, 2445 41st St., Sacramento.
DWELLING, 4-room and garage, $2500 No. 2216 56th St., Sacramento; owner, H. Harvey, 1865 49th St., Sacramento.
DWELLING, 5-room and garage, $3500 No. 1034 Santa Barbara Court, Sacramento; owner, Clyde Hausman, 2815 I St., Sacramento; contractor, Same.
DWELLING, 5-room and garage, $2875 No. 2550 25th St., Sacramento; owner, Daniel Barr; contractor, B. H. Bill, 3252 Marshal Way, Sacto.
DWELLING, 4-room and garage, $6500 No. 2915 Highland Ave., Sacramento; owner, J. C. Reid, 226 Forum Bldg., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
April 2, 1924—HOOD. S. P. Co. to whom it may concern..Mar. 24, 1924
April 7, 1924—LOT 29 BLK "A" Fairmond, Sacramento. W E Trainor to whom it may concern.....Dec. 1, 1923
April 7, 1924—LOT 5 Twentieth St., Sacramento. William A Rapp & Co to whom it may concern.....April 7, 1924
April 7, 1924—LOT 5 Col Ac., Sacramento. Mrs. Lillie Lopez to whom it may concern.....April 4, 1924
April 7, 1924—S 45 LOT 3734, Elmhurst, Sacramento. Victor Stotts to whom it may concern.Apr. 4, 1924
April 7, 1924—LOT 10 BLK "E" Highland Park, Sacramento. Wm B O'Neal to whom it may concern .....April 4, 1924
April 7, 1924—E ½ LOT 1481 W & K Tract 30, Sacramento. Wm Martin to whom it may concern.April 7, 1924
April 9, 1924—E ½ LOT 3 S 36 Lot 4 and N 4 of W 25 of S ¼ Lot 4, J, K, 7th and 8th Sts., Sacramento. Farmers & Mech. Bank to whom it may concern.....April 7, 1924
April 10, 1924—LOT 162 Cast Loma Terrace, Sacramento . S Longhead Christie to whom it may concern.....April 3, 1924
April 11, 1924—N ¼ LOT 4, V, W, 29th and 30th Sts., Sacramento. Grace Patterson to whom it may concern.....Feb. 15, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
April 2, 1924—LOT 12 Terrave Villa, Sacramento. L G Barton and F L Handlin vs Verde Martin Shaffer $142.94

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

STRUCTURAL STEEL
PTN LOTS 10, 12 AND 16 BLK 4, E of Center St., Stockton. Structural steel work for building.

Owner—Commercial & Savings Bank of Stockton (Lewis & Green Agents), Commercial Bank Bldg., Stockton.
Architect—None.
Contractor—California Steel Co. Hobart Bldg., San Francisco.
Filed April 10, '24. Dated Mar. 25, '24.
TOTAL COST, $14,175
Bond, none. Limit, 150 days. Forfeit, plans and specifications, none.

STORE building, $9000; No. 702-708 E-Market St., Stockton; owner, L. S. Peletz, 619 E-Miner St., Stockton.
RESIDENCE and garage, $4800; No. 1740 E-Hazelton St., Stockton; owner, A. Miniaci.
GARAGE, $2000; No. 1711 S-American St., Stockton; owner, O. Baerlocker.
RESIDENCE and garage, $5000; No. 1137 W-Oaks St., Stockton; owner, William Roth.
DWELLINGS (3), $5000 each; No. 1315 W-Poplar; 924 and 925 N-Orange St., Stockton; owner, Dave Valo, 224 S-Sutter St., Stockton.
REMODEL stores, $10,000; No. 50 N-Center St., Stockton; owner, J. Ruiz, 1346 S-American St., Stockton.
DWELLING and garage, $4500; No. 601 N-Orange St., Stockton; owner, Carl F. Anderson, 1709 E-Anderson St., Stockton.
RESIDENCE and garage, $3000; No. 736 W-Elm St., Stockton; owner, John Kestin.

BUILDING CONTRACTS

MARIN COUNTY

DWELLING, $3680; Summit Ave., Mill Valley; owner, Mrs. W. W. Marvin, 269 Summit Ave., Mill Valley.
DWELLING, $3500; Mountain View Ave., Mill Valley; owner, C. A. Richardson, Buena Vista Ave., Mill Valey.

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame $3500; E Seventh St., bet. Pennsylvania and Lucas Sts., Richmond; owner, S. S. Clark, 715 Macdonald Ave., grove, 169 18th St., Richmond.
DWELLING, one-story frame, $2600; N Garvin St., bet. 34th and 35th Sts., Richmond; owner, D. J. Hall, 434 Carlston St., Richmond; contractor, D. A. Dodge, 820 37th St., Richmond.
DWELLING, one-story frame, $3000; S Downer St., bet. 28th and 29th Sts., Richmond; owner, Contra Costa Realty Co., 1002 Macdonald Ave., Richmond; contractor, Tandy & Thies, 234 Chanslor St., Richmond.
DWELLING, one-story frame, $2000; W Humboldt St., bet. McBryde and Esmond Sts., Richmond; owner, Contra Costa Realty Co., 1002 Macdonald Ave., Richmond; contractor, Tandy & Thies, 234 Chanslor Ave., Richmond.
DWELLING, one-story frame, $3000; N Esmond St., bet. 28th and 29th Sts., Richmond; owner, Contra Costa Realty Co., 1002 Macdonald Ave., Richmond; contractor, Tandy & Thies, 234 Chansdor Ave., Richmond.
DWELLING, one-story frame, $3000; N Downer St. bet. 28th and 29th Sts. Richmond; owner, Contra Costa Realty Co., 1002 Macdonald Ave., Richmond; contractor, Tandy & Thies, 234 Chanslor Ave., Richmond.
DWELLING, one-story frame, $4450; E 12th St., bet. Bissell and Chanslor Aves., Richmond; owner, J. G. Whalin, 152 Chanslor Ave., Richmond; contractor, C. Overaa, 2105 Roosevelt Ave., Richmond.
DWELLING, one-story frame, $4380; W 21st St., bet. Barrett and Roosevelt Sts., Richmond; owner, E. C. Lambrecht, 546 21st St., Richmond; contractor, Carl Overaa 2105 Roosevelt St., Richmond.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
April 8, 1924—E 50 FT. LOTS 5 AND 6 BLK 2, Merryvale. Henry B Budd to J W Williams.....April 8, 1924
April 9, 1924—LOT 11 BLK 12, Lake Park, Stockton. Lloyd B Murphy and Charles Heffernan to E L and J W Fetter.....April 7, 1924
April 11, 1924—LOT 13 BLK 12, Lake Park, Stockton. Lloyd B Murphy and Charles Hefferman to E L and J W Fetters.....April 7, 1924
April 12, 1924—EXTERIOR BOUNDaires of S. S. J. I. Dist. South San Joaquin Irrigation District to J S Greaves, April 8, 1924; C W Wood, ...April 8, 1924
April 12, 1924—LARN. Southern Pacific Co to W A Falconer..... .....April 9, 1924
Apri 14, 1924—PESCADERO ISLAND that portion of camps 3 & 4 lying adjacent to San Joaquin River and Old River. California Irrigated Farms by Amos Jones, vice president, to Lewis R Eyington and G K Poulos.....April 11, 1924

DESPISED ROCK IS VALUABLE BUILDING MATERIAL

Bull quartz, a heretofore useless material found in various sections of the Sierra Nevada Mountains, has taken a place on the building material list. The snowy white rock which has been cursed by miners for intruding on an apparently good mining claim and in many instances cutting off a good lead is now in demand by building contractors for use in stucco work.

The first deposit to be exploited in Calaveras county is being opened at Carson Hill by William Cortes, who claims he has a contract to ship from 400 to 1000 tons of the material a month to a grinding plant in Stockton. It is expected to deliver from two to seven cars a week.

Operations at present are confined to mining the surface croppings of the famous bull quartz vein that cuts through the Carson Hill mining company's property. The first outcropping to be worked will produce about 15,000 tons of quartz, or about 300 cars. As the demand arises, other outcroppings will be developed. Cortes states he is in a position to double the output if demand is made, as he has an unlimited supply. He also states that there is a demand for andesite and mariposite for building material. The latter two are very common through the Mother Lode country.

WAGES OF HIGHWAY LABOR REPORTED BY AGRICULTURAL DEPARTMENT

Statistics compiled by the Bureau of Public Roads of the United States Department of Agriculture show the average hourly wages of highway labor during February in the nine geographic divisions into which the states have been grouped. Below is given the figure representing the highest and lowest averages for all groups. The figures are based on reports on Federal-aid projects only, and since February is not a month of heavy construction they do not represent a large number of workers. (a) high group average; (b) low group average:

	(a)	(b)
Superintendents	$1.23	$0.96
Foremen	1.00	0.55
Truck drivers	0.65	0.26
Mixer operators	0.84	0.33
Steam shovel operators	1.15	0.57
Carpenters	1.10	0.43
Concrete finishers	0.58	0.35
Mechanics	0.75	0.32
Cooks	0.59	0.19
Teamsters	0.51	0.24
Team and teamster	0.83	0.51

Average hourly wages of common labor are reported as follows: New England 53 cents, Middle Atlantic 48 cents, East North Central 41 cents, West North Central 33 cents, South Atlantic 27 cents, East South Central 23 cents, West South Central 24 cents, Mountain 39 cents, and Pacific 51 cents.

HOUSING QUARTERS APPROVED

Plans drawn up by private interests for the erection of groups of model cottages for Mexican laborers in Fresno and vicinity have received the approval of the State Immigration and Housing Commission. The cottages will cost between $1250 and $1500 each and will rent for $20 a month. The plans were drawn up according to suggestions submitted to the contractors by the commission.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery etc. Send for rates in your territory, advising class of work in which you are interested.
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FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
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SAN FRANCISCO, CALIF., APRIL 26, 1924

Published Every Saturday
Twenty-fourth Year No. 17

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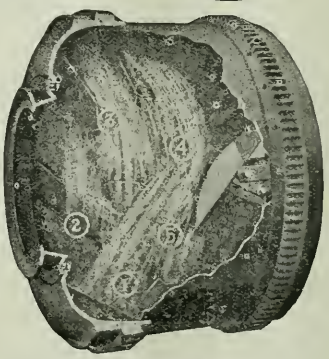

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

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San Francisco · Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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MAGNESITE IN 1913

The Department of the Interior announces through the Geological Survey that statistics compiled by J. M. Hill show that the magnesite material marketed in the United States in 1923 from domestic mines was equivalent to $147,250 short tons of crude magnesite, valued at $1,103,700, an increase of 164 per cent in quantity and 93 per cent in value as compared with the quantity marketed in 1922. As the value is based on the price of crude magnesite f. o. b. mines and as about 50 per cent of the output—a much larger percentage than usual—was made in the State of Washington, where the operations place a low value on the crude uncalcined rock, the increase in value in 1923 was low as compared with the increase in quantity.

Eight producers of magnesite in California in 1923 were operating at 11 localities in Napa, San Benito, Santa Clara, Stanislaus, Tulare, and Tuolumne counties. In Washington the output came from three properties near Valley and Chewelah, in Stevens County.

The reports of the Bureau of Foreign and Domestic Commerce show that the magneisite material imported for domestic consumption in 1923 amounted to 5,182 short tons of crude magnesite, valued at $44,081; 10,928 tons of caustic calcined magnesite, valued at $306,610; and 61,726 tons of dead-burned magnesite, valued at $707,383. These figures appear to indicate that the foreign producers can mine and calcine magnesite more cheaply than the domestic producers. No crude or calcined magnesite was exported.

CEMENT INDUSTRY'S PROGRESS IN USE OF FUEL

Probably no single event in the history of the race contributed so much to man's ascent from savagery as his discovery of the use of fire.

When he learned to harness this erstwhile fearsome giant he had mounted the stairs of progress—the history of his development is closely linked with the development of uses of fire.

At first he used fire only to cook the game he had slain and to warm his cave or hut. Then he learned that the wood of his spear point if only slightly charred in the fire became harder, thereby making a better weapon—it was not until thousands of years later that he learned to use fire to treat metals so as to better adapt them to his use.

The history of man's progress in industry has been largely a history of his progress in the uses of fire.

For instance in the portland cement industry the development of fuel is one of the interesting chapters in its history.

When Joseph Aspdin, an English bricklayer of Leeds, patented portland cement 100 years ago he burned the powdered raw cement rock in a crude brick kiln, in which layers of the raw powdered rock alternated with layers of coal. Later layers of coke were substituted at some plants for coal. In America, however, manufacturers started to seek improved methods of burning raw cement rock soon after the industry had gained a foothold in this country. It became necessary, because of the high cost of labor in America, to find some means of using fuel which would be more economical of labor.

Out of this need grew the rotary kiln—a great steel tube into which powdered coal was shot under pressure of compressed air. This method gave much greater efficiency in burning, for it made it possible to obtain a temperature of 3,000 degrees Fahrenheit within the kiln, one of the highest temperatures used in industry.

This development has come within the last twenty years.

MARCH STEEL SALES ESTIMATED AT 184,600 TONS

A sudden revival of buying has come in the market for structural steel and orders are being received by leading steel companies and some of the smaller concerns from various sections of the country. Estimates place the amount of business put on the books of the steel companies during the past week at more than 65,000 tons in the East alone, with an equal tonnage pending and likely to be closed within a week or ten days.

Sales of structural steel in March are estimated at $184,600 tons, against 189,800 in February and 241,800 in March, 1923, according to the Department of Commerce. March bookings represented 71 per cent of capacity against 73 per cent in February and 93 per cent in March, 1923.

March shipments totaled 169,000 tons, or 65 per cent of capacity, against 153,400 tons , or 59 per cent in February.

PROJECTED HIGHWAY PROGRAM RECEIVES APPROVAL

The 12-year construction program of Jas. Allen, Washington state highway engineer, which would give the state of Washington 1710 miles of paved and 1400 miles of graveled highways by 1936 without having incurred a dollar of indebtedness has been approved by the state highway committee as a tentative plan on which to work. The 3,110 miles of paved and graveled highways in the Allen program are included in the present state and federal aid highway system.

The program is based upon the theory that the present system of raising revenues will be continued. It will require an average of $7,000,000 a year for construction to complete the system and paving must average 100 miles every twelve months. The present revenues from automobile licenses and gasoline tax, coupled with the proposed $1,000,000 a year from federal aid fall short of the $7,000,000 annual requirements. But state revenues are increasing so rapidly that officials are certain the average will be maintained.

The present year's motor vehicle licenses will far exceed $4,500,000 and the gas tax will run much over the $2,000,000 originally estimated as a maximum expectation. It must be remembered, however, that overhead expenses of state departments and about $1,500,000 a year for maintenance must come out of the license and gas revenues. The state is maintaining 2,722 miles of highway as compared with 2200 miles maintained by the counties prior to this year. And the state is discovering that while graveled roads in some sections of the state are most excellent under favorable circumstances they cost a great deal to repair when the frost goes out of the ground.

TO PROMOTE USE OF ODD LENGTHS OF LUMBER

Believing that conservation of lumber may be aided by promoting the use of odd and short lengths the National Lumber Manufacturers' Association has started an investigation of the subject. Elimination of certain waste under the present system would be reflected in lowering costs to the consumer who now pays for the waste.

Realizing that basic information first must be obtained before definite action is taken, the lumber association through its committee on practical size investigation, is making a direct appeal to contractors and other large users of lumber in an effort to ascertain the volume of demand for odd and short lengths that may be built up. Upon the results of this study will depend decision by the lumber men as regards addition of new lengths to their output.

"It would be desirable," says the committee, "to know the percentage of odd and short lengths that may be handled economically in building construction. While the value of opinions based on many years of practical experience cannot be over estimated, exact figures based on specific examples and research would present material of the highest aid in determining practicality of the proposed movement."

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Los Angeles building activities keep up a steady pace. permits issued by the city building department during April, 1924, up to and including the 15th, numbered 2460 with an estimated valuation of $7,917,893. For the same period in March the number of permits was 2893 and the estimated valuation $8,521,870, and the corresponding period in April, 1923, the number of permits was 2706 and the estimated valuation $8,000,928. For the year 1924 up to and including the 15th of April, the building total was $54,439,679 as compared with $52,535,842 for the corresponding period in 1923. All indications point to a total around fifteen millions for April, 1924. The total for April a year ago was $15,352,944.

W. C. Lefebvre has been appointed state highway engineer of Arizona to fill the vacancy caused by the resignation of Frank R. Goodman. Mr. Lefevre was for several years city engineer of Tucson, served two years as county engineer of Pima county and about a year ago was appointed engineer for the Arizona state land department, which position he resigned to accept the post of state highway engineer. His early engineering experience was with the Southern Pacific railroad on construction in southern Arizona.

No permit for building dams, reservoirs or other works on the Klamath River in California for development or transmission of power could be granted "without specific authority of congress" under the terms of a bill introduced by Representative Raker. The bill is directed particularly at the Electro Metals Company which is seeking authority to develop power on the river.

According to word from New York, the American Institute of Architects has started a movement for members to label their work henceforth, the same as do sculptors and artists. "I wonder how many people out of a thousand know who the great author of the Woolworth building is?" asks one who favors the plan.

Herbert J. Flagg, chief engineer of the Washington State Department of Public Works, has resigned to accept a position with a public utility corporation. J. W. Carey has been appointed to fill the vacancy. C. V. Angove will continue as assistant chief engineer.

Anticipating a greater building season in the Northern California district, the Lincoln Housing Corporation with main offices in Los Angeles, has opened a San Francisco branch at 307 Balfour Building, with E. A. Stevens in charge. The company specializes in building loans.

Thirty plumbers attended the conference called by City Manager Clifton E. Hickok of Berkeley to perfect a new plumbing ordinance for that city. Another conference will be held shortly at which time definite steps will be taken to adopt a permanent code.

The Hall Lumber Company is opening a yard at Culver City. The firm also has yards at Winslow and Williams, Arizona.

National Lumber Manufacturers' Association at the close of its convention in Chicago adopted resolutions indorsing the designation by President Coolidge of April 21-27 as Forest Protection week, and pledging its members to co-operation in the protection of the Nation's forests. The lumber industry, the resolution declared, is committed to the adoption of a national forest policy that will insure an adequate timber supply for all future generations.

E. S. Shattuck, president of the Shattuck Construction Company and the Shattuck-Nimmo Company, died at his home in Los Angeles, April 10. He was 58 years of age. Coming to Los Angeles more than 30 years ago, he engaged in construction work. He built the Nevada-California railroad from Mojave north and was identified with many of the important irrigation projects in California, Arizona, Nevada and Utah.

C. W. Paine, district secretary for the U. S. Civil Service Commission at Seattle, announces an open competitive examination to fill a vacancy in the position of marine gasoline engineer, custom service at Seattle. The position pays $1,400 a year plus bonus. Receipt of applications close May 10.

The first organized forest preservation campaign in El Dorado national forest is now underway. Under the plan approximately 37,000,000 feet of timber will be cut each year from the area known as the Lincoln Highway working circle. The cutting cycle will be about 65 years.

J. Saser, past owner and manager of the East Belt Granite Quarry on the Rabien Ranch near Tuolumne, Calif., has returned from a trip to Southern California where he closed a number of large contracts for the delivery of his dark blue marble product.

E. N. Baker, secretary of the Yosemite Portland Cement Comany, announces machinery for the company's new plant on the Oakdale road near Merced is in shipment and will be installed within the next sixty days.

F. Emerson Hoar, San Francisco engineer, has been selected by the East Bay Municipal Utility District to appraise the properties of the East Bay Water Company, with a view to purchasing the system.

Bids have been asked by the State Highway Commission to grade 5.2 miles of highway of the Bay Shore Highway in San Mateo county, running from South San Francisco to Broadway Station.

Chas. Johns, representing Chicago interests, is viewing sites in Southern California where it is proposed to establish a plant to manufacture sheet metal.

Southern Pacific Company applies to Interstate Commerce Commission to construct eleven miles of railroad in the city of Los Angeles at a cost of $$4,097,756.

Bids will be considered by the Los Angeles city council on June 2 to construct the Ninth Street viaduct, a project estimated to cost, $650,000.

TRADE NOTES

E. M. Tilden, president of the Builders' Exchange of Alameda County and head of the Hogan & Tilden Lumber Companies, announces plans for the formation of a $2,000,000 corporation to be the largest retail lumber concern in Northern California and to control twenty-one yards and seven finishing mills. The new concern will be known as the Tilden Lumber & Mill Company. In connection with its formation, Tilden said, is a deal involving more than $1,000,000 with the Sunset Lumber Company for 14 of that company's yards.

The Henry Cowell Lime & Cement Co. has leased the half-acre site of the Webster Wharf Company on First and Webster streets, adjacent to the Oakland waterfront for additional rock and gravel storage quarters. Main offices of the Cowell Company are located in San Francisco. A branch is maintained at First and Franklin Sts., Oakland.

The McMyler-Interstate Co. of Cleveland, Ohio, announces the opening of a San Francisco office at 615 Monadnock Bldg. with Mr. C. F. Wolfradt in charge. The company handles locomotive cranes, car dumpers, pile drivers, coal and ore handling bridges, steam shovels, clam shell buckets, orange peel buckets, structural work and forgings.

Geo. W. Frosch, San Francisco representative of the General Fireproofing Company, has been transferred to Los Angeles to handle the company's business in the Southern California section. P. F. Cunningham, Oakland representative of the General Fireproofing Company, succeeds Frosch at the San Francisco office.

Routt Lumber Co., Inc., 2011 Tyler Ave., Fresno, announces the opening of a free employment bureau, catering to the contracting fraternity and the building public. Mechanics for all branches of the building business can be furnished by the company on saort notice.

Arca Tile Manufacturing Company has started operations at Castroville, Monterey county. The company manufacturers roofing and floor tile. Owners of the plant are Jos. Arca, Sr., Jos. Arca Jr., and John Garcia. The three formerly operated a similar plant at Santa Barbara.

The Hug Company, Highland, Ill., is distributing a circular describing the Hug truck and illustrating the new Hug dump body and self cleaning cement compartment. This will be of a special interest to road builders.

Blue Diamond Company, building material dealers, has purchased a 43-acre site in the industrial section of Los Angeles to permit future plant expansion. The site purchase price is said to exceed $300,000.

The William Smith Lumber Company, wholesalers, has leased four acres with 310 feet of waterfrontage in Oakland and will establish yards. C. W. Dietrich will be manager.

B. A. Rodell and E. F. Ruff, operating under the name of the Economy Electric Co., have opened quarters in the Beck Building at Livermore.

F. H. Betz, building contractor of Sacramento, announces the removal of his offices from the Ochsner Bldg. to 1831 Q street, Sacramento.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

OAKLAND TO FEATURE HOMES EXHIBIT

Through the medium of the Modern Homes Exposition to be held at the Oakland Municipal Auditorium the week starting May 17, the entire story of home building represented in terms of architectural service, building materials, home equipment and household furnishings will be presented by the Oakland architects, builders and merchants. The event has been arranged for the purpose of establishing an annual exhibit at which the home builder, as well as the housewife, may compare the various materials and furnishings which are on the market.

The exposition is declared to be the first co-operative effort of its kind in the West. Each exhibitor has subscribed funds for underwriting the expenses, subject to a refund, and will feature his complete line of products.

Frederick L. Schleicher, formerly with the St. Louis Convention and Publicity Bureau and associated with the Exhibit Corporation has the exhibit in charge

The idea back of the exposition is that of showing the public the definite merit of the products handled by the Easthay dealers and builders. Executive offices have been opened at 215 Fox-Oakland Bldg., Oakland.

CRAFTSMEN ATTEMPT TO CUT WORKING TIME

According to a report issued by the Association of Building Trade Employers the members of several building crafts in eastern cities are demanding a 5-day week with increases in wages sufficient to hold their pay at the level that obtains under the 44-hour week system. One of the latest reports of such a demand comes from Washington, D. C., where the plasterers insist on the 40-hour week.

The report also says that in a number of isolated instances contractors have been forced to submit to the craftsmen's demands or see their operations stopped altogether.

Building contractors of Indianapolis have taken a firm stand against the 5-day week, and contractors in many other cities are preparing to resist its establishment.

NEW HOME FOR BUILDERS

All building interests of San Antonio, Texas, are to be centralized in one building in the near future. The San Antonio Builders' Exchange begins this month the erection of a 9-story structure for the use of its members. At the end of March only 15 per cent of the stock in the corporation that will handle the job remained to be disposed of, and 85 per cent of the office space in the new building had already been contracted for.

S. F. BUILDERS TO BANQUET

The thirty-fourth annual banquet of the San Francisco Builders' Exchange will be held at the Fairmount Hotel, May 10, according to an announcement of Emil Hogberg, chairman of the committee in charge of the affair.

Others on the committee who will assist Hogberg, as chairman, are: L. J. Neal, Walter Jamieson, S. A. D. Schenck and W. H. George.

Tickets for the banquet will be offered for sale in the immediate future.

Trade Associations to be U. S. Commerce Chamber Topic

Trade associations and their activities will be given attention at the forthcoming annual meeting of the Chamber of Commerce of the United States at Cleveland, May 6 to 8.

Three separate proposals concerning trade associations have been submitted by member organizations of the National Chamber for consideration at the convention. The substance of these proposals, and the organizations that submitted them, follow:

The Memphis Chamber of Commerce proposes that the National Chamber should advocate creation of a commission which would define the rights of trade associations and their members in all respects, including their rights to discuss operating expense, sources of supplies for materials, prices, trade competition, etc. A study of anti-trust laws and of the Federal Trade Commission's powers and activities would be included. The purpose would be to establish recognized principles which would remove handicaps under which trade associations now operate, through fear that they may violate some law, rule or regulation and be called before a commission or the courts upon a criminal or civil charge the existence of which, regardless of the merits, is detrimental.

The Southern Central Division of the National Chamber recommends that all possible steps be taken to obtain elimination of obstacles and uncertainties which interfere with the most effective carrying out by trade associations of their function of disseminating information.

The National Coal Association proposes that the President of the United States be asked by the National Chamber to direct the Attorney General to institute a test case of such a character that it will determine the legal status of activities of trade associations in gathering and giving to the public statistical information concerning production, distribution, cost and prices when no improper private use of such statistical information by the association or its members is alleged.

The subject of trade associations is only one of a score of important questions submitted by chambers of commerce and trade associations for consideration at the annual meeting.

WAGE RAISES GRANTED CRAFTS IN SEVERAL CITIES

Plumbers, electricians, carpenters and painters of Waterbury, Connecticut, have signed a 2-year agreement with the employers at a rate of $1 per hour as against the old rate of 90 cents, according to the bulletin of the National Association of Building Trades Employers.

Plasterers in Canton, Ohio, have notified contractors that they will ask an increase of 25 cents an hour on May 1. The present rate is $1.50. Bricklayers were recently granted an increase to $1.37½ an hour.

Painters in Hammond, Indiana, recently won their demand for a 5-day week. The wage rate will be $1.37½ per hour with the provision that if any other trade goes to $1.50 the scale for painters will automatically be advanced to that figure.

With the exception of the bricklayers, all of the building trades in Westchester County, New York, recently voted to demand a new rate of $10.50 per day, effective July 1. The present rate is $9 per day. It is said that the bricklayers will demand $12. The 5-day clause will be brought into many of the agreements made by the painters' locals.

In Denver, Colorado, a new wage scale of $1.50 per hour for bricklayers recently went into effect. At the same time tile setters were granted $1.62½ per hour.

The secretary of the plumbers' union in Philadelphia was recently removed from office because he ordered the journeymen who have been on strike demanding $1.25 an hour to return to work at their old rate of $1.15.

Plans for "Better Homes Week" in Sacramento are being completed, according to Miss Geneva Watson, Manager of the Sacramento Building Material Exhibit, who is general chairman of the Home Week committee.

ORGANIZE TO DEVELOP PENINSULA DISTRICT

Directors of the San Francisco Chamber of Commerce have voted to accept the invitation of the Peninsula Chambers of Commerce, Federated, to become a member of that organization, formed recently to foster development of the entire Peninsula district from the Ferry building, San Francisco to Mountain View.

In his invitation, George Morrell of the Palo Alto Chamber of Commerce, who is chairman of the Peninsula Chambers of Commerce, Federated, set forth the result of a meeting held at South San Francisco when a program was adopted to co-ordinate the efforts of various organizations for the solution of common problems.

Frank Thrall of Burlingame is vice chairman, and Murphey McHenery secretary-treasurer of the federated body.

The work-program for the Peninsula Chambers of Commerce adopted at South San Francisco April 3 includes: — Dredging the South San Francisco Bar; construction of Bay Shore Boulevard; transportation; Peninsula water supply; highway improvements; terminal freight rates for entire Peninsula District; concreted advertising; beautifying the highways; home building and financing; encouraging tourist hotels.

Charged with formation of a combination to force down the price of scrap steel, the Steel Mill and Foundry Supply Company, an organization of six Pacific Coast steel concerns, was a defendant before Commissioner A. F. Dinnen of the Federal Trade Commission. F. W. Taylor of the Southern Pacific Company testified that the price his company received for scrap steel had fallen 20 per cent since 1920, when the supply concern was organized.

SIMPLIFY STRUCTURAL SLATE

Following extended investigation of widespread diversity in specifications covering the use of structural slate for plumbing and sanitary purposes, and tentative adoption by members of the National Slate Association of a simplified program, the Division of Simplified practice, Department of Commerce, which aided the industry in the movement, has sent to all affected groups requests for acceptances of the eliminations. The new program will become effective January 1, 1925.

Construction items which will be affected include; laundry tubs, sink and tub combinations, sink and two-tub combinations, sinks with or without integral backs and with one or two drain boards, slate sink tops, slop hoppers, shower stalls, toilet enclosures, and urinals.

In addition to the slate association members in the movement, the consuming group was represented by the Structural Service Bureau of Philadelphia, the New York City Board of Education, the Eastern Supply Association, the American Construction Council, the American Institute of Architects, the Division of Simplified Practice, Department of Commerce, the United States Bureau of Standards and the United States Bureau of Mines.

As adopted the simplification items are very nearly a standard of practice. Reductions are made in varieties of width, length and inside depth of sinks and tubs, together with fixed thicknesses for material. Regulations covering the placing of slate in the showers and other sanitary equipment are also included.

LONG BEACH PLANS MUNY GAS PLANT

The Southern Counties Gas Company has applied to the State Railroad Commission for permission to sell to the City of Long Beach for the sum of $2,175,000 cash, the gas distributing system of applicant in that city. It is stated that the City of Long Beach at an election held August 14, 1923, authorized $3,000,000 in bonds for a municipal gas distributing system, and has already begun the installation of such municipal system. Applicant alleges that the price to be paid is less than the cost of the system to applicant and considerably less than the present value of the properties, but is the highest price which the city of Long Beach is willing to pay, and in view of existing conditions at Long Beach applicant believes it to be the best interest of its bond holders and stockholders to conclude the sale.

HUGE EXPENDITURES FOR BRIDGES & HIGHWAYS IN STATE

Expenditures by the State of California and counties on highways and bridge construction and maintenance in the past twelve years totaled $293,636,355, according to figures compiled by R. T. McKisick, deputy State Attorney-General, for use in a motor vehicle act suit. The totals from 1912 to 1923, as obtained by McKisick, follow:

Counties: Highway maintenance, $98,480,503.80; highway construction, $62,532,638.23; bridge maintenance, $11,065,746.26; bridge construction, $15,463,987.90; miscellaneous maintenance, $6,704,966.77; miscellaneous construction, $1,536,447.61. Total, $195,784,380.57.

State: Appropriations, $558,624.27; highway funds, $74,769,013.76; motor vehicle fund maintenance, $22,724,347.29. Total, $97,851,975.32. Motor vehicle fund apportionment to counties, $14,795,720.87.

Washington Proves Dumping Ground For Foreign Cement

Importation of hydraulic cement for the state of Washington in February amounted to 11,974 barrels. Production of cement in Washington, Oregon and Montana during March aggregated 257,000 barrels as compared with 234,000 barrels for the like month of 1923.

The importation of cement by Washington is pointed to by northwest producers as "dumping" from foreign countries. It is brought to Pacific northwest ports by foreign ships carrying it as ballast, is placed on the local market to sell at a price under the present market price and, therefore, is considered in unfair competition with the northwest product.

Attention of Seattle business men is called to the practice by John C. Eden, president of the Superior Portland Cement Company. Cement producers of the northwest are petitioning for declaration of a duty on importations of cement sufficient to equal the cut below the Washington market, according to a statement by Eden. The importations are principally from Norway and Belgium, he says.

The production of Portland cement in March, 1924, is the highest for that month of any year, statistics gathered by the Department of the Interior show. Although production reached a new high point, shipments were slightly lower than March, 1923, but are now increasing at a rate nearly parallel with that year.

The output for the first quarter of 1924 shows an increase over the same period of 1923. In 1923 the figures were 26,080,000 barrels and in 1924, 27,746,000 barrels. Shipments for the first quarter of 1923 reached 22,044,000 barrels, while in the same period, 1924, they totaled only 20,138,000.

Total importations of cement last year for the whole of the country amounted to 1,678,636 barrels, valued at $2,964,000 importations this year amounted to 153,732 barrels in January against 71,686 for the same month, last year, and 162,930 barrels in February against 20,529 last year. Last year's total for March was 66,521; figures for the month just passed are not yet available.

The February imports this year were: 79,824 barrels from Belgium; Denmark, 65,216; Norway, 17,223; other countries, 667 barrels. The imports were received in the following districts: Los Angeles, 66,467 barrels; Porto Rico, 65,216; Washington, 11,974; New York, 11,212, and other districts, 8061 barrels.

Pacific Coast Must Build To Meet Increased Population

By W. K. Bowes, Vice-President and Pacific Coast Director of Loans, S. W. Straus & Co.

Although the Pacific Coast Cities of greatest population have issued 427,004 building permits calling for investment of $1,063,322 during the four years beginning with January, 1920, they have not been in proportion to their growth. These cities have increased in population by 1,020,831 newcomers and housing of all types is today less plentiful and rental schedules generally higher than at that time. Every growing city in Washington, Oregon, California, Idaho, Utah, Nevada and Arizona, must expect more extensive building during 1924 and for several years to come than heretofore or fail to meet the requirements of a rapidly increasing population.

Great as has been the building programs of these cities in recent years, few have been erecting new buildings in proportion to increase in population. The result is a housing shortage in most of them greater than existed at the close of the war time period of inactivity in building, and in the vast majority of these cities rent schedules generally prevailing today are higher than at that time. If adequate provision is to be made for the many thousands of newcomers to these cities, the building program of the west must be materially increased during the next few years.

This is clearly shown in a building survey of western cities recently conducted by S. W. Straus & Co., nationally known investment banking house which deals exclusively in the financing of new buildings of essential demand. This survey covers all of the larger cities of the seven Pacific Coast states.

It deals with building activity and growth in population, during the last four years and with existing housing conditions as reflected by a comparison of rental schedules of 1920 and as of today.

A cross section of western building conditions and housing situations is shown by the accompanying table which gives figures taken from the Straus survey for fifteen cities of greatest population. But three of these cities show rental reductions from the general schedules of 1920, three report rental schedules practically the same and the rest show rental increases ranging from five to seventy-five per cent An average increase in population of forty-eight per cent is shown, ranging from 6% at Salt Lake City to 119% at Long Beach.

The average investment in new construction for each newcomer citizen is $1042 on a basis of one building permit issued for each 2.38 newcomers. But six cities report newcomer investment ratios greater than the average, the most notable being Salt Lake which, never-the-less reports no reduced rentals. A notable example of low ratio is that of San Francisco which has invested but $753 in new buildings for each newcomer and where rent schedules range from 40% increase for flats to 75% increase for apartments over rentals of 1920.

The average building permit for these fifteen cities during the four years period has been $2481. In San Francisco this average figure is $4719 and but one building permit was issued for each 6.26 newcomers, indicating a relatively greater number of apartment houses, hotels, commercial structures, etc., and fewer permits for individual housing than in most other cities. It also shows an increasing housing shortage reflected by the higher rent schedules.

In Los Angeles, the newcomer investment ratio and that of the cost per permit are but slightly above the average yet, today's rental schedules in that city range from 20% to 40% above those of 1920. These figures show a greater proportion of individual housing construction than at San Francisco. The Los Angeles increase in population for this period has been 43% and its roster of newcomers numbers 425,266 more than 41% of the total increase for the entire list of fifteen principal cities, while its four

years building total is 43% of the whole.

Building costs have slightly and and gradually increased since January of 1920, so that today's rental schedules cannot accurately reflect a true ratio of housing shortage. Rentals, however, always indicate more truely the relationship between supply and demand in housing than it does increased cost of construction. The housing status of January, 1920, was based on conditions resulting from the war and it was estimated then that five years of extensive building would be required to restore housing rentals to pre-war normal. Four years of building activity since then has not only failed to reduce that housing shortage but has, in most places, failed to keep pace with increases in population.

In anticipation of the great demand which building requirements of the Pacific Coast must make upon capital in practically every city, S. W. Straus & Co. is preparing to extend its service far beyond the records of former years and to participate in the active building program being forced on these communities by a very material increase in the number of its construction loans. Of the $30,000,000 it has underwritten on the Pacific Coast approximately one half was loaned in 1923. Of the 98 bond issues underwritten by this House last year in the United States and Canada, 16 were for Pacific Coast buildings. The record for 1924, it is expected, will be very much greater and in keeping both with a relatively greater activity and a greater volume of building in these western states.

Building Record and Population Growth

This table shows, for fifteen of the larger cities of the seven Pacific Coast States, an analysis of building permits issued and growth in population during the four years from January 1, 1920 to January 1, 1924, and today's basis of rent schedules in relation to those of 1920. Building permits figures are those officially reported by building inspectors. Population figures of 1920 are those of the United States Census. Today's estimates of population are the most reliable obtainable from official sources in each city. Estimates of today's rental schedules, given in percentages of schedules of 1920, are those reported by realty boards and experienced realtors. The average cost of building permits indicates the relative general character of new construction types. The average investment for each newcomer during this four years period indicates the extent to which each city's building program has been keeping pace with growth in population. Building permits 4 years—(a) number, (b) cost; population—(c) Jan. 1, 1920, (d) Jan. 1, 1924; (e) increase; average—(f) cost per permit, (g) investment per newcomer; (h) rent schedules.

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Los Angeles	172,706	$464,124,954	576,673	1,001,939	73%	$2687	$1091	120 to 140%
San Francisco	29,873	140,988,492	506,676	693,700	36%	4719	753	140 to 175%
Portland ...	53,043	77,725,791	258,288	343,000	35%	1465	847	120
Seattle	41,823	69,382,068	315,312	364,000	15%	1658	1425	110
Oakland	31,667	77,377,950	216,261	280,000	29%	2443	1214	100
Salt Lake.	5,073	20,358,209	118,110	126,000	6%	4013	2580	100
Long Beach	17,118	66,904,003	55,593	125,000	119%	3908	1007	106
Tacoma	16,228	18,164,478	96,965	124,950	28%	1119	649	105
Spokane	9,746	10,820,668	101 37	119,437	13%	1110	742	108
Sacramento	10,282	27,321,924	65,908	96,500	46%	2657	893	95
San Diego...	16,026	34,148,577	71,083	92,000	24%	2130	1905	90
Fresno	9,280	23,769,308	45,086	75,000	66%	2561	1791	125
Berkeley ...	7,796	20,058,140	56,036	74,000	32%	2572	1116	115
Phoenix	3,892	8,014,439	29,053	37,000	29%	2059	949	100
Tucson	2,451	4,729,321	20,292	31,500	55%	1929	421	90
Total.....	427,004	$1,063,888,322						

Material and Labor Prices Influence Highway Building

The volume of highway production is considerably influenced by changes in material and labor prices, according to the Bureau of Public Roads of the United States Department of Agriculture. These vary not only in the United States as a whole but between sections of the country. The price of common labor, for instance, rose from 20 cents per hour in 1915 to 36 cents in 1918, and 49 cents in 1920. It then dropped to 36 cents in 1921 and 32 cents in 1922. It then began to rise a little and for 1923 was 40 cents.

To show the variation between sections it may be noted that in the East South Central States in 1915 labor was 12 cents per hour, while in New England it was 20 cents and in the Pacific and Mountain States it was 26 cents. In all of these States the price rose until in 1920 it was 32 cents in the East South Central States, 49 cents in cents in the Pacific and Mountain States. It dropped again in 1922 in the East South Central States to 20 cents, in New England to 39 cents and 48 cents in the Pacific States, rising again slightly in 1923 to 22 cents in the East South Central, 51 cents in the New England States and 54 cents in the Pacific States.

There was a similar range for prices of road-building materials which gradually rose until in 1920 it was about 150 per cent above the 1915 figures for lumber, a little over 100 per cent for steel, and about 100 per cent for cement. From this high point all materials dropped until 1922.

The results in road construction were that the price of common excavation rose steadily to 1920, fell back again until 1922, and then began to rise again. Similar movements took place in structural concrete and in the pavements. These fluctuations may be shown graphically, and taken together product variations in the total cost per mile from year to year. For example, if we assume a road with 8000 cubic yards of excavation, 10,560 square yards of pavement and 75 cubic yards of structural concrete, and use the prevailing labor and material prices for an expenditure of $100,000, the mileage we would have been able to build are:

1919—United States, 2.9; East South Central, 3.1; New England, 2.8.

1920—United States, 2, 4; East South Central, 2.5; New England, 1.9.

1921—United States, 2.6; East South Central, 2.7; New England, 2.1.

1922—United States, 3.3; East South Central, 3.3; New England, 2.3.

1923—United States, 3.0; East South Central, 2.9; New England, 2.2.

EXPERTS SEEK MEANS TO SAVE OLD STRUCTURES

Skyscrapers and office buildings erected thirty years ago are approaching the point of obsolescence, and their modernization is one of the major problems of city development, according to Earle Schultz, president of the National Association of Building Owners and Managers.

"Until thirty years ago there were few high buildings in American cities," said Schultz. "In the years that have followed we have seen the skylines reach greater heights, but the great amount of buildings in the late nineties today brings us face to face with the problem of refitting and rehabilitating many of these old buildings for further service.

"Studies made by our organization indicate that buildings past one score and ten are approaching the point of obsolescence. Until the present time we have not been compelled to give the older office buildings much thought, but now with so great a number of the old-time office buildings reaching a stage where their usefulness may be questioned, it is imperative that we ascertain the best ways and means of preventing losses that would total millions of dollars.

"The high cost of building materials of the present day makes it all the more urgent that we conserve the material in the older structures. Because of the nation-wide importance of the problem, the association convention to be held in Colorado Springs, June 23-28, will devote much time to a study of old buildings and the work of modernizing them."

MARCH CEMENT PRODUCTION

The production of Portland cement in March, 1924, is the highest for that month of any year, statistics gathered by the department of the interior show. Although production reached a new high point, shipments were slightly lower than March, 1923, but are now increasing at rate nearly parallel with that year.

The output for the first quarter of 1924 shows an increase over the same period of 1923. In 1923 the figures were 26,080,000 barrels and in 1924, 27,746,000 barrels. Shipments for the first quarter of 1923 reached 22,044,000 barrels, while in the same period, 1924, they totaled only 20,138,000.

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The February imports this year were: 79824 barrels from Belgium; Denmark, 65,216; Norway, 17,223; other countries, 667 barrels. The imports were received in the following districts; Los Angeles, 66,467 barrels; Porto Rico, 65,216; Washington, 11,974; New York, 11,212, and other districts, 8061 barrels.

Production of cement in Washington, Oregon and Montana during March aggregated 257,000 barrels as compared with 234,000 barrels for the like month of 1923.

ARCHITECT SUES

Damages of $850 are asked in the Superior Court at Modesto by A. W. Cornelius, San Francisco architect, against C. H. Hansen and J. C. Buchen. The plaintiff alleges that four sets of copies of general plans of the Hotel Covell in Modesto were turned over to the defendants and that they refused to return them. The plaintiff alleges that he has been damaged to the extent of $350 and also asks $500 for the plans.

Building News Section

APARTMENTS

Plans Complete.
APARTMENTS Cost, $20,000
SAN FRANCISCO, W 9th Ave. 125 S Clement.
Three-story and basement frame (15) apartments.
Owner—Simon Fraser, 770 3rd Avenue, San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.

To Be Done By Day's Work.
APARTMENTS Cost, $12,000
SAN FRANCISCO, SE Francisco and Octavia Sts.
Two-story and basement frame (4) apartments.
Owner—Sbarbaro Detjen and Noonan, Chestnut and Octavia Sts., S. F.

Figures To Be Taken Next Week.
APARTMENTS Cost, $25,000
OAKLAND, Alameda Co., Cal., Excelsior Ave. near Lakeshore.
Three-story frame and stucco apt.
Owner—Withheld.
Architect — W. E Schirmer, Thayer Bldg., Oakland.

Plans Complete.
APARTMENTS Cost, $22,000
SAN FRANCISCO, E Valencia 30 S Duboce Ave.
Three-story and basement frame (11) apartments.
Owner—Gerhard Bruns, Burlingame.
Architect—G. A. Berger, 261 Valencia St., San Francisco.

Contract Awarded.
APT.-FLATS Cost, $14780
BERKELEY, Alameda Co. 1550-2-4-6 Grove Street.
Two-story 15-room frame apartment-flats.
Owner—R. J. Taber, 2031 Lincoln St., Berkeley.
Contractor—A. W Lukes, 1606 Oxford St., Berkeley.

All Bids Rejected — To Be Done By Day's Labor—Segregated Figures Being Taken By Owner.
APT. HOUSE Cost, $40,000
OAKLAND, 12th St., bet. Grove and Castro Sts., Oakland .
Three-story brick apt. house.
Owner — I. Mendelson, 892 54th St., Oakland.
Architect — Miller & Warnecke, Perry Bldg., Oakland.
Lawton & Vezey, 357 12th St., Oakland, submitted the lowest bid at approximately $32,000 for the general work. All bids on the sub contracts which amounted to $10,000, have been rejected.

Contract Awarded.
APARTMENTS Cost, $26,000
SA NFRANCISCO, E Webster 70 N Haight.
Two-story and basement frame (6) apartments.
Owner—Dr. L. M. Adams, 450 Geary St. San Francisco.
Contractor — E. Blackenburg, 3675 Jackson St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $11,000
OAKLAND, NE 15th St. 40 W 12th Ave.
Two-story 11-room apartments.
Owner—J. W. Armstrong 1528 12th Ave Oakland.
Architect—A. W. Smith.
Contractor — Beach & Hughes, 902 Washington St., Oakland.

Bids To Be Taken Next Week.
APTS. & STORE Cost, $17,000
SAN FRANCISCO, Bartlett Street.
Three-story and basement frame and stucco apartments (5 2 and 3-room apts. and stores).
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Figures To Be Taken Next Week.
APARTMENTS
SAN FRANCISCO, Corner Fulton and Pierce Streets.
Three-story frame apartments (12 3-room and 4-room apts.)
Owner—Mr. McCormack.
Architect—E. E. Young, 2002 California St., San Francisco.

Sub-Contracts Awarded.
APT. HOUSE Cost, $35,000
SAN FRANCISCO, Frederick & Willard Streets.
Three-story and basement frame and stucco apt. house.
Owner—Chas. Terranova, 180 Jessie St. San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.
Concrete work awarded to Standard Concrete Construction Co.
Mill work to Reinhart Lumber & Planing Mill Co., 17th & Kansas Sts., San Francisco.
Electrical work to Chas. W. Farrow, 1534 Eighth Ave., San Francisco.
Plumbing to Thos. Brodie, 2119 Fillmore St., San Francisco.
Steam heating to Reaves.

Bids Being Held Under Advisement.
APARTMENTS Cost, $30,000
SAN FRANCISCO, California St. near Fillmore.
Three-story and basement frame apts. (12 2-room apts.)
Owner—Mrs. M. Mahoney.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.
Bids are being taken for a general contract.

Plans Complete.
APARTMENTS Cost, $22,000
SAN FRANCISCO NE Filbert & Franklin Sts.
Three-story and basement frame (15) apartments.
Owner — P. Midburst, 529 Pierce St., San Francisco.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. **Fold-up-Dors,** Ti-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-slipping flooring. — Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET

Sutter 5907 San Francisco

Contract Awarded.
APARTMENTS Cost, $32,500
SAN FRANCISCO, S Sacramento 112-6 E Grant Avenue.
Three-story reinforced concrete stores and 14 apartments.
Owner—Kong Chow Friendly Society 520 Pine St., San Francisco.
Engineer—E. C. Curry, 54 Hazelwood Ave., San Francisco.
Contractor—H. L. Petersen, 35 Montgomery St., San Francisco.

Contract Awarded.
APT. BLDG. Cost, $14,282
SAN FRANCISCO, SE Parnassus Ave. and Willard 23-9 x 100-2 irregular.
Two-story and basement frame apartment bldg. and 2 garages.
Owner—Mrs. Emma McCabe, 555 Belvedere, San Francisco.
Architect—J. C. Hladik, 681 Market St. San Francisco.
Contractor—A. Hallgren, 311 Hayes St., San Francisco.

To Be Done By Day's Labor—Owners Taking Segregated Figures.
STORE & APT. Cost, $26,000
SAN JOSE, Santa Clara Co., Cal., The Alameda.
Two-story frame and stucco store and apt. bldg. (4 stores and 6 apts., asbestos roof, steam heating sys.)
Owner—Mr. Atlas.
Architect—Wolfe & Higgins, Anzerais Bldg., San Jose.

LOS ANGELES, Cal.—Stanton, Reed & Hibbard, 620 Metropolitan Bldg., L. A., are preparing plans for a class A store and apartment bldg. to be erected at n.e. cor. of Vine St. and Santa Monica Blvd. for Cornelius Cole. It will be 70x120 ft., reinf. concrete construction and six or eight stories in height.

LOS ANGELES, Cal.—Arthur T. Mayo 531 Black Bldg., has the contract to erect a class C store, apartment and garage bldg. at n.w. cor. of Vine and Eleanor Sts. for Seward Cole. E. B. Rust, 523 Black Bldg., L. A., is the architect. There will be a garage, 1-story, 65x110 ft., and a 3-story bldg. 45x110 ft. to contain 8 stores in the first story and 60 hotel rooms in the upper stories. Brick walls, press. brick, stucco and cast stone facing, plate glass windows, steel beams, comp. rfg., pine trim., tiled baths, steam htg.; $100,000.

POMONA, L. A, Co., Cal.—Archt. S. Charles Lee, 329 Douglas Bldg., is preparing plans for a 125-room hotel, apt bldg. to be erected at n.e. cor. Holt and Towne Aves., for the Pomona Community Hotel Co. There will be 20 single and double apts., large lobby and dining room. Three-story, 145x235 ft., brick and stone constr., tile rfg., tiled bathrms., hardwd. and pine fls., and trim, elevators, wrought iron stairs; $250,000.

SANTA ANA, Orange Co., Cal.—The Concrete Constr. Co. (A. B. House and J. A. Graham), (Tel. 513W), Santa Ana has the contract to erect the $800,000 9-story reinf. conc. own-your-own apt. bldg. at n.w. cor. n Main and Washington Sts., Santa Ana, for Xenia Y. Ayers and Roy W. Townsend, props. R. W. Townsend Motor Co., Hudson and Essex agents. W. Horace Austin, 521 Pac. Southwest Bldg., Long Beach, architect. Found. and full basement, 75 by 192 ft., entire first floor for auto display and storage rms., repair garage in rear; 105 apts. in 1, 2 and 3-rm. suites; kitchen, dining rm., ballroom, sun parlor and reading rm. in roof garden section; steam heat, hot water system, ice water system, refrigeration plant, mahogany trim, portable kitchen cabinets, one automatic and one manual elevator.

LOS ANGELES, Cal.—Chas. W. Kreis & Son, 1410 Sunset Blvd., has completed preliminary plans for a studio apartment and store bldg. to be erected at n.w. cor. 7th St. and Bixel St. for Roy See; it will have 7 stores and 13 large apartments. Brick walls, 2-story, 100x120 ft., tile rfg., plaster exter., tiled baths and drainbds., gas rads., aut. water htrs., pine trim, wall beds, plate glass, balcony, large court, cement and hardw. fls.

PASADENA, L. A. Co., Cal.—Postle Co., archts. and engrs., 631 Van Nuys Bldg., L. A., have completed plans for the altering of a 6-story hotel bldg. into an apt. bldg. at cor. Dayton St. and Raymond Ave., Pasadena, for the Green Hotel Corp.; it will have about 52 rms., divided into single, double and bachelor apts. The bldg. is 6-story and basement, conc. fl. and rf. constr., 50 by 212 ft., brick filler walls, plaster exter. and the work will consist of new steam htg. system, also gas htg., using Ray-glo fireplaces and gas steam rads., tiled baths and drainbds., pine trim, elec wiring, plumbing, new fire escapes, painting and decorating, cem. fls., wall beds, individual mech. refrig system, ornam. iron work, etc. Scofield Engr. & Constr. Co., Pac. Finance Bldg. has the contract on a percentage basis

LOS ANGELES, Los Angeles Co., Cal.—Kenneth Albright, 6526 Hollywood Blvd., Los Angeles, is preparing preliminary sketches for a 2-story class C store and apt. bldg. to be erected on Santa Monica Blvd. for a client, name withheld. Ten stores, 30 apts., stucco exterior, comp. rf., hardwd. floors, tile baths, steam heating, ice water system, hot water system, refrigeration plant.

BONDS

OROVILLE, Butte Co., Cal—The $52,000 bond issue voted March 7 to finance school improvements has been declared invalid and another election will be called.

RIVERDALE, Fresno Co., Cal.—May 9 is date set in Riverdale Grammar School District to vote bonds of $38,000 to finance erection of new grammar school.

RED BLUFF, Tehama Co., Cal. — City votes down proposal to issue bonds of $10,000 to finance construction of municipal bath house.

LOS ANGELES, Cal.—County supervisors sold at the regular meeting Apr. 14 the $650,000 bonds of the Compton school district to Hunter-Dulin Co., et al., and the $100,000 Culver City school bond issue to the Cal. Securities Company.

STOCKTON, San Joaquin Co., Cal.—Until May 5 bids will be rec. by county supervisors for the purchase of the $11,000 bond issue of the Montezuma School District; proceeds of sale to finance school improvements.

PINEDALE, Fresno Co., Cal.—Pinedale School District votes bonds of $28,000 to finance erection of new school building.

EVERETT, Wash.—Election will be held shortly to vote bonds of $300,000 to finance erection of $300,000 junior high school; to contain approx. 40 classrooms, auditorium and gymnasium about 3 stories in height.

LA VERNE, Cal—The $60,000 sewage disposal bond issue carried at the recent election.

FRESNO, Fresno Co., Cal.—Until May 6 bids will be rec. by county supervisors for purchase of $28,000 bond issue of Riverside school district, proceeds of sale to finance school improvements.

FRESNO, Fresno Co., Cal. — County supervisors sell $21,000 bond issue of Figarden School District; proceeds will finance erection of new school.

BAKERSFIELD, Kern Co., Cal. — County supervisors sell $28,000 bond issue of Richland School District; proceeds of sale will finance school improvements.

CHURCHES

Completing Plans.
CHURCH Cost, $300,000
SEATTLE, Washington.
Class A structural steel, brick & stone church building for the parish of the Blessed Sacrament.
Owner—Dominican Fathers, (Rev. A. L. McMahon, Provincial, 2390 Bush St., San Francisco.
Architect—Beezer Bros., 1915 Steiner St., San Francisco.

Contract Awarded.
CHURCH Cost, $22,700
SAN FRANCISCO, 25th St. and Potrero Avenue.
Frame and stucco church.
Owner—Good Samaritan Church.
Architect—Lewis P. Hobart, Crocker Blg., San Francisco.
Contractor — Chas. Stockholm & Son, Monadnock Bldg., San Francisco.
Painting awarded to Conrad Sovig 5514 Geary St., San Francisco.
Lighting fixtures to Thomas Day & Co. 725 Mission St., S. F.

Plans Being Prepared.
CHURCH BLDGS. Cost, $250,000
BERKELEY, Alameda Co., Cal.
Group of class C church bldgs. including auditorium, chapel and north and south wings.
Owner—First Congregational Church, Dana and Durant Sts., Berkeley.
Architect — Horace G. Simpson, Call Bldg., San Francisco.

Contract Awarded.
ADDITION Cost, $11,617
SACRAMENTO, 2220 K, Sacramento.
Addition.
Owner—Christian Science Church, 2220 K Sacramento.
Contractor—H. A. Hendren, 3125 Donner Way, Sacramento.

Contract Awarded.
CHURCH Cost, $22,700
SAN FRANCISCO, W Potrero Ave. 175 N 25.
One-story and basement frame church.
Owner—Protestant Episcopal Bishop of California (a corporation Sole) 1215 Sacramento St., S. F.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor—Chas. Stockholm & Sons, 849 Monadnock Bldg., San Francisco.

To Be Done By Day's Labor.
CONVENT Cost, $15,000
SAN FRANCISCO, N Haight St. 60 W Laguna.
Two-story and basement frame convent
Owner—Sisters of the Society of Helpers, 204 Haight St., San Francisco.
Architect—Smith O'Brien, 742 Market St., San Francisco.

HANFORD, Kings Co., Cal.—Archt. J. H. Wythe of Oakland, has completed plans for a Mission style church bldg., 32x58 ft., to be erected at n.w. cor. N Irwin and W 9th Sts., for the First Methodist church. The bldg. will contain three units—devotional, educational and recreational. Cost, $70,000.

PASADENA, L. A. Co., Cal.—Archt. Carleton M. Winslow, 921 Van Nuys Bldg., L. A., has completed plans for a new church bldg. to be erected at Pasadena for the First Baptist Church of Pasadena; it will have an auditorium to seat 1500 people, Sunday school assembly room, banquet hall, classrms and recreation center. Plaster exter., conc. and brick constr., cast stone trim, clay tile rfg., hardw. and pine trim, hardw. tile and cement fls., basement, art and stained glass, pipe organ; $400,000.

MONROVIA, L. A. Co., Cal. — Rev. James Small of the local Christian church states that sketches have been prepared by Archt. A. Frank Wickles of St. Louis for a new church bldg. to be erected on the site of the present bldg. It will seat about 650 and cost $54,000.

FACTORIES AND WAREHOUSES

Contract Awarded.
NEWSPAPER BLDG. Cost, $8000
RICHMOND, 2nd and MacDonald Aves.
One and 2-story brick printing and newspaper building.
Owner—F. A. Muller, Richmond.
Architect — James Narbett, 910 MacDonald Ave., Richmond.
Contractor—Carl Overaa, Richmond.

Contract Awarded.
PRINTING SHOP Cost, $16,500
SAN FRANCISCO, N Brannan 35 W Zoe
One-story and basement brick printing shop.
Owner—H. Poehlman, care architects.
Architect — O'Brien Bros., Inc., 315 Montgomery St., San Francisco.
Contractor—Vukicevich & Bagge, 815 Bryant St., San Francisco.

Plans To Be Prepared.
FACTORY ETC. Cost, $35,000
RIPON, San Joaquin Co., Cal.
One-story frame factory building and one-story brick boiler house.
Owner—Meyenberg Evaporated Milk Co., 1 Drumm St., San Francisco.
Architect—Not selected.
The same concern is planning the erection of another plant in the San Joaquin Valley in the near future.

Contract Awarded.
LAUNDRY BLDG. Cost, $100,000
SAN FRANCISCO, 18th & Alabama Sts.
Two-story and basement class C reinf. concrete laundry bldg. 200x200, a 1 & 2-sto extension to be 40x100 ft.
Owner—Independent Laundry.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—Petersen & Pearson, 180 Jessie St., San Francisco.

PORTLAND, Ore.—Archts. Sutton & Whitney, Lewis Bldg., Portland, preparing plans for 7-story and basement reinforced concrete warehouse and storage building to be erected for Mrs. Fannie Frank and to be leased to the Wilhelm Company. Will he 100 by 200 ft., erected in Irving St., bet. 13th and 14th Sts., est. cost $300,000.

BAKERSFIELD, Kern Co., Cal.—San Joaquin Cotton Oil Co., capitalized at $100,000, of which $80,000 is subscribed, will start construction at once of a plant for the manufacture of cotton seed oil. Officers of the company are. Stanley R. Pratt, president and general manager; P. A. Williams, secretary-treasurer and superintendent of plant operation. Approx. $60,000 will be expended in the first unit of the plant.

FULLERTON, Orange Co., Cal. — Western Glass Co. has secured an additional permit for a $2700 office bldg. to be constructed on the site of the $100,000 plant, permit for which was taken out some time ago. The union Iron Works of Los Angeles has the contract for the latter. The total cost of the plant will probably run $200,000 as supplementary bldgs. are put up from time to time.

BURBANK, L. A. Co., Cal. — Chas. Johns, of Chicago, is in Burbank seeking a site for a sheet metal plant which he proposes to establish here. The plant will manufacture sheet metal and will include melting and rolling mill. He is conferring with Mr. Davies of the Tak, Trade & Travel Co. regarding location.

PORTLAND, Ore. — Archts. Houghtaling & Dougan, Gearing Bldg., taking bids for two-story concrete 134x200 ft. freight terminal to be erected in Water St., for the Auto Freight Transfer Association of Oregon and Washington. Plans have been prepared for a 4-story structure, but only two stories will be erected at this time.

SAN DIEGO, San Diego Co., Cal.—R. A. Jackson has the general contract at $143,000 for erecting a reinf. conc. warehouse for F. & W. Thum Co. It will be leased to Pioneer Truck Co. Reed Bros. have the plumbing contract at $4000 and Llewellyn Iron Works will install the elevator work. Plans by Stanton, Reed & Hibbard, Metropolitan Bldg., L. A.

LOS ANGELES, Cal.—Pacific Ready-Cut Homes Inc., 1330 S Hill St., are having plans prepared for a 2-story mill bldg. to be erected at Slauson and Boyle Aves. Two-story, 110x240 ft, frame constr., comp. rfg., metal skylights, cem. and wood fls., electric hoist.

SEATTLE, Wash.—A. W. Quist Co., Hoge Bldg., Seattle, at approx. $500,000 awarded contract by American Can Co., to erect 5-story steel and concrete annex, 140 by 320 ft., to present factory buildings at Clay and Vine streets. Plans were prepared in the New York office of the American Can Co.

MESA, Maricopa Co., Arizona.—Independent Cotton and Oil Co. has acquired the Attaway-Phelps and Attaway-Owens ginning interests, and will erect a cotton oil mill in Mesa, at an est. cost of $1,000,000. Will T. Owens, El Paso ,president.
(50580) 4

FLATS

Figures To Be Taken Next Week.
FLAT BLDG. Cost, $9000
SAN FRANCISCO, California St. near 5th Ave.
Two-story frame flat building (2 flats of 4-rooms each).
Owner—Mrs. Leo Brunner.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Figures To Be Taken Next Week.
FLATS Cost, $20,000
SAN FRANCISCO, N S of Washington St. 100 west of Franklin.
Two-story frame flat bldg (3 flats of 5 rooms and 2 baths each).
Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Figures Being Taken.
FLAT BLDG. Cost, $11,000
SAN FRANCISCO, SW Cor. Precita and Treat Aves.
Two-story and basement frame and stucco flat bldg. (4 flats of 3 and 4 rooms each).
Owner—A. M. Smith, 342 Precita Ave., San Francisco.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Contract Awarded.
FLATS Cost, $17,500
SAN FRANCISCO, W 14th Ave. 100 N California.
Two-story and basement frame (2) flats.
Owner—H. H. & M. F. Katz.
Architect—Mel I. Schwartz, Nevada Bk. Bldg., San Francisco.
Contractor—J. S. Malloch, 180 Jessie St., San Francisco.

To Be Done By Day's Work.
FLAT BLDGS Cost, $8000 each
SAN FRANCISCO, E Funston Ave. 150 175 200 & 225 S Judah.
Four 2-story and basement frame flat buildings (2 flats each).
Owner—Dahlberg & Peterson 1560 10th Ave., San Francisco.

Contract Awarded.
FLATS Cost, $13,000
SAN FRANCISCO, 1201 Willard St.
Remodel residence for 3 flats.
Owner—Mrs. E. Mooy, 1201 Willard St. San Francisco.
Contractor—Jack Callaghan, 900 Clayton St., San Francisco.

To Be Done By Day's Work.
FLATS Cost, $—
SAN FRANCISCO, E Octavia 26 S Francisco.
Two-story & basement frame (2) flats.
Owner — Sbarbaro Detjen & Noonan, Chestnut and Octavia Sts., San Francisco.

Bids To Be Taken Next Week.
FLATS Cost, $12,000
SAN FRANCISCO, Clay St.
Two-story and basement frame and stucco flats (2 6-room flats).
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

GARAGES

Sub-Bids Being Taken—To Be Done By day labor.
REPAIR SHOP Cost, $20,000
SAN FRANCISCO, W 7th St., 150 S Howard.
One-story brick auto repair shop.
Owner—H. E. Holmes, 774 Folsom St., San Francisco.
Architect—P. Righetti, 12 Geary St., San Francisco.

Contract Awarded.
GARAGE Cost, $13,600
OAKLAND, E Broadway 99 N Ridgeway.
One-story brick garage.
Owner—Dr. M. Elgarten, 345 Hanover Oakland.
Contractor—A. Ortzoro, 3929 West St., Oakland.

GOVERNMENT WORK AND SUPPLIES

Plans Being Figured.
VAULT Cost, $4000
SAN FRANCISCO COUNTY, Angel Island.
Fireproof concrete vault with steel doors in administration bldg., Angel Island.
Owner—U. S. Government.
Architect—W. A. Newman, Post Office Bldg., San Francisco.

DEL MONTE, Monterey Co., Cal.—The Office Constructing Quartermaster, Fort Mason, Cal. opened bids on April 17, 1924, for storehouse and mess hall shelters for summer training camp at Del Monte, Calif. The following is a list of three lowest;
W. P. Sweeney, 410 17th St. Pacific Grove $5206
F. H. Hook & Son 5951
J. C. Anthony 6122

POINT VICENTE, Cal.—Until May 22 2 p. m., bids will be rec. by Superintendent of Light Houses, San Francisco to construct three frame dwellings and fog signal building at Point Vicente.

LIVERMORE, Alameda Co., Cal.—Vulcan Iron Works, Francisco and Kearny Sts., San Francisco, at $11,300 awarded contract by Veterans' Bureau, Washington, D. C., to fur. and install ice making and refrigerating plant in Veterans' Hospital at Livermore.

DURO
California Cedar Products Co.

All-Key Plaster Lath
(Patented)
100% Mechanical Key.

Plaster Wall Board
(Patent applied for)
The Last Word in Wall Board.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

WASHINGTON, D. C.—Until May 5, 10:30 a. m., bids will be rec. by Purchasing Agent, Panama Canal, under Circular No. 1604, to fur. Balboa, (Pacific Port): Motors, voltmeters, porcelain insulators, lighting fixtures, tumbler switches, wire, telephone cords, wire cloth, poultry netting, chain shackles, packing (rubber, asbestos & flax), leather belting, belt lacing, tarboard filing boxes, fuel and lubricating oil, and cedar and redwood lumber. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

SAN FRANCISCO—Until May 1, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5283-569 to fur. Rio Vista, Solano county: 50 flashlight batteries, Everready No. 705; 100 Ferrule type, renewable links, 250 V 40 amp.; 100 Ferrule type, renewable links, 250 V 15 amp.; 100 Ferrule type, renewable links, 250 V 10 amp.; 6 marine electric plugs similar to No. 227g; 3 globes for No. 6842 portable light holder.

SAN FRANCISCO—Until April 30, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order Vista, Solano county, miscellaneous hardware and supplies.

SAN FRANCISCO—Alfred H. Vogt, 185 Stevenson St., at $2320, time for completion 80 days, awarded contract by Supervising Architect, Washington, D. C., for miscellaneous changes and painting, etc., in postoffice building.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, to fur. and del materials to Navy Yards, as follows; date for opening bids as noted at close of each paragraph:

Schedule 2087, for San Diego, 200,000 ft. reinforced steel box straps; for San Diego, 50,000 ft. twisted wire box straps, April 29.

Schedule 2090, for eastern and western yards, approximately 325,000 feet white pine, May 6.

Schedule 2093, for Mare Island, 600 gallon insulating varnish, April 29.

SAN DIEGO, Calif.—Gilmore Oil Co., San Diego, at $14,017.44 (under Specification No. 4961, awarded contract by Bureau of Yards and Docks, Navy Department, to improve parade grounds at San Diego; time for completion 60 days.

HALLS AND SOCIETY BUILDINGS

Contract To Be Awarded.
LODGE BLDG., ETC. Cost, $59,513
VALLEJO, Solano Co., Cal., Georgia St. bet. Sonoma and Marin St.
Three-story reinforced concrete store, lodge and office building.
Owner—Vallejo Lodge of Redmen.
Architect—Clay N. Burrell, American Bank Bldg., Oakland.
Contractor—Barenchi & Paganni, 327 Georgia St., Vallejo.
NOTE—Contract will be signed next week.

Figures To Be Taken Next Week.
FRATERNITY HOUSE Cost, $30,000
BERKELEY, Alameda Co., Cal., Euclid Ave., bet. Le Conte and Virginia.
Two-story and basement frame and stucco fraternity house.
Owner—Del Rey Fraternity.
Architect—Masten & Hurd, 278 Post St. San Francisco.

Bids To Be Taken This Week.
CLUB BLDG. Cost, $200,000
SAN FRANCISCO, Lakeside Golf Links
Two-story frame and stucco Spanish style club bldg. (clubrooms, living rooms, lockers, swimming tank, etc.)
Owner—Olympic Club.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
(42729) 1st report June 23, 1923; 4th

Segregated Figures Being Taken.
BUILDING Cost, $75,000
BERKELEY, N S of Bancroft Way about 100 E of Shattuck Ave.
Three-story reinforced concrete and steel building adjacent to the present Masonic Temple.
Owner — Berkeley Masonic Temple, Bancroft Way, Berkeley.
Architect — James W. Plachek, 2014 Shattuck, Berkeley.

Figures To Be Taken Shortly.
MEMORIAL BLDG. Cost, $30,000
MARTINEZ, Contra Costa Co., Cal.
Two-story hollow tile Memorial building.
Owner—Contra Costa Co.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

Low Bidders.
OLD PEOPLE'S HOME Cost, $—
TURLOCK, Stanislaus Co., Cal.
Brick or reinforced concrete (1st unit) Old People's Home.
Owner—Swedish Evangelical Missionary Society of California.
Architect—G. N. Hilburn, Sierra Bldg., Turlock, Cal.
General contract awarded to Hillberg & Wallstrom, Turlock, at approx. $20,000.
Electric work to C. P. R. Electric Co., Turlock, at $1500.
Plumbing to Ed Wolf, Turlock, $2650.
Bids will be awarded April 29th.

ORANGE, Orange Co., Cal.—Archt. H. Newton Thornton, Hill Bldg., Santa Ana, is preparing plans for a 3-story brick lodge bldg. to be erected at the cor. of Chapman Ave. and Orange St. for the I. O. O. F. Approx. cost, $100,000. Bids will be called early next fall. The bldg. assn. members are: K. E. Watson, John Lee, L. E. Smith, F. B. Dale, W. W. Perry, C. A. Palmer and J. W. Hildreth. Present plans include stores on the ground floor.

Figures To Be Taken Shortly.
MEMORIAL BLDG. Cost, $18,000
WALNUT CREEK, Contra Costa Co.
Hollow tile Memorial building.
Owner—Contra Costa County.
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.

SACRAMENTO, Sacramento Co., Cal. The following bids were received on April 17th by H. G. Denton, clerk of the City of Sacramento, for the erection of a club house in South Side Park Plans were prepared by Architect Dean and Dean, Calif. State Life Bldg., Sacramento. Bids were taken under advisement for a week.

Fred Betz, Ochsner Bldg., Sacramento	$9110
Herndon & Finnigan	9200
John T. Hunt	9414
Holdener Construction Co.	9585
Chas. S. Mahey	9937
Chas. Peterson	9998
J. E. Lunn	9998
H. S. Holt	10,101
Sutter Bros.	10,490
C. J. Hopkinson	11,200
Geo. D. Hudnut	12,250

FRESNO, Fresno Co., Cal.—Preliminary details are being completed by the Eagles Building Association, Carl Yurk secretary; (Fraternal Order of Eagles), for the proposed new lodge building to be erected on site already purchased at M and Fresno streets. Two plans are contemplated, one to erect 3-story structure costing $100,000 to house stores on the ground floor, the upper floors to be used exclusively by the order. A second plan proposes a five-story structure with stores on the ground floor, lodge and club rooms on the 4th and 5th floors, the other two floors to be leased for apartments or offices. The latter structure would cost $250,000.

CHICO, Butte Co., Cal.—Chico Golf Club contemplates erection of a new clubhouse and the construction of a 18-hole golf course. A club house costing $10,000 is planned. Funds will probably be raised by popular subscription.

HOSPITALS

SAN FRANCISCO—Until April 30, 3 p. m., bids will be rec. by Board of Public Works to reconstruct Ward "R" of the San Francisco hospital for a Psychopatic ward. Est. cost $6000. Plans and specifications obtainable from Bureau of Architecture, 2nd floor, City Hall.

SAN DIEGO, San Diego Co., Cal. — Radford Bldg. Co. has completed plans for 2-story and part 3-story modern hospital bldg. to be erected at Park Blvd. and Cypress St. for the McCullough Hospital Co. Est. cost $125,000. Work is to be started about May 1.

TALMAGE, Mendocino Co., Cal.—Until May 20, 12 M. bids will be received by State Department of Public Works, Division of Architecture, for general work in connection with Receiving Building at Mendocino State Hospital at Talmage, near Ukiah.

Separate bids, same date, for mechanical work in connection with same project.

Geo. B. McDougall is state architect. **See call for bids under official proposal section in this issue.**

LIVERMORE, Alameda Co., Cal.—See "Government Work and Supplies," this issue.

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

CLAWSON PATENT CHIMNEY CO.
CLAWSON'S PATENT CHIMNEY is the Most Complete on the Market
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Experts in Curing Smoky Flues and in Ventilating
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Phone Mission 2607
Res. Phone Mission 5228
Fire Protection Products Co
FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
Ornamental Entrances
Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

REDDING, Shasta Co., Cal. — Until May 7, 10 a. m., bids will be rec. by S. N. Witherow, county clerk, for approx. 1900 sq. yds. of plastering for custodian wards at county hospital and approx 1900 sq. yds. of plastering in the same structure including the removal of old plaster and wainscoting. Cert. check 10% payable to county req. Specifications on file in office of clerk.

EUREKA, Humboldt Co., Cal.—McConnaha Bros., Eureka, at $3.50 per M awarded cont. by county supervisors to shingles for county hospital repairs. Huber Bros. bid $3.75 and Peterson and McCann $.450.

Smith Bros., of Eureka, at $3 per M awarded contract to place shingles on structure. Peterson and McCann bid $6.75 per M.

HOTELS

Bids Being Taken—Bids Close May 19, 1924.

HOTEL Cost, $300,000

MARYSVILLE, Yuba Co., Cal., Fifth and E Sts., 163x119-8.

Five-story reinforced concrete hotel 141 rooms, 11 sample rooms and 80% baths (pressed brick).

Owner—Marysville Hotel Co.

Architect — Edward Glass, Underwood Bldg., San Francisco.

Bids are to be taken from a selected list of contractors furnished by the owner.

LOS ANGELES, Cal.—Financial arrangements are being completed for the erection of a class A hotel bldg. on a 4-acre tract at Hollywood Blvd. and Gower St. for the Davenport Corp. The contract for erecting the bldg. has been awarded to the Foundation Co., Lankershim Bldg. The bldg. will be 12-story, built in four wings, and will contain about 1000 hotel rooms, shops, theater, dining room to seat 2000 people. It will be of reinforced concrete constructed and will cost approximately $4,000,000.

SANTA MONICA, L. A. Co., Cal.—N. A. Gandy has announced his plans to erect a 3-story brick store, office and hotel bldg., 150x150 ft., at n.e. corner Third and Utah Sts. Brick constr. with light pressed brick facing. The hotel will contain about 50 rooms; est. cost, $200,000. Associated with Mr. Gandy are R. P. Davis, E. E. McIntyre, V. W. Vallat and Dr. F. J. Wagner.

TIJUANA, Mex.—Archt. I. E. Loveless, San Diego, has completed preliminary plans for a class A hotel bldg. to be erected near Old Town, Tijuana, Mex. for R. W. Foster Co., Spreckels Bldg., San Diego; it will have 100 guest rooms, dining room, kitchen, casino, large bar, turkish baths, lobby, etc. Reinf. conc. constr., 2-story and basement, tile and comp. rfg., ventilating sys., probably steam htg. sys.; there will also be a class A garage and service station and bldg. for the heating and ventilating sys. The contract has been awarded to the Plaza California Constr. Co., San Diego.

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ICE AND COLD STORAGE PLANTS

LIVERMORE, Alameda Co., Cal.—See "Government Work and Supplies," this issue.

POWER PLANTS

TURLOCK, Stanislaus Co., Cal. — Following contracts awarded cy Turlock Irrigation District:

3000 k.w. generator, $24,725; 400 k.w. generator, $11,200; switchboard and equipment, $2500; awarded to Allis-Chalmers Co., Milwaukee.

3300 vertical turbine wheel, 115 ft. head, $13,665 and 1000 k.w. horizontal turbine wheel with 115-ft. head, $11,805 awarded to Morgan Smith Co., York, Penn.

Two Penstocks to Western Pipe and Steel Co., San Francisco, at $7c lb.

PHOENIX, Ariz.—See "Reservoirs & Dams," this issue.

OLYMPIA, Wash. — Northwestern Power and Manufacturing Co., Port Angeles, Wash., granted permit by Marvin Chase, state supervisor of hydraulics, to appropriate 1300 cu. ft. of water a second from Elwha river in Clallam county for utilization in a hydro-electric plant; est. cost $1,600,000 and development 20,000 h.p. Work is to commence Jan. 1, 1925. Conc. dam 15-ft. high and 180-ft. long will impound water to be lead over a 170-ft. fall to the power plant. E. W. Wells is vice president of the company.

PUBLIC BUILDINGS

SALINAS, Monterey Co., Cal.—Until May 5, 2 p. m., bids will be rec. by **T. P.** Joy, county clerk, to fur. (1) steel furniture and filing equipment; (2) fire proof safe, for installation in county courthouse. **See call for bids under official proposal section in this issue.**

STOCKTON, San Joaquin Co., Cal.—Until May 5, 5 p. m., bids will be rec. by A. L. Banks, city clerk, to erect two story brick firehouse in Lots 29 and 31, Block 10, Villa Addition. Cert. check 10% payable to City Auditor req. Plans obtainable from city clerk.

STOCKTON, San Joaquin Co., Cal.—Until May 7, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to furnish and install wrought iron metal fire escape balconies and ladders on north and south sides of county courthouse. Ralph P. Morrell, architect. Cert. check 10% payable to Chairman of Bd. of Sups req. Plans obtainable from clk on deposit of $10, returnable. **See call for bids under official proposal section in this issue.**

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SAN FRANCISCO
LOS ANGELES

SAN FRANCISCO—Henry J. Mahony Flood Bldg., at $26,155 awarded cont. by Board of Public Works to complete 2 floors and basement of building in Mint Ave., bet. 5th and 6th Sts., to be used for fire department station and headquarters for the Assistant Fire Chief. Other contracts awarded in connection with the project are:

I. Flatland, electric work, $3100.

F. J. Edwards, hot water heating at $3177.

A. Lettich, plumbing, $5238.

SAN FRANCISCO—Until April 30, 3 p. m., bids will be rec. by Board of Public Works to install inter-communicating phone system in Municipal Auditorium; est. cost $800. Plans and specifications obtainable from Bureau of Architecture, 2nd floor, City Hall.

LOS ANGELES, Cal.—The municipal construction department, Exposition Park, has completed plans for a fire signal station to be erected on 6th St. between Alvarado St. and Parkview Ave. for the city. It will be 3-story 50x100 ft., brick and reinf. conc. construction, tile and comp rfg., and will cost $65,000. Work will be done by the day and subcontract. The city will advertise for bids on material and subcontracts.

SAN FRANCISCO — Following is a complete list of bids rec. by Board of Public Works to complete two floors and basement of building in Mint Ave. bet. 5th and 6th Sts., for headquarters for the assistant fire chief and truck station.

General Contract

Henry J. Mahony, Flood Bldg. (low)	$26,155
Beck & Kohn	29,216
Reilly & Nemetz	30,968
O. Monson	28,726
A. H. Vogt	30,844
Carl H. Peterson	26,960
Cochrane-Boehm Co.	31,327
Anderson & Ringrose	30,167
Elliott and Grant	29,173

Electric Work

L. Flatland, 1959 Mission St (low)	$3100
Dowd-Seid Elec. Co.	3766
Radelfinger Bros.	3150
Standard Elec. Co.	4230
Turner Co.	3580
Butte El. Equip. Co.	3790

Hot Water Heating

F. J. Edwards, 351 12th St., Oakland, (low)	3177
P. J. Enright	3400
Knittle Cashel Co.	3590
J. E. O'Mara	3188
Sugarman Heating Co.	3512
Turner Co.	3480
A. Lettich	3704

Plumbing

A. Lettich, 365 Fell St. (low)	$5238
J. E. O'Mara	5300
Turner Co.	5820

HANFORD, Kings Co., Cal.—Coates & Traver, Fresno, have been commissioned to prepare plans and spec. for the new municipal auditorium and to supervise the construction. The cost must not exceed $115,000. Plans will be ready in about 60 days, when bids will be advertised. The bond issue was for $190,000, of which $75,000 was expended for the site, and the balance for the bldg. The sum of $25,000 which the city recd. from the sale of school property will be used to furnish and equip the bldg. Archt. W. D. Coates conducted negotiations for the firm.

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
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SACRAMENTO, Cal.—Until April 24, 9:15 p. m., bids will be rec. by H. G. Denton, city clerk, to lay and finish hardwood floors in first and second floors of Crocker Art Gallery Annex. Cert. check 10% payable to City Controller req. Plans obtainable from city clerk.

LOS ANGELES, Cal. — Bertram G. Goodhue, 2 W 45th St., New York City and Carleton M. Winslow, 921 Van Nuys Bldg., L. A., assoc archts., are completing plans for the new central library bldg., to be erected in the block bounded by 5th St., Flower St., Grand Ave, and 6th St., for the Public Library of Los Angeles; it will contain main lobby, rotunda 60 ft. high, fiction rms., study rms., science and industry rms., kitchen and dining rm., stack rms., map rms., children's and teacher's dept., art and music rms., locker rms., storage rms., bindery, carpenter shop, paint and repair rms., large assembly hall and various assembly rms., reference rms., general offices and general offices for branch library dept., boiler rm. There will be space used for storage which will later be used for enlargement. Reinf. conc. constr., 240 by 280 ft. with wing 90x120 ft., 4-story and mezzanine fl. and tower, part subbasement and basement, plaster, terra cotta and stone exter., tile, comp. and copper rfg., steam htg. system, 2 elec. passenger, 1 elec. freight and 4 elec. book elevators, steel sash, plate glass, metal skylights, conc., maple, tile and marble fls. marble and tile walls and wainscoting, ventilating system, bronze doors, stone coping, fuel oil tanks, linoleum fls., fire hose and cabinets, glazed terra cotta partitions, wrought iron stair rails and balustrades, marble statuary; $1,500,000. Plans will be ready for bids about May 15th.

LOS ANGELES, Cal. — Clinton Construction co., 241 Stock Exchange Bldg. has signed the general contract at $856,000 for erecting the new Hall of Justice bldg. at Temple St. and Broadway for L. A. county. Clinton Construction Co. had asked to be released from the contract on account of an error of $200,000 in its bid, but the board of supervisors, having awarded the contract, decided it could not rescind its action. Work will be started at once. The general contract includes reinforced concrete work, brick work, fireproofing, hollow tile partitions, vault work, etc.

NAPA, Napa Co., Cal.—City council, H. H. Thompson, clerk, has purchased site in Brown st. adjoining city hall and plans early construction of central police headquarters.

RESIDENCES

Sub-Contracts Awarded.
RESIDENCE Cost, $25,000
SAN FRANCISCO, W Octavia St. 84 S Jackson.
Two-story and basement frame residence.
Owner—F. R. Grannis, 2450 Steiner St. San Francisco.
Architect—Edw. E. Young, 2002 California St., San Francisco.
Concrete awarded to D. Seghiere & Co., 35 Cook St., San Francisco.
Mill work to California Mill Co., 645 Bryant St., San Francisco.

Preliminary Plans Being Prepared.
RESIDENCE Cost, $20,000
SACRAMENTO, 45th St.
Two-story and basement brick residence.
Owner—Councilman Royal Miller.
Architect—Dean & Dean, Calif. State Life Bldg., Sacramento.

Contractor Taking Sub-Figures.
RESIDENCE Cost, $8490
SAN FRANCISCO, St. Francis Wood.
One-story and basement frame and stucco residence with shingle roof.
Owner—Mrs. O. D. Short.
Architect—Masten & Hurd, 278 Post St, San Francisco.
Contractors — Moore & Madsen, 77 O'Farrell St., San Francisco.

Plans Complete.
HOUSE Cost, $16,000
LAKE TAHOE, Placer Co., Cal.
Two-story frame and stucco country house.
Owner—Walter S. Heller.
Architect—Joseph J. Rankin, Room 610 57 Post St., San Francisco .

Plans Being Prepared.
RESIDENCE Cost, $16,000
SAN FRANCISCO, St. Francis Wood.
Two-story frame and stucco residence and garage.
Owner—H. S. Haines.
Architect—Joseph J. Rankin, 57 Post St., San Francisco.

Contractors Want Sub-Bids.
RESIDENCE Cost, $15,469
SAN FRANCISCO, S Washington St., near Cherry.
Two-story and basement frame residence.
Owner—Theresa E. Bauer, 3870 Clay St., San Francisco.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.
Contractor—Moore & Madsen, 77 O'Farrell St., San Francisco.

Preliminary Plans To Be Prepared.
RESIDENCES Cost, $25,000 each
SAN FRANCISCO, SW Corner Jackson and Octavia.
Two 10-room frame and stucco residences with tile roofs.
Owner—F. R. Grannis, 2450 Steiner St., San Francisco.
Architect—Edw. Young, 2002 California St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $13,000
SAN FRANCISCO, Hernandez St., Forest Hill.
One-story 7-room frame and cement residence and garage.
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Contract Awarded.
DWELLING Cost, $11,776
ALAMEDA, N Side Bay bet. San Antonio and Central
Two-story 7-room dwelling.
Owner—L. J. Ressman, 835 Oak St., Alameda.
Contractor—W. A. Lewis, 11-12 Bacon Bldg., Oakland.

POINT VICENTE, Cal.—See "Government Work and Supplies," this issue. Dwellings and fog signal building.

Contract Awarded.
RESIDENCE Cost, $15,469
SAN FRANCISCO, S Washington St. near Cherry.
Two-story and basement frame residence.
Owner—Theresa E. Bauer, 3870 Clay St., San Francisco.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.
Contractor—Moore & Madsen 77 O'Farrell St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $6625
SAN JOSE, Santa Clara Co., Cal., Morrison Ave.
One-story 5-room frame and stucco residence.
Owner—Mrs. Lena Pollard.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor — Howard Waltz, 132 Balbach, San Jose.

Contract Awarded.
RESIDENCE Cost, $9700
SAN JOSE, Santa Clara Co., Cal., Evergreen.
One-story frame and stucco residence with tile roof (8 rooms).
Owner—P. L. Mirassou.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—Anderson & Dias, San Jose General contract includes all work except lumber and electrical work.

Bids To Be Opened Next Week.
RESIDENCE Cost, $14,000
SAN FRANCISCO, Balboa Park.
Two-story 8-room frame and stucco residence.
Owner—R. A. Brassy.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Bids To Be Opened Next Week.
RESIDENCE Cost, $9000
LOS GATOS, Santa Clara Co., Cal.
One-story frame and stucco 6-room residence.
Owner—Mr. Facks.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Bids To Be Opened Next Week.
RESIDENCE Cost, $8000
SAN JOSE, Santa Clara Co., Cal.
1½-story frame and stucco residence with shingle roof.
Owner—Dr. H. Barocchi, Bank of Italy Bldg., San Jose.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

LOS ANGELES, Cal.—Thos. L. Otis, 1025 N Western Ave., has the contract to erect a 2-story 16-room residence at s.e. cor. of Hudson Ave. and Fourth St. for Mrs. J. B. Knapp. Witmer & Watson, Bank of Italy Bldg., L. A., archts. Dimensions, 75x81 ft., frame and plas. constr., shingle rf., hardwd. and pine trim, oak fls., tiled baths, water htr., unit gas htg. system; $42,000.

Contract Awarded.
RESIDENCE Cost, $15,490
PIEDMONT, Alameda Co., Cal., Lot 4 Lafayette Terrace.
Residence and garage.
Owner — A. L. Cunningham Jr., 1034 Harvard St., Piedmont.
Architect—Reed & Corlett, Oakland Bk Bldg., Oakland.
Contractor—A. Cederborg, 1445 Excelsior Blvd., Oakland.
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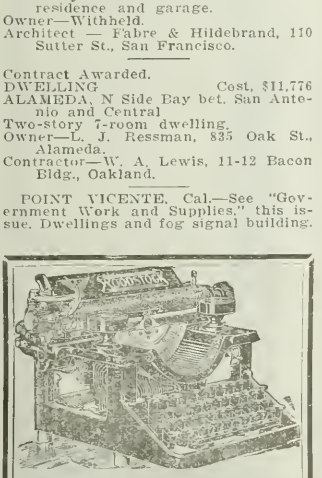

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Contract Awarded.
RESIDENCE Cost, $18,000
HILLSBOROUGH.
Two-story residence and garage.
Owner—George S. Johnston, 116 Elm St San Mateo.
Architect—W. S. Leadley, 207 2nd St., San Mateo.
Contractor—Leadley & Wiseman, 207 2nd St., San Mateo.

Plans Being Prepared.
DWELLINGS Cost, $14,000
SAN MATEO COUNTY, Woodside near Redwood City.
Four frame dwellings and garages.
Owner—The Allen Co., 168 Sutter St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.

AVALON, Santa Catalina—Fred W. Upham, of Chicago, and a National Republican figure, has decided to build a large residence in Avalon. He has selected a site near the home of his friend, Mr. Wrigley.

Plans Being Prepared.
DWELLINGS Cost, $384,000
BURLINGAME, San Mateo Co., Cal., Burlingame Gate.
64 6-room frame and stucco dwellings and garages.
Owner—The Allen Co., 168 Sutter St., San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco

Contract Awarded.
DWELLINGS Cost, $5000 each
SAN FRANCISCO, E 27th Ave. 60 90 120 150 180 210 240 270 S Lincoln Way; E 27th Ave. 90 120 150 180 210 240 270 N Irving.
Fifteen 1-story and basement frame dwellings.
Owner—James Arnott & Son 235 Granville Way, San Francisco.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.

Contract Awarded.
DWELLING Cost, $15,500
SAN MATEO, Lot 114 Poplar Ave.
Dwelling and garage.
Owner—P. S. Steenstrup, 421 Occidental, San Mateo.
Contractor—Chas. Pederson, 60 Peninsula, San Mateo.

Contract Awarded.
BUSINESS & DWLG. Cost, $11,832
SACRAMENTO, 1323 K, Sacramento.
Two-story business and dwelling.
Owner—John Compagiannis, 1623 L St. Sacramento.
Contractor—G. E. Harvie, 2212 T, Sacramento.

Contract Awarded.
RESIDENCE Cost, $20,000
SAN FRANCISCO, N Sea Cliff 311 W 25th Ave., San Francisco.
Two-story and basement frame residence.
Owner—Mrs. George W. Kelham, 98 Sea Cliff Ave., San Francisco.
Architect — Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—Taylor & Jackson, 290 Tehama St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $15,000
SAN JOSE, Santa Clara Co., Cay., The Alameda.
Two-story frame and stucco residence.
Owner—Dr. D. H. Ross.
Architect — Binder & Curtis, Binder Bldg., San Jose.

SCHOOLS

Bids To Be Taken This Week.
SCHOOL Cost, $25,000
CONTRA COSTA COUNTY, Orinda Park, near Richmond.
One-story cement block school bldg.
Owner—Orinda Park School District.
Architect—James T. Narbett, 910 Macdonald Ave., Richmond.

Bids To Be Opened in Ten Days.
SCHOOL Cost, $22,000
EAST NICHOLAUS, Sutter Co., near Marysville.
One-story concrete school bldg.
Owner—East Nicolaus Branch of Sutter High School District
Architect—Dean & Dean, Calif. Life Bldg., Sacramento.

Contract Awarded.
SCHOOL Cost, $80,000
SAN FRANCISCO, E Fair Oaks 125 S 24th.
Two-story class B concrete school.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—A. J. Coffey, 312 Humboldt Bank Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

To Prepare Plans.
SCHOOL Cost, $200,000
SUNNYVALE, Santa Clara Co., Cal.
One-story reinforced concrete school building.
Owner—Sunnyvale School District.
Architect—W. H. Weeks, 369 Fine St., San Francisco.

Figures To Be Taken Shortly.
SCHOOL Cost, $85,000
GONZALES, Monterey Co., Cal.
One-story reinforced concrete school (8 rooms and an auditorium)
Owner—Gonzales Grammar School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.
Plans will be ready for bids about April 24th.

WATSONVILLE, Santa Cruz Co., Cal. —Until May 1, 7:30 p. m., bids will be rec. by T. S. MacQuiddy, secy. Watsonville School District, to erect shop building. Wyckoff and White, architects, Growers Bank Bldg., San Jose. Cert. check 5% payable to secy. req.
See call for bids under official proposal section in this issue.

Low Bidder.
SCHOOL Cost, $—
SAN JOSE, Santa Clara Co., Cal., E Santa Clara Ave. and 9th St.
Two-story brick and frame class C parochial school building.
Owner — Roman Catholic Archbishop, (Father Richard Collins, Pastor of St. Patrick's Church.)
Architect—Chas. J. I. Devlin, Pacific Bldg., San Francisco.
Megna & Newall, 864 N 17th St., San Jose, were low bidders at approximately $81,000.

Plans Complete.
SCHOOL Cost, $65,000
SACRAMENTO, Sacto. Co., Cal., 9th and F Streets.
Two-story brick grammar school with auditorium.
Owner — Roman Catholic Archbishop (Father Thos. Horgan).
Architect—Dean & Dean, city Library Bldg., Sacramento.
In all probability Wm. Keating, Capitol Natl. Bk. Bldg., will be awarded the contract.

Plans Being Figured—Bids Open May 8, 1924.
ADDITION Cost, $12,000
PALO ALTO, Santa Clara Co., Walter Hayes School.
Two-room frame and stucco addition to school.
Owner — Palo Alto Grammar School District.
Architect—Birge M. Clark, 600 Embarcadero Rd., Palo Alto.
See call for bids under official proposals.

THE SOUTHERN Pacific Railroad.
* * *
HAS NAMED two stations.
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AFTER SANDY Pratt, President.
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OF THE Pratt Building Material Co.
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DOUGLAS 300—"easy to remember."
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ONE IS Pratteo, Monterey County.
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HOME OF "Pratteo Amber" Sand.
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BOTH FINE (No. 2) and coarse (No. 4).
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FOR PLASTERING and brick mortar.
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AND UP near Folsom.

THE SOUTHERN Pacific.
* * *
HAS STARTED another city.
* * *
CALLED PRATTROCK (near Folsom).
* * *
HOME OF Sandy's new company.
* * *
THAT WILL crush rock and cobbles.
* * *
LEFT BY the gold dredgers.
* * *
SO SANDY has real estate.
* * *
TO SELL in carload lots.
* * *
NOT DIRT if you please.
* * *
BUT CLEAN, hard crushed rock.
* * *
AND WASHED sharp gravel.
* * *
"I THANK you."

View of the "business district" of Sandy Pratt's new city, Prattrock (near Folsom, Sacramento County) where the best crushed rock, washed gravel and rock screenings in the world is being produced. Notice locomotive crane mammoth bunkers (75 ft. to eaves) and railroad cars in picture.

BELLFLOWER, L. A. Co., Cal.—Until 7:30 p. m., May 2, bids will be rec. by trustees of Bellflower School Dist. for erecting a 1-story br. school bldg. at Bellflower in accordance with plans and spec. by Archt. Arthur W. Angel, 3404½ Whittier Blvd., Los Angeles. Bids will be taken separately on gen. contr., painting, elec. wiring, plumbing and heating. Brick walls, 1-story, tile rfg., maple fls., gas htg., ruffled brick facing; it will have 8-rm. classrms. and teachers' and principal's rooms; $52,000

SAN DIEGO, San Diego Co., Cal. — Board of education has selected sites for the Point Loma high school and for the Woodrow Wilson junior high school. The former will be a 10-acre tract opp. the Bridges' home. Plans for this bldg. are now being completed by Archt. Edwin T. Banning, Point Loma. It will cost $200,000 and will accommodate 800 pupils. The Woodrow Wilson school will be located at Third and Thomas Sts., where one whole block has been secured. Plans for this bldg. are being completed by Archt. Theodore Kistner, archt.

Bids are to be advertised for soon on the new high school auditorium planned to cost $200,000. Plans are being completed now by Archt. Lincoln Rogers and his associate, W. R. Stevenson.

Archt. W. Templeton Johnson is also completing plans for the new La Jolla high school.

MONTEBELLO, L. A. Co., Cal.—W. E. Luther, 223 Hager St., San Fernando, was low bidder and was awarded the general contract at $28,750 for a new 6-room grammar school bldg. at Montebello for the board of trustees of the Montebello School District. Brick walls, 1-story, tile rfg., maple fls., gas rads., pine trim, etc. Jeffery & Schaefer, 1104 Kerckhoff Bldg., L. A., archts. The bids were: General contract—W. E. Luther, $28,750; William G. Reed, $29,777; Witt & Chute, $31,000; L. A. Geisler, $31,128; H. W. Schlueter, $31,327; Homann & Tully, $31,584; C. A. Williams, $31,890; H. M. Boward & Sons, $31,999; A. H. Pibel, $32,326; Rudine & Chytraus, $32,400; Crawford Investment Co., $32,500; E. C. Martin, $33,370; McPadden & Winkleman, $33,650; Gene B. Foster, $33,996. Plumbing—F. A. Zorn, Downey, $2703; F. D. Reed Plbg. Co., $2772; Chas. Arndt, $2826; Ora King, $2845; Hickman Bros., $2864; W. H. Robinson, $3300; S. Hill & Son, $3698. Elec. wiring: Graham Elec. Co. was low bidder and was awarded the contract at $620. Other bids were: Peerless Elec. Co., $677. Heating — Potter Rad. Corp. was low bidder, and was awarded the contract at $990. Other bids were: Pacific Gas. Rad. Corp., $1074. Painting —Arenz-Warren Co. was low bidder and was awarded the contract at $990. Other bids were: Alhambra Wall Paper & Paint Co., $1178; Pasadena Painting and Decorating Co., $1195; R. W. Malin & Son, $1200; Parker-Judge Co., $1358.

SAN FRANCISCO—Until May 5, 3 p. m., bids will be rec. by Leonard S. Leavy, city purchasing agent, Rm. 270 City Hall, to fur. and del. chair desks for Board of Education. Further information obtainable from above.

REDWOOD CITY, San Mateo Co., Cal —Stewart School Supply Co., San Francisco, at $3621, awarded cont. by Sequoia High School District to fur. window drapes and stage equipment for new high school.

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3212 Baker St., Berkeley, Calif.

WHITTIER, L. A. Co., Cal.—Ground has been broken at Whittier College for the new Wardman Hall dormitory to be erected under the gift of Aubrey Wardman. Est. cost, $100,000. The bldg. will be 42x126 ft., 2-story and will house 50 men. There will be a lounge room, lobby, fireplace, etc. Cem. plaster exterior.

OAKLAND, Cal.—Until May 5, 4 p. m. bids will be rec. by John W. Edgemond, secy. Board of Education, 211 City Hall, to fur. and del. certain school furniture, for the school year commencing July 1, 1924 and ending June 30, 1925. Lists of materials desired will be furnished on request to secretary.

VALLEJO, Solano Co., Cal. — Until May 7, 8 p. m., bids will be rec. by Elmer L. Cave, secy. Board of Education to furnish school supplies, including furniture and apparatus, same to be delivered before July 15, 1924. Specifications and lists of materials desired obtainable from secy., 344 Virginia St.,

COMPTON, L. A. Co., Cal.—Richard D. King, 519 Van Nuys Bldg. and Frank Goodwin, Compton, assoc. archts., are preparing plans for a 12-room and a 6-room grammar school bldg., to be erected at Compton for the Compton Grammar School Board. Brick walls, 1-story and basement, tile rfg., maple and cem. fls., plaster exter., gas htg., slate blackboards, pine trim; $119,000.

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SANTA MONICA, L. A. Co., Cal. — Anton Johnson, 1007 S Grand Ave., was low bidder at $145,970 on the general contract for erecting new bldgs. at Lincoln junior high school site, Santa Monica; Allison & Allison, 1405 Hibernian Bldg., Archts. Low bidders on other contracts were: Emil Brown on sheet metal at $3939; Standard Roof Co. on comp. rfg. at $2000; French & Melloney on the rfg. at $7242; C. H. Anderson on plastering at $17,000; T. N. Fierce on blackboards at $774.75; Parker-Judge Co. on painting at $9248; Bennett-Montgomery Hardware Co. on hardware at $4344; Lochman Bros. on plumbing at $11,987; Graham Electric Co. on wiring at $8203; Standard Electric Clock Co. on clocks at $472; Hoagland-Lakin Co. on heating at $13,897. The bids were: General contract—Anton Johnson, $145,970; Alston & Hogan, $174,685; W. D. Henderson, $179,786; Macdonald & Driver, $182,084; Olcester & Kerr, $187,000; Wopschall Bros., $188,742; J. F. Kobler, $191,368; Walter Slater Co., $197,850; Hodge & McMakin, $202,773; J. Oberweiss, $209,100. Sheet metal—Emil Brown Co., $3939; E. P. Nittinger, $5287; Main Cornice Works, $5812. Comp. rfg.—Standard Roof Co., $2000; Atlas Roof Co., $2400; Robertson & Sons, $2478; Hill-Hubbell & Co., $2612; Warren & Bailey, $3136; R. H. Pinkerton, $3277.45. Tile Roofing—French & Meloeny, $7242; C. L. Passmore, $7500; Murray Tile Co., $7632. Plastering—C. H. Anderson $17,000; J. C. McLeod $18,457.50; J. B. Rickert & Son, $18,979; Crowe & Minclay, $19,500; Gust Johnson, $20,297; Bert E. Dequine, $21,570; E. V. Fallgren, $20,947 W. E. Johnson, $17,857. Blackboards—T. N. Fierce, $774.75; Jones Book Store, $815; C. F. Weber Co., $960. Painting—Parker-Judge Co., $9248; E. Drawhaugh, $10,550; A. Quandt & Sons, $10,857; H. H. Mann, $12,725. Hardware—Bennett- Montgomery Hardware Co., $4344; Hammond Lumber Co., $4447; Union Hardware & Metal Co., $4680. Plumbing — Lohman Bros., $11,987; Thos. Haverty Co., $14,390. Electric Wiring—Graham Elec. Co., $8203; H. H. Walker, $8661; Newbery Elec. Corp., $8828; Woodhill-Patterson Co., $9100; D. S. McEwen, $9836; Sherman Whitmey, $10,487.75. Clockes — Standard Electric Time Co., $472; Pacific Electric Clock Co., $599. Heating—Hoagland-Lakin Co., $13,897; Hickman Bros., $13,902; Thos. Haverty Co., $14,405; E. P. Nittinger, $15,205; L. Z. Brown, $16,570.

LOS ANGELES, Los Angeles Co., Cal. —Until 12 o'clock, noon, May 5, bids will be received by trustees of Citrus Union High school dist., for erecting a domestic science bldg. at Citrus union high school site between Azusa and Glendora; John C. Austin and Frederic M. Ashley, arcts., 1125 Dewiler Bldg., Los Angeles. Bids will be received separately on the general contract, plumbing, painting, wiring and gas heating. The building will contain dining room and 7 classrooms; 2-story, frame and plas. constr.

LONG BEACH, L. A. Co., Cal.—Archts Davies & Baume, 1010 Farmers & Merchants Bank Bldg., Long Beach, and Richard M. Bates, L. A., assoc., have been commissioned to prepare plans for an additional unit at the John Muir school. Cost, 12 rms. and equipment, $175,000.

LONG BEACH, L. A. Co., Cal—Archts Allison & Allison, 1402 Hibernian Bldg, L. A., and Wynkoop & Law, archts. and engrs., Farmers & Merchants Bank Bldg., Long Beach, assoc., have been commissioned by the Long Beach board of education to prepare plans for an additional unit at the Fremont grammar school. Cost, 8-rm. bldg., land and equipment, $81,000.

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SAN FRANCISCO—Board of Public Works reject bid of A. J. Granfield, only bid received, for yard work at Washington Irving school. New bids will probably be asked.

LOS ANGELES, Cal.—The architectural department of the board of education has completed plans for a school bldg. to be erected on Auburn Ave. near Waverly Dr. Two-story ,60x97 ft., brick construction, comp. rfg.; $64,000. The board of education will advertise for bids shortly.

TUCSON, Pima Co., Arizona—Archt. H. O. Jaastad, 96 N Stone Ave., Tucson, is preparing plans for a $60,000 high school bldg. and a $12,500 grade school for the Rillito union high school dist. The high school bldg. will be of brick, with reinf. conc. stairways, cem. corridors and otherwise fireproofed. It will contain classrooms, laboratories and office.

SAN FRANCISCO—A. J. Granfield at $3400 submits only bid to Bd. Pub. Wks. to grade Washington Irving school yard.

SAN FRANCISCO—Michel and Pfeffer Iron Works, at $934 submits low bid to Bd. Pub. Wks. to construct wire fencing and miscellaneous iron work at the Washington Irving school grounds. Other bids were: West Coast Wire and Iron Works, $1425; Standard Fence Co., $1050.

SANTA MONICA, L. A. Co., Cal.—Alston & Hoggan, Ocean Park, were awarded the general contract at $174,685 for erecting new bldgs. at Lincoln junior high school site at Santa Monica. Anton Johnson Co. was permitted to withdraw its bid on account of an error. Allison & Allison, 1405 Hibernian Bldg., L. A., archts. Other contracts were awarded as follows. Sheet metal work to Emil Brown Co. at $3939; comp. roofing to Hill-Hubbell & Co. at $2612; tile rfg. to French & Meloey at $7242; plastering to C. H. Anderson at $17,000; blackboards to T. N. Fierce at $774.75; painting to Parker-Judge Co. at $9248; hardware to Bennett-Montgomery Hardware Co. at $4344; plumbing to Lohman Bros. at $11,987; wiring to Graham Electric Co. at $8203; heating to Hoagland-Lakin Co. at $13,897; and clocks to Pacific Electric Clock Co. at $599.

LONG BEACH, L. A. Co., Cal.—Architects H. Alfred Anderson and Edgar H. Cline, assoc., Palace Theater Bldg., Long Beach, have been commissioned to prepare plans for an additional unit at the Franklin junior high school. Cost, for land, bldgs. and equipment, $375,000.

LONG BEACH, L. A. Co., Cal.—Secretary Price has been instructed by the Long Beach board of education to advertise for bids for erecting a 6-rm. additional unit at the Roosevelt grammar school. W. Horace Austin, 521 Pacific Southwest Bldg., Long Beach, and John C. Austin, Detwiler Bldg., L. A., assoc. archts. Cost, land, bldg. and equipment, $175,000.

WILLOW GLEN, Santa Clara Co., Cal.—All bids received on April 19th at 8 o'clock P. M. by the Board of Trustees of the Willow Glen School District for the construction of a two-story reinforced concrete school building were rejected as being too high.

Plans will be revised and new bids called for. Wyckoff & White, 511 Growers' Bank Bldg., San Jose, are the architects.

E. Nommensen, San Jose.....$98,438 (2) $——; (3) deduct $2,300; (4) add $400; (5) add $2000; (6) deduct $1,400; (7) deduct $3,000.

R. O. Summers, San Jose.....$100,878 (2)) $102,364; (3) $96,740; (4) $101,297; (5) $102,114; (6) $99,932; (7) $97,200.

J. D. Carlsom.....$101,640 (2) $——; (3) $99,585; (4) $102,022; (5) $103,173; (6) $99,722; (7) $97,741.

F. T. Edmans, San Jose.....$102,524 (2) $——; (3) $100,087; (4) $102,924; (5) $103,949; (6) $100,984; (7) $98,817.

John Branagh, Oakland.....$103,000 (2) $101,800; (3) $100,080; (4) $103,000; (5) $104,300; (6) $102,000; (7) $100,030.

B. J. Byron.....$104,587 (2)$104,587; (3) $102,500; (4) $104,984; (5) $106,587; (6) $101,300; (7) $99,587.

G. M. Latta, San Jose.....$105,560 (2) $109,921; (3) $103,460; (4) $105,924; (5) $106,791; (6) $104,710; (7) $102,007.50.

Cobbey & Owsley, S. F.....$105,690 (2) $109,290; (3) $103,300; (4) $106,000; (5) $107,425; (6) $104,090; (7)) $102,190.

Morrison Bros., Santa Clara...$106,058 (2) $104,003; (3) $160,410; (4) $107,063; (5) $104,858; (63 $102,959; (7) $——.

J. F. Shepherd, Stockton.....$107,726 (2) $106,777; (3) $107,000; (4) $107,817; (5) $109,126; (5) $106,301; (7) $104,284.

West Coast Constr. Co., S. F....$111,622 (2) $——; (3) deduct $1065; (4) add $420; (5) add $3700; (6) deduct $4902; (7) deduct $3594.

Mahony Bros., S. F.....$118,136 (2) add $1000; (3) deduct, $1930; (4) add $294; (5) add $2450; (6) deduct $1050; (7) deduct $4550.

SAN BERNARDINO, San Bernardino Co., Cal.—George Herz, San Bernardino submitted low bid to board of trustees of the San Bernardino union high school dist. Apr. 17, at $151,179, for general contract for erecting the new union high school at the s.w. cor. 8th and E Sts. Howard E. Jones, 445 4th St., San Bernardino, archt. Other low bids were: Wiring, Robertson Elec. Co. $7975; heating, Pac. Gas Appliance Co., $11,397 (gas radiators); painting, Geo. Stethan, $6420 (there is a possibility that his bid will be considered irregular, in which case Alhambra Wall Paper & Paint Co. will be low bidder at $7552); plumbing, George F. Cooley, San Bernardino, $10,760. Bids were taken under advisement. The new bldg. will be of reinf. conc. with tile rf., L-shaped, 220 ft. on Curtis St. and 255 ft. on E St; 2-story, 28 classrms, 2 cooking rms., dining rm., 2 art rms., 2 sewing rms., fitting and locker rm., 2 commercial study rms., oral English rm., study hall, 25x85 ft., and administrative offices. There was voted for this work $225,000 (including architect's fee). The bids were:

General—George Herz, $151,179; Homann & Tully, $151,534; Cresmer Mfg. Co., $155,700; Eastman & Sweeny, $158,127; L. C. Waldman, $158,127; J. J. Bakker, $159,000; Rudine & Chytrus, $168,000; Campbell Constr. Co., $168,956; Charles Olcester, $169,425; Daniels & Farris, $174,480; Robert E. McKee, $174,900; Anton Johnson, $178,570; Bennett & Waugh, $184,655.

Wiring—Robertson Elec. Co., $7975; Field Elec. Co., $8500.

Heating—Pacific Gas Appliance Co., $11,397; George M. Cooley Co., $12,846; N. Hansen, $14,920.

Paintiag—George Stethan, $6420; Alhambra Wall Paper & Paint Co., $7,552; Ruhnau, $8300; W. T. Kenton, $8,955; R. E. Swan, $8385; R. Zelinsky, $9872; Ross Bros., $9934; W. T. Barron, $12,175; I. T. L. Fritz, $14,900.

Plumbing—George F. Cooley, $10,760; C. E. Stansell, $11,067; Hill & Sons, $11,583; E Manning, $11,614; O. Larsen $12,121; Pac. Gas Appliance Co., $12,400; A. L. Lines, $12,440; G. M. Johnson, $12,950; H. H. Armbrust, $13,274.

SEAL BEACH, Orange Co., Cal.—Architects Piper Kahrs, Dedrick & Bobbe 441 E First St., Long Beach, have been commissioned by the Seal Beach board of education to prepare plans for an addition to the present school bldg. Sketches submitted call for an auditorium seating 400, stage, and several classrooms.

LONG BEACH, L. A. Co., Cal.—Secretary Price has been instructed by the Long Beach board of education to advertise for bids for erecting an additional unit at the Whittier elementary school, Long Beach. Engr. Harvey H. Lochridge, Markwell Bldg., Long Beach and George M. Lindsay, archt., assoc., 327 Laughlin Bldg., L. A. Sixteen classrooms, 450-seat auditorium, boys' and girls' playroom, kindergarten, recreation room, 40x40 ft., study room, 16x25 ft., locker and toilet rms., domestic science room, manual training room, nurses rm., lunch rm. and kitchen, boiler rm. Brick walls, tile and comp rf., art stone trim; oak, cement and hattleship linoleum fls., conc. stair and boiler rm., Universal or Simplex windows, tile toilet walls, marble partitions, steam heat, pine and oak trim. Cost, bldg. and equipment, $230,000.

SACRAMENTO, Cal.—Until April 28, 5 p .m., bids will be rec. by Chas. C. Hughes, Secy. Board of Education, to fnr. and install cafeteria equipment in new high school, located at 34th, 36th, V and Y Sts. Edgar A. Matthews, architect, Call Bldg., San Francisco. Cert check 10% payable to Secretary Board of Education req. Specifications obtainable from architect on deposit of $15. returnable.

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OLYMPIA, Wash.—Until May 1, 1:30 p. m., bids will be rec. by Olympia School District No. 1 for general work, heating, ventilating, plumbing and electric works for the Washington Grade School; est. cost $135,000. Bids rec. for this work January 17 were rejected as being too high. Will be 135 by 170 ft. of masonry construction with frame interior. Jas. H. Wohleb, architect, Olympia, Wash.

SAN BERNARDINO San Bernardino Co., Cal.—The board of education is investigating the legal right of the bondsmen of J. Davidson, who submitted a bid of $124,999 for constructing the new union high school, to withdraw their names as bondsmen on the ground that Mr. Davidson made an error in his bid. N. L. Levering and Noah Adair were sureties. The matter will be settled and the contract awarded at an adjourned meeting April 28. Mr. George Herz was next low bidder at $151,179.

BANKS, STORES & OFFICES

Contract Awarded.
METAL FURRING ETC, Cost, $78,191
SAN FRANCISCO, E Market & Beale NE 137-6 x SE 178-2.
Metal furring and lathing and plastering for general office building.
Owner—Pac. Gas & Elec Co., 445 Sutter St., San Francisco.
Contractor — Peter Bradley, 74 New Montgomery, San Francisco.

Preliminary Plans Being Prepared.
STORE BLDG. Cost, $50,000
SACRAMENTO, Cal., 12th and K Sts.
One-story and basement brick and terra cotta store building.
Owner—Allison Ware Co., Chico.
Architect—Dean & Dean, Calif. State Life Bldg., Sacramento.

Commissioned To Prepare Plans.
BANK BLDG. Cost, $200,000
SACRAMENTO, Sacramento Co., Cal., SE 7th and K Sts.
One or 2-story and basement class A bank building.
Owner—United Bank & Trust Co., Rudolph Spreckels, pres.
Architect — C. E. Gottschalk, Phelan Bldg., San Francisco.

Plans Being Prepared.
BANK BLDG. Cost, $10,000
YUBA CITY, Sutter Co., Cal.
One-story class C bank building.
Owner—Producers Bank, Yuba City.
Architect—Dean & Dean, Calif Life Bldg., Sacramento.

Bids Being Held Under Advisement.
STORE BLDG. Cost, $12,000
SAN FRANCISCO, NE Corner of 6th and Natoma Sts., San Francisco.
One-story reinforced concrete store building (2 stores).
Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

Bids Being Taken—Bids To Be Opened April 22, 1924.
STORE & OFFICE Cost, $15,000
WOODLAND, Yolo Co., Cal.
One-story and basement reinforced concrete store and office bldg.
Owner—Fitch's (General Mdse. Store.)
Architect—Dean & Dean, California Life Bldg., Sacramento.

Concrete Bids Being Taken By Engineer and Contractors.
BANK & OFFICES Cost, $250,000
STOCKTON, San Joaquin Co., Cal., Sutter St. near Main.
Ten-story class A bank and office bldg.
Owner—Commercial & Savings Bank,
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Engineer—C. H. Snyder, 251 Kearny St. San Francisco.
Construction Mgrs. — Lewis & Green, Commercial Bank Bldg., Stockton.

Contract Awarded.
ALTERATIONS Cost, $25,000
OAKLAND, SW 16th St. and Telegraph Oakland.
Alterations.
Owner—Kahn Bros., Inc., premises.
Contractor—MacDonald & Kahn, 405 Tapscott Bldg., Oakland.

Contract Awarded.
OFFICE BLDG. Cost, $16,500
SACRAMENTO, 1401-3-5-7 28th St.
Two-story office bldg (4 stores 15 office rooms).
Owner—S. T. Bovyer Estate, 1209 K, Sacramento.
Contractor—G. E. Harvie, 2212 T St., Sacramento.

Contract Awarded.
FIRE REPAIRS Cost, $10,000
OAKLAND, 587 16th St.
Fire Repairs.
Owner—D. W. Johnson, 16 Calif St., San Francisco.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco.

Figures Being Taken — Bids To Be Opened May 28, 1924.
ALTERATIONS Cost, $100,000
LOS ANGELES, S Broadway.
Store fixtures, counters, plate glass and other interior finish for a 13-story store and office bldg.
Owner—Wurlitzer Co.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.

Plans Complete.
ADDITION Cost, $14,500
SAN FRANCISCO, W Capp 185 S 17th San Francisco.
Two-story concrete addition for store.
Owner—Gough Land and Livestock Co., care architect.
Architect, Contr. & Mgr. of Constr. — Mel L. Schwartz, Nevada Bank Bldg San Francisco.

Date of Opening Bids Extended to May 1st.
OFFICE BLDG. Cost, $400,000
SAN JOSE, N 1st St., adjoining Bank of San Jose Bldg.
Ten-story class A steel and concrete office building.
Owner—Commercial Club.
Architect—Binder & Curtis, 255½ 1st St., San Jose.
Figures are being taken as follows:
General contract.
Heating.
Plumbing.
Elevators.
Steel frame.

Plans Being Figured.
STORE & LOFT Cost, $29,000
SAN FRANCISCO N Hayes west of Van Ness Ave.
Two-story brick store and loft bldg (3 stores).
Owner—Vernon Investment Co., Conlin Estate, 315 Montgomery St., S. F.
Architect — O'Brien Bros., 315 Montgomery St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $15,000
SAN FRANCISCO, 938 Market.
General alterations of store fronts etc.
Owner—Sweet Sixteen Co., 882 Market St., San Francisco.
Architect — Henry Shermund, Hearst Bldg., San Francisco.
Contractor—Henry Miller, 180 Jessie, San Francisco.

Sub-Figures Being Taken.
OFFICE BLDG. Cost, $100,000
OAKLAND, 13th and Franklin Sts.
Five-story class C office building.
Owner—Karl Raentsch.
Architect—H. H. Winner, 55 New Montgomery St., San Francisco.

Bids Opened.
STORE & OFFICE Cost, $—
WOODLAND, Yolo Co., Cal.
Two-story and basement reinforced concrete store and office bldg.
Owner—Fitch's (General Mdse. Store)
Architect—Dean & Dean, California Life Bldg., Sacramento.
Following is complete list of bids submitted:

J. G. Metroni, Woodland	$17,985
W. E. Underwood	18,348
Holdener Construction Co.	19,249
Campbell Construction Co.	19,410
Geo. D. Hodnutt, Inc.	19,958
H. S. Holt	20,220
F. H. Betz	20,384
Chas. S. Mabrey Co.	20,658
P. F. Bender	21,949
Herndon & Finnegan	22,166
Siller Bros.	23,346
J. Witzelberger	23,545
Jas. A. Gould	24,635
E. L. Younger	24,960

Bids taken under advisement.

Figures to be Taken Next Week.
STORE & LOFT Cost, $35,000
SAN FRANCISCO, Fillmore near O'Farrell St.
Three-story reinforced concrete store and loft building.
Owner—Lester Loupe.
Architect—S. Heiman, 57 Post St., San Francisco.

Plans To Be Prepared.
CLUB & OFFICE BLDG. Cost, $—
SAN FRANCISCO, SE Corner Hayes St. and Van Ness Ave.
Three-story reinforced concrete club rooms and office bldg.
Owner — California State Automobile Assn., 1628 Van Ness Ave., S. F.
Architect—None selected.
H. J. Brunnier, Sharon Bldg., S. F., will probably engineer the job.

LOS ANGELES, Cal. — The Central Commercial & Savings Bank, 6301 Santa Monica Blvd., has a 99-year lease on the n.e. cor. of Hollywood Blvd. and Vine St., requiring the erection of a $100,000 bldg. The bank contemplates removing its business to the new location. Site, 90x140 feet.

WILMINGTON, L. A. Co., Cal.—Chas. Neilson, 241 E Broadway, Long Beach, has the contract to erect a brick store and office bldg. at 117 e Anaheim Rd., Wilmington, for Howard Latimer, Pacific Finance Bldg.; will have 2 stores and about 20 office suites. Dimensions, 100x60 ft., press. brick facing, comp. rfg., plate glass, cement and hardwood floors, gas rads., metal skylights, etc.

LOS ANGELES, Cal.—Robert E. Millsap, 423 Marsh-Strong Bldg., has been awarded the general contract at approximately $200,000 for erecting a class A publishing building on Georgia St. near Pico St. for the Evening Herald. Morgan, Walls & Clements, 1124 Van Nuys Bldg., archts. The bldg. will be 3-story and part basement, designed for 4 stories, 200 by 141 ft., reinf. conc. construction, brick filler walls, stucco and cast stone exterior, steel sash, plate and wire glass, metal skylights. This is the first unit of a proposed building, the second unit of which will be the same size and will face on Trenton St.

LOS ANGELES, Los Angeles Co., Cal. —Archts. Morgan, Walls & Clements, 1124 Van Nuys Bldg., Los Angeles, are preparing plans for altering the first story of the Toberman bldg. at NE cor. of Hollywood Blvd. and Highland Ave. for Federal Trust & Savings Bk. Work will include new terra cotta front, plate glass, marble floors; marble, wrought iron and cast iron bank fixtures, hardwood finish, safety deposit department in the basement, etc.; $150,000.

LOS ANGELES, Cal.—Archts. Bliss & Faville, San Francisco, have completed plans for the class A telephone bldg. to be erected on Olive St. between 4th and 5th Sts. for Southern California Telephone Co. Nine stories, 150 ft. high, dimensions 120x171 ft., steel frame, brick walls, press. brick and terra cotta facing, steel sash, plate glass, elevators, steam htg.; $800,000.

LOS ANGELES, Cal. — Archt. W. Douglas Lee, 403 Junior Orpheum Bldg. L. A., has prepared sketches for a 6-story class A store and office bldg. to be erected at 5th and San Pedro Sts. for the People's Mortgage Co. and the People's Bank and Trust Co.; it will have several stores and banking space on first fl. with offices above. Rein. conc. constr., 6-story and basement, comp. rfg., press. brick and terra cotta facing, plate glass, elevators, etc.

LOS ANGELES, Cal.—Westcott-DeCamp Co., 1831 N Main St., has been awarded a contract at about $193,000 for erecting a 3-story class A automobile bldg. at 23rd and Figueroa Sts. for the Paige Agency. Dimensions, 120x200 ft., with an extension 50x50 ft.; reinf. concrete construction, stucco and cast stone exter., plate glass windows, comp rfg., steel sash, metal skylights, tile flr. in showroom, elevator, 2 dumb waiters, ramps. Plans by L. A. Smith, 3rd St. and Western Ave.

MERCED, Merced Co., Cal.—Wieland Bros. and Wallace H. Hubbert, Modesto at approx. $22,000 have contract to erect one-story brick 75 by 150 ft. auto sales room building, for Sam Zetner, of Merced. The structure will be leased to the Studebaker dealers.

LONG BEACH, L. A. Co., Cal.—J. V. McNeil Co., 736 H. W. Hellman Bldg., has been awarded the general contract at approximately $436,000 for erecting a 13-story and basement class A bank and office bldg. at First St. and Pine Ave., Long Beach, for the Security Trust & Savings bank. Curlett and Beelman, 408 Union Bank Bldg., L. A., archts. The general contract includes the wrecking of the present bldg. for which an allowance of about $17,000 was made. The bldg. will be 75x150 ft; the first two stories will be occupied by the bank and each of the upper stores will contain 26 offices. Steel frame construction, brick filler walls, reinf. concrete flrs., tera cotta facing, plate glass, mable and tile work, etc. The bids, not including wrecking, were: J. V. McNeill Co., $452,350; C. J. Kubach Co., $453,100; Lange & Bergstrom, $456,890; Winter Construction Co., $481,000; Scofield Engineerlng Construction Co., $486,789; J. D. Sherer, $484,283; Wurster Construction Co., $490,959; Macdonald & Kahn, $526,000; C. T. McGrew & Son, $45,000.

SAN DIEGO, San Diego Co., Cal. — J. S. Sampson Co., 681 Market St., San Francisco, has the contract at $165,000 to erect a store and loft bldg. at s.w. cor. C and 7th Sts., San Diego, for the Dohrman Commercial Co. Ashley and Evers, 518 Mortgage Guarantee Bldg., and 58 Sutter St., San Francisco, archts. Reinf. conc. constr., 4-story and basement, comp. rfg., plate glass, elec. elevators, sprinkler sys., steel sash, cement and hardw. fls., metal skylights, press. brick facing, etc. Bldg. designed to carry 2 additional stories. Struc. steel was let to Baker Iron Works.

LOS ANGELES, Cal.—Berger-Morlan Co., 602 S Western Ave., were awarded the general contract at $30,980 for erecting a brick store and garage bldg. on Vermont Ave. near Wilshire Blvd. for Jackie Coogan. Five stores and garage; dimensions, 100x164 ft., brick walls, cast stone front, plate glass, steel beams comp. rfg., metal skylights, cem. flr. Albert C. Martin, 228 Higgins Bldg., L. A., archt.

ALHAMBRA, L. A. Co,. Cal.—Pacific Telephone & Telegraph Co. will erect a 3-story bldg. at 21 S First St. to house the mechanical and business depts. of the local office. The bldg. will cost $76,000 and equipment $140,000. Work will start as soon as the grounds are in readiness. Wrecking has started. C. H. Reed ,Dist. Mgr.

LOS ANGELES, Cal.—Archt. Chas. F. Plummer, 1108 Story Bldg., is completing plans for alterations for store, at 722 W 7th St., for E. C. Collins Millinery Co. The work will consist of altering first 3 stories into ladies' ready-to-wear store, new front, fls., hardwd. and pine fixtures, elec. wiring, plastering, painting and decorating, plate glass, etc.

OAKLAND, Cal. — Pacific Gas and Electric Co., 445 Sutter St., San Francisco, will expend approx. $80,000 in the erection of a new office building at the Oakland plant.

SAN DIEGO, San Diego Co., Cal. — Archt. Louis J. Gill, 221 Owl Bldg., San Diego, has completed plans for a 2-story Spanish style brick and tile bldg., 112x125 ft., to be erected at 37th St. and Adams Ave. for B. J. Carterl. Cost, $50,000. It will conain four stores and an auditorium 75x125 ft., for public purposes. The bldg. will have an ornam. front with tile rf. Construction will be done by the owner.

THEATRES

Plans Being Prepared.
REMODELING Cost, $15,000
BERKELEY, College & Ashby.
Extensive remodeling.
Owner—Strand Theatre, Berkeley.
Architect—Mark T. Jorgensen, 110 Sutter St., San Francisco.

Plans Being Prepared.
THEATRE Cost, $100,000
SAN LEANDRO, Alameda Co., Cal., Ward St. and Washington Ave.
Fireproof picture theatre.
Owner—J. Hoorwitz, Hayward Theatre Hayward.
Architect—Reed Bros., 105 Montgomery St., San Francisco.

Bids To Be Taken in About One Week.
THEATRE Cost, $20,000
KING COUNTY, Monterey Co., Cal.
One-story reinforced concrete or hollow tile motion picture theatre.
Owner—Leslie Hables.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

ORANGE, Orange Co., Cal.—Harry Z. Adams, Orange, is having plans prepared by Stanley J. Symons for a theater to be erected at s.w. cor. Glassell St. and Maple Ave., Orange, for himself; the theater has been leased to the West Coast Theaters, Inc. it will have a seating capacity of about 1800 people and there will be large lobby, foyer and 2 stores. Brick walls, 60x142 ft., tile and comp. rfg., cement and pine fls., plate glass, press. brick facing, ventilating sys., gas htg., steel sash, etc.; $125,000. The lessee will do the interior decorating for the theater and will install a $15,000 pipe organ.

OCEAN PARK, Los Angeles Co., Cal. —Raymond Concrete Pile Co., 1307 Washington Bldg., has the contract for furnishing and placing concr. piles and piling caps for a class A theatre, to be erected at Ocean Park, for the Raymond Amusement Co. The theatre will be 2-story and the dimensions are 100 x 174 ft. Alfred F. Priest, 719 Fay Bldg., Los Angeles, architect.

VENICE, L. A. Co., Cal.—Archt. W. L. Woollett, 1211 Pacific Mutual Bldg., is preparing plans for a new theater bldg. to be erected on Ocean Front between Market St. and owl Drug Store Alleyway, Venice, for a local firm. Herman J. Brown will be the manager. It will be class B constr., and will cost $75,-000. brick walls, ets.

WHARVES & DOCKS

Bids Being Taken for Superstructure.
WHARVES ETC. Cost, $1,000,000
ALAMEDA, Alameda Co., Cal., Foot of Grand St.
Wharves, piers, warehouses, etc. for terminal (creosoted and concrete piling, timber and corrugated iron buildings).
Owner—Alaska Packers Assn.
Engineer for Wharves—Frank White, Ferry Bldg., San Francisco.
Engr. for Bldgs.—Phillip L. Bush, California St., San Francisco.
As reported before, the furnishing of piling was awarded to St. Helens Creosoting Co., Matson Bldg., S. F.
Excavation and pile driving etc. for wharf awarded to A. W. Kitchen, 110 Market St., S. F., (piling $147,000, excavating 49c cu. yd.)

piling, timber and corrugated iron buildings)
Owner—Alaska Packers Assn.
Engineer for Wharves—Frank White, Ferry Bldg., San Francisco.
Engr. for Bldgs.—Phillip L. Bush, California St., San Francisco.
Excavation and pile driving etc. for wharf awarded to A. W. Kitchen, 110 Market St., S. F., (piling $147,000, excavating 49c cu. yd.)
As reported before, the furnishing of piling was awarded to St. Helens Creosoting Co., Matson Bldg., S. F.

Plans Being Figured—Bids Close April 21, 1924.
WHARVES ETC. Cost, $1,000,000
ALAMEDA, Alameda Co., Cal., Foot of Grand St.
Wharves, piers, warehouses, etc. for terminal (creosoted and concrete

SACRAMENTO, Cal.—Until May 1, 9:15 P. M., bids will be rec. by H. G. Denton, city clerk, for fur. 1 Type 6 FD elevator controlled for a 500 V DC complete, to be used for elevator No. 1 at city wharf. Cert check 5% payable to City Controller req. with each bid. Specifications obtainable from city clerk. Albert Givan city Eng.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 818 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

8150—San Francisco, Calif. Exporter, representing one of the largest Norwegian firms, desires to make connections in San Francisco for importation of fishing tackle and Portland cement. Appointments may be made through foreign trade bureau. Samples, prices and full information will be submitted by him.

8152—Cali, Colombia. Manufacturer desires samples and quotations F. O. B. Colombia on cane, reed, and rattan, for use in making baskets and furniture. He is also in the market to buy basket and furniture-making machinery.

8155—Manzanillo, Mexico. Party requests catalogs, quotations and full information from San Francisco exporters and producers of office and home furniture.

8156—Guayaquil, Ecuador. Importers of flour, butter, sardines, paper, wire, soap, salmon, now buying in Chicago and New Orleans, desire, desire to make a direct buying connection in San Francisco with an established export house.

8161—Copenhagen, Denmark. Manufacturers of an automobile waterbrush, said to be successfully selling throughout Europe, will appoint a San Francisco agent for California territory and invites correspondence from interested importers or large jobbing houses.

D-1197—San Francisco. Experienced salesman with many years' experience and wide acquaintance in all Hawaiian islands will leave shortly for Honolulu and desires to take on accounts for reputable San Francisco concern.

D-1198—Madison, Wis. Concern desires to get in touch with manufacturers' agent or small sales company capable of marketing the Gisholt direct current transformer.

D-1293—Chicago, Ill. Engineering and manufacturing concern desires to secure live representative on Western coast.

D-1204—Nampa, Idaho. Party desires to purchase furniture, baby buggies, cedar chests.

D-1205—Chicago, Ill. Eastern firm desires to effect an agreement with manufacturers' agent, hardware or mill supply house, to handle their products and to take on the agency for Peter Stubs Company, Ltd.

D-1207—Los Angeles, Calif. Manufacturers' agents desire to take on new accounts.

D-1209—Phoenix, Arizona. Party desires to communicate with manufacturing firms who put out steam boilers or some device which will generate 100 to 150 pounds of steam.

D-1210—San Francisco. Experienced mechanical engineer and designer is available for firms desiring someone to develop or perfect experimental machines and put them on a paying commercial basis. Can furnish first-class references.

D-1211—San Francisco. Established firm with national advertising program desires to make proposition for the distribution of its product in San Francisco and surrounding territory.

LOS ANGELES, Cal.—Lynch-Cannon Bmer. Co., 1057 Chapman Bldg., was awarded the contract at $8824.00 to erect two 2-story transit sheds at berths 230D and E and 222 A and B, under spec. 600, for the L. A. Harbor Comm. They will each be 1000 ft. long and will be of steel frame constr.

Leads for Business

ADVERTISING—Sellograph Co., Call Bldg.
H. M. Donaldson, Hearst Bldg.
ARTISTS—Ray Schmidt, 320 Market.
AUTOMOTIVE — Bezzone & Feldman (body work), 492 Pacific.
Rex Sales Co., 769 Van Ness Ave.
Auto Fender Exchange, 321 Van Ness Avenue.
BAKERIES—Russell Cake & Poe Shop, 1627 California.
J. F. Gavis, 4393 24th.
BARBERS—Jos. Graf, 38 Market.
BEAUTY PARLORS—La Charme Beauty Parlor, 5310 Geary.
La Verne Beauty Parlors, 536 Irving.
Ideal Beauty Shop, 522 Ellis.
BILLIARDS AND POOL—A. J. Ballard 2849 Mission.
BOILERS—Birchfield Boiler Co. (Tacoma, Wash.), 660 Howard.
BRICK AND TILE—Connor & Co., 220 Montgomery.
CANDY—A. E. Robinson, 500 Laguna.
CHIROPRACTORS — C. L. Houck, 25 Taylor.
M. S. Nakafura, 1561 Post.
CIGARS—E. H. Ward, 408 O'Farrell.
CONTRACTORS — F. W. McDonald (sheet metal), 681 Market.
DENTISTS—Dr. J. O. Wilder, 2697 Mission.
DESIGNERS—Homer Ansley, 35 Montgomery.
ELECTRICAL — H. L. Hudson, 378 O'Farrell.
ENGINEERS—O. Denny (consulting), Holbrook Bldg.
Domestic Engineering Co., Hearst Building.
FEATURE SPECIALISTS—Dr. W. A. Lampe (1026 Market), 3320 Mission.
GROCERS—Mrs. H. R. Leatham, 1396 La Playa.
Huffman's, 1551 Church.
F. Werner, 2900 25th.
IMPORTERS — China Mercantile Co., Clunie Bldg. to 508 Pine.
INVESTMENTS — S. V. Chiuda, 760 Market.
MARKETS—Thos. F. Jones, 2292 Fillmore.
MEAT—Theisen & Kaiser (corned) 22f 14th.
MILLINERY—California Millinery Co., 2268 Mission.
Louise Hat Shop, 480 O'Farrell.
Miss Leeper, 816 Sutter.
OIL—Marland Oil Co. (C. H. Beal, R. E. Cellom), 200 Bush.
PLUMBING—General Plumbing Supply Co., 1067 Mission.
PUBLISHING — Swiss Journal, Chronicle Bldg.
Newspaper Enterprise Assn., 1130 Folsom.
RADIO—Burdick Cabinet Co., 334 Sutter.
REAL ESTATE—Perry & Perry, 5745 Geary.
C. J. Reilly, Hewes Bldg.
Brogan & Sherman 3,256 22nd.
Toepke & Dunning, 919 Irving Ave.
Hearney & Murray, 4049 Balboa.
RESTAURANTS—Mares Pifferini and others buying dining room Venezia Hotel, 1199 Stockton.
W. Davis, 2513 24th.
Savoy Lunch, 87 5th.
RIGGERS—Green Rigging & Salvage Co., 232 Steuart.
ROOFING—Johnson Roofing Co., 746 Joost.
RUGS AND LACES—Bagdad Rug Co. (Martin Muncherian), 2818 California
SCHOOLS—Will Dunn (golf), 420 Sutter.
Advertising Art School, 235 Montgomery.
SHOES—Panama Shoe Co., 1717 Post.
STATIONERS—J. T. Gilmartin succeeded Jullet Heath, 1395 Haight.
STUDIOS—Nared Studios, 628 Market.
M. B. Howard (saxophone), Pantages Building.
TAILORS—Jos. Demarko buying 422 Haight.
Ponthieu Tailoring Co., 1631 California.
W. I. Levinson (ladies), 432 Clement.
Yell & Cole, 1008 Bush.
TOOLS—American Foundry Equipment Co. (Master Tool Co.), W. L. Albright Underwood Bldg.
WAREHOUSES—Ocean Terminals Inc. 240 Battery.
X-RAY—J. J. Black, 870 Market.
McIntosh Electric Corp. and Acme International X-Ray Co., 334 Sutter
MISCELLANEOUS—Wonder Girl Mfg. Co., 340 Sansome.
New business, 664 Mission.
Herbert & Herbert, 701 Phelan Bldg.
Public Food Stores, 701 Fillmore.
Jonathan B. Cook & Co., 703 Market.
Baldwin-Ruple Co., 59 New Montgomery.
K-B Purchasing Agency, 361 8th.
Thermo-Crete Construction Corp., 760 Market.
Gus Gottlieb, 216 O'Farrell.
Dr. Jewl A. Booth, 380 Post.
LEASES—Jan. 29, 24—John and Clara M Campe to Paulin Gavaille—NE 1st and Folsom rung E alg N Folsom 87-6 x N 61-6 3 yrs $5400.
April 10, 24 — Rosette Wallace to Alex W Ballis, Alex Brayos and James Aleck—N Bush bet Kearny & Grant Ave No 466 Bush St 57 Mos $12,300.
May 21, 23—Henry B Stanton to Geo Moss—1446 Haight St 5 yrs $4680
July 28, 22—Rose Greenfield to Mrs Mark Draper—E Fillmore 48-2½ S Washington S 24 E 91-6 N 24 W 91 to beg 10 yrs $4800.
July 28, 22—Lawrence L and Herbert H Mayer to Mrs. Mark Draper—E
ATTORNEYS—E. J. Varni, 870 Market.
AUTOMOTIVE—H. P. Ochoa (garage), 47 Farren.
BEAUTY PARLORS—My Beauty Shop, 281 14th.
BOOKBINDING — Frank Jones, 589 Howard to 540 Sansome.
CANDY — Union Sweet Shop, 1508 Union.
CLEANING AND DYEING—Prosperity Cleaning Works, 4562 Mission.
DRESSES—Malouf Inc. new factory (Mr. J. T. Malouf), 4th floor Stevenson and 2nd.
FINANCE—L. & M. Glaser, 898 Van Ness Ave.
FLORISTS—Fashion Floral Co., 2327 Mission.
HARDWARE—Winchester Hardware & Electric Shop, 51 West Portal.
IRON AND STEEL—Lehigh Structural Steel Co., 637 Mission.
LUBRICANTS AND GREASES—Atlantic Oil Co. (at Elko Reduction plant), 667 Thornton.
MFGS. AGENTS—Evans & Evans, 681 Market.
MILLINERY—Flora Hat Works (H. Lofaso), commercial Building.
REAL ESTATE—McLewee & Northcutt, French Bank Bldg.
SHOES—Krippendorf & Dittman Co. (Clarke Browning), 821 Market.
STORES—Store 2277 Union, leased.
TAILORS—Eugene Del Monte, 269 Divisadero to 575 Fillmore.
TAMALES—California Tamale Cafe, 2325 Mission.
MISCELLANEOUS—H. M. Thomas Co. and Schweitzer & Conrad, Inc., 589 Howard.
Vegetable Exchange, Consular Bldg. to 302 Drumm.
ADDRESSES WANTED — Concerns handling Potassium Cyanide.
Seobel & Day, commission merchants. Distributor of "Bricko" a silver polish.
Heischoff Furnace Co.
LEASES—April 17, 24—Mollie Bassett to N Bambrook and D Walker—1719 Ocean av Ingleside Garage & Repair Shop 3 yrs $75 per mo.

LEASES—Mar 1, 24—The Lurie Company to California Camera Club—W Polk 125 N Fell N 30 x W 100 W A 669 15 yrs $27,000.
April 14, 24 — Frederick and Maud Weisgerber to Geo Varellas—SE cor 3rd & Minna 137½ 3rd St 3 yrs $4680
Dec 28, 23—Hugo F and Mary Constance Ramacciotti to Mrs. Kathryn De Sio—Tudor Apts 219 Jones St 5 yrs $5400.
Feb. 2, 24—Mrs. J. Matzger to I Lindeman — SE cor Broderick and Clay No. 2088 Broderick St 2 yrs $1920
Mar 21, 23—Mariane I Stillman to C mos $2160 and option to renew.
J McCarthy—2310 Leavenworth St 24 Fillmore 72-2¼ S Washington S 25-6 x E 91-6 10 yrs $4200.
EXCAVATE; cement flooring, etc., for private garage quarters. $800; 1359-63 Union St.; owner, Mrs. Mary Gotelli, 1334 Vallejo St., San Francisco.
LEASES—April 16, 24 — Leonard G. Seitz to Alfred G. Witt—N Jackson 185-2 E Montgomery E 44 x N 60 5 yrs $6000.
Jan. 31, 24—Ida C Schinkel to Sigmund Marg—SW cor Post & Fillmore Sts 5 yrs $11,500
Feb 25, 24—The Revere Investment Company to J. Schoenbrun, I Bien and J M Bien as I Bien & Company—SW line Market bet 3rd & 4th Sts No 739 Market st 5yrs 4 mos $12,800.
LEASE—April 17, 1924—Amelia Rentschler to Paul Kuppers—S Post 55 W Polk, Marion Apts. No. 1125 Post St., 10 years, $78,000.
LEASES—Feb. 21, 1924—Kernan Robson to Standard laundry Company—W Harrison 220 S 20th S 75 x W 245 M B 43 20 yrs $210,000.
April 10, 24—D W Carmichael to M Moskovitz—SW cor 3rd & Mission No 100 3rd St 20 yrs $127,200.
April 1, 24—Phoenix Realty Company to Victor L Podesta, Narcisco A Baldochi, Amadeo F Podesta, Edward Goeppner, Dante F Bacigaluni and Emil Mangini as Podesta & Baldocchi—NE cor Grant ave and Ashburton place 7 yrs 9 mos $65,100.
April 19, 24—Georg Wendel to I S Geiger—533 Haight St 3 yrs $2340.
——, 24—S T and Martha A Salopek to Charles Mattson and Emma Mattson—562 & 566 Waller St bet. Steiner and Pierce Sts 5 yrs $6450.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

CREAR & BATES

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Official Proposals

NOTICE TO CONTRACTORS

(Mendocino State Hospital—Talmage California)

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to and including **12 o'clock noon, Tuesday, May 20th, 1924,** said bids then and there to be publicly opened and read, for furnishing all plant materials and doing the Mechanical Work required for the Receiving Building, Mendocino State Hospital, Talmage (near Ukiah), California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Separate bids will be received for electric work and mechanical work. Mechanical work will include plumbing and heating. A general bid will also be received for combining both electric and mechanical work. Bids must be submitted on forms prepared and furnished by said Division of Architecture.

Cash, a bidder's bond, made payable to the State of California, or a certified check made payable to the "State Engineer," Department of Public Works, in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of Twenty-five ($25.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works reserves the right to reject any or all bids and waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California and plainly marked on the envelope: "Proposal for Receiving Building, Mendocino State Hospital, Talmage (near Ukiah), California (Mechanical Equipment)."

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.

GEO. B. McDOUGALL,
State Architect.
W. F. McCLURE,
Director of Public Works.

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until **2 o'clock p. m., on May 19, 1924,** at which time they will be publicly opened and read, for construction, in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

San Mateo County, between South San Francisco and Broadway Station (IV-S.M.-68-B), about five and two-tenths (5.2) miles in length to be graded.

Contra Costa County, a bridge across Garrity Creek about one mile west of Pinole (IV-C.C.-14-A) consisting of one 30-foot reinforced concrete girder span.

Fresno County, between 2 miles east of Parkfield Junction and Coalinga (IV-Fre-10-C) ,about six and nine-tenths (6.9) miles in length to be surfaced with crushed gravel or stone.

The foregoing quantities are approximate only, being given as a basis for the comparison of bids, and the California Highway Commission does not, expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work as may be deemed necessary or expedient by the said Commission.

All bids are to be compared on the basis of the State Highway Engineer's estimate of the quantities of work to be done.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: April 21, 1924.

NOTICE TO CONTRACTORS

(Shop Building — Watsonville School District)

Notice is hereby given that sealed proposals are invited and will be opened by the Board of Trustees of Watsonville Union High School District, County of Santa Cruz, State of California, at **7:30 p. m., on the 1st day of May, 1924,** at the office of the High School building, corner of East Third and Lincoln Sts., Watsonville, Calif., for the erection and completion of a shop building for the above named district, in accordance with plans and specifications made for the same by Wyckoff & White, Architects, Growers Bank Bldg., San Jose, California.

Plans and specifications can be secured at the office of Wyckoff & White, Growers Bank Bldg., San Jose, California.

All bids are to be made out on blank forms furnished by the architects and must be accompanied by a check for not less than five per cent of the amount of the bid, made payable to the secretary of the board, and certified to by some responsible banking house. This check to be forfeited in the event that the successful bidder after having been awarded the contract, fails within ten days to sign the contract and furnish a good and sufficient bond as required by law.

The Board reserves the right to reject any or all bids.

Mark all bids "Building Bid" and address to Secretary of the Board of Trustees, Watsonville Union High School District.

T. S. MacQUIDDY,
Secretary of the Board of Trustees,
Watsonville School District.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

NOTICE TO CONTRACTORS

(Mendocino State Hospital—Talmage, Calif.)

Sealed bids will be received by Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California, up to and including 12 o'clock noon, Tuesday, May 20th, 1924, said bids then and there to be publicly opened and read, for furnishing all plant, materials and doing the "General" work required for the erection and completion of Receiving Building, Mendocino State Hospital, Talmage (near Ukiah), California, in accordance with plans and specifications therefor, copies of which may be obtained on application to the Division of Architecture, State Department of Public Works, Forum Building, Sacramento, California.

Such bids will be received for all work complete, other than Mechanical Equipment and must be submitted on forms prepared and furnished by said Division of Architecture.

Cash, a bidder's bond, made payable to the State of California, or a certified check made payable to the State of California, or a certified check made payable to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

A deposit of Twenty-five ($25.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of plans and specifications to the said Division of Architecture, at Sacramento, California, in good condition.

The Division of Architecture, State Department of Public Works reserves the right to reject any or all bids and waive any informality in any bid received.

All bids must be addressed to Geo. B. McDougall, State Architect, Chief, Division of Architecture, Forum Building, Sacramento, California and plainly marked on the envelope: Proposal for "General" work, Receiving Building, Mendocino State Hospital, Talmage (near Ukiah), California.

STATE DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE.

GEO. B. McDOUGALL,
State Architect.
W. F. McCLURE,
Director of Public Works

NOTICE TO CONTRACTORS

Oroville-Wyandotte Irrigation District

Sealed bids will be received by the board of Directors of the Oroville-Wyandotte Irrigation District at the office of the board, Oroville, California, until **11:00 o'clock A. M., May 10, 1924,** for the following works:

21,800 Lineal feet of ditch.

Contract will be let to the lowest responsible bidder. Plans and specifications can be seen at the office of the board, Oroville, California.

W. J. MONRO,
Secretary, Oroville-Wyandotte Irrigation District.

(Continued on Page 26)

Engineering News Section

BRIDGES

SALEM, Ore.—Until April 29, 2 p. m., bids will be rec. by State Highway Commission in Multnomah County Courthouse, Portland, to const. bridge over Myers Creek in Curry County, 11 mi. south of Gold Beach, involv. 165 cu. yds. excavation; 270 cu. yds. conc; 40,000 lbs. metal reinforcement; 290 lin. ft. handrail.

Separate bids, same date, to const. bridge over Canyon Creek in Grant County, at John Day, involv. 250 cu. yds. excavation; 150 cu. yds. conc; 46 lin. ft. wood trestle.

Spec. obtainable from commission on deposit of $5. Roy A. Klein, state highway eng.

WILLITS, Mendocino Co., Cal.—City votes bonds of $20,000 to finance construction of bridges, one in Main St. over Broaddus creek an danother in Valley St. over the same creek.

SUTTER COUNTY, Calif.—J. L. Webster, Chico, at $11,160 awarded cont. to const. 19 timber highway bridges across main canal and lateral canals in Reclamation District No. 1660, Sutter county; lengths of bridges vary from 31 ft. to 53 ft. with spans varying from 11 ft. 2 in. to 17 ft. 2 in. J. Crowley, eng., 301 California Fruit Bldg., Sacramento. Other bids were:

T. H. & M. C. Polk, Chico	$13,250
Geo. W. Tolley, Gridley	16,500
Marders and Hite, Marysville	15,800
Jenkins & Elton, Sacramento	14,940
Delta Constr Co., Sacramento	15,170
John Phillips, Sacramento	17,000

SACRAMENTO, Cal.—At a meeting of the California Highway Commission held in Sacramento, April 16th, 1924, the following award of State highway contract was made: For the construction of a bridge across Van Duzen River, near Alton, in Humboldt County (I-Hum-1-F), consisting of three 163 foot reinforced concrete arch spans and eight 30 foot reinforced concrete girder spans, to Bordwell & Zimmerman, Napa, Cal., at $88,050; engineer's estimate, $93,680.

HUMBOLDT COUNTY, Calif.—Bordwell and Zimmerman, Napa, at $88,050 awarded cont. by State Highway Commission to const. rein. conc. bridge across Van Duzen river in Humboldt County. Eng. estimate $93,680. Structure will be 734 ft. in length and will consist of 3 arch spans 163-ft in length of one 30-ft. approach span at one end and seven 30-ft. approach spans at the other end.

CONTRA COSTA COUNTY, Calif. — Until May 19, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. 30-ft. reinconc. girder span bridge over Garrity creek in Contra Costa county, about 1 mi. west of Pinole. R. M. Morton, state highway eng. **See call for bids under official proposal section.**

PRESCOTT, Ariz.—Until 2 P. M., May 19, bids will be rec. by supervisors of Yavapai county, Ariz., for material and const. of two span steel bridges, center to center abutments 151.85 and 45.18 respectively,- over the Hassayampa river, approx. 13 mi. from Kirkland on the road from Kirkland to Wagoner. Separate bids will be rec. as follows: (1) for material f. o. b. Kirkland; (2) hauling and erection. The work will involve approx. 45 tons structural steel. Plans on file at office of county engr., Prescott, and obtainable on deposit of $10. Cert chk., 5%. L. V. Ingraham, Clerk.

LOS ANGELES, Cal.—City Engr. J. A. Griffin completes plans for renewal or partial repair of 21 bridges listed as doubtful following the Ave 26 bridge collapse. The work to be done will cost about $2,000,000. Of this sum $1,000,000 has been asked at the coming election May 6. The structures to be repaired are: Ave. 26 to cost $60,000; San Fernando road, near Pacoima Wash, $60,000; Malibu road at Santa Inez canyon, $17,000; Tropico bridge, $120,000; Dayton Ave., at Riverside Dr., $160,000; N. Spring St., $200,000; Ave. 60, $85,000; 4th St. at Lorena, $100,000; State St., $61,000; Little Tujunga, $30,000; South Sherman Way, $45,000; Universal City, $40,000; Anaheim St., Wilmington, $40,000; Ave. 52, $42,000; Chatsworth, across San Fernando creek, $25,000; Devonshire St., $15,000; Griffin Ave., $23,000; Hollenbeck Park, $102,000; Lake Shore Ave., $45,000; Marengo St., $75,000; Sherman Way near Tujunga Wash, $120,000; Soto St., $28,000.

SACRAMENTO CO., Cal.—T. H. & M. C. Polk, Chico, at $40,099.14 submit low bid to State Highway Commission to const. 12 rein. conc. bridges in Sacramento county, bet. Old Elk Grove and Sacramento. Engineer's estimate $49,831. Complete list of bids follow:

T. M. & M. C. Polk, Chico	$40,099.14
Frederickson & Shannon, Sacramento	44,258.60
John Phillips, Oakland	45,819.30
Proctor & Cleghorn, Santa Rosa	46,550.00
E. K. Angle, Dos Palos	46,920.40
John Toga & Son, Elzararo	48,014.00
T. M. Burns, Sacramento	50,427.50
Rocca & Caletti, San Rafael	50,686.40
Tibbals Percival & Cress, Sacramento	58,123.50
Kaiser Paving Co., Oakland	60,126.00
Engineer's Estimate	49,831

LOS ANGELES, Cal.—Until 10 a. m., June 2, bids will be rec. by Bd. Pub. Wks. to const. Ninth St. viaduct. The structure will be of reinf. conc. constr., costing about $640,000. Plans on file at office of city engr., J. A. Griffin, 405 s city hall annex.

SAN FRANCISCO—Until April 30, 3 P. M. bids will be rec. by Board of Public Works to construct timber trestles for Bay Crossing Pipe Line of Hetch Hetchy project; est. cost $175,000. Plans and specifications obtainable from Bureau of Engineering, 3rd

SANTA ROSA, Sonoma Co., Cal.—Until May 14, bids will be rec. by W. W. Felt, Jr., county clerk, to const. bridge over Copeland creek; est. cost $2850. E. A. Peugh, county surveyor.

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DREDGING, HARBOR WORKS AND EXCAVATIONS

MERCED, Merced Co., Cal. — J. G. Hoskins, Turlock, awarded cont. by Merced Irrigation District to const. canals in Division 1, Robinson Tract, consisting of 19,500 lin. ft. canal, involv. 30,000 cu. yds. excavation.

Niman and Cook, Turlock, awarded cont. for canals in Division 2, consisting of 13,200 lin. ft. canal, involv. 21,200 cu. yds. excavation.

John Phillips, Oakland, awarded contracts for canals in Divisions 3, 4 and 5, Division 3 consisting of 17,300 lin. ft. canal involv. 12,500 cu. yds. excavation; Division 4, consisting of 13,800 lin. ft. canal involv. 17,800 cu. yds. excavation and Division No. 5, 100 lin. ft. canal, involv. 17,700 cu. yds. excavation

MARYSVILLE, Yuba Co., Cal.—Until May 5, 8 p. m., bids will be rec. by Geo. W. Richards, city clerk, for removal of approx. 23,256 cu. yds. of earth from that portion of Ellis Lake north of 14th St. Bids to be on cu. yd. basis. Cert. check 10% payable to city req. Plans obtainable from clerk on deposit of $2.50. **See call for bids under official proposal section in this issue.**

OROVILLE, Butte Co., Cal.—Until May 10, 11 a. m., bids will be rec. by W. J. Monro, Secty., Oroville- Wyandotte Irrigation District, to const. 21,800 lin. ft. ditch. **See call for bids under official proposal section in this issue.**

IRRIGATION PROJECTS

STOCKTON, San Jaaquin Co., Cal.—County Surveyor F. E. Quail preparing spec. for ferry boat to ply between Bouldin Island and Terminous.

BAKERSFIELD, Kern Co., Cal. — State Eng. W. F. McClure has approved of organization of proposed Buena Vista Water Storage District, covering mainly Miller and Lux lands of the Buttonwillow Ranch; comprises about 80,000 acres. Formation election will probably be held in June, following which bonds will be voted to finance work.

LIGHTING SYSTEMS

LOS ANGELES, Cal. — Council declares inten. to const. lighting systems in following streets:

Vermont Ave., bet. Washington St. and 104.63 ft. s of 58th St., involv. 344 pressed steel ornam. posts.

Grand Ave., bet. Pico St. and 38th St., involv. 174 conc. ornam. posts.

Kenmore Ave., bet. Beverly Blvd. and Third St., involv. 26 conc. ornam. posts.

SUISUN, Solano Co., Cal.—Until May 6, 8 p. m., bids will be rec. by A. N. Trainor, town clerk, to install street lighting system in Main St., Union Ave. and The Plaza. Cert. check 10% req. with each bid. Plans obtainable from clerk.

SACRAMENTO — City Commission petitioned to install electroliers in Montgomery Way, 6th, 7th and 10th Aves., west of Franklin Blvd., and within limits South Curtis Oaks. Property owners will organize electrolier district to finance installation, the city to maintain the system after completion. Albert Givan, city eng.

SANTA BARBARA — The committee appointed by the chamber of commerce to select a suitable lighting post for Carrillo St. lighting system, bet. De La Vina and Canal Sts., has decided on a fluted post, 13.5 ft. from the light centre, of steel constr., with base of cast iron; finished in oxidized copper; the post to be set in conc. at the base, with all wiring in conduit under surface of the street. The standard and lantern, the latter of ornam. metal design, following the Spanish design. Architect Winsor Soule is a member of the committee. The distance to be covered is seven blocks.

GLENDALE, Cal.—Until 10 a. m., May 1, bids will be rec. by council to const. ornam. lighting system in:

Portion of Glendale Ave., involv. 211 posts of the Union Metal steel and cast iron type No. 1747 with General Electric No. 18 lantern and 400 c. p. Mazda lamp.

Broadway, Wilson Ave. and Harvey Dr., involving 77 posts, similar to above.

Plans on file at office of city engr. 1915 bond imp. act. A. J. Van Wie, city clerk.

LANKERSHIM, Cal.—The utilities committee of the chamber of commerce has approved the plans for the new lighting system to be constructed Ventura Blvd.
on Lankershim Blvd. bet. 7th St. and

MACHINERY & EQUIPMENT

SAN FRANCISCO—Board of Public Works authorizes purchase of two motor busses to operate in connection with Muny Rlwy system at $8820 each, delivered f. o. b. San Francisco. Same will be purchased from The White Company.

BAKERSFIELD, Kern Co., Cal.—Until May 5, 8 p. m., bids will be rec. by Boyce R. Fitzgerald, clerk, Kern County Union High School District, to fur. and del. one bus for transportation of pupils. Further information obtainable from clerk.

SAN JOSE, Santa Clara Co., Cal.—Supervisors, Henry A. Pfister, clerk reject bids for sale of two boilers at county hospital, no longer required by county, and new bids have been asked to be opened May 5, 10 a. m. Further information obtainable from clerk.

SAN JOSE, Santa Clara Co., Cal. — Until May 5, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to fur. one McCormick-Deering Ensilage Cutter, type "B". Cert. check 10% payable to clerk. Further information obtainable from clerk.

RAILROADS

LOS ANGELES, Cal.—Colorado Iron & Steel Co. awarded contr. by A. T. & S. F. Ry. to furnish that road with approx. $5,000,000 worth of rails for the double-tracking of its San Joaquin Valley line.

BAKERSFIELD, Kern Co., Cal. — Bakersfield and Kern Electric Railway Co. will expend $100,000 in improvements during 1924. A. G. Wishon is general manager of company.

LOS ANGELES, Cal.—The El Paso & Southwestern Ry. is reported to have purchased 40 acres of industrial land for freight and switching yards. This railway is reported to be contemplating the acquisition of the Tuscon, Phoenix & Tidewater Ry., a projected line from Tucson to Phoenix, 120 mi., and bringing the El Paso & Southwestern 100 mi. nearer the coast than its present terminus at Tuscon. Preliminary plans for extension of the Tucson, Phoenix & Tidewater to Los Angeles have been completed by that road, according to James S. Douglas, president.

LOS ANGELES, Cal.—Southern Pacific R .R. Co. applies to Interstate Commerce Commission to construct 11 miles of railroad in the city of Los Angeles; est. cost $4,097,756.

LOS ANGELES, Cal. — Twohy Bros. Co., Sharon Bldg., San Francisco and Portland, Ore., awarded contract by Pacific Electric Railway Co., Los Angeles, to const. mile-long Hollywood-Glendale-San Fernando tunnel. The new bore will cut seven minutes from the running time between downtown Los Angeles and Hollywood. Construction will be completed in about 18 months at a cost of $3,500,000.

FIRE EQUIPMENT

INGLEWOOD, Cal.—The $30,000 bond issue of a fire engine house and equipment and the $5000 city jail bond issue carried at the election April 14.

RESERVOIRS AND DAMS

BEVERLY HILLS, Cal.—Until 8 p. m. April 28, bids will be rec. by city trustees to const. 250,000-gal. reservoir. Salisbury, Bradshaw & Taylor, consulting engrs., Mortgage Guarantee Bldg., Los Angeles. John G. Soulay, clk.

OROVILLE, Butte Co., Cal.—Until May 5, 1:30 p .m., bids will be rec. by C. F. Belding, county clerk, to const. rein. conc. bridge at Hogs Back bridge site on Ord Ferry road. Plans obtainable from County Rd. Eng. Harry H. Hume.

SOUTH PASADENA, Cal.—R. E. Burgund, Clark Hotel, Los Angeles, submitted low bid to city mgr., R. V. Orbison, at $26,400, for const. 7,000,000-gal. conc. lined reservoir on Garfield Ave. Other bids were: C. E. West, $26,776.35; H. G. Kluzman, $27,463.50; A. A. Alexander, $29,090; Alston & Hoggan, $29,849; Bent Bros., $30,000; Kinne and Westerhouse, $30,850; J. F. Ferguson, $30,998; Clarence P. Day, $31,000; Pierson & Johnson, $31,140; W. M. Ledbetter & Co., $31,379; Ducey & Breitenstein, $32,000; Davis-Heller-Pearce, $32,000; R. A. Garnett, $33,333; Robinson-Roberts Co., $34,270; Chas. D. Soteras, $36,851.87; Mandic, Anderson & Christich, $37,230; deWaard & Son, $37,490; Philip & Hebard, $39,445; Blumenkranz, $43,750; C. F. Green, $51,153.

PHOENIX, Ariz.—Plans have been completed for the Horse Mesa Dam, approx. 300 feet high in the narrow gorge of Salt river. It is also proposed to change approx. 100 mi. of a 45,000 volt transmission line to a 110,000 volt, involv. about $500,000 in transmission line and substation work, and the installation of a 35,000 h.p. hydro-electric power plant. The work involves about $4,500,000. The plans have been prepared and have been approved by the reclamation service. It is planned that that the work will be done under the existing organization of the Salt River Valley Water Users' Assn., which is just completing a 10,000 h.p. installation at Roosevelt Dam and const. of Mormon Flat Dam on Salt River, approx. 225 ft. high. C. C. Cragin, gen. supt. and chief engr.

FLAGSTAFF, Ariz.—Burns and McDonnell, March-Strong Bldg., Los Angeles, requested by city council to pass on plan proposed by John S. Eastwood, hydraulic engr., for the const. of a multiple-arch dam in Schulz Canyon. The reservoir would impound 50,000,000 gals. and cost about $150,000.

PIPE LINES, WELLS, ETC.

TURLOCK, Stanislaus Co., Cal.—Until May 6, 8 p. m., bids will be rec. by A. P. Ferguson, city clerk, to fur. 1100 ft. random lengths 6-in. Matheson joint pipe, asphaltum dipped, or equal delivered freight prepaid Turlock. **See call for bids under oficial proposal section in this issue.**

MACDOEL, Siskiyou Co., Cal.—Until May 8, 2 p. m., bids will be rec. by E. O. Bissell, secy., Butte Valley Irrigation District, to fur. approx. 2320 lin. ft. metal flume, 20-gauge galv. metal, 79.39-in. dia. Bids to be f. o. b. Macdoel. Bidders to furnish specifications.

SACRAMENTO, Cal. — Corning De Saules, city controller, will sell April 23 to highest bidder for cash, 250 ft. more or less, 24-in. steel pipe no longer required by city. Material may be inspected at Y st. bet. 10th and 21st Sts.

LOS ANGELES, Cal.—Until 3 p. m., April 25, bids will be rec. by public service comm., 207 S Broadway, for 400 ft. 36-in. diam. riveted sheet steel pipe. Adv. No. 712-C. Jas. P. Vroman, secretary.

SEWAGE DISPOSAL PLANTS

SAN FRANCISCO—See "Government Work and Supplies" this issue. Bids wanted for pipe, valves and fittings.

POMONA, Cal.—The $25,000 sewer bond issue carried at the recent election. This will provide for an "Elrod" treatment plant.

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SOUTH PASADENA, Cal.—The $25,000 sewage disposal bond issue carried at the recent election, but the $70,000 sewer main issue was defeated.

SONOMA, Senoma Co., Cal. — City trustees contemplate bond issue for between $20,000 and $25,000 to finance sewage disposal improvements.

SAN FERNANDO, Cal.—Election will be held April 29 to vote on $90,000 sewer bond issue. The issue will provide for a sewer system and a disposal plant.

MISCELLANEOUS CONSTRUCTION

RENO, Nevada—Until May 19, 10 A. M., bids will be rec. by E. H. Beemer, county clerk, to install 2 oil burners of ample capacity, protected by automatic no voltage release switches, one to be installed in fire box of steam heating boiler and one to be installed in fire box of water heater at county hospital.

Separate bids to furnish and install, connected to burners, one 1500-gal. steel oil storage tank. Bidders to furnish specifications for burners and tank. **See call for bids under official proposal section in this issue.**

STOCKTON, San Joaquin Co., Cal.—Western States Gas & Electric Co., Channel and Sutter Sts., authorized by State Railroad Commission to sell $750,000 of its 7% preferred stock to finance additions and betterments to system during year 1924.

SUTTER COUNTY, Calif.—Callahan Const. Co. and Smith Bros., Inc., 312 2nd St., Marysville, reject bids and new bids will probably be asked shortly to const. rein. conc. conduit through west levee of Sutter By-Pass, approx. 4½-mi. north of Hinsdale on Sutter Basin branch of S. P. in Sutter county, involv 120 cu. yds. concrete together with flap gate and check. Work is for Reclamation District No. 1660. J. Crowley, eng., 301 California Fruit Bldg., Sacramento. Bidders were: Olympian Dredging Co., San Francisco; Delta Construction Co., Sacramento; John Phillips, Sacramento; M. Bertelino, San Francisco; Jenkins & Elton, Sacramento, Cal.

COLUSA, Colusa Co., Cal. — Ajax Dredging Co., 249 1st St., San Francisco, at $40,000 awarded cont. by Reclamation District 108 to construct outlet to take care of Summer drainage water from rice fields of district. Outlet will carry water by gravity flow through concrete tunnel 120 ft. long and 42 in. dia. into the Sacramento river. Outlet pipe will be 22 ft. below ground level at point it will go under river levee and 42 ft. below top line of levee.

WATER WORKS

BURBANK, Cal.—City trustees declare inten. to const. water system in Monterey Ave., bet. Lincoln St. and 16 ft. west of Orchard Dr., involv. 4-in. black screw pipe, 2-in. wrought iron pipe, valves, etc.; 1911 act. F. S. Webster, city clerk.

SAN BERNARDINO, Cal.—City votes bonds of $275,000 to finance extensions to water system. A system will be constructed to bring the water of Devil Canyon into the city and mains are to be laid in new sections of the city.

ESCONDIDO, Cal. — Escondido Mutual Water Co. has published its construction programme for the present year. It includes lining the main canal upstream from Hell Hole Syphon 23,462 ft. and the installation of a 42-in. steel syphon across Hell Hole creek canyon. This syphon will displace over 15,000 ft. of dirt canal and will be 1800 ft. in length. Jas. B. Dixon is supt. of the company.

SOUTH PASADENA, Cal.—The $85,000 water main bond issue was defeated at the recent election.

STOCKTON, San Joaquin Co., Cal. — Until May 7, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to install deep well turbine pump and installation of water system for fire protection and domestic uses at San Joaquin County General Hospital, near French Camp. Ralph P. Morrell, architect. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from clerk on deposit of $10, returnable. **See call for bids under official proposal section in this issue.**

LONG BEACH, Cal.—Until 10 a. m., April 22, bids will be rec. by City Mgr. C. H. Windham for 2 centrifugal pumping units for water dept. of 2600 and 2750 gals. per min.

LOS ANGELES, Cal.—Bureau of water works (Wm. Mulholland, chief eng) completes plans for 12-in. water main and laterals to be constructed along line of Mulholland Dr., serving territory adjacent to that highway. When plans are approved a special bonding dist. will be formed and a vote taken on the bond issue. Two separate systems will be maintained, one west of Cahuenga Pass to be supplied from the upper Franklin Reservoir, while the system east of the Pass will be supplied from Weid Canyon Reservoir.

EL CENTRO, Cal.—The $200,000 bond issue to imp. and extend city water system carried at the recent election. Work proposed includes a new salt basin, additional machinery, a filtre together with larger water mains for fire protection.

FRESNO, Fresno Co., Cal. — Fresno City Water Co. will expend $184,000 in improvements to its system during the year 1924. Chas. B. Jackson, general manager of company.

ALTURAS, Modoc Co., Cal.—Johnston Pump Co., Los Angeles, awarded cont. by city trustees to install two pumps and motor at water works. M. L. Kerr awarded contract to erect structure to house the equipment.

OAKDALE, Stanislaus Co., Cal.—City trustees plan to purchase pump for water works, capable of delivering 600 gals. per min.

SAN DIEGO, Cal.—The $3,500,000 water bond issue will be voted on at special election, May 20. Allen H. Wright, city clerk.

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PLAYGROUNDS AND PARKS

SACRAMENTO, Cal.—Until April 28, 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education, to fur. and lay approx. 10,000 sq. ft. conc. for tennis court pavement. Cert. check 10% payable to Board of Education req. Specifications obtainable from secretary.

PALO ALTO, Santa Clara Co., Cal.—City council contemplates election to vote bonds to finance park developments. J. F. Boybee, Jr., city eng.

CHICO, Butte Co., Cal.—Chico Golf Club contemplates erection of a new clubhouse and the construction of a 18-hole golf course. A club house costing $10,000 is planned. Funds will probably be raised by popular subscription.

REDWOOD CITY, San Mateo Co., Cal—West Coast Nursery Co., Menlo Park at $3258 awarded cont. by Sequoia High School District, to fur. and plant trees and shrubs in high school grounds.

SEWERS & STREET WORK

COVINA, Cal.—City trustees declare inten. to imp. Badillo Ave., bet. Adams Park Dr. East and Hollenbeck St., and portions of Hollenbeck St., San Bernardino Rd., Adams Park East, const. cem. walks, 5-ft. in width; 1911 act. John C. Hutchinson, city clerk.

POMONA, Cal.—Until 2 p. m., April 29, bids will be rec. by council to imp. 2nd St., bet. Oak Ave. and west city limits; grade and const. cem. conc. curbs, 6-in. conc. pavement at street intersections; 1911 act. T. R. Trotter, city clerk.

KELSO, Wash.—United Contracting Co., Portland Ore., at $86,531.60 awarded cont. by city council to pave streets with 3-in. asph. conc. base with 2-in. Warrenite bitum surface.

CLAREMONT, Cal.—The $60,000 sewer bond issue carried at recent election. O. A. Gierlich, Monrovia, engineer in charge.

REDWOOD CITY, San Mateo Co., Cal.—G. Del Bianco, Redwood City, at $1,419 awarded cont. by Sequoia High School District to const. concrete walks in high school grounds.

SAN ANSELMO, Marin Co., Cal. — Bids will be asked shortly by Sanitary District No. 1, Marin County, to const. proposed Gratan Park sewer system. C. C. Kennedy, engineer, 74 New Montgomery St., San Francisco.

SAN BERNARDINO, Cal.—Until 7:30 P. M., May 5, bids will be rec. by council to imp. 21st St., bet. E and G Sts. grade and pave with 4-in. cem. conc.; 1911 act.

Separate bids to imp. B St., bet. Base Line St. and Florence Hts. subdivision. Grade; pave with 4-in. concr. const. curbs, walks; 1911 act.

SAN FRANCISCO—Board of Public Works rejects bid of A. J. Granfield, only bid received, to grade yard at Washington Irving School. New bids will probably be asked. 28

LASSEN COUNTY, Calif.—Warren Const. Co., Bacon Bldg., Oakland, at $47,921 submits low bid to State Highway Commission to surface with crushed gravel or stone, 9-7-mi. in Lassen county bet. Janesville and 4-mi. west of Milford. Isbell Const. Co., Fresno, only other bidder at $61,242. Engineer's estimate $57,955.

HANFORD, Kings Co., Cal.—California Const. Co., Hanford, at $684.60 awarded cont. by city trustees to imp. portions of Myrtle St., involv. 568 lin. ft. cem. curbs; 820 sq. sq. 5-in. cem. gutters and 11,709 sq. ft. grading. I. W. Simpson, Hanford, bid $1087.

SAN FRANCISCO—Until April 30, 3 p. m., bids will be rec. by Board of Public Works to grade Jerrold Ave., bet. Newhall and 3rd Sts. Est. cost $8,500. Spec. obtainable from Bureau of Engineering, 3rd floor, City Hall.

BLYTHE, Cal.—$21,000 sewer bond issue carried at recent election.

SAN ANSELMO, Marin Co., Cal. — Hosler and Stanley at $4293.10 awarded cont. by Sanitary District No. 1, Marin County, to const. 3000 lin. ft. 6-in. sewer, $.86 lin. ft; 1358 lin. ft. 8-in. sewer, $.72 lin. ft; 15 6-in. wye branches, $.75; 4 8-in. wye branches $1; 12 manholes, $60 each. C. C. Kennedy, eng., 74 New Montgomery St., San Francisco. Other bids were: M. Bertolini, $10,502; Chambers and De Golyer $5090; W. T. Tobin, $5908.60; T. E. Clinch, $8711.30; D. Prola, $7191.86; and Boroni Co., $4900.

LOS ANGELES, Cal.—Chas. Thompson, 701 Brockman Bldg., submitted low bid to Bd. Pub. Wks at $93,000 to const. portion of Sec. 7, North Outfall Sewer, bet. Sta. 313 plus 50 and Sta. No. 331 plus 22.50, involv. const. of inverted siphon, approx. 1770 ft. in length, of 3 reinf. conc. pipe lines, each 78-in. dia., carried on a conc. cradle. There will be 1715.7 ft. double conc. pipe and 54 ft. reinf. conc. pipe with vit. tile lining. Other bids were. Thos. Haverty Co., $117,265; C. E. Green, $130,000; Ira J. Lyons, 1135 Poinsettia Pl., $137,900; Atkinson-Spicer Co., $148,969; Thos. Kelly & Sons, Inc., 601 Hill Street Bldg ($15 S Hill St.), $159,450; Brandon & Glass Co., 1328 N New Hampshire Ave., $177,000.

SAN FRANCISCO—Until April 30, 3 p. m., bids will be rec. by Board of Public Works to imp. Oakdale Ave. bet. Lane and Railroad Ave. and Mendell St., bet. Newcomb and Railroad Ave., involv. grading; reset granite curbs; const. br. catchbasins; 10-in. vit. pipe culverts; const. granite curbs and art. stone walks; pave with asph. conc. Est. cost $20,000. Spec. obtainable from Bureau of Engineering, 3rd floor, City Hall.

SANTA BARBARA, Cal.—A. L. Pendola, Santa Barbara, awarded contr. by council to imp. Bath St., bet. 1st and 3rd sts. at 25c sq. ft. 1½-in. asph. conc. wearing surface on 4-in. cement conc. base; $1.35 ft. comb. conc. curb and gutter, 3 ft. wide; 75c ft. curb; 25c ft. gutter; $35 per lateral side connections; $125 stub sewer complete bet. 1st and 2nd sts., $125 for stock sewer complete.

Pendola awarded cont. to imp. Los Olivos St., bet. Santa Barbara and Garden Sts., involv. 1½-in. asph. conc. paving on 4-in. conc. base at 25c sq. ft.; combined curb and gutter at $1.35 ft.; curb at 80c ft; cem. gutter at 25c ft; $400 main sewer complete; $35 per lateral side connection.

LOS ANGELES, Cal.—Geo. R. Curtis, 2440 E 26th St., submitted low bid to Bd. Pub. Wks. to imp. 8th Ave., bet. Washington and Adams Sts., involving grading at $7000 (lump sum); 3442 sq. ft. bitum. base paving 12c ft.; 836 sq. ft. conc. paving 31c ft.; 99,738 sq. ft. Warrenite-bitul. paving 29.25c ft.; 93 ft. curb 90c ft; 3447 sq. ft. walk 22c ft; 5158 sq. ft. gutter 31c ft; 60 ft. hse. sewers, $2 ft.

Griffith Co., L. A. Ry. Bldg., low to imp. 87th St., bet. Figueroa St. and Hoover St., involv. grading at $3000 (lump sum); 54,486 sq. ft. asph. paving 23c ft.; 959 sq. ft. conc. paving 24c ft.; 11,374 sq. ft. oil and roll 7c ft.; 3503 ft. curb 65c ft.; 17,188 sq. ft. walk 20c ft.; 5894 sq. ft. conc. gutter 26c ft; san. sewer $9000 complete.

Geo. R. Curtis, 2440 E 26th St. low to imp. Ave. 32 bet. Carlyle St. and Verdugo Rd., involving grading at $11,000; 26,496 sq. ft. Warrenite-bitul. paving 26.25c ft.; 1853 ft. curb 70c ft.; 9255 sq. ft. walk 22c ft.; 1939 sq. ft. gutter 31c ft.; san. sewer, $4350.

SAN DIEGO, Cal.—County supervisors order spec. prepared to pave 3-mi. of Mission Rd., bet. Oceanside and Bonsall, forming a connection betw. the coast and inland routes.

SAN FRANCISCO—Until April 30, 3 p. m., bids will be rec. by Bd. Pub. Wks. to imp. Hawes St., betf. Hudson and Innes Aves., involv. 476 lin. ft. granite curbs; 425 sq. ft. art. stone walks; 17,300 sq. ft. asph. conc. pavement; est. cost $6000. Spec. obtainable from Bureau of Engineering. 3rd floor, city hall.

SAN FRANCISCO—Until April 30, 3 p. m., bids will be rec. by Bd. Pub. Wks to imp. Chilton Ave. from Bosworth west to its southerly termination, involving 2150 cu. yds. cut; 800 lin. ft. conc. curb; 10,000 sq. ft. conc. pavement; est. cost $6000. Spec. obtainable from Bureau of Engineering, 3rd floor, city Hall.

SANTA ANA, Cal.—B. R. Ford, 417 W 17th St., Santa Ana, awarded contr. by city trustees at $10,645 to imp. E Sand W 15th St. bet. N Broadway and French St., involv. 54,341.2 sq. ft. grading and paving with conc. 19.5c ft.; 116.09 ft. curb 40c ft.

SANTA MONICA, Cal.—Kneen Paving Co., Dudley Bldg., Santa Monica, awarded cont. by council at $8769 to pave Princeton St., 2 blocks, with oil and rock pavement.

LA HABRA, Cal.—Until 2 p. m., May 6 bids will be rec. by secy. of La Habra Sanitary Dist., Orange county, to fur. materials and labor to const. sewage collection system and treatment works. The work will involve 1625 ft. 15-in. 3093 ft. 12-in., 5857 ft. 10-in., and 2238 ft. 8-in. sewer pipe laid; 12 ft. 16-in., 120 ft. 12-in., 48 ft. 10-in. and 60 ft. 8-in. class A cast iron pipe laid; 42 manholes; 5 15x4 wyes; 200 12x4 wyes; 100 10x4 wyes; 20 10x6 wyes; 10 8x4 wyes; 10 8x6 wyes, and one "Elrod" process sewage treatment plant complete. Cert. check $2000, payable to L. Lindauer, pres. of the board. Plans on file at office of the secy of board, copies of which may be secured from Elrod Engineering Co., consulting engrs. Mills-Fraser Bldg., Santa Monica, upon deposit of $10. L. J. Wester, secy.

GILROY, Santa Clara Co., Cal.—Until April 23, bids will be rec. by city trustees to imp. various streets involving 137,000 sq. ft. conc. gutter; 26,000 sq. ft. conc. walks; 1,200,000 ft. 4-in. asph. base with 1½-in. Warrenite surface; 200,000 sq. ft. 4-in. asph. base with 2-in. Warrenite surface; 150,000 sq. ft. resurface pavement, (1½-in. Warrenite); 25,000 lin. ft. conc. curb; 500 lin. ft. galv. iron culvert; 1000 lin. ft. 8-in. 9000 lin. ft. 10-in., 2500 lin. ft. 12-in., 1000 lin. ft. 15-in., and 1500 lin. ft. 18-in. vit. pipe; 63 catchbasins; 46 manholes; 3000 lin. ft. r.w. headers boardds. 1911 Act & Bond Act 1915. Plans obtainable from city clerk.

OAKLAND, Alameda Co., Cal.—Until April 24, 12 M, bids will be rec. by Eugene K. Sturls, city clerk, to imp. portions of Cherry St., involv. grade and pave; const. curbs, gutters and walks. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

WILLITS, Mendocino Co., Cal.—City votes bonds of $10,000 to finance construction of sewers.

SAN FRANCISCO—Until April 30, 3 p. m., bids will be rec. by Bd. Pub. Wks to imp. Van Buren St., bet. Surrey and Sussex Sts., and Surrey bet. Swiss and Chenery Sts., involv. 714 lin. ft. conc. curb; 7427 sq. ft. conc. pavement; 1148 sq. ft. asph. conc. pavement; 1 br catch basin; 18 lin. ft. 10-in. ironstone pipe culvert; 118 sq. ft. art. stone walks; est. cost $4000. Spec. obtainable from Bureau of Engineering, 3rd floor, City Hall.

TUCSON, Ariz.—Borderland Constr. Co., Inc., awarded contr. by council to imp. S 6th Ave., involv. 28,400 sq. yds. subgrade at 30c yd; 3060 lin. ft. 18-in. curb at 75c ft; 1800 ft. 14-in. curb at 70c ft; 1900 ft. 16-in. gutter at 65c ft; 760 lin. ft. 32-in. gutter at $1.05 ft; 9300 sq. yds. 1½-in. asph. conc. surface on 2½-in. bitum. base paving at $1.57 yd; 8 survey monuments at $10 each; 5640 lin. ft. 3-in. by 8-in. wooden headers at 15c lin. ft.

OAKLAND, Cal.—Until May 1, 12 M., bids will be rec. by Eugene K. Sturgis, city clerk, to imp. Kansas St., between Maple and Midvale Ave., involv. grade and pave with oil macadam; construct conc. curbs, walks, culvert and inlets. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

SACRAMENTO, Cal.—Until April 28, 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education to fur. and lay approx. 10,000 sq. ft. conc. for tennis court pavement. Cert. check 10% payable to Board of Education req. Specifications obtainable from secretary.

POMONA, Cal.—The $400,000 bond issue to imp. streets carried at the recent election.

SANTA ANA, Cal.—B. R. Ford, 417 W 17th St., Santa Ana, awarded contr. by city trustees at $21,366 to improve W. Highland St., involv. 104,620.6 sq. ft 5-in. conc. paving 19.5c ft.; 1635.2 ft. curb 40c ft.; 777 ft. 4-in. sewer laterals 40c ft.

LOOMIS, Placer Co., Cal. — Loomis Sanitary District was organized at recent election and election will be held shortly to vote bonds to finance construction of a sewer system. Trustees of the districts are: Dr. Seth Law. Gary Doty, E. D. Dunton, W. Ogden and C. Williford.

SAN RAFAEL, Marin Co., Cal—Guerin Bros., 425 Fourth St., San Francisco at $53,858 awarded cont. by supervisors to grade portions of Manzanita and Bolinas road.

SAN DIEGO, Cal.—Council declares inten. to imp. Columbia and Maple Sts. involv. 72,027.68 sq. ft. of paving with 3-in. bitum base with 2-in. asph. conc. top; 184,307.79 sq. ft. paving with 2½-in. bitum. base and 1½-in. asph. conc. top; 11,949.44 sq. ft. cem. conc. sidewalk; 2710.76 lin. ft. cem. conc. curb; 250 lin. ft. 6-in. cem. conc. sewer main; 18 6-in. cem. conc. sewer laterals, 14 4-in. cem. conc. sewer laterals. F. A. Rhodes, city engineer.

OAKLAND, Cal.—Until May 1, 12 M, bids will be rec. by Eugene K. Sturgis, city clerk, to imp. portions of Frances St., involv. grading and paving; const. curbs, gutters and walks. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

LOS ANGELES, Cal.—Geo. H. Oswald 366 E 58th St., awarded contr. by supervisors at $188,549 for imp. Whittier Blvd., bet. Pasadena Ave. and Montebello, under County Imp. No. 52. United Bldg. & Finance Co., 1252 N Fair Oaks, Pasadena, awarded contr. at $10,908 to imp. Wallace St., bet. Inglewood Ave. and first alley west, and portions of other streets, under County Imp. No. 56.

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LOS ANGELES, Cal. — City council petitioned to pave West Adams St., bet. Montclair St. and Culver City limits. Other petitions call for street improvements totaling 63 mi., with an estimated cost for pavement alone of $5,553,000.

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, clerk, declares inten. to imp. Atlanta St., bet. Bird and Delmas Ave., involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base. 1911 Act and Bond Act 1915. Protests May 5. Wm. Popp, city engineer.

SAN JOSE, Santa Clara Co., Cal. — Council, J. J. Lynch, city clerk, declares inten. to imp. State St., bet. Oak and Duane Sts., involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curbs, gutters and walks. 1911 Act and Bond Act 1915. Protests May 5. Wm. Popp, city eng.

ANTIOCH, Contra Costa Co., Cal.—City trustees petitioned to pave two blocks of Tenth St., bet. G and I and two blocks of H St., bet. 8th and 10th Sts. Taken under advisement.

SAN JOSE, Santa Clara Co., Cal. — Council, J. J. Lynch, clerk, declares inten. to imp. William St., bet. Delmas and Bird Sts., involv. grade and pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs, gutters and walks; 1 br. catchbasin; 8-in. vit. pipe drains; 7 hyd. cem. conc. storm water inlets; 1 br. manhole. 1911 Act & Bond Act 1915. Protests May 5. Wm. Popp, city engineer.

SANTA ROSA, Sonoma Co., Cal.—Until May 14, bids will be rec. by W. W. Felt, Jr., county clerk, to const. extension of Western Ave. near Petaluma. Est. of County Surveyor E. A. Peugh, $24,000.

SANTA CRUZ, Santa Cruz Co., Cal.—City council receives two petitions seeking paving of South Branciforte, one for conc. pavement and another for asphaltic pavement with 4-in. crushed rock base. Taken under advisement. S. A. Evans, city clerk.

RICHMOND, Contra Costa Co., Cal.—L. L. Page, Richmond, at $5977 awarded contract by council to imp. Orchard Ave., from San Pablo Ave. to its s.w. paving with 8-in. Richmond Standard macadam; cem. conc. curbs, gutters and walks. Hutchinson Co. bid $6041.

SAN ANSELMO, Marin Co., Cal. — Chambers and DeGolyer, Bacon Bldg., Oakland, at $6771 awarded cont. by town trustees to const. vit. pipe sanitary sewer with wye branches in Red Hill, Sonoma Aves, etc., const. br. and conc. manholes wit hc. i. frames and covers and vit. pipe lampholes with c. i. frames and covers.

LOS ANGELES, Cal.—Geo. H. Oswald 366 E 58th St., awarded cont. by Bd. Pub. Wks. at $77,378.50 for imp. Normandie Ave., bet. Jefferson St. and 10 ft. s of Santa Barbara Ave., involving grading at $10,000 (lump sum); 1494 sq. ft. conc. paving 28c ft.; 207,752 sq. ft. Warrenite-bitul. paving 29c ft.; 11,489 sq. ft. bitum. base paving 12c ft.; 586 ft. curb 70c ft.; 2092 sq. ft. cem. walk 22c ft.; 11,221 sq. ft. gutter 32c ft; cem. pipe san. sewer, $400; 276 ft. hse. sewers $1.75.

Warren Constr. Co., 5444 Hollywood Blvd., awarded cont. at $10,717 to imp. Adair St., bet. Washington St. and first alley s.w. involv. grading at $2100 (lump sum); 3757 sq. ft. conc. paving 25c ft; 20,501 sq. ft. Warrenite bitul. paving 27.9c sq. ft.; 104 sq. ft. bitum. base paving 12c ft.; 471 ft. curb 80c ft; 5564 sq. ft. walk 22c ft.; 1079 sq. ft. gutter at 32c ft.

SANTA ROSA, Sonoma Co. — Proctor and Cleghorn, Santa Rosa, at $9672 awarded contr. by supervisors to const. Penngrove highway in First Supervisorial District, involv. 694.4 cu. yds. A conc. pavement or 36,000 sq. ft. asph. conc. base with Willite composition wearing surface; 28.34 cu. yds. A conc. in walls and culvert; 1360 lbs. reinforcing steel in culvert and walls; 600 cu. yds. unclassified excavation.

FRESNO COUNTY, Cal.—Until May 19, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to surface with crushed gravel or stone, 6.9-mi. in Fresno county bet. 2-mi. east of Parktield Junction and Coalinga. R. M. Morton, state highway eng. **See call for bids under official proposal section.**

BURBANK, Cal. — City trustees declare inten. to imp. Lincoln St., bet. Sherman Way and Central Ave., grade; pave with oil rock macad. 3-in. thick, const. conc. curbs, curb returns, etc.; 1911 act.

Inten declared to improve Lamer St., Magnolia and Clark Aves., grade; pave with 3-in. oil and rock macad., const. conc. curbs, walks and curb returns; 1911 act. F. S. Webster, city clerk.

SAN JOSE, Santa Clara Co., Cal. — County Surveyor Robt. Chandler instructed to prepare spec. to imp. Prospect rd. from Saratoga Ave. to Saratoga and Mountain View Rd.

POMONA, Cal.—According to F. C. Froehde, city engr., the first work to be done under $400,000 street bond issue will be East Holt Ave., West Holt Ave., South Garey Ave. and Towne Ave. The issue will make possible approx. $800,000 street work.

SAN DIEGO, Calif.—Gilmore Oil Co., San Diego, at $14,017.44, under Specification No. 4961, awarded contract by Bureau of Yards and Docks, Navy Department, to improve parade grounds at San Diego; time for completion, 60 days.

FRESNO, Fresno Co., Cal—City council, H. S. Foster, clerk, declares inten. (No. 14-D) to imp. Vagedes Ave., bet. Hedges and Weber, involv. grading; const. conc. curbs, gutters and driveway approaches; cem. conc walks; corrugated metal culverts with manholes; pave with 3½-in. asph. conc. base with 1½-in. asph. conc. top course with liquid asph. rock screening surface coat. 1911 Act. Protests May 8. Wm. Stranahan, city eng.

HAWTHORNE, Cal. — Petitions are being circulated to imp. following sts:

Hawthorne Blvd. from Los Angeles and Redondo road south to short st. (Palos Verdes hills), approx. 27,720 lin. ft. This will be imp. by 6-in. concrete pavement, 20 ft. wide, and culverts; est. cost, $181,620.

Hawthorne Ave., from Los Angeles and Redondo Blvd. to Torrance, 2.58 mi., to be paved with Willite, 5-in. thick, 20 ft. wide; est. cost, $52,670.75.

SAN JOSE, Santa Clara Co., Cal.—County Surveyor Robt. Chandler instructed to prepare spec. to imp. following roads in Supervisor District No. 5 Oak St., Morton, Burns and Hays Avenues.

LOS ANGELES, Cal.—County supervisors plan to form sewer district to serve Inglewood, Hawthorne, Lennox, Torrance and Lomita with an outfall to the ocean.

SAN MATEO COUNTY, Calif.—Until May 19, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to grade 5.2-mi. in San Mateo county, bet. South San Francisco and Broadway Station. R. M. Morton, State Highway Eng. **See call for bids under official proposal section.**

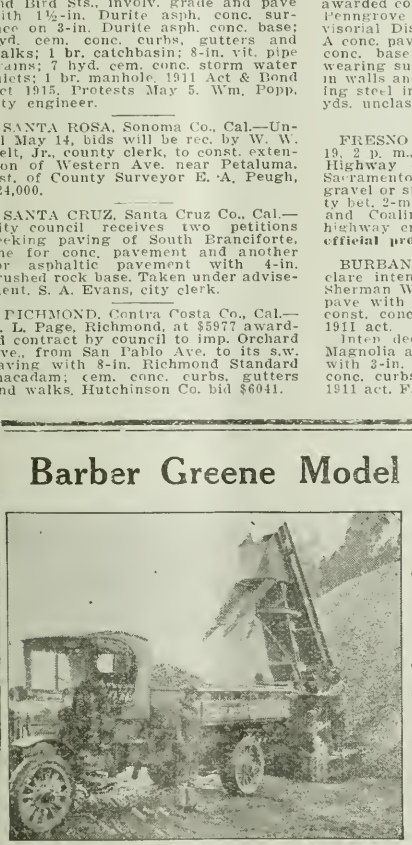
SAN ANSELMO, Marin Co., Cal.—Pacific States Construction Co., Call Bldg. San Francisco, at $132,261.44 awarded cont. by town trustees to imp. Ross, Woodland, Sunstead Aves., etc., involving grading; const. conc. curbs and gutters; sanitary sewers; vit. pipe storm drains and corru iron pipe culverts; segmental iron culverts; conc. catchbasins, headwalls and manholes; 6-in. tile drains; 8-in. intercepting and outlet sewer and pave with 2-in. asph. conc. surface on existing macadam where same is not less than 3-in. thick and upon existing macadam base reinforced with asph. conc. where surface of existing macadam is bet. 2 and 4-in. below grade of finished improvement and upon which an asph. conc. base exists within 4-in. of surface of finished pavement.

LONGVIEW, Wash.—Until April 30, bids will be rec. by Long-Bell Lumber Co., Wesley Vandercook, ch. eng., for paving project involv. 64,165 sq. yds. 6-in. and 20,570 sq. yds. 5-in. pavement; 94,321 sq. ft. 3½-in. cem. conc. walks; 26,603 lin. ft. comb. curb and gutter; 2843 lin. ft. single curb.

Bids will be received for proposals A, B, C, or D, supplying all superintendence, labor, work animals, equipment, tools and materials and for proposal E, supplying superintendence, labor, etc., the company furnishing materials. Bids will also be received for asphaltic concrete pavement and Warrenite-Bitulithic wearing surface.

ALHAMBRA, Cal.—Culjak & Bebek (Culjak, 1824½ N. Brannick St., Los Angeles) awarded contr. by city commission at $96,410.20 to const. new city sewer system.

Barber Greene Model 42 Loader



Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

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SAN FRANCISCO—Municipal Const. Co., 306-12th St., Oakland, at $34,894.85 awarded cont. by Board of Public Works to imp. Marina Blvd., between Steiner and Lyon Sts. Project involv. 87,907 sq. ft. asph. pavement with 6-in. foundation, 1½-in. binder course and 1-in. wearing surface; 20,808 sq. ft. art. stone walks; 3204 lin. ft. conc. curb; 6608 sq. ft. vertical fibre brick gutter; 650 lin. ft. r.w. header; 510 lin. ft. pipe culvert; 50 lin. ft. 15-in. pipe sewer; 268 lin. ft. 12-in. pipe sewer; 100 lin. ft. 10-in. pipe sewer; 13 12-in. wye branches; 1 brick manhole; 17 brick catchbasins.

PLACENTIA, Cal.—The $85,000 sewer bond issue carried at recent election; dist. will immediately join with joint outfall to ocean and will build its own line of 4 mi. from the junction point to the Placentia district. The inner lines and connections and laterals will be built under the 1911 act. The sanitary board consists of W. W. Krick pres.; C. E. Haiber, Warren Bradford, Ole Christenson; and William Cober, clerk.

EUREKA, Humboldt Co., Cal. — County Surveyor A. J. Logan making surveys for 2.6-mi. of road on Maranda Salmon Creek road, the survey to run from Blocksburg-Alderpoint junction to Paul's Point.

LOS ANGELES COUNTY, Cal.—G. H. Oswald, 366 E-58th St., Los Angeles, awarded cont. by State Highway Commission at $183,863.50 to pave 2.8-mi. bet. Pasadena Ave. and Montebello with cem. conc. and asph. conc. surfacing. Engr's est., $199,056. Project involv. 18,120 cu. yds. roadway excavation without classification; 2680 cu. yds. old macadam removed; 46,680 cu. yds placing old subbase; 10,450 lin. ft. class A cem. conc. curb; 84,620 sq. ft. A cem. conc. gutter; 37,280 sq. yds. B cem. conc. base; 37,280 sq. yds. asph. conc. surface; concrete culverts.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, appropriates $88,360 to finance city shares of cost to open Jefferson street bet. 17th St. and San Pablo Ave. W. W. Harmon, city eng.

SAN JOSE, Santa Clara Co., Cal.—Until April 28, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. Julian Ave., bet. 17th and 21st Sts involv. grade and pave with 2-in. Warrenite-Bit. surface on 3½-in. bituminous conc. base; hyd. cem. conc. curbs, gutters, and walks; 1 br. manhole; 14-in. vitrified pipe storm water sewer drain; 1 cem. conc. storm water inlet 10-in. vit. pipe drains. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

REDWOOD CITY, San Mateo Co., Cal —Until May 5, 10 a. m., bids will be rec. by Elizabeth M. Kneese, county clerk, to repair and pave portions of San Gregorio to Pescadero rd., from Pomponia Creek southerly, in Fifth Road District. Cert. check 10% payable to county req. Plans obtainable from County Surveyor Geo. A. Kneese.

SANTA MONICA, Cal.—Until 10 a. m. April 24, bids will be rec. by council to imp. Wilshire Blvd. bet. Ocean Ave. and n.e. city limits involv. 1,032,097 sq. ft. grading, 760,131 sq. ft. Warrenite-bitul paving on asph. conc. base, 36,797 sq. ft. walk, 20,138 sq. ft. curb, 200 post lighting system, reconst. storm drains, etc. There will also be removed the following: 12,784 ft. curb, 11,760 sq. ft. walk, 1141 trees. Est. cost, $400,000. (Note—The city engr. does not guarantee the above figures to be correct and refers prospective bidders to the plans).

SAN FRANCISCO—Board of Public Works completes spec. to imp. Folsom St., bet. Crescent and Ogden Aves. Est. cost $1755. Project involves 300 cu. yds. cut; 1300 cu. yds. fill.

SAN DIEGO, Cal.—David H. Ryan, 1615 Fern St., Submitted low bid to council at $30,795 to imp. Girard Ave. and Coast Blvd., involv. 118,601 sq. ft. 5-in. conc. paving 24.5c ft; 291.4 sq. ft. walk 25c ft; 120 ft. curb 75c ft.; 3 culverts complete $435; one 6-in. cem. sewer lateral $40 1 4-in conc sewer lateral $35; iron pipe guard railing $900; miscellaneous at $165.

OFFICIAL PROPOSALS

(Continued from Page 20)

BIDS WANTED FOR PALO ALTO SCHOOL ADDITION

NOTICE TO CONTRACTORS

The Board of Education of the Palo Alto City School District, Santa Clara County, California, will receive sealed proposals up until **7.30 p.m. May 8, 1924** at 549 Channing Avenue, Palo Alto, California, at which time and place said bids will be opened and read in public for furnishing the required labor and materials for the proposed additions to the Walter Hays School, in accordance with plans and specifications prepared therefor by Birge M. Clark, Architect, 600 Embarcadero Road, Palo Alto, California.

Bids will be received on one general contract.

Cashier's or certified check for bidder's bid for amount not less than five per cent of amount of bid shall accompany each proposal, drawn payable to the order of A. C. Barker, secretary of the Board of Education, as a guarantee that the bidder will, if requested within five days after receiving notice of the acceptance of bid enter into a contract with said Board of Education in accordance therewith and furnish the required bonds.

Said check or bond is to be forfeited to the Board of Education should the bidder fail to execute contract and bonds as above mentioned.

All bids are to be made out on forms furnished by the Architect.

Plans may be obtained from the office of Birge M. Clark, Architect, 600 Embarcadero Road, Palo Alto, California, upon the deposit of $10.00, which deposit will be refunded to the bidder when plans and specifications are returned in good condition.

The said Board of Education reserves the right to reject any and all bids and waive any informality in any bid received.

By order of the Board of Education of the Palo Alto City School District.

By A. C. BARKER,
Secretary.

Dated April 19, 1924.

(The addition consists of two new class rooms and certain new partitions; frame construction, stucco exterior, tar and gravel roof, very little heating and plumbing, estimated cost $12,000 to $14,000.)

NOTICE TO CONTRACTORS

(City of Marysville—Dredging)

Pursuant to a resolution of the Mayor and Common Council of the City of Marysville directing this notice, said Mayor and Common Council hereby invites sealed proposals or bids for the removal of approximately 23,256 cubic yards of dirt from that portion of Ellis Lake situated north of Fourteenth street, in the City of Marysville, and deposit the same along the shore line thereof in accordance with plans and specifications for doing said work on file in the office of the City Clerk of the City of Marysville.

All bids shall be made on a cubic yard basis.

All proposals or bids shall be accompanied by a check payable to the City of Marysville, certified by a responsible bank for an amount which shall not be less than ten (10) per cent of the aggregate of the proposal, and to be forfeited to the City in case the bid accompanying the same shall be accepted and the bidder refuses to enter into a contract for the doing of said work within ten days after the notice of acceptance of said bid.

Said Mayor and Common Council hereby reserves the right to reject any and all bids.

Said sealed proposals or bids shall be delivered to the Clerk of the said City on or before eight o'clock p. m., on Monday, the 5th day of May, 1924. Bids will be opened on said day and hour.

Copies of said plans and specifications may be furnished to proposed bidders upon their depositing $2.50 with the City Clerk of said city.

Dated: April 17th, 1924.

(Seal) GEO. W. RICHARDS,
Clerk of the City of Marysville.

NOTICE TO CONTRACTORS

(Pump, Fire Escapes—San Joaquin County)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Supervisors of San Joaquin County, California, at the office of said Board in the City of Stockton, **until 11 o'clock A. M. of Wednesday, May 7, 1924,** for the installation of a water system for fire protection and domestic uses at the San Joaquin General Hospital, near French Camp, California, in accordance with plans and specifications prepared by M. W. Hild and adopted and filed by said Board April 9, 1924, and to which bidders are particularly referred, and for providing and installing wrought iron metal fire escape balconies and ladders on the north and south sides of the Courthouse at Stockton, California, in accordance with plans and specifications prepared by Architect Ralph P. Morrell and adopted and filed by said Board April 9, 1924, and to which bidders are particularly referred.

Duplicate plans and specifications may be obtained at the office of the Board of Supervisors upon depositing the sum of $10.00 to insure the prompt return of same on or before the expiration of seven days.

All bids must be made on forms to be obtained at the office of the Board of Supervisors, and presented in sealed envelopes addressed to the Board of Supervisors and marked to indicate the work for which bid is submitted.

All proposals must be accompanied by United States currency or certified check made payable to the chairman of the said Board of Supervisors in the sum of 10 per cent of the amount of the bid or by a bond for such amount, and two bonds, each equal in amount to 50 per cent of the contract price, will be required of the successful bidder.

The Board reserves the right to reject any or all bids.

By order of said Board made April 9, 1924.

EUGENE D. GRAHAM, Clerk.
By S. A. CARTER, Deputy Clerk.

(County of Monterey — Courthouse Equipment)

Office of the Board of Supervisors, County of Monterey, ss.

Sealed bids will be received by the clerk of the Board of Supervisors of Monterey County, at his office, until **2 o'clock p. m., on the 5th day of May, 1924,** when said bids will be opened by said Board of Supervisors, for new equipment and for altering old equipment in the county court house of said county, as follows.

Item No. 1—Steel furniture and filing equipment, as per plans on file in the office of the county clerk.

Item No. 2 — One fireproof safe, measuring on the inside approximately 66 inches high and 46 inches wide, to contain a burglar proof manganese steel safe of not less than 3 cubic feet capacity. Give complete specifications and state what allowance will be made for present Victor manganese safe.

Alternate—Same as above, except manganese safe to have not less than five cubic feet capacity and chest base of approximately eight cubic feet capacity.

Specifications for said work and equipment are on file in the office of the clerk of said Board of Supervisors, to which bidders are hereby referred.

T. P. JOY,
Clerk of the Board of Supervisors of the County of Monterey.

NOTICE TO BIDDERS

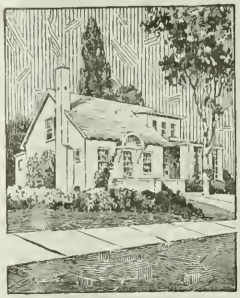
(City of Turlock—Pipe)

Notice is hereby given that sealed bids will be received by the under signed on behalf of the City of Turlock up to **8:00 P. M., Tuesday, the 6th day of May, 1924,** for furnishing 100 feet of random length 6 inch Matheson joint pipe asphaltum dipped, or its equal, delivered freight prepaid to Turlock, California. The Board reserves the right to reject any and all bids. Said bids will be opened and examined at 8:30 P. M., on May 6th, 1924.

By order of the Board of Trustees of the City of Turlock and dated this the 15th day of April, 1924.

A. P. FERGUSON,
City Clerk and Ex-Officio Clerk of the Board of Trustees of the City of Turlock.

No Wonder Portland Cement Stucco Endures



No wonder it is unaffected by weather conditions—that rain only makes it harder. For Portland Cement Stucco in all essentials is Concrete. And you know how well Concrete serves in foundations, in homes, in hospitals, in mighty dams, in roads and skyscrapers.

Be sure, therefore, that you always specify stucco by the full name, *Portland Cement* Stucco, and get the enduring strength which that tenacious binder, Portland Cement, assures.

Architects will tell you that Portland Cement Stucco assures a home of distinction and beauty. No other exterior treatment offers such a variety of color and texture. It harmonizes perfectly with any landscape setting.

And the ideal backing for Portland Cement Stucco is Concrete Masonry—Concrete Block or Tile.

* * *

Watch for advertisements telling about the many other uses of Portland Cement. And remember that the Portland Cement Association has a free personal service to offer you. Whether you use concrete or have it used for you, this service will give you more for your money.

Write today for your free copy of "A Plain Talk on Beautiful Homes."

PORTLAND CEMENT ASSOCIATION

A National Organization to Improve and Extend the Uses of Concrete

Atlanta	Dallas	Indianapolis	Milwaukee	Parkersburg	San Francisco
Birmingham	Denver	Jacksonville	Minneapolis	Philadelphia	Seattle
Boston	Des Moines	Kansas City	New Orleans	Pittsburgh	St. Louis
Charlotte, N. C.	Detroit	Los Angeles	New York	Portland, Ore.	Vancouver, B. C.
Chicago	Helena	Memphis	Oklahoma City	Salt Lake City	Washington, D. C.

ONE HUNDRED YEARS 1824 1924 OF PORTLAND CEMENT

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Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
1778	Del Monte	Owner	3000
1779	Ferrari	Owner	1500
1780	Comisky	Owner	1000
1781	Katz	Malloch	17500
1782	Gantner	Owner	1000
1783	Glidden	Matthies	4000
1784	Hawkins	Owner	4000
1785	Savio	Vemer	12000
1786	Olson	Owner	4000
1787	Rathjen	Coast	2500
1788	Lurie	Vukicevich	15000
1789	Woolworth	MacDonald	40000
1790	Bernhardt	Owner	5000
1791	Johnson	Owner	8000
1792	Dahlberg	Owner	32000
1793	Larson	Owner	3000
1794	Pearson	Owner	4000
1795	Samuelson	Lindberg	6400
1796	Fullaway	Gillogley	2000
1797	Loller	Singewald	2979
1798	Prof. Epis	Stockholm	22700
1799	Brinstad	Barrett	28681
1800	Bauer	Moore	15467
1801	Sommers	Owner	8000
1802	Goodban	Stevens	3000
1803	Andre	Baker	2150
1804	Dane	Beach	8000
1805	O'Brien	Owner	8000
1806	Sheekin	Mattock	6000
1807	Kelly	Wiander	9000
1808	Indig	Koch	3000
1809	Ovistad	Owner	7000
1810	Kallo	Lindberg	8720
1811	Kong	Petersen	32500
1812	Venturi	Stevenson	10856
1813	Hadeler	Ingraham	12000
1814	Wold	Owner	10000
1815	Weber	Burns	24000
1816	P G & E	Reed	——
1817	Meyer	Owner	3000
1818	Gallagher	Grant	7754
1819	Risso	Lindsay	8000
1820	Nyman	Owner	3000
1821	Kelleher	Owner	4500
1822	Westgate	Papenhausen	9000
1823	Garlen	Moore	8490
1824	Ames	Henderson	2100
1825	Gallagher	Grant	7754
1826	Nichols	Meyer	3916
1827	Payne	Mattock	12750
1828	Vayssie	Zupar	13075
1829	Nichols	Meyer	3901
1830	Nichols	Meyer	3916
1833	Cellarius	Hamill	6000
1834	Kranskoff	Owner	8500
1835	Look	Owner	2500
1836	Peterson	Magnuson	16000
1837	Todd	Adler	8000
1838	Carroll	Lindsay	5000
1839	Westlake	Owner	1000
1840	Sharman	Owner	6000
1841	Izzi	Owner	6000
1842	Protestant	Stockholm	22700
1843	Ghilotti	Owner	4900
1844	Lennon	Saari	4000
1845	Associated	Owner	1000
1846	Finck	Owner	6000
1847	Henning	Owner	3000
1848	Bartlett	Bartlett	3500
1849	Parkside	Owner	12000
1850	Adams	Blackenburg	26000
1851	Dempsey	Owner	3000
1852	Mooy	Callaghan	13090
1853	McCabe	Hallgren	14282
1854	P G & E	Bradley	78191
1855	Berger	Montani	5950
1856	Brady	Mill	3000
1857	Poehlman	Vukicevich	16500
1858	Knox	Owner	14000
1859	Landand	Schwartz	14500
1860	City Realty	Cox	4000
1861	Sbarbaro	Owner	12000
1862	Leigh	Owner	4000
1863	Leigh	Owner	8000
1864	Mason	Owner	7500
1865	Johe	Johnson	4500
1866	Rasmussen	Owner	3000
1867	Sbarbaro	Owner	8000
1868	Wayne	Owner	8400
1869	Kelham	Kelham	20000
1870	Rundee	Owner	3300
1871	Meyer	Owner	4000
1872	Meyer	Owner	20000
1873	Bruns	Owner	22000
1874	Fraser	Bertz	20000
1875	Harris	Deihel	1000
1876	S F Co.	Tibbitts	——
1877	Crocker	Owner	44200
1878	Meyer	Owner	3000
1879	Marina	Owner	1000
1880	Hamill	Owner	7000
1881	R. C. Archbishop	Barrett	80000
1882	Midbust	Owner	22000
1883	Poggi	Giorado	5000
1884	Wilson	Owner	6000
1885	Mt. Olivet	Owner	60000
1886	Mouzakes	Mullen	1000
1887	Carmagnac	Owner	2000
1888	Mason	Morris	4500
1889	Arnott	Owner	75000
1890	Renor	Little	8000
1891	Dempsey	Larson	13500
1892	Short	McIntosh	5690

ALTERATIONS

(1778) NE BROADWAY & KEARNY. Alter restaurant.
Owner—Attilio De Monte et al, Prem.
Architect—Charles Fantoni, 550 Montgomery St., S. F. $3090

GARAGE

(1779) NO. 719 CHESTNUT ST. One-story frame private garage.
Owner—P. Ferrari, Premises.
Architect—J. A. Porporato, 619 Washington St., Sann Francisco. $1500

ALTERATIONS

(1780) W FAIR OAKS 150 N 22nd St. Concrete foundation; underpin and remodel for (2) flats.
Owner—Hugh Comisky, 68 Fair Oaks Ave., San Francisco.
Architect—None. $1000

FLATS

(1781) W FOURTEENTH AVE 100 N California. Two-story and basement frame (2) flats.
Owner—H. H. and M. F. Katz, % Architect.
Architect — Mel. I. Schwartz, Nevada Bank Bldg., San Francisco.
Contractor—J. S. Malloch, 180 Jessie St., San Francisco. $17,500

ALTERATIONS

(1782) NW GEARY AND GRANT Ave. Cut openings and install fire doors.
Owner—Gantner & Mattern Co., Prem.
Architect—L. M. Upton, 454 Montgomery St., S. F. $1000

(1783) S HUBBELL — W Seventh. One-story frame warehouse.
Owner — Glidden Co. of Calif., 1300 7th St., San Francisco.
Architect—None.
Contractor—Matthies & Gale, 180 Jessei St., San Francscio. $4000

DWELLING

(1784) SE LAGUNA HONDA BLVD. & Vasquez. Two-story and basement frame dwelling.
Owner—Hawkins Imp. Co.
Architect—O. R. Thayer. $4000

APARTMENTS

(1785) N LOMBARD 27-6 W Franklin Two-story and basement frame (4) apartments.
Owner—Alex Savio.
Architect—None.
Contractor—J. H. Verner, 3251 Army St., San Francisco. $12,000

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

DWELLING
(1786) W OTSEGO 150 S Santa Ysabel One-story and basement frame dwelling.
Owner—Olson & Woods, 336 Granada Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000

REFRIGERATOR
(1787) NO. 1331 PACIFIC AVE. Install refrigerator.
Owner—Rathjen & Pupfer, Premises.
Architect—None.
Contractor—Coast Refrigerator Co., 300 Gough St. S. F. $2500

LOFTS
(1788) W POLK 125 N Fell. Three-story Class C brick stores and lofts.
Owner—The Lurie Co., 315 Montgomery St., San Francisco.
Architect—O'Brien Bros., 315 Montgomery St., San Francisco.
Contractor Vukicevich & Bagge, 815 Bryant St., S. F. $15,000

ALTERATIONS
(1789) NO. 151 POST. General alterations for store.
Owner—F. W. Woolworth Co., 410 Rialto Bldg., S. F.
Architect—A. J. MacClure, 410 Rialto Bldg., San Francisco.
Contractor—MacDonald & Kahn, 130 Montgomery St., S. F. $40,000

DWELLING
(1790) E TWENTY-NINTH AVE 200 S Irving. One-story and basement frame dwelling.
Owner—Bernhardt Bldg. Co., 582 Grove St., San Francisco.
Architect—Gustave Stahlberg, Flatro Bildng., S. F. $5000

FLATS
(1791) N CABRILLO 34 W 18TH AVE. 2-story and basement frame (2) flats.
Owner—Johnson & Anderson, 4 Steiner St., San Francisco.
Architect—None. $8000

FLATS
(1792) E FUNSTON AVE., 150, 175, 200, 225, S Judah. Four 2-story and basement frame flats, 2 flats in each building.
Owner — Dahlberg & Peterson, 1560 10th Ave., San Francisco.
Architect—None. $8000 each.

DWELLING
(1793) W GENESEE 100 S STAPLES 1-story and basement frame dwlg.
Owner—John O. W. Larson, 4030 Army St., San Francisco.
Architect—None. $3000

(1794) S IVY AVE. 156-3 E Buchanan 2-story and basement frame (2) flats.
Owner—O. Pearson, 562 Hayes St., San Francisco.
Architect—R. R. Irvine, —. $4000

DWELLING
(1795) E SOUTH HILL BLVD., 61 S Prague. 1-story and basement frame dwelling.
Owner, John Samuelson, 901 Geneva St., San Francisco.
Architect—None.
Contractor—C. Lindberg, 1 Naylor St., San Francisco. $6400

REPAIRS
(1796) 806-8-10, STANYAN STREET. Repair fire damage to flats.
Owner — Josephine Fullaway, 1102 Page St., San Francisco.
Architect—None.
Contractor—J. W. Gillogley, 745 San Jose Ave., S. F. $2000

PLUMBING, ETC.
(1797) W POWELL 57-6 N BUSH N 20 xW 60. Plumbing and heating for building
Owner—M. J. Graves Loller, 3820 Scott St., San Francisco.
Architect—None.
Contractor—J. L. Singwald (as Reliable Plumbing & Heating Co.), 331 Clipper St., San Francisco.
Filed Apr. 17, '24. Dated Apr. 7, '24.
Roughing in completed..... 50%
On completion 25%
Usual 35 days..... 25%
TOTAL COST. $2979
Bond, none. Limit, 60 days. Forfeit, $20. Specifications only filed.

CHAPEL
(1798) W POTRERO AVE 175 N 25th St. All work for chapel for Good Samaritan Mission.
Owner—The Protestant Episcopal Bishop of California.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
Contractor—Chas. Stockholm & Sons, 849 Monadnock Bldg., S. F.
Filed Apr. 17, '24. Dated Apr. 15, '24.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST. $22,700
Bond, $11,350. Sureties, D. J. Sullivan and T. Rolneberg. Limit, 160 days after April 17. Forfeit, none. Plans and specifications filed.

GARAGE, ETC.
(1799) SW POST AND AVERY 81 on Post x 100 on Avery. All work for 2-story concrete garage and auto sales bldg.
Owner—C. W. Brinstad, 785 Market St. San Francisco.
Architect—Chester H. Miller & Carl I. Warnecke, Call Bldg., S. F.
Contractor—Barrett & Hilp, 918 Harrison St., S. F.
Filed April 17, 1924. Dated Apr. 5, 1924
2nd floor slab poured.....$7170.25
Roof on 7170.25
Completed 7170.25
Usual 35 days 7170.25
TOTAL COST, $28,681
Bond $14,350. Sureties, Albert Lachman and Jas. T. Casey. Forfeit, none. Limit 75 days. Plans and Specifications filed.
NOTE—Permit reported Apr. 16, 1924 No. 1751.

DWELLING
(1800) S WASHINGTON near Cherry. All work for 2-story and basement frame dwelling.
Owner—Therese E. Bauer, 3870 Clay, San Francisco.
Architect—Henry H. Gutterson, 526 Powell, San Francisco.
Contractor — Moore & Madsen, 77 O'Farrell St., San Francisco.
Filed Apr. 17, 1924. Dated Apr. 16, 1924
5th of each month 75%
Usual 35 days 25%
TOTAL COST, $15,469
Bond, Sureties, none. Forfeit, $300. Limit, 120 days. Plans and Specifications filed.

MFG. PLANT
(1801) S BRYANT 107-6 W 7TH. 1-story concrete light manufacturing plant.
Owner—I. M. Sommer, 901 Bryant St., San Francisco.
Architect—S. L. Hyman and A. Appleton, 68 Post St., S. F.
Contractor—I. M. Sommer & Co., 901 Bryant St., S. F. $8000

DWELLING
(1802) W CORDOVA 81 S ROLPH. 1-story and basement frame dwlg.
Owner—E. B. Goodban, 4026 Fulton St., San Francisco.
Plans by Owner.
Fulton St., S. F. $3000

REPAIRS
(1803) E DIVISADERO 50 S OAK. Repair fire damage to dwelling.
Owner—Carl J. Andre, 352 Divisadero St., S. F.
Architect—None.
Contractor—H. C. Baker, 1307 7th Ave., San Francisco. $2,150

APARTMENTS
(1804) SW FAIR OAKS AND 22ND Sts. 2-story and basement frame (3) apartments and store.
Owner—Mrs. Minnie Dane, 3449 22nd St., S. F.
Architect — E. E. Young, 2001 California St., S. F.
Contractor—R. O. Beach, 4173 23rd St., San Francisco. $8000

DWELLINGS
(1805) W FUNSTON AVE. 150, 175 S Kirkham. Two 1-story and absement frame dwellings.
Owner—J. T. O'Brien, 2400 Broadway, San Francisco.
Architect—None. $4000 each.

DWELLING
(1806) W FOURTEENTH AVE. 166-8 N Taraval. 1-story and basement frame dwelling.
Owner—J. R. Sheekin, 251 Kearny St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., S. F.
Contractor — Mattock & Feasey, 251 Kearny St., S. F. $6000

FLATS
(1807) S JERSEY 165 E CHURCH. 2-story and basement frame (2) flats.
Owner—W. Kelly, 165 Jersey St., S. F.
Architect—None.
Contractor — L. Wiander, 41 Coleridge St., S. F. $9000

DWELLING
(1808) SE LONDON 150 SW Excelsior. 1-story and basement frame dwlg.
Owner — Lewis and Anna Indig, 290 Clipper St., S. F.
Architect—None.
Contractor—W. R. Koch, 366 Arlington St., S. F.
Architect—None.
Contractor—W. R. Koch, 366 Arlington St., S. F. $3000

DWELLING
(1809) W NINETEENTH AVE. 275 N Fulton. 2-story and basement frame dwelling.
Owner—Oyvistad and Robertson, 1517 Castro St., S. F.
Architect—None. $7000

DWELLINGS
(1810) N MEY 50 AND 75 E CRAUT. Two 1-story and basement frame dwellings.
Owner—Max Kallo, 2565 Mission St., San Francisco.
Architect—None.
Contractor—C. Lindberg, 1 Naylor St., San Francisco. $4360 each.

STORES & APTS.
(1811) S SACRAMENTO 112-6 E Grant Ave. 3-story reinforced concrete stores and (14) apartments.
Owner—Kong Chow Friendly Society, — Pine St., S. F.
Engineer—C. E. Curry, 54 Hazelwood Ave., S. F.
Contractor—H. L. Petersen, 35 Montgomery St., S. F. $32,500

FLATS
(1812) E SAN JOSE AVE. 457 N 29th. 2-story and basement frame (2) flats.
Owner—Frederick Venturi, 152 Lundy Lane, S. F.
Architect—None.
Contractor—L. H. Stevenson, 45 Worth St., San Francisco. $10,856

APARTMENTS
(1813) N SEVENTEENTH 75 W Mission. 2-story and basement frame (6) apartments.
Owner—C. Hadeler, care of Architect.
Architect—Arthur G. Scholz, 839 Phelan Bldg., S. F.
Contractor—M. Ingraham, 165 Fell St., San Francisco. $12,000

FLATS
(1814) N FULTON 60 W 20TH AVE. 2-story and basement frame (2)) flats.
Owner—C. L. Wold, 185 Stevenson St., San Francisco.
Architect—None. $10,000

(1815) N BAY VIEW 125, 150, 175, 200, 300 and 325 S Newhall. Six 1-story and basement frame dwlgs.
Owner—C. Weber, 5015 Third St., S. F.
Architect—None.
Contractor—J. M. Burns, 101 Thornton Ave., S. F. $4000 each.

OFFICE BLDG.
(1816) E MARKET AND BEALE NE 137-6xSE 138-2. Masonry work and general hoisting service for general office building.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor—Reed & Reed, 110 Sutter St., San Francisco.
Filed April 18, '24. Dated April 9, '24.
On 15th of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $135,417
Bond, $70,000. Surety, Hartford Accident & Indemnity Co. Limit, 85 days. Forfeit, none. Plans and specifications filed
NOTE:—Hoisting service, $2.25 per hour; $9 per hour for each hoist.

DWELLING
(1817)) E CAPITOL 150 S De Montford. One-story and basement frame dwelling.
Owner — Meyer Bros., 1 Montgomery St., San Francisco.
Architect—None. $3000

FLATS
(1818)) E EIGHTH AVE 375 S Irving Two-story and basement frame (2) flats.
Owner—Pauline A. Gallagher, 1330 8th Ave., San Francisco.
Plans by Contractor.
Contractor—W. E. Grant, 1032 Irving St., San Francisco. $7754

DWELLINGS
(1819)) N MAYNARD 279.8 and 304.8 N Craut. Two one-story and basement frame dwellings.
Owner—Risso Estate Co., 37 Maynard St., San Francisco.
Architect—None.
Contractor—Lindsay Constr. Co., Mt. View, Calif. $4000 each

DWELLING
(1820) S ROLPH 59 E Curtis. One-story and basement frame dwlg.
Owner—Carl E. Nyman, 940 Geneva Ave., San Francisco.
Architect—None. $3000

ALTERATIONS
(1821) NO. 101 ST. MARYS AVE. Remodel for store and dwelling.
Owner—Margaret Kelleher, 101 St. Marys Ave. San Francisco.
Architect—None. $4500

RESIDENCE
(1822) W SAN LEANDRO WAY 15 N Monterey Blvd. Two-story and basement frame residence.
Owner—Westgate Park Co., 278 Post St., San Francisco.
Architect—Masten & Hurd, 278 Post San Francisco.
Contractor—H. Papenhausen, 532 3rd Ave., San Francisco. $9000

DWELLING
(1823) W SANTA PAULA 190 S Portola Drive. One-story and basement frame dwelling.
Owner—Garden Homes Co., 278 Post St., San Francisco.
Architect—Masten & Hurd, 278 Post St. San Francisco.
Contractor — Moore & Madsen, 77 O Farrell St., S. F. $8490

ALTERATIONS
(1824) NW TWENTY-FOURTH AND Valencia. General alterations and repairs for store.
Owner—F. H. Ames, 371 Guerrero St., San Francisco.
Architect—John Reed Jr., 60 Sansome St., San Francisco.
Contractor—W. D. Henderson, Monadnock Bldg., S. F. $2100

FLATS
(1825) E EIGHTH AVE. 375 S Irving S 25 x E 120. All work for 2-story frame bldg. flats.
Owner—Pauline A. Gallagher, 1330 8th Ave., S. F.
Architect—None.
Contractor—W. E. Grant, 1032 Irving St., S. F.
Filed Apr. 19, 1924. Dated Apr. 17, 1924
Progressive payments weekly.
Balance when all bills are paid.
TOTAL COST, $7754
Bond, sureties, forfeit, none. Limit, 120 days. Plans and specifications filed.

DWELLING
(1826) E FORTY-FIFTH AVE. 100 S Cabrillo S 25 x E 120. All work for 1-story and basement frame dwelling.
Owner—J. B. Nichols, 5600 Geary St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco.
Filed Apr. 19, 1924. Dated Apr. 18, 1924
Roof sheathing on.....$979.15
Brown coated 979.15
Completed 979.15
Usual 35 days 979.15
TOTAL COST, $3916.50
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications not filed.
NOTE—Permit reported Apr. 16, 1924 No. 1756.

WAREHOUSE
(1827) NE MAIN 137-6 SE HOWARD SE 45-10 x NE 137-6. All work except plumbing, painting, wiring and lighting for 1-story warehouse building.
Owner—Payne's Bolt Works, Howard and Main Sts., S F.
Architect — Nathaniel Blaisdell, 255 California St., S. F.
Contractor—A. F. Mattock & A H Feasey, 251 Kearny St., S. F.
Filed Apr. 19, 1924. Dated Apr. 9, 1924.
Walls up to level of truss bearings $4780
Completed and accepted 4782
Usual 35 days 3188
TOTAL COST, $12,750
Bond, $6375. Sureties, Louis Figeac and Clemence B. Feasey. Forfeit, $10. Limit, 60 days. Plans and specifications filed.
NOTE—Permit reported Apr. 12, '24, No. 1696.

RESIDENCE
(1828) NE FRANCISCO & FRANKlin N 37-6 x E 124. All work for 2-story and basement frame residence.
Owner — Fred A. Vayssle, 1135 Francisco St., S. F.
Architect—A. J. Fabre, and E. H. Hildebrand, 110 Sutter St., S. F.
Contractor—Wm. G. Zupar, 1095 Market St., S. F.
Filed Apr. 19, 1924. Dated Apr. 8, 1924
Ready for roofing $3268
Brown coated 3269
Completed and accepted 3269
Usual 35 days 3269
TOTAL COST, $13,075
Bond, $6537.50. Sureties, National Surety Co. Forfeit, $10. Limit, 90 days. Plans and specifications filed.
NOTE—Permit reported Apr. 4, 1924, No. 1540.

DWELLING
(1829) E FORTY-FIFTH AVE 125 S Cabrillo S 25 E 98-50 N 25-76 m or l, W 104-72 to beg. All work for 1-story and basement frame dwlg.
Owner—J. B. Nichols, 5600 Geary St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F.
Filed Apr. 19, 1924. Dated —— —, 1924.
Roof sheathing on $975.37
Brown coated 975.38
Completed 975.37
Usual 35 days 975.38
TOTAL COST, $3901.
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications not filed.
NOTE—Permit reported Apr. 9, 1924, No. 1616.

CLASS C BLDG.
(1830) E JONES 55 N SUTTER N 40 x E 68-9. All work for grading, concrete, brick, carpentry, mill, plaster, glazing, electric work, etc., for 6-story and basement Class C steel and concrete bldg.
Owner—Louis A. and irene R. Laurens, 1350 Stockton St., S. F.
Architect—Albert J. Fabre and Ernest H. Hildebrand, 110 Sutter St., S. F.
Contractor—Alfred H. Vogt, 185 Stevenson St., S. F.
Filed Apr. 19, 1924. Dated Apr. 9, 1924.
Frame up $10,000
Ready for roofing 10,000
Ready for lathing 10,000
White coated 10,000
Completed and accepted 10,478
Usual 35 days 16,826
TOTAL COST, $67,304
Bond, $33,652. Sureties, C. S. Hoffman and Emil Hogberg. Forfeit $50.00. Limit, 140 days. Plans and specifications filed.
NOTE—Permit reported Mar. 27, '24, No 1393.

(1831) PAINTING, ETC. ON ABOVE.
Contractor—C. E. Gordon, 180 Jessie St., San Francisco.
Filed Apr. 19, 1924. Dated Apr. 9, 1924.
3rd coat on exterior.....$1000
Completed and accepted 1360
Usual 35 days 790
TOTAL COST, $—
Bond, sureties, none. Forfeit, $50.00. Limit, as work progresses. Plans and specifications filed.

(1832) PLUMBING SEWERING, FIXtures on above.
Contractor — Monihan and Slavin, 249 Natoma St., S. F.
Filed Apr. 19, 1924. Dated Apr. —, ——
Roughed in $5000
Completed and accepted 4955
Usual 35 days 3320
TOTAL COST, $13,275
Bond, $6640. Sureties, Hunter & Fred Hansen. Forfeit, $50. Limit, as required. Plans and Specifications filed.

RESIDENCE
(1833) NW ANZA AND 45TH AVE. 2-story and basement frame residence.
Owner—Fred Cellarius, 6140 Geary St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., S. F. $6000

FLATS
(1834) S ARMY 275 W Guerrero. 2-story and basement frame (2) flats.
Owner—H. F. Krauskoff, 384 Dolores St., S. F.
Architect—None. $5000

DWELLING
(1835) N FARRALLONES 275 E Capitol. 1-story and basement frame dwelling.
Owner—P. A. Look, 153 Lobos St., San Francisco.
Architect—W. T. Harris, 167 Farrallones St., S. F. $2500

APARTMENTS
(1836) W FRANKIN 63 S FILBERT. 3-story and basement frame (6) apartments.
Owner—Mrs. A. Peterson, 175 Vasquez St., San Francisco.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—Magnuson & Peterson, 208 Noe St., S. F. $16,000

STORES
(1837)) S GEARY 51-8 E 22ND AVE. 1-story frame (2) stores.
Owner—Max Todd, ——.
Architect & Contractor—Klaus Adler, 2210 Balboa St., S. F. $8000

DWELLING
(1838) W KIRKHAM 100 S 8TH AVE. 1-story and basement frame dwlg.
Owner—Frank Carroll, 415 Haight St., San Francisco.
Architect—None.
Contractor — John R. Lindsay, 315 Granada Ave., S. F. $5000

ADDITION
(1839) 20 MONTEZUMA STREET. Additions for 5-room fl. ta
Owner—W. Westlake, 1455 Sacramento St., S. F.
Architect—None. $1000

DWELLINGS
(1840) SW NEWHALL AND PALOU and S Palou 25 W Newhall. Two 1-story and basement frame dwellings.
Owner—T. L. Sharman & Son, 1440 Shafter Ave., S. F.
Architect—None. $3000 each.

DWELLINGS
(1841) SW POPE 100, 125 NW Morse. Two 1-story and basement frame dwellings.
Owner—A. Izzi, 4609 Mission St., S. F.
Architect—None. $3000 each.

CHURCH
(1842) W POTRERO AVE. 175 N 25th. 1-story and basement frame church.
Owner—Protestant Episcopal Bishop of California, (A Corporation Sole), 1215 Sacramento St., S. F.
Architect—Lewis P. Hobart, Crocker Bldg., S. F.
Contractor—Chas. Stockholm & Sons, 849 Monadnock Bldg., S. F. $22700

DWELLING
(1843) N SATURN 300 W 17TH AVE. 1-story and basement frame dwlg.
Owner—P. Ghilotti 112 Clifford St., San Francisco.
Architect—M. G. Bugbee, 619 Washington St., S. F. $4000

DWELLING
(1844) SE SEVILLE 100 W ROLPH. 1-story and basement frame dwlg.
Owner—E. Lennon, — Augusta St., San Francisco.
Architect—None.
Contractor—S. Saari, 155 Brussels St., San Francisco. $4000

SHED
(1845) THIRD AND EL DORADO STS. Brect storage shed.
Owner — Associated Oil Co., 79 New Montgomery St., S. F.
Architect—None. $1000

DWELLINGS
(1846) E THIRTY-NINTH AVE., 175 and 200 N Fulton. Two 1-story and basement frame dwlgs.
Owner—Herbert W. Finck, 212 12th Ave. San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $3000 each.

DWELLING
(1847) SE THIRTY-NINTH AVE. and Irving. 1-story and basement frame dwelling.
Owner—A. Henning. — 41st Ave., San Francisco.
Architect—None. $3000

DWELLING
(1848) E TWENTY-SIXTH AVE. 175 N Taraval. 1-story and basement frame dwelling.
Owner—Mildred Bartlett, 2615 Folsom St., S. F.
Architect—National Mill & Lumber Co. 320 Market St., S. F.
Contractor—Robert E. Bartlett, 2615 Folsom St., S. F. $3500

DWELLINGS
(1849) N ULLOA 32-6, 65-10, AND 99-2 W 26th Ave. Three 1-story and basement frame dwellings.
Owner — Parkside Realty Co., 618 Crocker Bldg., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000 each.

APARTMENTS
(1850) E WEBSTER 70 N HAIGHT. 2-story and basement frame (6) apartments.
Owner—Dr. L. M. Adams, 450 Geary St., San Francisco.
Architect—None.
Contractor — E. Blackenburg, 3675 Jackson St., San Francisco. $26,000

DWELLING
(1851) W THIRTY-EIGHTH AVE. 50 N Cabrillo. 1-story and basement frame dwelling.
Owner—C. F. Dempsey, 709 14th Ave., San Francisco.
Architect—James F. Brown, 549 Grafton Ave., S. F. $3000

FLATS
(1852) 1201 WILLARD STREET. Remodel residence for 3 flats.
Owner—Mrs. E. Mooy, 1201 Willard St., San Francisco.
Architect—None.
Contractor—Jack Callaghan, 900 Clayton St., S. F. $13000

APARTMENTS
(1853) SE PARNASSUS AVE. AND Willard, 23-9 x 100-2, irregular. All work for 2-story and basement frame apartment bldg. and two garages.
Owner—Mrs. Emma McCabe, 555 Belvedere, S. F.
Architect—J. C. Hladik, 681 Market St. San Francisco.
Contractor—A. Hallgren, 311 Hayes St., S. F.
Filed Apr. 21, 1924. Dated Apr. 16, 1924
Roof boards $3570.50
Brown coated 3570.50
Completed and accepted 3570.50
..Usual 35 days 3570.50
TOTAL COST, $14,282
Bond, $7141. Sureties, John Hallgren and P. W. Brown. Forfeit, none. Limit. 90 days. Plans and specifications filed.

LATHING, ETC.
(1854) E MARKET AND BEALE, NE 137-6 x SE 138-2. All work for metal furring, lathing and plastering for general office bldg.
Owner—Pacific Gas & Electric Co., 445 Sutter St., S. F.
Architect—None.
Contractor—Peter Bradley, 74 New Montgomery St., S F.
Filed Apr. 21, 1924. Dated Apr. 9, 1924
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $78,191
Bond, $40,000. Sureties, Fidelity & Deposit Co. of Md. Forfeit, none. Limit, 140 days. Plans and specifications filed.

FRAME BLDG.
(1855) N FULTON 27-6 E 15TH AVE. 27 x 100. All work except plumbing and painting for 2-story and basement frame bldg.
Owner—A. Berger, 894 Union, S. F.
Architect—J. C. Hladik, Monadnock Bldg., S. F.
Contractor—S. Montani, 1753 Greenwich St., S. F.
Filed Apr. 21, 1924. Dated Apr. 19, 1924
Roof on $1487.50
Brown coated 1487.50
Completed and accepted 1487.50
Usual 35 days 1487.50
TOTAL COST, $5950
Bond, $2975. Sureties, F. Boicelli and T. Navi. Forfeit, none. Limit, 90 days. Plans and specifications filed.
NOTE—Permit reported Apr. 9, 1924, No. 1625.

DWELLING
(1856) SE ANZA AND 35TH AVE. 1-story and basement frame dwlg.
Owner—Charles Brady, 180 18th Ave., San Francisco.
Architect—None.
Contractor—John Mill, 3524 Anza St., San Francisco. $3000

SHOP
(1857) N BRANNAN 35 W ZOE. 1-story and basement brick printing shop.
Owner—H. Poehlman, care of Architects.
Architect—O'Brien Bros., Inc., 315 Montgomery St., S. F.
Contractor—Vukicevich & Bagge, 815 Bryant St., S. F. $16,500

APARTMENTS
(1858) N CABRILLO 90 W 20TH AVE. 2-story and basement frame (4) apartments.
Owner—Orrin Knox, 543 Balboa St., San Francisco.
Architect—None.
Contractor — Orrin Knox & Son, 543 Balboa St., S. F. $14,000

ADDITION
(1859) W CAPP 185 S Seventeenth. 2-story concrete addition for store.
Owner—Gough Land and Livestock Co. care of Architect.
Architect—None.
Contractor and Manager of construction — Mel. I. Schwartz, Nevada Bank Bldg., S. F. $14,500

DWELLING
(1860) SW FIFTH AVE. AND JUDAH St. 2-story and basement frame dwelling.
Owner—City Realty Co., 46 Kearny St. San Francisco.
Architect—None.
Contractor—Cox Bros., 1309 9th Ave., San Francisco. $4000

APARTMENTS
(1861) SE FRANCISCO AND Octavia Sts. 2-story and basement frame (4) apartments.
Owner—Sbarbaro, Detjen and Noonan, Chestnut and Octavia Sts., S. F.
Architect—None. $12,000

DWELLING
(1862) W FORTIETH AVE. 75 N Cabrillo. 1-story and basement frame dwelling.
Owner—David Leigh, 801 42nd Ave., San Francisco.
Architect—None. $4000

DWELLINGS
(1863) W FORTIETH 25 AND 50 N Cabrillo. Two 1-story and basement frame dwellings.
Owner—David Leigh, 801 42nd Ave., San Francisco.
Architect—None. $4000 each.

FLATS
(1864) N GREEN 125 E FRANKLIN. 2-story and basement frame (2) flats.
Owner—Mason & Pierce, 1611 Vallejo St., S. F.
Architect—Ed Musson Sharpe, 60 Sansome St., S. F. $7500

DWELLING
(1865) N JUDAH 32-6 E ELEVENTH Ave. 2-story and basement frame dwelling.
Owner—Mrs. Sophie Johe, ——.
Architect—None.
Contractor—Joel Johnson & Son, 180 Jessie St., S. F. $4500

DWELLING
(1866) E LOUISBURG 115 NE MT. Vernon. 1-story and basement frame dwelling
Owner—Nels Rasmussen, 519 Mt. Vernon Ave., S. F.
Architect—None. $3000

FLATS
(1867) E OCTAVIA 26- S Francisco. 2-story and basement frame (2) flats.
Owner—Sbarbaro, Detjen and Noonan, Chestnut and Octavia Sts., S. F.
Architect—None. $8000

APARTMENTS
(1868) SW PIEDMONT AND Masonic Ave. 2-story and basement frame (4) apartments.
Owner—G. L. Nayne, 126 Otis St., S. F.
Architect—None. $8400

RESIDENCE
(1869) N SEA CLIFF 311 W 25TH Ave. 2-story and basement frame residence.
Owner—Mrs. George W. Kelham, 98 Sea Cliff Ave., S. F.
Architect — Geo. W. Kelham, Sharon Bldg., S. F.
Contractor—Taylor & Jackson, 290 Tehama St., S. F. $20,000
NOTE—Permit to construct foundation already granted for this structure under separate application.

DWELLING
(1870) E THIRTY-SIXTH AVE. 275 N Irving. 1-story and basement frame dwelling.
Owner—Geo. F. Rundee, 1382 5th Ave., San Francisco.
Plans by Owner. $3300

DWELLINGS
(1871) W TWENTY-EIGHTH AVE. 150, 175, 200, 225, 250, 275, and 300 N Balboa. Seven 1-story and basement frame dwellings.
Owner — Meyer Bros., 1 Montgomery St., S. F.
Architect—None. $4000 each.

DWELLINGS
(1872) W TWENTY-NINTH AVE. 100, 128, 156, 184 and 212 N Balboa. Five 1-story and basement frame dwellings.
Owner — Meyer Bros., 1 Montgomery St., S. F.
Architect—None. $4000 each

APARTMENTS
(1873) E VALENCIA 30 S DUBOCE Ave. 3-story and basement frame (11) apartments.
Owner — Gerhard Bruns, Burlingame, California.
Architect—G. A. Berger, 261 Valencia St., S. F. $22,000

APARTMENTS
(1874) W NINTH AVE. 125 S Clement. 3-story and basement frame (15) apartments.
Owner—Simon Fraser, 770 3rd Ave., San Francisco.
Architect — Earle B. Betz, 168 Sutter St., S. F. $20,000

ALTERATIONS
(1875) 2023 FOLSOM STREET. Raise rooming house; construct foundation and make general repairs.
Owner—Carrie Harris, 110 Sutter St., San Francisco.
Architect—None.
Contractor—L. Deibel, —. $1000.

GRADING, ETC.
(1876) FIFTH ST. BET. TOWNSEND and Harrison. All work for grading, repaving with asphaltic wearing surface on concrete base, catch basins, concrete sewer reinforcement and concrete bridges for spur track
Owner — Southern Pacific Co., S. P. Bldg., S. F.
Architect—None.
Contractor — Tibbitts Pacific Co., 16 California St., S. F.
Filed Apr. 22, 1924. Dated Apr. 8, 1924.
Monthly 75%
Usual 35 days 25%
TOTAL COST—Grading, $3.625 per cubic yd; pavement, 20c per sq. ft.; $3.114 per lineal ft. for pipe culvert sewer reinforcement structures: bridge and catch basin, $13,409.
Bond, $29,931. Sureties, Fidelity & Deposit Co. of Md. Forfeit, limit, none. Plans and specifications filed.

DWELLINGS
(1877) NW BALTIMORE AND NAYlor;
N CHICAGO 102, 135, 169, 202 W Naylor;

S WINDING WAY 133, 166, 200 W Cordova;
W PENINSULA 32 N BAY SHORE;
S WINDING WAY 100, 200, W Cordova;
S WINDING WAY 166 E CORdova, 12 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.
Architect—None. 8, $3800; 3, $3500; 1, $3300.

DWELLING
(1878) E BRIGHTON 179-6 S Ocean Ave 1-story and basement frame dwelling.
Owner—Meyer Bros., 1 Montgomery St. San Francisco.
Architect—None. $3000

SALES OFFICE
(1879) NE CHESTNUT AND PIERCE Sts. 1-story frame sales office.
Owner — Marina Corporation, Russ Bldg., S. F.
Architect—Samuel Lightner Hyman & E. A. Appleton, 68 Post St., S. F. $1000

DWELLING
(1880) S CLEMENT 73-4 E 38TH AVE 2-story and basement frame dwlg.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $7000

SCHOOL BLDG.
(1881) E FAIR OAKS 125 S 24TH. 2-story class B concrete school.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect—A. I. Coffey, 312 Humboldt Bank Bldg., S. F.
Contractor—Barrett & Hilp, 918 Harrison St., S. F. $80,000

APARTMENTS
(1882) NE FILBERT AND FRANKlin Sts. 3-story and basement frame (15) apartments.
Owner—P. Midbust, 529 Pierce St., San Francisco.
Architect—None. $22,000

DWELLING
(1883) S GREENWICH 175 S Steiner. 1-story and basement frame dwlg.
Owner—G. Poggi, care of 938 Rutland St., San Francisco.
Architect—P. DeMartini, 946 Broadway, S. F.
Contractor—G. Gioardo, 938 Rutland St., S. F. $5000

FLATS
(1884) S LAKE 89 W SIXTH AVE. 2-story and basement frame (2) flats.
Owner—C. E. Wilson, 161 6th Ave., San Francisco.
Architect—None. $6000

(1885) N O'FARRELL 137-1½ E Leavenworth. 2-story reinforced concrete garage.
Owner—Mt. Olivet Cemetery Ass'n., 425 Kearny St., S. F.
Architect—W. H. Crim, Jr., and Hamilton Murdock, 425 Kearny St., San Francisco. $60,000

STORE FRONT
(1886) 1710 POLK STREET. New front for restaurant.
Owner—James Mouzakes, 1710 Polk St., San Francisco.
Architect—None.
Contractor—Mullen Manufacturing Co., 60-80 Rausch St., S. F. $1000

ALTERATIONS
(1887) 2445-56 SACRAMENTO ST. Plaster front; remodel for private garage quarters, etc., for flats.
Owner—Rene Carmagnac, 2454 Sacramento St., S. F.
Architect—None. $2000

DWELLING
(1888) W THIRTY-SIXTH AVE. 200 N Cabrillo. 1-story and basement frame dwelling.
Owner—Fred Mason, 758 12th Ave., San Francisco.
Architect—None.
Contractor—H. E. Morris, 758 12th Ave. San Francisco. $4500

DWELLINGS
(1889) E TWENTY-SEVENTH AVE., 60, 90, 120, 150, 180, 210, 240, 270 S Lincoln Way;
E TWENTY-SEVENTH AVE. 90, 120, 150, 180, 210, 240, 270 N Irving, 15 1-story and basement frame dwellings.
Owner—James Arnott & Son, 235 Granville Way, S. F.
Architect—None. $5000 each.

BAKERY BLDG.
(1890) W WASHBURN 60 N Howard. 1-story and mezzanine floor brick bakery.
Owner—G. Renor, 1650 Polk St., S. F.
Architect—C. O. Clauson, Hearst Bldg., San Francisco.
Contractor—William Little, —. $8000

BUILDING
(1891) E PRESIDIO AVE. 98-8¼ S Jackson S 30 x W 100-1. All work for 2-story and basement bldg.
Owner — H. J. Dempsey, First Nat'l. Bank Bldg., S. F.
Architect—None.
Contractor—A. R. Larson, 246 Delano, San Francisco.
Filed Apr. 23, 1924. Dated Apr. 22, 1924.
Roof boards on $3300
Brown coated 3300
Completed 3300
Usual 35 days 3600
TOTAL COST, $13,500
Bond, $6600. Sureties, Albin Warden & A. L. Kreuzberger. Forfeit, none. Limit, 120 days. Plans and specifications filed.

ALTERATIONS
(1892) 589 SANCHEZ. All work for alterations to building.
Owner—Wm. Short, —.
Architect—August G. Headman, Call Bldg., S. F.
Contractor—McIntosh Bros., 180 Jessie St., S. F.
Filed Apr. 23, 1924. Dated Apr. 26, 1924
Ready for plastering.....$1420
Ready for painting 1422
Completed and accepted 1425
Usual 35 days 1423
TOTAL COST, $5690
Bond, $2845. Sureties, Theo. De Pass and C. E. Gordon. Forfeit, $5.00. Limit as soon as possible. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

April 17, 1924—W CORDOVA 183 N Athens 25 x 106. F. G. Pfeifer to whom it may concern..Apr. 17, 1924
April 17, 1924—S CORNWALL 32-6 W 4th Ave. W 25 x S 100. Sadie J. and Wm. M. Buick to H. S. Meinberger .....April 12, 1924
April 17, 1924—NE NAYLOR AND Munich 30 x 100. C. Lindberg to whom it may concern...Apr. 7, 1924
April 17, 1924—SE FOLSOM AND Spear Sts. running through from Spear to Stewart. Great Western Smelting & Refining Co to Minneapolis Steel & Machinery Co.. .....April 14, 1924
April 17, 1924—W CASTRO 378 N 18th W 75xN 67. Bank of Italy to J. Martinelli.....April 2, 1924
April 17, 1924—LOT 170 Gift Map No. 2. Charles L Nelson to whom it may concern.....April 17, 1924
April 17, 1924—W GIRARD 75 and 100 S Olmstead S 25xW 120. Joseph S Fratessa to whom it may concern .....April 16, 1924
April 18, 1924—S TEHAMA 200 W Fourth W 75xS 80. Walter H Sullivan Inc to Wm Martin.April 15, '24
April 18, 1924—SW JONES & SACRAMENTO No. 155 Jones. Chas A Johnson to whom it may concern .....April 18, 1924
April 18, 1924—E PLYMOUTH AVE 100 N Holloway Ave N 50xE112-6 Lots 10 and 11 Blk 4. Lakeview. Morten S Svenson to C Wengard. .....April 17, 1924
April 18, 1924—S SUTTER 57-6 W Jones W 80 S 110 E 55 N 9-6 E 25 N 100-6. James Welsh to whom it may concern.....April 17, 1924
April 18, 1924—S FOLSOM AND N Falmouth S 160 SW 90 NW to beg. Hotel Owners Laundry Assn to Fennell & Chisholm...Mar. 31, 1924
April 18, 1924—COMG AT PT marked by an iron pin on S Army 200 E De Haro rung from said pt of beg S 4° 21' E 249.2 S 53° 31'; D 236.17 S 4° and 4.04 E 156.4 N 53° 31' E 827.21 E 4° 21' W 116.23 S 84° 39' W 460 m or l to beg. Pacific Gas & Electric Co to Standard Fence Co.....April 11, 1924
April 18, 1924—BLK BDED ON W by Humboldt, E by Louisiana, S by 23rd and on W by Michigan. Pacific Gas & Electric Co to Judson Mfg Co.....April 8, 1924
April 18, 1924—COMG AT PT upon extn center line Humboldt 1-1 W Delaware rung N 100xE 25; comg at pt where extn center Humboldt intersects extn W Massachusetts N 20xE 60. A strip of land occupied by a conduit now installed in ground connecting 2 parcels hereinabove descd with its center line descd by 2 S and parl to extn of center Humboldt beg 13.5 E therefrom from extn of W Delaware and rung E there alg for dist of approximately 280. Pacific Gas & Electric Co to Tibbitts-Pacific Co.....April 10, 1924
April 18, 1924—W FORTY-FIRST AV 100 S Geary S 25xW 120. Herbert H Sichel to Meyer Bros..... .....April 17, 1924
April 18, 1924—S TEHAMA 200 W Fourth W 75xS 80. Walter H Sullivan, Inc to The Turner Co.... .....April 15, 1924
April 18, 1924—LOT 13, BLK. 20 AND lot 14, blk. 19, amended map Ingleside Terrace. Gordon W. and Linnie Morris to whom it may concern ..... April 12, 1924
April 18, 1924—S FRANCISCO 112-6 E Gough S 137-6 x E 25. J. R. and Lillie Nevraumont to John Harder ..... April 19, 1924
April 18, 1924—N FILBERT 109 W Van Ness Ave. Ben Liebman to whom it may concern..April 17, 1924
April 18, 1924—SE GEARY AND 39th Ave. S 115 E 120 N 115 W 37-6 N 100 W 82-6. Meyer Bros. to whom it may concern..April 18, 1924
April 19, 1924—W 20TH AVE. 375 S Lawton 25 x 120. J. W. Marsden and Mabel Marsden to J. W. Marsden .....April 18, 1924
April 19, 1924—NW COR. SANTA Paula Ave. and Santa Monica Way Lot 13 Blk. 23, St. Francis Wood Extension No. 2. Rollin E. Meyer to Meyer Bros., Corp. ..April 19, 1924
April 19, 1924—ST. MARY'S PARK bounded by Mission and Crescent Ave. The Roman Catholic Archbishop to J. J. Irwin...April 16, 1924
April 19, 1924 — E SAN LORENZO Way Lot 6, Blk 23, St. Francis Wood. Margaret E. McLaughlin to John Casty & Son...Apr. 17, 1924
April 19, 1924—COM. 710 N 85° 40' E from int. S Humboldt and E Georgia N 4° 20' W 120 N 85° 40' E 90 S 4° 20' E 120 S 85° 40' W 90. Pac. Gas & Elec. Co. to Rees Blow Pipe Mfg. Co. .....April 12, 1924
April 19, 1924 — S GENEVA 53 E Paris 25 x 100. Carl E. Nyman to whom it may concern...Apr. 19, 1924
April 19, 1924—LOT 22 BLK. 20, St. Francis Wood. Julia K. Pander and E. Pander to H. H. Putnam ..... April 18, 1924
April 21, 1924——LOT 1 and Ptn Lot 2 Blk 3166 Westwood Park Ptn Lots 23 and 24 Blk 3165, Westwood Park. Hans Nelson to whom it may concern.....April 15, 1924
April 21, 1924—E THIRTY-FOURTH Ave 50 S Lincoln Way S 25xE 90. Byrd O Smith to whom it may concern .....April 19, 1924
April 21, 1924—NO. 519 AND 521 Precita Ave. Paul Interdonato to T L and T R Sharman...April 5, 1924
April 21, 1924—N ROLPH 126 E Mission, Crocker Amazon Tract. Ben Heglin to whom it may concern.....April 21 1924
April 21, 1924—W MIRAMAR AVE 300 S Grafton Ave S 25xW 112-6 Lot 43 Blk 13, Lakeview. Louis F and Ida C Sanden to whom it may concern .....
April 21, 1924—W FIFTEENTH AVE 100, 125, 200 and 225 N K St. 25x 127-6. D W Ross to whom it may concern.....April 21, 1924
April 21, 1924—E FIFTEENTH AVE 175, 200, 225 and 125 N M St. 25x 120. D W Ross to whom it may concern.....April 21, 1924
April 21, 1924—LOT 36 BLK "C", Mission Terrace. Walter E Hansen to whom it may concern..... .....April 18, 1924
April 21, 1924—W WINFIELD 250 N Esmerald Ave N 50xW 70 Lots 264 and 266 Gift Map 3. R H Athey

and H Peter Rasmussen to whom it may concern.....April 15, 1924
April 21, 1924—S CHESTNUT 183-4 W Octavia W 22-11xS 137-6. F Arthur Gawthorne to whom it may concern.....April 21, 1924
April 21, 1924—S CABRILLO 95 E 34th Ave E 25xS 100. John E Young to Thomas Hamill.....April 18, 1924
April 21, 1924—LOT 29 and N ½ Lot 28 Blk 22, Forest Hill. F Arthur Gawthorne to whom it may concern.....April 21, 1924
April 21, 1924—S ULLOA 90 W 32nd Ave; SW Eighteenth Ave and Noreiga. Max Breitman to whom it may concern.....April 19, 1924
April 21, 1924—E FORTY-THIRD AV 125 S Anza, 25x120. Moses Little to whom it may concern. April 21, '24
April 22, 1924—NW MARKET 65.217 SW Castro SW 60.95 N 63 m or 1 SE 30-3½ S 23 SE 27-10 m or 1 to beg. Thos Hamill to whom it may concern.....April 22, 1924
April 22, 1924—NE GEARY AND Emerson N 150xE 240. Bekins Van & Storage Co to Clinton Constr Co .....April 22, 1924
April 22, 1924—E FORTY-FIRST AV 201-4 S Anza S 25xE 120. Benjamin Schmier to whom it may concern.....April 21, 1924
April 22, 1924—SE BRUNSWICK 297 SW Whittier SW 30 SE 140 m or 1 E 32-7 m or 1 Ptn Lot 111, West End Hd Assn. August and Juliet Launier to August Launier.....March 15, 1924
April 22, 1924—S GEARY 100 E Boyce. Manfred Johnson to whom it may concern.....Mar. 19, 1924
April 22, 1924—W THIRTY-EIGHTH Ave 140 N Geary 25x120. B W Domarais & Sons to whom it may concern.....April 22, 1924
April 22, 1924—E FORTY-FIRST AV 126-4, 176-4 and 151-4 S Anza S 25 xE 120. David Leigh to whom it may concern.....April 21, 1924
Apr 23, 1924—E THIRTY-SEVENTH Ave 75 N California N 25xE 120. Roy A Pratt to whom it may concern .....
April 23, 1924—S NORIEGA 57-6 W Ninth Ave W 50xS 100. R N Gibson to whom it may concern.....April 23, 1924
April 23, 1924—NO. 712 MARKET. Northwestern Pacific Railroad to Mullen Mfg Co.....April 22, 1924
April 23, 1924—NE TENTH 133 NW Bryant NW 96xNE 100. The Lurie Co to Vukicevich & Bagge.....April 23, 1924
April 23, 1924—S TWENTY-THIRD 225 W Howard 26-3x40. Harry Beach to Robert O Beach.....April 22, 1924
April 23, 1924—W MISSION 65 N Commercial Centre Realty Co to Jos Dunn .....April 19, 1924
April 23, 1924—N HANCOCK 150 W Church 25x114. Frank J and Marie C Dummel to J S Malloch.....April 21, 1924
April 23, 1924—NW MADRID 200 NE Avalon Ave NE 50xNW 100 Ptn Lot 6 Blk 7. Henry and Katherine Dobert to whom it may concern...
April 23, 1924—N CALIFORNIA 55 W Eighteenth Ave 26x140. G E Whitmore to whom it may concern .....April 23, 1924
April 23, 1924——E OCTAVIA 59 and 25 N Chestnut N 25xE 75. Sbarboro Detjen & Noonan to whom it may concern.....April 23, 1924
April 23, 1924—NW GEARY AND Leavenworth W 80xN 62-6. Mrs. Annie Driscoll to Wm Martin, Frank J Klimm Co, Scott Co, Maundrell & Bowen and American Electrical Engineering Co.....April 16, 1924
April 23, 1924—S MAYNARD 150, 200 175 and 155 W Congdon 25x110 being Nos 174, 166, 170 and 178 Maynard. Wm Powell to whom it may concern.....Mar. 10, 1924
April 23, 1924—NW NAPLES 250 NE Brazil NE 50xNW 100. Ambrose E Frank to whom it may concern.....April 23, 1924
April 23, 1924—S BAY 156-3 W Franklin S 137-6xW 50. Txel A Johnson to whom it may concern.....April 23, 1924
April 23, 1924—S CALIFORNIA 90 W Eighteenth Ave W 30xS 75. Thos Hamill to whom it may concern.....April 23, 1924

LIENS FILED

SAN FRANCISCO COUNTY

April 17, 1924—S GREEN 161 1/5 E Larkin S 22-11xS 77-6. New Balboa Mill Co vs Guiseppe Marino & F S Domante $663.66
April 17, 1924—SW CORNER LARKIN and Jackson W 140 x 62-6. Ginsburg Title Co. vs. Francisco Sarraco $13.00
April 17, 1924—E FOLSOM 149 N 22nd N 36 x E 122-6. Dowd Seld Electric Co. vs. J. I. and Elizabeth A. Hall and C. Penny.....$115.50
April 17, 1924—E LARKIN 92-11 S Bush S 44-7 x E 84-6. W. J. Partridge vs. Conrad Weil, May Weil, J. F. Delaney and Jane Doe Watkins $602.00
April 18, 1924—LOTS 264 AND 265 Map No. 3. Pacific Electric Construction Co. vs. P. H. Athey and H. Peter Rasmussen $204.50
April 18, 1924—E MONTEREY AVE. 25 and 50 S Congo S 25 x E 100, two liens. G. H. DeHoff vs. J. C. Gibson and Sunset Building and Realty .....$90.04 each.
April 18, 1924—N HEARST AVE. known as lots 13, 17, 10, and 14 bet. 20 Sunnyside; and E Foerster known as lot 8 bet. 20 Sunnyside, five liens. G. H. DeHoff vs. J. C. Gibson and Sunset Building and Realty .....$32.62 each.
April 19, 1924—E FOLSOM 149 N 22nd E 122-6 x N 36. John S. Guerin as J. S. Guerin & Co. vs. Charles Penny, John I. Hall and Elizabeth A. Hall $343.59
April 19, 1924—S STAPLES AVE., 441-8, 408-4, 375, 341S, 708-4, 275 E Edna S 112-6 x E 33-4, six liens. Reinhart Lumber & Planing Mill Co. vs. George B. Lewis and Sunset Bldg. & Realty Co...$996.50 each.
April 22, 1924——W VERNON 125 N Randolph N 25xW 100. L C Maganell vs Mary Davis.....$70
April 22, 1924—W VERNON 125 N Randolph N 25xW 100. Thos M Magarrell $343; D G Magarrell, $200 vs Mary Davis.....
April 22, 1924—LOT 34 BLK 1422 E Twelfth Ave 200 S California 25x 120. Louis Crucian vs Frida Verbarg, Geo M Bldg Co and Wm Eitner $68
April 23, 1924—S STAPLES AVE 275 E Edna E 200xS 112-6. J Brymner, D E Ulrich and Jas Doohan vs Sunset Bldg & Realty Co..$541.25

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount
April 22, 1924—LOT 27 BLK 7, Peoples Hd Assn. The Greater City Lumber Co to George S West and B Novak.....$70.20

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2114	Schroeder	Owner	3000
2115	Jeyens	Thaxter	7000
2116	Phinney	Jessiman	7500
2117	Whalen	Owner	4950
2118	Madden	Maurice	6500
2119	Mayer	Kat	5000
2120	Moulin	Pasqualetti	3000
2121	Cerruti	Helmo	11500
2122	Jordan	Cox	3000
2123	Wagner	Cal. Bldrs.	13500
2124	Flagg	Owner	4000
2125	Hing	Yick	1000
2126	Herron	Knowles	1533
2127	Schmidt	Owner	1500
2128	Fazerida	Owner	1600
2129	Johnson	Owner	2500
2130	Vargasi	Marshall	30000
2131	Pollard	Owner	2000
2132	Ergina	Offe	1000
2133	Gede	Owner	5000
2134	Heath	Owner	4000
2135	Newman	Johnson	....
2136	Carpenter	Owner	4000
2137	Taber	Lukes	14780
2138	Hill	Matkala	3500
2139	Matkala	Owner	3500
2140	Parsons	Owner	6800
2141	Serge	Perrott	7500
2142	Pape	Peppin	4000
2143	Peppin	Owner	8200
2144	Shepherd	Vaughan	8000
2145	Peppin	Owner	22000
2146	Lindberg	Armstrong	3000
2147	Matteson	Owner	1500
2148	Pederson	Moe	4000
2149	Alexander	Meyer	6000
2150	Stalberg	Lofgren	3000
2151	Smith	Knight	18400
2152	Perkins	Knight	16200
2153	Alaska	Eaton	4650
2154	Baker	Owner	5250
2155	Wight	Owner	4800
2156	Smith	Macgregor	14000
2157	Scammell	Owner	5200
2158	Ferreira	Owner	5000
2159	Markham	MacGregor	6000
2160	Micholson	MacGregor	7000
2161	Jacco	Owner	5000
2162	Morgensen	Owner	12000
2163	Nelson	Owner	5500
2164	Retzer	Cal. Bldr.	15000
2165	Doelker	Beckett	6000
2166	Jackson	Smith	55000
2167	American	Owner	3000
2168	Pacific	Schnebly	4500
2169	Armstrong	Beach	11000
2170	Coit	Owner	7600
2171	Myers	Owner	4000
2172	St. Andrews	Johnson	5000
2173	Davidow	Owner	15000
2174	Williamson	Owner	2500
2175	Pillsbury	Moe	1600
2176	Cumming	Owner	5000
2177	Mayhelle	Andrews	3000
2178	Tickell	Schneck	9000
2179	Nelson	Schneck	3000
2180	Bentley	White	7800
2181	Davis	Owner	3900
2182	Von Ah	Owner	2400
2183	Karger	Leiter	8600
2184	Cunningham	Cederborg	15430
2185	Stolberg	Lofgren	3300
2186	S. P. Co.	Hutchinson	——
2187	Pavert	Owner	10350
2188	Marquis	Owner	9000
2189	Bjorklund	Owner	3500
2190	Kunzelman	White	2000
2191	Torchio	Cisero	2500
2192	Desig. & Bldrs.	Teicheira	9000
2193	James	Brown	1200
2194	Schwab	Peppin	5750
2195	Clement	Owner	1000
2196	Dallerey	Sorensen	7000
2197	Whitton	MacDonald	1000
2198	Johnson	Owner	2500
2199	Swanson	Anderson	2600
2200	Duner	Jacobson	6500
2201	Pfrang	Owner	1400
2202	Harper	Beckett	6600
2203	Elliott	Nickerson	2000
2204	Schumacher	Owner	3500
2205	Gianatti	Cal. Bldrs.	8000
2206	Goodman	Dahl	3000
2207	Jensen	Short	2000
2208	Cords	Cords	7000
2209	Klewisch	Meyer	3200
2210	Reid	Shipman	4700
2211	Newman	James	2800
2212	Warner	Owner	2000
2213	Brownell	Littlefield	8000
2214	Graham	Owner	3750
2215	Williams	Nichols	2750
2216	Price	Price	6000
2217	Bessman	Lewis	11776
2218	Titus	Broadway	6500
2219	Bradley	Smith	8000
2220	Code	Baker	1000
2221	Ala. Steam Ldy.	Norman	1200
2222	Kopf	Owner	4200
2223	Anderson	Rockingham	3900
2224	Paula	Hind	6500
2225	Meinceke	Kaler	4000
2226	Sheerer	Maasberg	2935
2227	Goober	Cowart	3500
2228	Noble	Owner	4000
2229	Weinman	Thorp	1500

NOW READY FOR DELIVERY—
PRIDDLE'S TABLES, called "3700 Splay Bases and Other Calculations," for Quantity Surveyors and Contractors.
Loose Leaves in Fabrikoid Covers $3.50 Net, Postpaid. Same in Genuine Leather Covers $5.50 Net, Postpaid.
Mail Personal Check to ARTHUR PRIDDLE, Publisher, 693 Mission St., San Francisco, Calif., U. S. A.

2230	McDonald	Engs	3550
2231	Un. Stores Rlty.	Murch	4607
2232	Kesti	Owner	2850
2233	Rose	Rose	4000
2234	Sheppard	Skow	8000
2235	Day Nursery	Wright	1000
2236	Anderson	Owner	4250
2237	Joorftey	Daley	1100
2238	Fee	Owner	4500
2239	Drysdale	Owner	3500
2240	Segivola	Owner	3200
2241	Poye	Petersen	5000
2242	Anderson	Flittner	6000
2243	Neur	Hildebrand	8000
2244	Page	Owner	3000
2245	Bowil	Marshall	5000
2246	Kahn	MacDonald	25000
2247	Frederickson	Owner	3500
2248	Silva	Owner	2500
2249	Voise	Allen	1500
2250	Dean	Owner	4200
2251	Taylor	Owner	3000
2252	Lee	Coast Const.	22547
2253	Johnson	Peterson	8654
2254	Leina	Owner	2000
2255	Dax	Bonkofsky	1500
2256	Banning	Owner	1400
2257	Paflen	Owner	3900
2258	Dax	Bonkofsky	1500
2259	Elgarten	Ortzoro	13600
2260	Capra	Valente	4000
2261	Rizzo	Merritt	4135
2262	King	Leonardo	4000
2263	Johnson	Coburn	17000
2264	Dolan	Owner	3950
2265	Teeter	Owner	5000
2266	Perkins	Milk	4500
2267	Parks	Owner	2800
2268	St. Mary	Owner	1000
2269	Fleming	Norton	1945
2270	Langeberg	Owner	3000
2271	Rackerty	Stewart	7500
2272	Pfrang	Owner	5000
2273	Cameron	Owner	4000
2274	Whitehouse	Owner	3500
2275	United	Murch	4607
2276	Nelson	Hamilton	3000

DWELLINGS
(2114) 1336, 1338 HARRISON, Berkeley. 1-story 5-room and 1-story 3-room dwellings.
Owner—Mrs. Minnie Schroeder, 1099 66th St., Berkeley.
Architect—None. $2000 & $1000

DWELLING
(2115) 2411 GRANT, Berkeley. 2-sto. 9-room dwelling.
Owner—J. H. Jevens, 5328 James Ave., Oakland.
Architect—None.
Contractor—F. M. Thaxton, 3029 Regent St., Berkeley. $7000

DWELLING
(2116) 1611 SPRUCE, Berkeley. 1½ story 7-room dwelling and garage
Owner — Mary Phinney, 2203 Cedar, Berkeley.
Architect—None.
Contractor—J. W. Jessiman 230 7th Ave., S. F. $7500

DWELLING
(2117)) W ADAMS 460 S PERKINS, Oakland. 1-story 5-room dwlg.
Owner—John T. Whalen, 407 Federal Bldg., Oakland.
Architect—None. $4950

DWELLING
(2118) N ALMA AVE. at Chatham Rd., Oakland. 1½-story 6-room dwlg.
Owner—L. J. Madden, 381 11th St., Oakland.
Architect—None.
Contractor—F. W. Maurice, 505 E 22nd St., Oakland. $6500

DWELLING
(2119) N ARLINGTON 164 W Adeline, Oakland. 1-story 6-room dwelling and garage.
Owner—J. F. Mayer, 630 Arlington Ave Oakland.
Architect—None.
Contractor—Wm. Kat. 2430 Humboldt Ave., Oakland. $5000

STORES
(2120) S FOOTHILL BLVD. 213 W Seminary, Oaklend. 2-story stores
Owner—Lenore C. Moulin, 145 Buena Vista Ter., S. F.
Architect—Reid Bros., 105 Montgomery St., S. F.
Contractor — G. B. Pasqualetti, 2330 Larkin St., S. F. $3000

APARTMENTS
(2121) E GROVE 140 N 52ND ST., Oakland. 2-story 12 rooms, apartments and 1-story garage.
Owner—J. & R. Cerreiti and J. Perata, 15th and Cypress, Oakland.
Architect—None.
Contractor—Wm. Helms, 530 40th St., Oakland. $11,500

ADDITION
(2122) 8686 HILLCREST AVE., Oakland. 2-story addition.
Owner—Allie E. Jordan, prem.
Architect—None.
Contractor—F. H. Cox, prem. $3000

APTS & GAR.
(2123) N LINDA AVE 140 W ECHO Ave., Oakland. 2-story 16-room apartments and garage.
Owner—M. L. Wagner, 1636 Franklin, Oakland.
Architect—None.
Contractor—Cal. Bldrs. Co., Oakland. $13500

DWELLING
(2124) 2463 MAXWELL AVE., Oakland. 1-story 6-room dwelling.
Owner—A. J. Flagg, 3046 Seminary Av., Oakland.
Architect—None. $4000

ALTERATIONS
(2125) SW 19TH & BRWY., Oakland. Alterations.
Owner—Lew King.
Architect—None.
Contractor—Frank Yick, 300 8th St., Oakland. $1000

ALTERATIONS
(2126) SW 19TH & FRANKLIN, Oakland. Alterations.
Owner—Herron Estate.
Architect—None.
Contractor—Wm. Knowles, Oakland. $1533

DWELLING
(2127) N 101ST AVE 130 N BIRCH, Oakland. 1-story 4-room dwlg.
Owner—Carl A. Schmidt, 1131 87th Av Oakland.
Architect—None. $1500

DWELLING
(2128) E 103RD AVE BET BIRCH and Plymouth, Oakland. 1-story 4-room dwelling.
Owner—A. P. Fazenda, 1221 89th Ave., Oakland.
Architect—None. $1600

DWELLING
(2129) 1926 101ST AVE., Oakland. 1-story 5-room dwelling.
Owner—R. J. Johnson, 10165 Peppin, Oakland.
Architect—None. $2500

STORES AND OFFICES
(2130) W WEBSTER 100 N 17TH ST., Oakland. 2-story tile stores and offices.
Owner—J. C. Vargazi, 389 17th Street, Oakland.
Architect—None.
Contractor—Marshall & Burks, Oakland. $30000

DWELLING
(2131) W WHITTLE AVE 500 N FUNston. Oakland. 1-story 3-room dwelling.
Owner—J. G. Pollard, 724 14th Street, Oakland.
Architect—None. $2000

ALTERATIONS
(2132) 1019 ALLSTON WAY, Berkeley Alterations.
Owner—Mrs. T. A. Ergina, 2009 10th St., Berkeley.
Architect—None.
Contractor—F. Offe, 1025 Hearst Ave., Berkeley. $1000

DWELLING
(2133) 628 ARLINGTON, Berkeley. 1-story 6-room dwelling.
Owner—Henry Gede, Sr., 511 San Fernando Ave., Berkeley.
Architect—None. $5000

DWELLING
(2134) 1764 CAPRISTRANO, Berkeley. 1-story 6-room dwelling.
Owner—A. R. Heath, 2113 Allston Way, Berkeley.
Architect—None. $4000

DWELLING & GARAGE
(2135) 2940 ELMWOOD COURT, Berkeley. 2-story 6-room dwelling & garage.
Owner—W. A. Newman, Ashby Ave., Berkeley.
Architect—None.
Contractor—Albert N. Johnson, 1727 Stuart St. $5500

DWELLING & GARAGE
(2136) 2248 DERBY, Berkeley. 1-story 5-room dwelling and garage.
Owner—E. E. Carpenter, Hotel Whitecotton, Berkeley.
Architect—None. $4000

APARTMENT FLATS
(2137) 1550-2-4-6 GROVE ST., Berkeley. 2-story 15-room apartfent flats.
Owner—R. J. Taber, 2031 Lincoln St., Berkeley.
Architect—None.
Contractor—A. W. Lukes, 1606 Oxford St., Berkeley. $14,780

DWELLING & GARAGE
(2138) 1328 HASKETT ST., Berkeley. 1-story 5-room dwelling and gar.
Owner—Mr. Hill, 1314 Haskell Street, Berkeley.
Architect—None.
Contractor—Vaino J. Matkala, 2405 McKinley Ave. $3500

DWELLING & GARAGE
(2139) 1324 HASKELL ST., Berkeley. 1-story 5-room dwelling and gar.
Owner—Vaino J. Matkala, 2405 McKinley Ave., Berkeley.
Architect—None. $3500

DWELLING
(2140) 1637 WALNUT, Berkeley. 2-sto 8-room dwelling.
Owner—Fred Parsons, 2924 Harper St. Berkeley.
Architect—None. $6800

STORES
(2141) 2164-6-8 UNIVERSITY AVE., Berkeley. 1-story stores.
Owner—G. H. Serge, 1136 Fresno Ave., Berkeley.
Architect—None.
Contractor—R. Perrott, 1136 Fresno Ave., Berkeley. $7500

BRICK STORES
(2144) NW E-14TH ST & 37TH AVE., Oakland. 1-story brick stores.
Owner—H. W. Shepherd, 561 21st St., Oakland.
Architect—None.
Contractor—John Vaughan. $8000

DWELLING
(2142) 3145 MAXWELL AVE., Oakland. 1-story 6-room dwelling.
Owner—J. H. Pape, 6318 Telegraph Ave Oakland.
Architect—None.
Contractor—J. B. Peppin, 851 Trestle Glen Rd., Oakland. $4000

DWELLINGS (2)
(2143) 3003-27 MAXWELL AVE., Oakland. Two 1-story 5-room dwlgs.
Owner—J. B. Peppin, 851 Trestle Glen Rd., Oakland.
Architect—None. $4100 each

DWELLINGS (5)
(2145) 3009-15-21-3101-07 MAXWELL Ave., Oakland. Five 1-story 6-rm. dwellings.
Owner—J. B. Peppin, 851 Trestle Glen Rd., Oakland.
Architect—None. $4400 each

DWELLING
(2146) 6218 MONADNOCK WAY, Oakland. 1-story 5-room dwelling.
Owner—R. I. Lindburg.
Architect—None.
Contractor—Wm. Armstrong, 6155 Monadnock Way, Oakland. $3000

DWELLING
(2147) S ROBINSON DR JOAQUIN Miller Acres, Oakland. 1-story 5-room dwelling.
Owner—J. V. Matteson, 2202 McKinley Ave., Berkeley.
Architect—None. $1500

DWELLING
(2148) E VISTA ST 200 N WELLINGton, Oakland. 1-story 6-room dwelling.
Owner—O. A. Pedersen, 532 24th Street, Oakland.
Architect—None.
Contractor—H. A. Moe, 4116 Allendale Ave., Oakland. $4000

DWELLING
(2149) 434 WAYNE AVE. One and one-half story 6-room dwlg.
Owner—F. D. Alexander, —.
Architect—None.
Contractor—A. Meyer, 3139 Ellis St. $6000

DWELLING
(2150) N WILBUR ST. 204 E Lincoln. 1-story 3-room dwlg.
Owner. H. K. Stalberg, 17th Ave. and E 18th St.
Architect—None.
Contractor—Peter A. Lofgren, 1412 E 36th St. $3000

APTS & GARAGES
(2151) W WARFIELD AVE. 300 N Mandana Blvd., being lot 20, blk. 842, Oak. Prospect Homestead, Oakland. Apartment bldg. of 4 apts., 4 rooms each, and four garages.
Owner—Floyd and Dorothy D. Smith, 810 E-22nd St., Oakland.
Architect—None.
Contractor — Harry C. Knight, 1326 Franklin St., Oakland.
Filed Apr. 18, 1924. Dated Apr. 7, 1924 $12,000 by loan now on prop., and balance as per payments now paid and trust deeds on record.
TOTAL COST, $18,400
Bond, Sureties, Forfeit, none. Limit, 90 working days after laying mud sills. Plans and Specifications filed.
NOTE—Recorded contract reported Apr. 10, 1924, No. 1970.

APTS. & GARAGES
(2152) W ORANGE AVE. 165 AND 220 S Pearl St., being lots 38 and 39, blk. B, Ocean View Homestead Assn., Oakland. Two bldgs. each containing 4 apts. of 4 rooms each, together with breakfast rooms, dressing closets, baths, garages, etc.
Owner—Geo. E. and Frederick King Perkins, Oakland.
Architect—None.
Contractor — Harry C. Knight, 1426 Franklin St., Oakland.
Filed Apr. 18, 1924. Dated Apr. 12, 1924 10% fig. on con., net whse. cost of materials.
Roof on. $800 as por. of 10% agreement.
First coat plaster, $800, as por. of 10 % agreement.
35 days after com. and accepted, balance of 10% agreement.
Further progress payments:
Roof on $8100
1st coat plaster inside.....$8100
Com. & acptd., bal. of aprx...$16,200
TOTAL COST, $16,200
Bond, Sureties, Forfeit, none. Limit, 90 working days after laying mud sills. Plans and Specifications filed.
NOTE—Permit applied for today.

GRADING
(2153) ALAMEDA ESTUARY. Grading
Owner—Alaska Packers Assn., 111 California St., S. F.
Engineer—Philip L. Bush, 101 California St., S. F.
Contractor—Eaton & Smith, 715 Ocean Ave., S. F.
Filed Apr. 18, 1924. Dated Apr. 16, 1924
Completed and accepted $3487.50
36th day after 1162.50
TOTAL COST, $4650.00
Bond, $2325. Sureties, Geo. E. Hart and Jas. Smith. Forfeit, none. Limit, 40 working days. Plans and Specifications filed.

DWELLING
(2154) 116 ARBOR DRIVE, Piedmont. 1-story 6-room dwelling & garage
Owner—W. J. Baker, 2255 Ransome Ave., Oakland.
Architect—None.
Contractor—W. J. Baker, 2255 Ransome Ave., Oakland. $5250

(2155) 11 BONITA AVE, Piedmont. 1-story 6-room dwelling & garage.
Owner—Wilder Wight.
Architect—None.
Contractor—Wilder Wight. $4800

DWELLING
(2156) 75 CROCKER, Piedmont. 2-sto. 8-room dwelling and garage.
Owner—J. H. Smith.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $14,000

DWELLING
(2157) 133 HAGER AVE., Piedmont. 1-story 6-room dwelling & garage.
Owner—J. W. Scammell, 206 Mountain Ave., Piedmont.
Architect—None.
Contractor—J. W. Scammell, 206 Mountain Ave., Piedmont. $5200

DWELLING
(2158) 150 LAKE AVE., Piedmont. 1-story 5-room dwelling.
Owner—Albert Ferreira, 737-A Bristol Berkeley.
Architect—None. $5000

DWELLING
(2159) 19 MONTICELLO AVE., Piedmont. 1-story 6-room dwelling and garage.
Owner—A. G. Markham ,719 36th St., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $6000

DWELLING
(2160) 21 MONTICELLO AVE., Piedmont. 2-story 7-room dwelling and garage.
Owner—Ralph Nicholson.
Architect—None.
Contractor—C. M .MacGregor, 470 13th St., Oakland. $7000

DWELLING
(2161) 216 OAKMONT, Piedmont. 1-story 5-room dwelling and garage.
Owner—Lucy B. Jacco.
Architect—None. $5000

DWELLING
(2162) 127 & 125 PALM DRIVE, Piedmont. 1-story 6-room dwelling and garage.
Owner—Morgensen Bros., 5664 Broadway, Oakland.
Architect—None.
Contractor — Morgensen Bros., 5664 Broadway, Oakland. $6000 each

DWELLING
(2163) 231 PARK VIEW, Piedmont. 1-story 6-room dwelling and garage.
Owner—Edw. W. Nelson.
Architect—None.
Contractor—Edw. W. Nelson. $5500

APARTMENTS
(2164) E BEACON 90 S Excelsior Ave. Oakland. 2-story 16-room apts.
Owner—Wm. Retzer, 1636 Franklin St. Oakland.
Architect—None.
Contractor — Calif. Bldrs. Co., 1636 Franklin St., Oakland. $15,000

DWELLING
(2165) W BELGRAVE PLACE No 5443 Oakland. 2-story 6-room dwelling
Owner—F. L. Doelker, 2475 Webster St Berkeley.
Architect—None.
Contractor — Beckett & Wight 2475 Webster St., Oakland. $6000

APARTMENTS
(2166) NE BELLEVUE & ELLITA, Oakland. 3-story 52-room apts.
Owner—B. A. Jackson, 5286 Broadway, Terace, Oakland.
Architect—None.
Contractor—Smith Bldg. Co., 2226 25th Ave., Oakland. $55,000

DWLG & STORE
(2167) 3850 BROWN AVE, Oakland. 1-story 4-room dwelling and store.
Owner—Amer. Const. Co., 1422 14th St. Oakland. $3000
Architect—None.

ALTERATIONS
(2168) 612 ELEVENTH ST., Oakland. Alteration.

Diamonds—
Every One Blue-White
This firm handles only brilliant, flashing blue-white stones —the finest obtainable.
Liberal terms extended to persons permanently established and with a good reputation for paying their bills.
The Albert S. Samuels Co. JEWELERS
33 Kearny 895 Market

Owner—Pacific Whse. Co.
Architect—None.
Contractor—Schnebly & Hostrauser 6th and Jackson, Oakland. $4500

APARTMENTS
(2169) N E-FIFTEENTH ST. 40 W 12th Ave., Oakland. 2-story 11-room apartments.
Owner—J. W. Armstrong, 1528 12th Ave., Oakland.
Architect—A. W. Smith.
Contractor — Beach & Hughes, 902 Washington St., Oakland. $11,000

DWELLINGS
(2170) 943 FIFTY-FIFTH ST. AND 5421 Adeline, Oakland. Two 1-story 5-room dwellings.
Owner—Colt Inv. Co., 306 14th St., Oakland.
Architect—None. , $3800 each

DWELLING
(2171) W HIGH ST 80 N Penniman, Oakland. 1-story 5-room dwelling.
Owner—W. J. Myers, 3214 High St., Oakland.
Architect—None. $4000

DWELLING
(2172) SW KANSAS & MAGEE, Oakland. 1-story 6-room dwelling.
Owner—St. Andrews M. E. Church.
Architect—None.
Contractor—Arvid Johnson, 4233 Redding, Oakland. $5000

DWELLINGS
(2173) W LAYMANCE 400 437 474 504 517 577 N 69th Ave., Oakland. Five 1-story 5-room dwellings.
Owner—L. V. Davidow, Henshaw Bldg., Oakland.
Architect—None. $3000 each

DWELLING
(2174) N LYNDE ST. 470 E Peralta Ave., Oakland. 1-story 4-room dwlg
Owner—J. C. Williamson, 3268 Lynde St., Oakland.
Architect—None. $2500

REPAIRS
(2175) E MADISON ST. 50 N 6th St., Oakland. Repairs.
Owner—A. J. Pillsbury.
Architect—None.
Contractor—H. A. Moe. $1600

DWELLING
(2176) W MANILA 250 N 41st St., Oakland. 1-story 8-room dwlg.
Owner—H. N. Cumming, 4141 Manila Ave., Oakland.
Architect—None. $5000

DWELLING
(2177) E MAYBELLE 180 N Masterson Oakland. 1-story 5-room dwelling.
Owner—H. H. Purellege, Maybelle & Masterson, Oakland.
Architect—None.
Contractor—Andrews & Hagen, 3878 Maybelle, Oakland. $3000

DWELLINGS
(2178) W PARK BLVD. 247-282 S Hollywood, Oakland, Oakland. 1-story 6-room dwellings (2).
Owner—Mrs. A. Tickell, 2204 E-39th St. Oakland.
Architect—..None.
Contractor—A. W. Schneck, 3372 Maine St., Oakland. $4000 each

DWELLING
(2179) N SCHOOL ST. 200 E 35th Ave Oakland. 1-story 5-room dwelling.
Owner—Chas. Nelson.
Architect—None.
Contractor—A. W. Schneck, 3372 Maln St., Oakland. $3000

FLATS
(2180) SW SIXTIETH AVE. AND Camden St., Oakland. 1½-story 12-room flats.
Owner—E. F. Bentley, Hayward.
Architect—None.
Contractor—J. F. White, 6680 Braun St., Oakland. $7800

DWELLING
(2181) 2112 SIXTY-FIFTH AVE., Oakland. 1-story 5-room dwelling.
Owr—Geo. B. Davis, 3283 Hyde St., Oakland.
Architect—None. $3900

DWELLING
(2182) W SIXTY-FOURTH AVE. 33 N Bromley, Oakland. 1-story 4-room dwelling.
Owner—Peter Von Ah, 1901 64th Ave., Oakland.
Architect—None. $2400

RESIDENCE
(2183) LOT 28 BLK 8 LAKESHORE Highlands, Oakland. All work for residence.
Owner—R. Karger, 184 13th Oakland.
Architect—E. W. Cannon, 3601 West, Oakland.
Contractor—E. T. Leiter & Sons, Central Bank Bldg., Oakland.
Filed Apr 19, 1924. Dated April 17, 1924
Frame up 25%
Plastered 25%
Accepted 25%
Usual 35 days 25%
TOTAL COST, $8600
Bond, Forfeit, none; Limit, 90 working days; Plans and specifications filed.

DWELLING
(2184) LT. 4 LAFAYETTE TERRACE Piedmont. All work for dwelling and garage.
Owner—A.L. Cunningham Jr., 1034 Harvard, Piedmont.
Architect—Reed & Corlett, Oakland Bk Bldg., Oakland.
Contractor—A. Cederborg, 1445 Excelsior Blvd., Oakland.
Filed April 19, 1924. Dated Apr 18, 1924
10th each month .....75% value
Completed increase ...75% con. price
Usual 35 days .....Balance
TOTAL COST, $15,490
Bond, Forfeit, none; Limit, Aug. 15, 1924; Plans and specifications filed.

DWELLING
(2185) SE 24 FT LOT 3 & NW 15 FT lot 4 Ellen Stotts Tr No. 2 Brooklyn Tp, Oakland. Dwelling.
Owner—H. K. Stolberg, 8727 Hillcrest Oakland.
Architect—None.
Contractor—P. A. Lofgren, 1119 Magnolia, Oakland.
Filed April 19, 1924. Dated Apr 16, 1924
Frame up $825
2nd coat plaster 825
Com filed & recorded..... 825
Usual 35 days 825
TOTAL COST, $3300
Bond, Forfeit, none; Limit, 40 working days after April 21, 1924; Plans and specifications filed.

GRADING ETC.
(2186) CITY OF ALAMEDA. Grading and const. road bed.
Owner—S. P. Co., S. P. Bldg., S. F.
Architect—None.
Contractor—Hutchinson Co., Hutchinson Bldg., Oakland.
Filed April 18, 1924. Dated Apr 17, 1924
Payments not given.
TOTAL COST—49c per cu. yd. of excavation.
Bond, $1274; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, none; Plans and Specifications, none.

DWELLINGS (3) & GARAGES (2)
(2187) 1525-1529-1533 ADA, Berkeley. Three 1-story 5-room dwellings & two garages.
Owner—R. J. Pavert, Merc. Trust Bldg., Berkeley.
Architect—None. $3450 each

DWELLINGS (3)
(2188) 1343 CARLOTTA & 1311 & 1317 Walnut, Berkeley. Trdee 1-story 5-room dwellings.
Owner—P. E. Marquis, 2045 Shattuck, Berkeley.
Architect—None. $3000 each

DWELLING
(2189) 1209 GLEN AVE., Berkeley. 1-story 6-room dwelling.
Owner—Jack Bjorklund, 822 Peralta Ave., Berkeley.
Architect—None. $3500

ADD. & ALT.
(2190) 3005 HARPER, Berkeley . Addition and alterations.
Owner—Mrs. F. W. Kunzelman, Berkeley.
Architect—None.
Contractor—A. E. White, 616 14th St., Oakland. $2000

DWELLING
(2191) 1235 KAINS AVE., Berkeley. 1-story 3-room dwelling.
Owner—P. Torchio, 1236 Kains Ave., Berkeley.
Architect—None.
Contractor—T. Cisero, 458 42nd St., Oakland. $2500

DWELLINGS (3)
(2192) 681-685-689 NEILSON, Berkeley. Three 1-story 5-room dwlgs.
Owner—Designers & Bldrs. Corp., 1516 Grant, Berkeley.
Architect—None.
Contractor—E. Teicheira, 1516 Grant, Berkeley. $3000 each

ADD. & ALT.
(2193) 1634 OREGON, Berkeley. Addition and alterations.
Owner—Mrs. M. R. James, Berkeley.
Architect—None.
Contractor—J. F. Brown, 1920 Seminary, Oakland. $1200

DWELLING & GARAGE
(2194) 1535 SCENIC, Berkeley. 1-sto. 6-room dwelling and garage.
Owner—Mrs. L. Schwab, Oxford St., Berkeley.
Architect—C. B. Crane & Son.
Contractor—J. B. Peppin, 1536 Franklin, Berkeley. $5750

DWELLING
(2195) 1622 STANNAGE ST., Berkeley. 1-story 2-room dwelling.
Owner—John Clement, 2334 Curtis St., Berkeley.
Architect—None. $1000

DWELLING & GARAGE
(2196) 1618 TYLER ST., Berkeley. 1-story 6-room dwelling and gar.
Owner—Mr. and Mrs. B. Dallerey, 1624 Prince St., Berkeley.
Architect—None.
Contractor—Walter Sorensen, 3221 E Ellis St., Berkeley. $7000

GARAGE
(2197) 2325 WOOLSEY, Berkeley. 1-story garage.
Owner—B. F .Whitton, 2828 Russell, Berkeley.
Architect—None.
Contraetor—MacDonell & Foreman, 1686 Shattuck, Berkeley. $1000

DWELLING
(2198) N BONA 160 E FRUITVALE Ave., Oakland. 1-story 5-room dwelling.
Owner—F. Johnson, 2930 Bona Street, Oakland.
Architect—None. $2500

DWELLING
(2199) 5300 CALVERAS AVE., Oakland. 1-story 4-room dwelling.
Owner—N. Swanson, Oakland.
Architect—None.
Contractor—A. Anderson, 3027 Florida St., Oakland. $2600

DWELLING & GARAGE
(2200) NE COLE & TRASK STS., Oakland. 1-story 7-room dwelling and garage.
Owner—P. R. Duner, 4200 E 14th St., Oakland.
Architect—None.
Contractor—E. Jacobson, 2535 98th Ave., Oakland. $6500

DWELLINGS (2)
(2201) N CONTRA COSTA RD 120 E Buena Vista and S cor E 29th St. and Ftyle. Ave., Oakland. Two 1-story 6-room dwellings.
Owner—H. C. Perang, 5659 Ocean View Drive, Oakland.
Architect—None. $7000 each

DWELLING
(2202) W CARLTON 30 N BDWY TER Oakland. 2-story 6-room dwelling.
Owner—W. R. Harper. 2457 Webster St., Berkeley.
Architect—None.
Contractor—Beckett & Wright. $6600

DWELLING
(2203) S E ST 160 E 98TH AVENUE, Oakland. 1-story 4-room dwlg.
Owner—E. J. Elliott.
Architect—None.
Contractor—G. E. Nickerson, 1040 98th Ave. O,akland. $2000

STORES
(2204) N FOOTHILL BLVD. 50 E Fairfax, Oakland. 1-story stores.
Owner—E. A .Schumacher, 693 Santa Ray, Oakland.
Architect—None. $3500

FLATS
(2205) 416 45TH ST., Oakland. 2-sto. 8-room flats.
Owner—G. Gianatti, 1636 Franklin St. Oakland.
Architect—None.
Contractor—Calif. Bldrs., 1636 Franklin, Oakland. $8000

DWELLING
(2206) E 107TH 300 E-14TH St., Oakland. 1-story 5-room dwlg.
Owner—Geo. M. Goodman.
Architect—None.
Contractor—Edwin W. Dahl, 2435 E 24th St., Oakland. $3000

GARAGE
(2207) W PIEDMONT AVE 350 S 40th St., Oakland. 1-story tile gar.
Owner—L. Jensen.
Architect—None.
Contractor—C. W. Sport, 574 Rosal Ave., Oakland. $2000

DWELLING
(2208) W PORTAL AVE. 300 N ASHmount, Oakland. 2-story 7-room dwelling.
Owner—Emma Cords, 2270 Telegraph Ave., Oakland.
Architect—None.
Contraetor—Alfred Cords, Oakland. $7000

DWELLING
(2209) W RANDOLPH 125 W HOPkins, Oakland. 1-story 4-room dwelling.
Owner—Klewisch & Gallick.
Architect—None.
Contractor—Harry Meyer, 3216 Brookdale, Oakland. $3200

DWELLINGS (2)
(2210) 3538-3544 REDDING STREET, Oakland. Two 1-story 4-room dwellings.
Owner—S. C. Reid, 3600 Hopkins St., Oakland.

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY
(THE SAN FRANCISCO BANK)
SAVINGS COMMERCIAL
INCORPORATED FEBRUARY 10th, 1868.
One of the Oldest Banks In California, the Assets of which have never been increased by mergers or consolidations with other Banks.
Member Associated Savings Banks of San Francisco
526 California Street, San Francisco, Cal.
DECEMBER 31st, 1923
Assets..... $89,171,468.57
Capital, Reserve and Contingent Funds..... 3,850,000.00
Employees' Pension Fund..... 430,275.37
MISSION BRANCH.....Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....Haight and Belvedere Streets
WEST PORTAL BRANCH.....West Portal Ave. and Ulloa St.
Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

Architect—None.
Contractor—C. A. Shipman, 2621 55th Ave., Oakland. $2350 each

DWELLING
(2211) S SCOTT ST 150 W JONES Ave., Oakland. 1-story 5-room dwelling.
Owner—O. G. Newman, 5532 E 15th St. Oakland.
Architect—None.
Contractor—James & Tell, 3889 Brown Ave., Oakland. $2800

DWELLING
(2212) S SEQUOIA 100 E ARROYOLA, Oakland. 1-story 4-room dwlg.
Owner—S. A. Warner, 850 Cleveland, Oakland.
Architect—None. $2000

ALTERATIONS
(2213) N E-16TH & SAN PABLO, Oakland. Alterations.
Owner—Brownell.
Architect—Shirmer Bugbee Co., Thayer Bldg., Oakland.
Contractor—R. W. Littlefield, 357 12th St., Oakland. $8000

DWELLING
(2214) 2480 65TH AVENUE, Oakland. 1-story 5-room dwelling.
Owner—Lewis Graham, 1704 55th Ave., Oakland.
Architect—None. $3750

DWELLING
(2215) 1017 E-TWENTY-THIRD St., Oakland. 1-story 4-room dwlg.
Owner—W. R. Williams, 1920 E-23rd St., Okaland.
Architect—None.
Contractor—H. J. Nichols, 7700 Foothill Blvd. Oakland. $2750

DWELLING
(2216) SW E-TWENTY-SECOND ST. and 11th Ave. Oakland. 1-story 8-room dwelling.
Owner — L. Price, 1727 Marin Ave., Oakland.
Architect—None.
Contractor—Leslie Price, 1047 Franklin St., Oakland. $6000

DWELLING
(2217) N SIDE BAY BET. SAN Antonio and Central, Alameda. 2-story 7-room dwelling.
Owner—L. J. Ressman, 835 Oak St., Alameda.
Architect—None.
Contractor—W. O. Lewis, 11-12 Bacon Bldg., Oakland. $11,776

DWELLING
(2218) W SIDE BAY ST. BET. SANTA Clara and Central, Alameda. 2-story 7-room dwelling.
Owner—Mrs. W. B. Titus.
Architect—None.
Contractor—Wm. Broadway. $6500

DWELLING
(2219) 1623-25-27-29 GRAND Alameda 2-story 12-room dwelling and garage.
Owner—Anita E. Bradley, 1632 Pacific Ave., Alameda.
Architect—None.
Contractor—Geo. Smith. $8000

ADDITION
(2220) 2408 LINCOLN AVE., Alameda. Addition.
Owner—Ida Code.
Architect—None.
Contractor—R D. Baker, 2127 Pacific Ave., Alameda. $1000

ALTERATIONS
(2221) 2235 LINCOLN AVE., Alameda. Alterations.
Owner—Alameda Steam Laundry, prem
Architect—None.
Contractor—Chas Norman, 844 45th St., Oakland. $1200

DWELLING
(2222) 840 PACIFIC AVE., Alameda. 1-story 6-room dwlg.
Owner—Ben F. Kopf, 845 Pacific Ave., Alameda.
Architect—None. $4200

DWELLING
(2223) 1311 PEARL ST., Alameda. 1-story 6-room dwelling.
Owner—Anne Anderson, 2109 Pacific Ave., Alameda.
Architect—None.
Contractor—J. H. Rockingham, 1433 Grand St., Alameda. $3900

DWELLING
(2224) 2058 SAN ANTONIO, Alameda. 2-story 12-room dwelling.
Owner—Maria Paula, Santa Clara Ave., Alameda.
Architect—None.
Contractor—Hind Bros., 871 Oak St., Alameda. $6500

DWELLING
(2225) 2064 SAN JOSE AVE., Alameda. 1-story 5-room dwlg.
Owner—Edith Ed Meincke, 916 Chestnut St., Alameda.
Architect—None.
Contractor—M. C. Kaler, 2061 San Jose Ave., Alameda. $4000

ADDITION
(2226) 2901 SANTA CLARA, Alameda. Addition.
Owner—Otto and Pauline Sheerer, 812 Taylor Ave., Alameda.
Architect—None.
Contractor—E. Maasberg, 1420 Wellington St., Oakland. $2935

DWELLING
(2227) 2715 SANTA CLARA, Alameda. 1-story 5-room dwelling.
Owner—C. L. Goober, Park St., Alameda.
Architect—None.
Contractor—Z. Cowart, 3275 Central, Alameda. $3500

DWELLING
(2228) 2708 WASHINGTON, Alameda. 1-story 6-room dwlg.
Owner—G. H. Noble.
Architect—None. $4000

ALTERATIONS
(2229) SW WEBSTER AND TAYLOR Alameda. Alterations.
Owner—L. R. Weinman, 811 Paru St., Alameda.
Architect—None.
Contractor—V. E. Thorpe, 1718 Alameda Ave., Alameda. $1500

DWELLING
(2230) FOOTHILL BLVD., Oakland. Five-room dwelling.
Owner—Dr. A. C. McDaniel, Henshaw Bldg., Oakland.
Architect — Wm. J. Wilkinson, Com. Bldg., Oakland.
Contractor—Geo. Engs, 690 Santa Ray Ave., Oakland.
Filed Apr. 21, 1924. Dated Mar. 15, 1924
Rough frame com. $887.50
Plastering com. 887.50
Completed 887.50
Usual 35 days 887.50
TOTAL COST, $3550
Bond, sureties, forfeit, none. Limit, 90 working days after beg. work. Plans and specifications filed.
NOTE—Permit reported Apr. 8, 1924, No. 1918.

ALTERATIONS
(2231) 465 TWELFTH STREET, Oakland. Alterations to store.
Owner—United Stores Realty Corp., New York, N. Y.
Architect—Earle B. Bertz, —.
Contractor—Murch-Williams Const. Co. Federal Realty Bldg., Oakland.
Filed Apr. 21, 1924. Dated Apr. 21, 1924
Ready for plastering $1727
Completed and accepted 1728
Usual 35 days 1152
TOTAL COST, $4607
Bond, sureties, forfeit, none. Limit, 90 working days. Plans and specifications filed.

DWELLING
(2232) NO. 1209 CHANNING, Berkeley. One-story 5-room dwelling and garage.
Owner—David Kesti, 1211 Allston Way, Berkeley.
Architect—None. $2850

DWELLING
(2233) NO. 2246 GROVE ST., Berkeley. Two-story 7-room dwelling and addition.
Owner—G. Sidney Rose, Bancroft Way, Berkeley.
Architect—None.
Contractor—Geo. F. Rose, 1920 Grant St., Berkeley. $4000

DWELLING
(2234) NO. 16 NOGALES, Berkeley. Two-story 10-room dwelling.
Owner—W. C. Sheppard, 2620 Parker St., Berkeley.
Architect—None.
Contractor—Nis Skow, 928 E-22nd St., Oakland. $8000

ADDITIONS
(2235) SW SEVENTH AND ADDISON Berkeley. Additions and alterations.
Owner—Day Nursery, Premises.
Architect—None.
Contractor—Curtis Wright, 2716 Telegraph Ave., Berkeley. $1000

DWELLING
(2236) NO. 646 VICENTE, Berkeley. One-story 6-room dwelling.
Owner—Hans C. Anderson, 937 Snyder Ave., Berkeley.
Architect—None. $4250

ALTERATIONS
(2237) NO. 3031 WHEELER, Berkeley Alter two-story 8-room dwelling.
Owner—F. C. Joorftcy, Premises.
Architect—None.
Contractor—D. J. Daly, 1531 Oregon St., Berkeley. $1100

DWELLING
(2238) N DELAWARE 75 W Maple Ave., Oakland. 1-story 5-room dwlg
Owner—T. J. Fee, 2375 Fruitvale Ave., Oakland.
Architect—None. $4500

DWELLING
(2239) 2927 FIFTY-FIFTH AVE, Oakland. 1-story 5-room dwelling.
Owner — Geo. H. Drysdale, 2321 38th Ave., Oakland.
Architect—None. $3500

DWELLING
(2240) 2933 FIFTY-FIFTH AVENUE, Oakland. 1-story 5-room dwelling.
Owner—J. W. Segivola, 2333 38th Ave., Oakland.
Architect—None. $3200

STORES
(2241) S FOOTHILL BLVD 100 E 33rd Ave., Oakland. 1-story 2-rm stores.
Owner—Jean Poye, 3331 Foothill Blvd., Oakland.
Architect—None.
Contractor — J. B. Petersen, 2053 38th Ave., Oakland. $5000

DWELLINGS
(2242) 6201-15 HAYES ST., Oakland. Two 1-story 4-room dwellings.
Owner—Fred Anderson, 4221 E-14th St. Oakland.
Architect—None.
Contractor—Jos. Flittner, 1700 35th Ave., Oakland. $3000 each

DWELLING
(2243) N HOLLYWOOD opp. San Sebastian, Oakland. 1-story 6-room dwelling.
Owner—Robt. Mayo Neur, Jr., 3042 23rd Ave., Oakland.
Architect—E. T. Faulkes.
Contractor—C. G. Hildebrand 1700 Fremont Way, Oakland. $8000

DWELLING
(2244) W NINETY-EIGHTH AVE. 50 N Olive St., Oakland. 1-story 5-rm. dwelling.
Owner—M. Page, 2060 55th Ave., Oakland.
Architect—None. $3000

DWELLING
(2245) W ROSS CIRCLE 400 E Ross, Oakland. 1-story 7-room dwelling.
Owner—F. L. Bowle, 5985 Claremont Ave., Oakland.
Architect—None.
Contractor—J. A. Marshall, 6320 Florio St., Oakland. $5000

ALTERATIONS
(2246) SW SIXTEENTH AND TELEgraph, Oakland. Alterations.
Owner—Kahn Bros., Inc., premises.
Architect—None
Contractor—MacDonald & Kahn, 405 Tapscott Bldg., Oakland. $25,000

DWELLING
(2247) 2627 SIXTY-FIFTH AVE., Oakland. 1-story 5-room dwelling.
Owner—Karl S. Frederickson, 16 Bonita Ave., Piedmont.
Architect—None. $3500

DWELLING
(2248) W SIXTY-FOURTH AVE. 100 S Trenor St., Oakland. 1-story 4-room dwelling.
Owner—M. R. Silva, 1811 Park Blvd., Oakland.
Architect—None. $2500

ADDITION
(2249) 3331 TELEGRAPH AVE., Oakland. Addition.

Owner—Mrs. L. D. Voise, 550 33rd St., Oakland.
Architect—None.
Contractor—F. E. Allen, 2718 Regent St., Berkeley. $1500

DWELLING
(2250) N E-THIRTY-THIRD ST. 300 E 13th Ave., Oakland. 1-story 5-room dwelling.
Owner—C. M. Dean, 3571 Fruitvale Ave Oakland.
Architect—None. $4300

DWELLING
(2251) W TWENTY-FIRST AVE. 30 S E-27th St., Oakland. 1-story 5-rm. dwelling.
Owner—C. L. Taylor, 1621 10th Ave., Oakland.
Architect—None. $3000

STORE & HOTEL
(2252) 381 EIGHTH ST., Oakland. All work for 3-story reinforced concrete store and hotel building.
Owner—Lee Chuck Wing, Lo See, How Lai, Sin York, Lee Ding and Lee Chow How, Oakland.
Architect—John Parson, 50 Yosemite, Piedmont.
Contractor—Coast Const. Co., Crocker Bldg., San Francisco.
Filed April 22, 1924. Dated April 3, 1924
Walks in place $5636.75
Ready for plastering 5636.75
Completed and accepted.... 5636.75
Usual 35 days 5636.75
TOTAL COST, $22,547
Bond, $5637; Sureties, The Aetna Casualty & Surety Co.; Forfeit, $25 day; Limit, 100 working days; Plans and specifications filed.
NOTE — Permit reported April 16, 1924, No. 2081.

BUNGALOWS
(2253) S PLEASANT VALLEY COURT 200 237 E Pleasant Valley Ave., Oakland. All work for two bungalows, 1-story 5-room.
Owner—H. C. Johnson, 234 Liberty St., San Francisco.
Architect—None.
Contractor—Alfred Peterson, 3918 Linwood, Oakland.
Filed April 22, 1924. Dated Feb. 25, 1924.
Contractor for services.....$600
Bills to be paid by owner as work progresses.
TOTAL COST—Not to exceed $8654
Bond, Forfeit, none; Limit, 60 working days; Plans and specifications, none.
NOTE—Permit reported February 27, 1924, No. 1023.

DWELLING
(2254) NO. 1225 ALLSTON, Berkeley. One-story 5-room dwelling and garage.
Owner—Albin Leina, 1619 Kains Ave., Berkeley.
Architect—None. $2650

DWELLING
(2255) NO. 1622 BELVEDERE, Berkeley. One-story 3-room dwlg.
Owner—Mrs. R. Dax, 1628 Belvedere St., Berkeley.
Architect—None.
Contractor—F. E. Bonkofsky, 1621 Belvedere St., Berkeley. $1500

MILL
(2256) NO. 1340 CHANNING, Berkeley. One-story planing mill.
Owner—R. H. Banning.
Architect—None. $1400

DWELLING
(2257) NO. 1626 SAN LORENZO ST., Berkeley. One-story 5-room dwelling and garage.
Owner — A. H. Pallen, 686 61st St., Oakland.
Architect—None. $3900

DWELLING
(2258) 1622 BELVEDERE, Berkeley. 1-story 3-room dwlg.
Owner—Mrs. R. Dax, 1628 Belvedere, Berkeley.
Architect—None.
Contractor—F. E. Bonkofsky, 1621 Belvedere, Berkeley. $1500

GARAGE
(2259) E BROADWAY 99 N Ridgeway, Oakland. 1-story brick garage.
Owner—Dr. M. Elgarten, 345 Hanover, Oakland.
Architect—None.
Contractor—A. Ortzoro, 3929 West St., Oakland. $13,600

DWELLING
(2260) 439 FORTY-THIRD STREET, Oakland. 1-story 6-room dwlg.
Owner—E. Capra, 443 43rd St., Oakland
Architect—None.
Contractor—M. E. Valente, 5215 Locksley Ave., Oakland. $4000

ADDITION
(2261) 136 AND 140 E-FOURTEENTH St., Oakland. Addition.
Owner—N. J. Rizzo, 3725 Foothill Blvd. Oakland.
Architect—None.
Contractor—G. W. Merritt, 7934 Ney Ave., Oakland. $4135

ADDITION
(2262) 931? E-FOURTEENTH ST., Oakland. 2nd story 5-room addition.
Owner—Solomon King, ——.
Architect—None.
Contractor—Frank J. Leonardo, 1462 86th Ave., Oakland. $4000

REPAIRS
(2263) 1422 JEFFERSON AND 587 16th St., Oakland. Fire repairs.
Owner—D. W. Johnson, 16 California St., San Francisco.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., S. F. $7000 $10,000

DWELLING
(2264) S LERIDA 300 W Carlton, Oakland. 1-story 6-room dwlg.
Owner—Leo J. Dolan, Syndicate Bldg., Oakland.
Architect—None. $3950

DWELLING
(2265) W LINWOOD 415 S Hampel, Oakland. 1-story 5-room dwelling and garage.
Owner—J. H. Teeter, 320 E-18th St., Oakland.
Architect—None. $5000

DWELLING
(2266) 2628 MARLIN ST., Oakland. 2-story 7-room dwelling.
Owner—C. E. Perkins, 8929 Scott St., Oakland.
Architect—None.
Contractor—Geo. Mills, 1943 103rd Ave Oakland. $4500

DWELLING
(2267) 6206 MONADNOCK WAY, Oakland. 1-story 5-r4oom dwlg.
Owner—D. W. Parker, 2536 63rd Ave., Oakland.
Architect—None. $2800

ALTERATIONS
(2268) W NINETY-FIFTH AVE. 200 S E-14th St., Oakland. Alterations.
Owner—Joe St. Mary, 9415 E-14th St., Oakland.
Architect—None. $1000

DWELLING
(2269) N OUTLOOK 110 E Parker, Oakland. 1-story 4-room dwelling.
Owner—Mary and Anna Fleming, 2906 Grove St., Berkeley.
Architect—None.
Contractor—Max Norton, 2936 Grove St Berkeley. $1945

DWELLING
(2270) S PLEASANT 125 W Boston Ave., Oakland. 1-story 5-room dwlg
Owner—C. Langeberg, 2322 Fruitvale Ave., Oakland.
Architect—None. $3000

DWELLING
(2271) SW SCOTT & WARFIELD, Oakland. 1-story 8-room dwelling (2 family).
Owner—R. Rackerty, 47 Adeline St., Oakland.
Architect—None.
Contractor—B. A. Stewart, 102 Magnolia Ave., Piedmont. $7500

DWELLING
(2272) S TAFT AVE. 100 E Broadway Oakland. 1-story 5-room dwelling.
Owner—C. J. Pfrang, 480 Forest St., Oakland.
Architect—None. $5000

DWELLING
(2273) SE TEXAS ST AND PERALTA Ave., Oakland, 1-story 7-rm dwlg.
Owner—Herbert C. Cameron, 5619 Dover St., Oakland.
Architect—None. $4000

DWELLING
(2274) N E-THIRTY-EIGHTH ST. 60 W Elston Ave., Oakland. 1-story 5-room dwelling.
Owner—J. T. Whitehouse, 124 Moraga Rd. Piedmont.
Architect—None. $3500

ALTERATIONS
(2275) 465 TWELFTH ST., Oakland. Alterations.
Owner—United Cigar Stores Co.
Architect—None.
Contractor—Murch-Williams Const. Co. 308 Fox Bldg., Oakland. $4607

DWELLING
(2276) E TWENTY-THIRD AVE. 150 N E-29th St., Oakland. 1-story 5-room dwelling.
Owner—Wm. Nelson, 5747 Grove St., Oakland.
Architect—None.
Contractor—Murphey F. Hamilton, 603 Colusa Ave., Berkeley. $3000

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Amount

April 17, 1924—NO. 1336 McGEE AVE Berkeley. Harold de Normandie to whom it may concern.....April 16, 1924

April 17, 1924—SE FAIRVIEW AND Shattuck Ave. Oakland. Rose Segure to C E Charleston.....April 17, 1924

April 17, 1924—2323 DURANT AVE., Oakland. A. G. Wegner to whom it may concern .....April 15, 1924

April 17, 1924—LOTS 13 AND 14, blk. E, Map of Foot Hill Park, Brooklyn Tp., Oakland. F. A. Muller to whom it may concern.. ..... April 5, 1924

April 17, 1924—E SIDE SHATTUCK bet. 58th and 59th Sts., Oakland. Jas. C. Peacock to A. Roust... ..... April 17, 1924

April 16, 1924 — 1651, 1653 CALIfornia St., Berkeley. Chas. E. Eakin to whom it may concern.. ..... April 16, 1924

April 16, 1924—LOT 28 AND NE 12½ lot 27, blk. 11, Map of Havenscourt, Oakland. M. R. Silva to whom it may concern.Apr. 15, 1924

April 16, 1924—LOT 7, BLK. 16, Thousand Oaks, Berkeley. Margaret A. Palmer to J. Harry Smith ..... April 16, 1924

April 16, 1924—1326 GROVE ST., Berkeley. Flora A. Casse to Fox Bros. ..... April 12, 1924

April 18, 1924—NO. 148 WILDWOOD Ave, Piedmont. Jay Monroe and Rosa Lee Baldwin to J B Peppin.. .....Mar. 24, 1924

April 18, 1924—NO. 1832 101ST AVE. Oakland. L B Quimby to whom it may concern.....April 9, 1924

April 18, 1924—NW TWENTIETH St. and 20th Ave.. Oakland. H Arnold to California Builders Co. .....April 17, 1924

April 18, 1924—NO. 2615 HAVENScourt Blvd., Oakland. Walter Lee to whom it may concern.April 17, 24

April 18, 1924—LOT 2 BLK 15, Josie McLaren to whom it may concern ..... April 15, 1924

April 18, 1924—PTN BLK 7, Brookdale Terrace, Oakland. Melrose Realty Co to R K Wells.April 11, '24

April 18, 1924—NE FOURTH AVE & E-15th St., Oakland. L Nathanson to A Nathanson..April 10, 1924

April 18, 1924—NO. 2322 CEDAR ST., Berkeley. Helen A Stern to Emil Person.....April 16, 1924

April 17, 1924—NO. 3418 MAYBELLE St., Oakland. Jett & Wallace to whom it may concern..April 16, 1924

April 17, 1924—LOT 30 Map 4th Ave. Court, Oakland. Margaret C Dunn to J W Monroe .....April 10, 1924

April 17, 1924—NO. 2598 BUENA Vista Way, Berkeley. Bernard Alfred Etcheverry to H H Porter .....April 17, 1924

April 17, 1924—LOT 56 AND SW 5 Lot 55 Map of the Ppty of R Cords, Jr, Brooklyn Tp, Oakland. Caroline J Thompson to whom it may concern.....April 14, 1924

April 17, 1924—LOCATION NOT Given. J C James to James & Tell .....April 17, 1924

April 17, 1924—LOT 15 Moss Estate, Oakland. John and Pauline Schnell to B Albertson.Apr. 17, 1924

April 17, 1924—LOT 131 Map of the Dowling Homestead Tr Brooklyn

Tp., Oakland. Glenden E Houtz o twhom It may concern.Apr. 9, 1924
April 17, 1924—LOT 59 Map of Jeannette Von Ah Tract, Oakland. C G Burns to whom it may concern .....April 14, 1924
April 17, 1924—NE 27 LOT 22 and SE 11½ Lot 21 Blk 1, Blvd Park, Oakland. A J Harris to whom it may concern.....April 17, 1924
April 17, 1924—LOT 15 BLK "R" Map of Central Piedmont Tract No. 4, Oakland Tp., Piedmont. J W Martin to whom it may concern... .....April 17, 1924
April 21, 1924—LOT 21 and N 12½ Lot 20 Blk 1, Havenscourt, Oakland. Lewis Graham to whom it may concern.....April 21, 1924
April 21, 1924—NO. 333 FIFTEENTH St., Oakland. A W Meyer to Mullin & Pruner.....April 19, 1924
April 21, 1924—LOTS 25 AND 26 BLK 23, Melrose Heights, Oakland. H A Heyn to Oliver Legault..... .....April 19, 1924
April 21, 1924—W HORTON 150 N Fifty-third, Emeryville. The Globe Register Co to Marshall & Burks .....April 21, 1924
April 19, 1924 — LOT 40, MAP OF Chabolyn Ter., Oakland. Geo. H. Scott and Walter Sayers to J. H. Mogk .....April 18, 1924
April 19, 1924—SW E-14TH ST. & 16th Ave., Oakland. Kate Hutson to Calif. Bldrs. Co. ....April 11, 1924
April 19, 1924 — 1601 98TH AVE., Oakland. E. J. Monks to whom it may concern .....April 17, 1924
April 19, 1924—LOTS 9 AND 10, Lakeside Sub-Div., Adam's Point, Oakland. W. L. Harbach to Thos. A. Cuthbertson .....April 18, 1924
April 19, 1924 — LOTS 9 AND 10, Lakeside Sub-Div., Adam's Point, Oakland. W. L. Harbach to Carl T. Doell .....April 18, 1924
April 19, 1924—LOT 5, BLK. 4, 4TH Ave. Heights, Oakland. Mabel Erbentrant to Leroy M. Baird..... .....April 19, 1924
April 22, 1924——NO. 2629 KINGSland Ave., Oakland. S Thomsen to F Shaw.....April 18, 1924
April 22, 1924—NO. 1846 SIXTH AV Oakland. Jas Coffey to Oscar Lyons to whom it may concern.. .....April 22, 1924
April 22, 1924—LOT 5 BLK 6, Dwight Way Terrace, Berkeley. Bryon Perkins to G W Owens..Apr. 5, 1924
April 22, 1924—NO. 1527 SEVENTY-eighth Ave, Oakland. Grace E Hickok to N Mattrobel.April 22, 1924
April 22, 1924—PTN LOT 12 Ardley Heights, Oakland. Wm Retzer to California Builders Co..Apr. 19, '24
April 22, 1924——PTN LOT 12, Ardley Heights, Oakland. Wm Retzer to California Bldrs Co....April 19, 1924
April 22, 1924—NO. 2723 STUART Berkeley. Mrs. Carrie D Donnelly to F W Thaxter .....April 15, 1924
April 22, 1924—SE DWIGHT WAY & Mathews, Berkeley. O F Lyon to whom it may concern...April 21, 1924
April 21, 1924—NO. 3139 CALIFORnia St., Oakland. H V Hughes to whom it may concern.April 21, 1924
April 21, 1924—NO. 2615 FIFTYfifth Ave., Oakland. Clarence A Shipman to whom it may concern .....April 21, 1924
April 21, 1924—SE 40 LOT 25 BLK E Piedmont Vista Tract, Piedmont. J S Cooper to Harry M Frostholm .....April 16, 1924
April 23, 1924—NE BAKER AND Sixty-third St., Oakland. Ferdinand J Duehall to whom it may concern.....April 21, 1924
April 23, 1924—NO. 4307 EVANS AV Oakland. John Lehman to whom it may concern.....April 20, 1924
April 23, 1924—NO. 4315 EVANS AV, Oakland. John Lehman to whom it may concern.....April 20, 1924
April 23, 1924—NO. 2454 REGAL Road, Berkeley. P E Waugh to whom it may concern..Apr. 4, 1924
April 23, 1924—LOT 29 BLK 22, Berkeley, Albany. Mary E Staples to J H Staples.April 22, '24
April 23, 1924—NO. 2200 GROVE ST., Berkeley. E H Pape to whom it concern.....April 22, 1924
April 23, 1924—SEVENTY-THIRD Ave. Crossing, Oakland. S P. Co. to Hutchinson Co.....April 15, 1924
April 23, 1924—LOTS 6 AND 7 and S 30 Lot 5 Blk 37, Map of the Pty of L M Beaudry and G Peladeau. Axel Johnson to whom it may concern.....April 19, 1924
April 23, 1924—LOTS 2 AND 3 BLK 17, Thousand Oaks Tract, Berkeley Grace L and A M Blackhall to J Harry Smith.....April 22, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

April 17, 1924—POR. LOT 3, BLK. 5, Corrected Map of Daley's Scenic Park, blks. 3, 4, and 5, Berkeley, Calif. Brick Co. vs. Ira L. Todd and W. M. Steffin $32.50
April 17, 1924—N 40 LOT 3, BLK. 5, Corrected Map of Daley's Scenic Park Tract, blks. 3, 4, and 5, Berkeley. Hunter Lumber Co. vs. I. L. Todd and Clara Van Ness Steffin $202.84
April 17, 1924—LOTS 5 AND 6, AND por. lots 4 and 7, blk. 592, W. L. F. L. Boardman's Map of the Galindo Tr., Oakland. W. H. Picard vs. J. Kann and Solomon Brown $1000.00
April 17, 1924—LOT 11 AND POR. lots 12 and 10, blk. G, Map of Sub. blks. E and F and G, Mary E. Mortimer's Add. to Niles, Niles. A. B. Hill vs. Chas. E. Peterson, owner and Martin Foss, contractor. $1734.50
April 18, 1924—LOT 4 BLK "T" Map of Bryant Tract, Berkeley. L A Gile vs C L Fefsenden.....$107.90
Apr 18, 1924—S E-THIRTY-EIGHTH 75 E Linwood Ave, Oakland. Frank D Moller vs Clarence K Nichols $137.25
April 18, 1924—NO. 2435 NINTH Ave., Oakland. Frank D Moller vs Clarence K Nichols.....$193.84
April 18, 1924—NO. 2441 NINTH AV Oakland. Frank D Moller vs Clarence K Nichols $199.93
April 18, 1924—NO. 2429 NINTH AVE Oakland. Frank D Moller vs Clarence K Nichols $197.32
April 18, 1924—2435 NINTH AVE., Oakland. Arthur D. Aston vs. Clarence K. Nichols $336.40
April 18, 1924—2429 NINTH AVE., Oakland. Arthur D. Aston vs. Clarence K. Nichols $268.35
April 18, 1924—S S OF E 38TH AVE. 75 feet east of Linwood Ave., Oakland. Arthur D. Aston vs. Clarence K. Nichols .....$250.
April 21, 1924—LOTS 59 AND 60 BLK 875, Galindo Tract, Oakland. J E Pennacy vs M W Gamble..$135.93
April 21, 1924—SW ENCINAL AND Grand, Alameda. Peder Sortland vs Ralph H Smith and W M Holton $47
April 21, 1924—PTN LOT 1 BLK "P" 4th Ave Terrace Oakland. Contractors & Builders Supply Co vs E K and Leo L Nichols.....$540.80
April 21, 1924—LOT 16 BLK "C" The Oaks, Oakland & Piedmont Piedmont. Edw North vs Mary A Preston and E J McCord.....$120
April 21, 1924—PTN LOTS 107 & 108 Fruitvale Addition Tract, Oakland Reliable Plumbing Co vs G Opitz $90
April 21, 1924—LOTS 2 AND 4 BLK "F" Amended Map of Salinger Tract, Alameda. A Tildsley vs E J McCord and J A Grubbs.....$345
April 19, 1924—LOTS 9 AND 10, BLK. 11, Kellersberger's Map of Oakland. Rhodes-Jamieson & Co. vs. V. Harper Carter and Hyman Davis $247.25
April 19, 1924—LOTS 5 AND 6 AND por. Lots 4 and 7, Blk. 592, W. L. E. L. Boardman's Map of Galindo Tr., Oakland. J. E. Lanches vs. Jos. Kann and Solomon Brown.$"29.
April 22, 1924—PTN BLK 12 Map of Plot No. 13, Kellersbergers Map of the Ranchos of V & D Peralta, ber Co vs Frank Alesandro, Joe Delsino Damonte and Marle Lanzo $124.95
April 22, 1924—LOT 11 and E 10 Lot 10 and ptn Lot 12 Blk G Map of Shdvn Blks E, S and G of Mary Mortimer addn to Niles. Hutchinson & Mills vs M S Foss and Chas E Peterson $125
April 23, 1924—NO. 5763 ADELINE, Oakland. T H Montgomery vs E L Thompson $32.25
April 23, 1924—LOTS 9 AND 10 BLK 41, Kellersberger's Map of Oakland. Standard Roofing Co vs V Harper Carter and Heyman Davis $190
April 23, 1924— LOTS 1 AND 2 Blk G Map of Sbdvn D of Blks E, F and G Mary E Mortimer Addn to Niles. Hutchinson & Mills vs Salvatore and Egezia De Gullio and M S Foss.....$350
April 23, 1924—LOT 21 BLK 6, Daley's Scenic Park, Berkeley.The Rigney Tile Co vs Ida and A Lo Prest $356.20
April 23, 1924—NO. 2315 NINTH AVE, Oakland. Uhl Bros vs H Carlson, John Doe Sandusky and Kate R Young $146.62

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Amount

April 18, 1924—2763 FRUITVALE Ave., Oakland. Fred Buzzell to E. Delmas ..... $409.
April 17, 1924—3752 LINWOOD AVE. Oakland. Smith Hardware Co., $4360; Arthur D. Aston, $250; Frank D. Moller, $120.32, to Clarence K. Nichols. .....
April 17, 1924—LOT 1, BLK. 7, 4TH Ave. Terrace, Oakland. Contractors & Builders Supply Co. to C. K. and Leo L. Nichols $544.10
April 17, 1924—N SIDE 36TH ST. bet. Market and San Pablo Ave., Oakland. W. M. Cunningham to W. A. Walker .....$305.
April 22, 1924—NE 28.34 LOT 16 and SW 66 Lot 17 Blk B, Sub-dvn Blks B and C, Champion Tract, Oakland. Cooley Hardwood Mfg Co to Mrs Annie E Edge.....$58.20
April 22, 1924—NE 24.34 LOT 17 and SW 12.66 Lot 18 Blk B, Sub-div Blks B and D, Champion Tract, Oakland. Cooley Hardwood Mfg Co to Mrs. Annie E Edge.....$58.20
April 22, 1924—LOTS 14 AND 15 BLK 11, Map of San Antonio, Oakland. Tilden Lumber Co to Joaquin Quintal and Manuel August..$735.05
April 23, 1924—NO. 2763 FRUITVALE Ave., Oakland. E L Blackman Co to The Oakland Bank and E Delmas $975
April 22, 1924—LOT 9 and W ½ Lot 8 Blk H, Ivey wood, Oakland. Harry Larsen, $130.70; Garret Mill & Lumber Co, $383.68 to E J McCord
April 22, 1924—LOTS 9, 10 AND 11 Re-sub Hillside Terrace, Oakland. Henry Cowell Lime & Cement Co to H H and Mary I Gastman..$333.25
April 22, 1924—NO. 2018 102ND AV., Oakland. Leo Brisacher to E J McCord.....$101
April 19, 1924 — LOT 18, MAP OF Fitchburg Add., Brooklyn Tp., Oakland. H. M. Wright vs. E. J. McCord ..... Not given

Notice of Non-Responsibility

ALAMEDA COUNTY

April 17, 1924—LOT 6 AS PER SURvey of Luis Castro, bet. Ranchos San Antonio and San Lorenzo, 240 acres, Oakland. Laura Horton, et al, as to improvements on property .....
April 22, 1924—LOT 5 Map of the Dowling Homestead Tract, Brooklyn Tp., Oakland. W J Harris as to improvements on property....
April 23, 1924—NE SIXTEENTH & San Pablo Ave., Oakland. Levy Estate Co as to improvements on property .....

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

BUILDING CONTRACTS

SANTA CLARA COUNTY

HOUSE
ON CAMPUS OF LELAND STANFORD Junior University, described as Lot 26, San Juan Subdivision No. 2, Palo Alto. All work for two-story and basement house and attached garage.
Owner—Board of Trustees of the Leland Stanford Jr. University.
Architect—John K. Branner, 251 Kearny St., San Francisco.
Contractor — The Minton Company, Palo Alto, Calif.
Filed Apr. 17, 1924. Dated Apr. 9, 1924.
When roof rafters are in and the rough framing complete..$3750
When plastered 3750
Completed and accepted 3750
Usua 35 days 3750
TOTAL COST, $15,000
Bond, one. Sureties, J. E. Carter and Wm. P. Wright. Forfeit, $7500. Limit, 120 days from April 9, 1924. Plans and Specifications filed.

GARAGE & STORE BLDG
A PLOT OF GROUND ON THE SOUTH side of Emerson St., bet. Forest and Hamilton Aves., Palo Alto. All work for a reinforced concrete garage and store building.
Owner—The Palo Alto Improvement Co., Palo Alto.
Architect — Birge M. Clark, 600 Embarcadero Rd., Palo Alto.
Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.
Filed Apr. 17, 1924. Dated Apr. 14, 1924.
As work proceeds 75%
Usual 35 days 25%
TOTAL COST, $25,179
Bond, none. Sureties, W. P. Gray and Z. F. Thorning. Forfeit, $12,600. Limit, 75 days from April 18, 1924. Plans and specifications filed.

RESIDENCE
LOTS 15, 16, 17, BLK. C, SPALDING Addition, Sunnyvale. All work for one-story frame residence.
Owner—Allan S. Vishoot.
Architect—None.
Contractor — H. A. Spreen, 407 Mathilda Ave., Sunnyvale.
Frame up $894
First coat plaster and roof on.. 894
Bldg. completed 894
Usual 35 days 894
TOTAL COST, $3576
Bond, one. Sureties, John Dufield and Joseph A. Jury. Forfeit, $1788. Limit, 60 days after April 14, 1924. Plans and specifications filed.

CONCRETE BIDG.
E LINE MONTEREY ST. 145-10 FT. N Old Gilroy St., N on Monterey 40 ft. right angle E 193 ft. to line of an alley, S on alley 40 ft. L W 193 ft. to Monterey St. and beginning, ptn. Lot 3, Block 1, S range 1 E, Gilroy. All work for one-story concrete building.
Owner—George A. Chappell, Gilroy.
Architect—None.
Contractor—William Radtke, Gilroy.
Filed Apr. 15, 1924. Dated Apr. 14, 1924
Foundations in % forms up..$1287.50
Rafters set on con. walls... 1287.50
Completed 1287.50
Usual 35 days 873.50
90 days after completion.. 500.00
TOTAL COST, $5150.00
Bond, Forfeit, Sureties, none. Limit, 60 days from April 14, 1924. Plans and specifications filed.

COTTAGE, 4-room, $3350; Eleventh St. near Julian St., San Jose; owner, L. Portilupi; contractor, L. C. Rossi, 423 Atlanta St., San Jose.
COTTAGE, 6-room, $7600; Fifth St. near Empire St., San Jose; owner, Rosa Aversente; architect, C. S. McKenzie, Bank of San Jose Bldg., San Jose; contractor, De Cola & Weldon, 7 Hull St., San Jose.
COTTAGE, 5-room, $3000; 4th St. near Julian, San Jose; owner, Aida M. Hewes; contractor, Giles Adrian;
DUPLEX residence, $6500; Hobson St. near San Pedro, San Jose; owner, Mrs. W. K. Bennett, 484 N-Second St., San Jose; architect, Ernest Flores; contractor, McCrary & Sharpe.
COTTAGE, 5-room, $2500; Twenty-sixth St., near San Fernando St., San Jose; owner, Viola D. Brown; contractor, Logan Kay.
RESIDENCE, 3-room, $1000; Twenty-sixth St. near Santa Clara St., San Jose; owner, T. A. Donaldson.

COMPLETION NOTICES

SANTA CLARA COUNTY

April 15, 1924—LOTS 6, 7, 8, 9, 10, Blk. 26, College Terrace, Mayfield. L. R. Brother to Frank B. Hand and Geo. V. Hand ....Mar. 15, 1924
April 15, 1924—LOT 9, BLK. 2, Barret & Mack Subdivision. William Scheler to whom it may concern ..... April 12, 1924
April 15, 1924—LOT 46, ADAMS & Keller Subdivision. Lorna Sutton Bull to whom it may concern ..... April 12, 1924
April 17, 1924—BEG. 80 FT. FROM intersection of S San Augustine St. and Ele. S. P. Railroad rfw. NE 60 ft. by 80 ft. Pacific Gas & Electric Co. to whom it may concern ..... April 10, 1924
April 17, 1924—LOT 10, ADAMS & Keller Subdivision. Fred Fisher to whom it may concern..Apr. 17, '24
April 17, 1924 — LOT 9. NOGALEE Park Addition. Katherine T. Tormey and Mary G. Tormey to whom it may concern .....April 10, 1924
April 17, 1924—LOT 20 AND N ½ of Lot 21, Blk. 3, Rose Lawn. Nancy Reimer to whom it may concern ..... April 17, 1924
April 17, 1924—LOT 3, BLOCK 4, Hester Park. J. O. Larson to whom it may concern..Apr. 15, 1924
April 17, 1924—LOT 38, HANCHETT Court. Joe J. Fereira to whom it may concern..... April 17, 1924
April 17, 1924—LOT 10, HANCHETT Court. Joe J. Fereira to whom it may concern ..... April 17, 1924
April 17, 1924 — LOT 45, SIERRA Park Tract. Leo A. Schutte to whom it may concern..Apr. 17, 1924
April 16, 1924 — KNOWN AS NO. 769 N 17th St., being a part of Lot 7, Blk. B, Florence Tract. Theodore Jess Leland to whom it may concern ..... April 16, 1924
April 18, 1924—NO. 235 AND NO. 55 N-Balbach St., San Jose. Jerome Garcia to whom it may concern.. .....April 18, 1924
April 18, 1924—LOT 8 BLK 6, Interurban Park Tract, San Jose. Olga C Briscoe to Chester J Briscoe... .....March 15, 1924
April 18, 1924—LOT 8 BLK 4, Alameda Park, San Jose. R H Menzel to whom it may concern..... .....April 18, 1924
April 19, 1924—LOT 2 BLK 2, Rose Lawn, San Jose. George W I and Elizabeth J Davis to whom it may concern.....April 18, 1924
April 19, 1924—S 8 FT LOT 8 and N 26 ft. Lot 9 Blk 2, East San Jose Homestead, San Jose. C W Whiteside to whom it may concern..... .....April 17, 1924
April 19, 1924—LOT 60, A. L. Hayck Sub., San Jose. Muncie Bondi and Gladyse Bondi to whom it may concern.....April 16, 1924
April 21, 1924—LOT OF LAND on E S-First St., San Jose, bded on N by land Gilett, on S by Mattenberger land. B C Ledyard and C E Hablutzel to Charles Thomas.. .....April 18, 1924

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE
SAN CARLOS. All work for residence and garage.
Owner—Mercantile Trust Co., 464 California St., San Francisco.
Architect—None.
Contractor—Russell & Duncan, Elm St., San Carlos, Redwood City.
Filed April 15, '24. Dated April 14, '24.
Frame up $1000.00
Brown coated 1000.00
Completed 1000.00
Usual 35 days..... 964.55
TOTAL COST. $3964.55
Bond, limit, forfeit, none. Plans and specifications filed.

RESIDENCE
CITY OF HILLSBOROUGH. All work for residence and garage.
Owner — George S. Johnston, 116 Elm St., San Mateo.
Architect—W. S. Leadley, 207 2nd St., San Mateo.
Contractor — Leadley & Wiseman, 207 2nd St., San Mateo.
Filed April 17 '24. Dated April 7, '24.
Frame up $4500
Brown coated 4500
Completed 4500
Usual 35 days..... 4500
TOTAL COST, $18,000
Bond, limit, forfeit, none. Plans and specifications filed.

RESIDENCE
LOT 9 BLK 6, Dingee Park, Redwood City. All work for residence.
Owner—Frank A. and Luella Smith.
Architect—None.
Contractor — Ben C. Zimmerman, 797 Arguello St., Redwood City.
Filed Apr. 16, '24. Dated Apr. 16, '24.
Frame up $1963.50
Plastered 1963.50
Completed 1963.50
Usual 35 days..... 1963.50
TOTAL COST, $7854.00
Bond limit, forfeit plans and specifications, none.

10th and Palm Ave.; owner, Albbie Wilkins, 10th and Palm Ave.; contractor, Geo. M. Bobst, 305 Bayswater, Burlingame.
ALTERATIONS to dwelling, $4000; 447 Highland Ave.; owner, Frank McMahan, 447 Highland Ave.; contractor, W. T. Cropp, Homestead, San Mateo.
START building, $16,000; Lot 4, Taylor Addition; owner, W. G. Maltraliati; contractor, L. Divogardi, Highland Ave.
RESIDENCE and garage, $11,000; Lot 258 San Mateo Park; owner, Sterling Investment Co., Hearst Bldg., San Francisco.
DWELLING, $3300; por. lot 1, blk. 10; owner, A. Mighall, 305 Ellsworth Ave.
DWELLING, $3000; job 35 ft. of 7 blk. 11, "F" St.; owner, C. W. Parsons, 220 2nd Ave.
ALTERATIONS to dwelling, $2000; 711 Edgewood Rd; ownrr, E. B. Folsom, 665 Edgewood; contractor, Thomas N. Gessu, 1201 Vancouver Ave., Burlingame.
DWELLING and garage $3500; por. lots 8 and 9, blk. 25, N "C" St.; owner, R. E. Gordan, 107 North "D" St.
DWELLING, $4000; lot 6, blk. 3, Engle Road; owner, Milton Finlof, 1520 Newlands Ave., Burlingame.
DWELLING and garage, $5600; lot 6, blk. 3, Prospect Rom.; owner, Geo. and Elizabeth Beveridge, 4308 Fulton St., San Francisco; contractor, Chrichtan & Warren, 630 Prospect Road.
BUNGALOW and garage, $4000; lot 23 blk. 4, Capuchino Ave., Burlingame; owner, Streve & Fitschman.
BUNGALOW and garage, $5000; Lot 4 and 5, Blk. 47, Cabrillo Ave., Burlingame; owner, H. C. Browne.
BUNGALOW and garage, $7500; Lot 19, Blk. 7, Park Road, Burlingame; owner, Miss Parr and Miss Olive; contractor, Hammer & Hulthbert.
BUNGALOW and garage, $3000; Lot 14, Blk. 4, Morell Ave., Burlingame; owner, D. P. Harkins.
BUNGALOW and garage, $4000; Lot 9, Blk. 44, Bernald Ave., Burlingame; owner, Charlotte Cayle, 23 2nd Ave., San Mateo; contractor, A. E. Oland.
BUNGALOW and garage, $4000; Lot 20, Blk. 17, Capuchino Ave., Burlingame; owner M. McElder.
BUNGALOW and garage, $2250; Lot 19, Blk. 26, Murell Ave., Burlingame; owner, R. Ast.
RESIDENCE and garage, $6500; ½ of Lot 13, Blk. 8, Almer Road, Burlingame; owner, Wm. Eldred, 906 Burlingame Ave., Burlingame.
BUNGALOW and garage, $4000; Lot F, Blk. 5, Burlingame Land Co.; owner, W. E. Johnson; contractor, E. A. Shaver, 765 Farrington Rd., Burlingame.
TWO-STORY frame apartments, $22,000; Lot 3, Blk. 7, Middlefield Rd., Burlingame; owner, Caudaes M. M. Burt.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
April 10, 1924—LOT 15 BLK 2, Easton Addition, Burlingame. E J Hargrave to whom it may concern... .....April 10, 1924
April 14, 1924—N ½ LOT 269, San Mateo Park, San Mateo. J H Halin to whom it may concern..Apr. 14, 1924
April 14, 1924—N ½ LOT 9 BLK 1, Burlingame Park, Burlingame. Albert Veyhle to whom it may concern.....April 9, 1924
April 18, 1924—LOT 28 BLK 34, Easton Addition No. 2, Burlingame. Gordon C and Mary C Hess to whom it may concern..April 17, 1924
April 18, 1924—LOT 1 BLK 23, Easton Addition No. 2, Burlingame Gordon C and Mary C Hess to W O Nicolaides.....April 17, 1924
April 18, 1924—LOT "R" BLK 5, Burlinga me Terrace, Burlingame. Bynie & Chesney to whom it may concern.....April 16, 1924
April 19, 1924—LOT 1 BLK 9, Burlingame Land Co., Burlingame. A L Offield to J C Hanlam.April 12, '24
April 19, 1924—LOT 1 BLK 9, Burlingame Land Co., Burlingame. A L Offield to J C Palamauntain... .....March 30, 1921
April 19, 1924—LOT 1 BLK 9, Burlingame Land Co. Burlingame. A L Offield to H I Lander..April 17, '24
April 19, 1924—LOT 1 BLK 9, Burlingame Land Co., Burlingame. A L Offield to C E Fowler..... .....April 17, 1924
Grove Ave., Burlingame. Burlingame Grammar School District to R C Stickle.....April 17, 1924
April 21, 1924—PTN LOTS 1 AND 2 Blk "E" Pariso Park, San Mateo. R F Nielsen to whom it may concern.....April 19, 1924
Apr 22, 1924—LOT 3 BLK 34, Easton No. 2, Burlingame. Carl A Torello to Thomas ..Cesso...April 18, 1924
April 22, 1924—LOT 18 Burlingame Heights, Burlingame. Ervine O & Erma H Reichardt to Charles Pederson .....April 14, 1924
April 22, 1924—PTN LOT 67 San Mateo Park, San Mateo. Mrs. S A Hansen to S A Wisnom.April 19, '24
April 22, 1924—LOT "E" BLK 4, Burlingame Terrace, Burlingame. G W Nichalson to M C Rench..... .....April 19, 1924
pAril 22 1924—LOT 3 BLK 3, Glenwood Park, Burlingame. H G Pausmann to M C Rench.April 18, '24
April 23, 1924—PTN LOTS 13 AND 14 Blk 10, Oak Knowl Mau., Redwood. O H and Maria Matthews to F A Fagalde .....April 19, 1924

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
April 17, 1924—LOT 2 BLK 3, Burlingame Park No. 4, Burlingame. San Mateo Planing Mill Co vs Robert C Leonard.....$1329.21
April 19, 1924—LOT 1 BLK 3, Burlingame Park No. 4, Burlingame. Ginsburg Tile Co vs R C Leonard $390.58

LIENS FILED

FRESNO COUNTY

Recorded Amount
April 18, 1924—RAILROAD AVE in Calwa School District. Routt Lumber Co vs Shepard Packing Co $52
April 18, 1924—LOT 51 Terrin Col. No. 2, Fresno. Sunset Lumber Co vs Antone D Benedetto.....$54
April 18, 1924—LOTS 17 AND 18 BLK [illegible] Tract, Fresno. Smith Hardware Co, $59; California Pottery Co, $125 vs Edw L Kellas
April 18, 1924—LOTS 1 AND 2 BLK 1, Allen & Binford Tract, Fresno. Master Bros vs E L Kellas, Walter [illegible] Hts. $261
April 16, 1924—LOTS 5 AND 6 BLK 6, Roeding Hts, Fresno. Walter H Johnson vs Alvin W Jackson.$215
April 22, 1924—LOTS 19 AND 20 Blk 1, Echo Tract, Fresno. L T Laux vs Frank Waterman.....$3041

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
April 21, 1924—BET. FELLOWS AND Coalinga. Associated Pipe Line Co to Mike Lang & Son...April 12, 1921
April 21, 1924—LOTS 14, 15 AND 16 Blk 18, Fresno. Armen M and Arsen M Donabedian to Aram Mosessian.....April 17, 1924
April 15, 1924—LOT 2 BLK 33, Hazelwood. Henry Pretzer to whom it may concern.....April 4, 1924
April 15, 1924—LOTS 13 AND 14 Sohm 2nd Addn, Fresno. A Oakley to whom it may concern..April 5, 1924
April 15, 1924—S 15 FT. LOT 3, all Lot 4, except W 35 ft. Blk 3, Belmont Heights, Fresno. Hope Porter to whom it may concern..Apr. 7, 1924
April 15, 1924—LOT 14 S 21 ft. Lot 13, Prichard Place, Fresno. W H Esworthy.....April 14, 1924
April 22, 1924—LOTS 19 AND 20, Whitehouse Tract, Fresno. Chas E Chess to whom it may concern .....April 21, 1924
April 22, 1924—LOTS 19 AND 20 BLK 1, St. Francis Wood Tract, Fresno. Winnie and C J Ryland to Shorb & Neads.....April 21, 1924

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

RESIDENCE and garage, $10,000; No. 730 W-Rose St., Stockton; owner, J. C. Harrison, Sutter and Miner Sts., Stockton.
HOTEL, $56,000; No. 8 E-Lafayette St., Stockton; owner, E. Tavella ond G. Faviglio.
RESIDENCES and garages (2) $3250 and $500 respectively; No. 328 E-Blaine Ave. and 2625 N-Center St., Stockton; owner, A. V. Faight, 603 W-Acacia St., Stockton.
RESIDENCE and garage, $3500; No. 1720 W-Poplar St., Stockton; owner, J. L. Simmons, 628 N-Aurora St., Stockton.
DWELLING, one-story frame, $3500; E Key St., bet. Nevin and Barrett St., Richmond; owner, Paul Dietrich, 5115 Nevin Ave., Richmond; contractor, H. J. Henning, Cor. Key and Barrett Sts., Richmond.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
April 16, 1924—LOT 19 BLK 25, Saerchlight Addition, Stockton. Matilda Dortheo Ortiz to Harry Hansen .....April 15, 1924
April 18, 1924—LOTS 10 & 12 BLOCK 114 S of Mormon Channel. O. A. Christopherson to Chas. Garfield.. .....April 17, 1924
Apr.l 18, 1924—LOT 18 IN BLOCK 13 Lake Park. Clarence C. Anderson to whom it may concern..... .....April 16, 1924
April 18, 1924—LOT 15 BLOCK 5 Lomita Park. John Ramsey to Ed. French .....April 16, 1924
April 10, 1924—STOCKTON. High School Auditorium. High School Board of Stockton High School District to Edward L Gnekow... .....April 7, 1924
April 19, 1924—LOT 17 BLK 7, City [illegible] Stockton. Florence French (wife Ernest L French) to [illegible] it may concern.April 11, 1924

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
April 18, 1924—LOTS 39 & 40 BLOCK 4 Searchlight Addn. F. F. Fisher and A. H. Fisher vs R. V. Morgan and R. M. Morgan.....$137.42
April 18, 1924—LOTS 39 & 40 BLOCK 4 Searchlight Addn. Sunset Lumber Co vs R. M. Morgan $481.70
April 19, 1924—PTN W ½ of SEC 4, T 2 S, R 7 E, Cont. 4 Acres, Stockton. Austin Bros vs United Bank & Trust Co. of Calif. and Sun Valley Packing Cptn $424.73
April 21, 1924—LOT 5 BLK 2, El Ricado Terrace, Stockton. Central Lumber Co. of Stockton vs Sydney E Francies & Golden Gate Realty Co $571.33

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame, $4800; E 11th St., bet. Barrett and Roosevelt Sts., Richmond; owner, C. E. Cummings, Cor. 7th and Nevin Sts., Richmond; contractor, S. B. Roberson, 338 20th St., Richmond.
PRINT shop, two-story brick, $8500; NE Cor. Macdonald and 22nd Sts., Richmond; owner, F. A. Muller, Syndicate Bldg., Oakland; contractor, C. Overaa, 2105 Roosevelt Ave., Richmond.

BUILDING CONTRACTS

SACRAMENTO COUNTY

DWELLING, one-story 5-room and garage, $2800; No. 1404 U St., Sacramento; owner, F. L. Terra , 1712 W St., Sacramento.
DWELLING, one-story 5-room and garage, $3500; No. 5017 M St., Sacramento; owner, F. E. Dolan, 5014 M St., Sacramento.
DWELLING, one-story 5-room and garage, $2900; No. 1318 25th St., Sacramento; owner, J. C. Carly Co., 823 J St., Sacramento; contractor, C. J. Hopkinson, 1318 25th St., Sacto.
DWELLINGS (2) one-story 5-room & garages, $4000 each; No. 2509 and 2541 Curtis Oaks, Sacramento; owner, L. J. Miller, 1018 Santa Ynez Way, Sacramento.
DWELLING, 5-room, $2475; No. 2117 9th St., Sacramento; owner, A. R. Gallaway; contractor, B. H. Bill, 3252 Marshal Way, Sacramento.
RESIDENCE, 3-story and basement, $36,972.50; No. 1017 11th St., Sacramento; owner, Bishop of R. C. Church; contractor, J. T. Gromley.
ADD one-half-story to rear of building, $3700; No. 923 K St., Sacramento; owner, Cronan Est., S. F.; contractor, Frank Anderson.
DWELLING, 6-room and garage, $4000; No. 3648 Downey Way, Sacramento owner, J. J. Mase, 1622 18th St., Sacramento.
DWELLING, 4-room, $2500; No. 2032 Gerber Ave., Sacramento; owner, L. Millspaugh, 3770 5th Ave., Sacto.
DWELLING, 5-room and garage, $2500; No. 1705 W St., Sacramento; owner, Minnie B. Soto, 2304½ 6th St., Sacramento; contractor, F. Lopez, 1825 3rd Ave., Sacramento.
DWELLING, 5-room and garage, $4500; No. 1441 51st St., Sacramento; owner, Chas. Brier, 1720 L St., Sacramento; contractor, Ed. Brier, 2809 J St., Sacramento.
DWELLING 5-room and garage, $4000; No. 1425 51st St., Sacramento; owner, Chas. Brier; contractor, Ed. Brier.
OFFICES (15) (4) stores, two-story, $16,500; No. 1401-3-5-7 28th St., Sacramento; owner, S. T. Bovyer Est., 1209 K St., Sacramento; contractor, G. E. Harvie, 2212 T St., Sacramento.
DWELLING, 5-room and garage, $2500 No. 4609 13th Ave. Sacramento; owner, F. W. Goff, San Andreas; contractor, E. R. Beebe, 916 38th St., Sacramento.
DWELLING, 5-room, sleeping porch and garage, $4250; No. 3517 Folsom Rd. Sacramento; owner, J. Langnhahn, 1400 2nd St., Sacramento; contractor, G. F. Wright.
DWELLING, 2-story 9-room and garage, $10,500; No. 1014 43rd St., Sacramento; owner, Mrs. Carl Saeman, 917 28th St., Sacramento; contractor, E. W. Book, 3912 G St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
April 14, 1924—E ½ LOT 2 W, X, 24th and 25th Sts., Sacramento. Dorothea Danielson to whom it may concern .....April 10, 1924
April 15, 1924—E ½ LOT 2, T, U, 27th and 28th Sts., Sacramento. Joseph Edenhofer to whom it may concern .....Jan. 1, 1924
April 17, 1924—LOT 103 Casa Loma Terrace, Sacramento. John C Vaughn to whom it may concern .....April 16, 1924

GLASS

Plate Glass

Window Glass

Ornamental Glass

Mirrors

Beveling

Polishing

Silvering

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
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Factory White Enamel
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15 For Floors Varnish
40 For Finishing Varnish
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Pioneer White Lead

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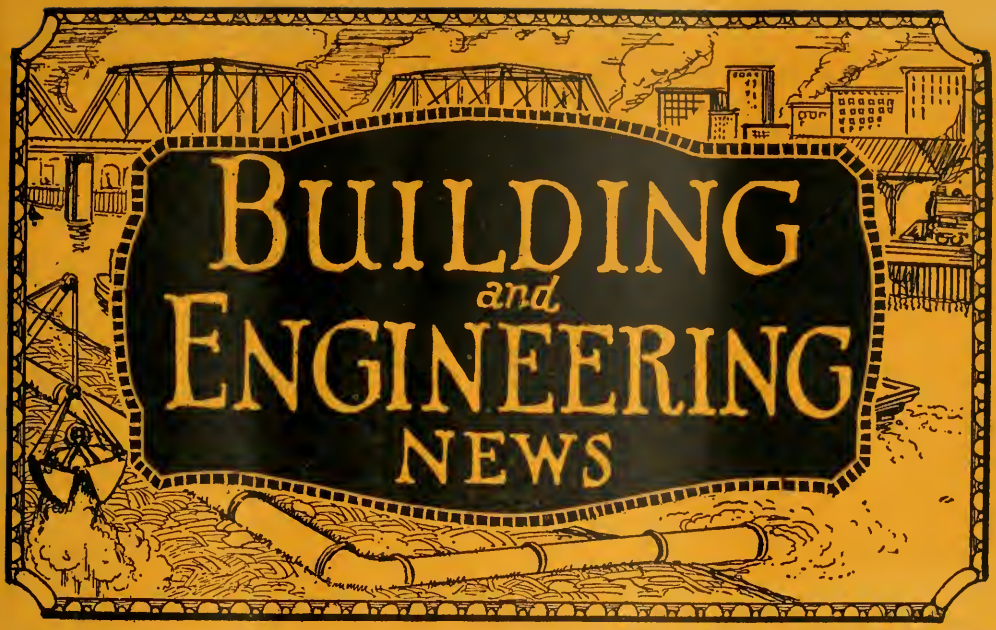
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA



Publication Office
818 Mission Street

SAN FRANCISCO, CALIF., MAY 3, 1924

Published Every Saturday
Twenty-fourth Year No. 18

Schumacher
Office
210 American Bank Building

Permanence
Economy

Wall
Warehouses
San Francisco Oakland
San Rafael

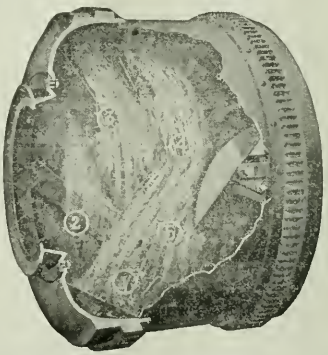
Appearance
Comfort

Board

For Sale by All Lumber and Building Material Dealers

Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON, RICKARD & McCONE CO.

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., MAY 3, 1924 — Twenty-fourth Year No. 18

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Richmond Builders' Exchange
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Fresno Builders' Exchange
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WAR CONSTRUCTION SUIT IS THROWN OUT OF COURT

Another of the government's suits growing out of war construction contracts has been thrown out of court. Judge Du Val West of the U. S. court at San Antonio, Tex., in dismissing the suit against Stone & Webster, who built Camp Travis, stated that no facts had been presented upon which the court could form an opinion. The court said. "Plaintiff seeks to recover damages occasioned by the alleged fraud and deceit of the defendants; the damages sought is the difference between the moneys paid defendants, ten million dollars, and the fair and reasonable value of the cantonment constructed. Such difference, or excess, is alleged to be three million dollars. This rule for measuring damages, even if a correct one, cannot be given practical application in this case. To do so would require a disregard of elementary principles of pleading as to definiteness and certainty; what evidence should be admitted under the pleading would be equally uncertain. Since it appears impossible for plaintiff to itemize or further particularize as to facts, plaintiff's amended petition is hereby dismissed."

TUNNEL PROJECT AWARDED

Twohy Bros. Company of San Francisco and Portland have been awarded a contract by the Pacific Electric Railway Company of Los Angeles to construct the mile-long Hollywood-Glendale-San Fernando tunnel. The new bore, which will cut seven minutes from the running time between Los Angeles and Hollywood, is to be completed in eighteen months, at an approximate cost of $3,500,000.

Six Billion Dollars Looms As 1924 Building Expenditure

While the nation's building program is now progressing at a rate that, if steadily maintained will approximate $6,000,000,000 for the year, a conservative attitude should be taken with regard to the immediate future both in the building industry and in all other lines of business, according to a statement made by S. W. Straus, president of S. W. Straus & Co., who recently completed an extensive Western trip.

While general conditions in the building industry are well stabilized and the prospects are favorable for an active summer, I believe now is the time when all prospective building projects should be most carefully scrutinized, said Mr. Straus. While the amount of pending construction in this country is very large, judging from the volume of building plans that have been filed since the first of the year, and indicate that current activities are at the rate of $6,000,000,000 for the year, it should be borne in mind that we have had an uninterrupted period of unusual activity in the industry for more than two years, and therefore a cautious and conservative attitude at this time is within the bounds of good business judgment.

The helpful effect of present building activities on general business at this time cannot be over estimated. It means not only employment for millions of men and profitable activities in scores of trades and industries, but it means also the creation of new wealth for the country and the widespread enhancement of property values through improvement. In brief, it means real American progress.

In view of these beneficial effects on the national business machine, it radical slowing up in construction activities were to ensue this summer.

It is significant that the activities now going on so extensively are thoroughly national inscope. During a recent Western trip in which I spent some time on the Pacific Coast, I noticed everywhere the same evidences of progress.

"There is still some talk that building costs are too high and that these costs must soon come down. While there will always be fluctuations or times when, due to temporary or local conditions, building costs ease up somewhat, it is to be borne in mind that present price levels are directly affected by such economic factors as labor, taxation, transportation and other important items on which any immediate marked reductions are improbable.

"Also our constantly advancing standards of living constitute an influence equally as powerful as any purely economic factor. It is a fact, as we all know, that the average prosperous family would not be willing to live today as they lived a few years ago, although at that time they may have felt satisfied with their surroundings.

"We cannot judge probable conditions of tomorrow merely from the standpoint of the past, because building is always done for the future, never for the past. The buildings now being erected must be made to suit the advancing tendencies of the times. If not, they soon must become obsolete and of a corresponding depreciated value.

"The building industry is perhaps the nation's most accurate index of improved standards of living by the people. It is in the home that one finds expession given to the universal desire of all persons to live more conveniently, comfortable and efficiently.

"One of the outstanding characteristics of Americans is our spirit of progress. As succeeding generations become better educated and more prosperous there is fostered a corresponding desire to live in more agreeable and comfortable surroundings. Instantly being introduced which raise the standards of convenience and efficiency in the average American home.

"These conditions, which have a most pronounced effect both on building costs and activities, were never more apparent than today. To my mind this is a factor that will continue to influence building tendencies, because it is a fundamental of human nature."

HIGHWAY BILL INDORSED

On recommendation of the Highway Committee, Directors of the San Francisco Chamber of Commerce are on record with an endorsement of House Bill 4971 which provides for a federal appropriation of $10,000,000 a year for 1926-1927-1928 for highways in national forests that may be undertaken during that period.

Members of the California delegation in Congress recently were advised of the support voted the construction program, the measure contemplating new roads through national forests to link up with highways in adjacent national parks or with other roads providing greater facilities for motorists. Announcement is also made that the measure has the approval of the California Highway Commissions.

WATER POWER CANNOT DISPLACE STEAM PLANT

While the total output of electrical energy by the public utility power plants of the United States in 1923 increased 17 per cent over the 1922 figures—a high record of nearly 56,000,000,000 kilowatt-hours—the proportion of this enormous flow of power produced by the hydroelectric stations continued a decrease that has appeared for each of the last five years, according to figures made public by the United States Geological Survey.

The more rapid increase in the production of power by steam plants as compared to hydroelectric central stations is due to the greater ease in locating a steam plant, whereas a hydroelectric power site is often a long distance away from its market for power.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Nevada State Highway Department, as an experiment, is placing 11,000 lineal feet of the Page Hi-Way guard fence on portions of the state road system. The fence will replace portions of the standard wooden guard rail. The Page Hi-Way fence, the department reports, embodies the principle of the standard woven wire fence and is said to be much more satisfactory than either the wooden guard rail type or the wire cable type installed in certain states.

On April 7 about 5000 ex-soldiers completed their industrial training under the direction of the United States Veterans' Bureau and immediately became available for employment in industry. By this fact the construction industry gained a small accretion to the number of building craftsmen available; for among the graduates were 105 carpenters, 460 electricians, 129 plumbers, and 49 sheet metal workers.

Bids will be considered by the California State Highway Commission on May 26 to construct a bridge over the Klamath River near Requa, Del Norte County. The structure will consist of five 210 feet reinforced concrete arch spans and two 50 ft. reinforced concrete approach spans. The cost will run in the neighborhood of $500,000.

Chalk up 100 per cent for Boyd Moore, editor of the 1924 edition of the Nevada State Newsletter. The edition contains one hundred pages, brim full of information and photographs regarding the past developments and the future possibilities of Nevada State.

Convicts working on California state highways made net earnings of $5,500 during the month of February under the new pay law passed by the last legislature. Convicts in the Bridgeburg camp made allotments to dependents to a total of $1,440 for the period ending March 15th.

An expenditure of $5,500,000 has been approved by the House Indian Committee, according to word from Washington, the funds to finance construction of a dam across the Gila river near San Carlos, Arizona. The measure has been passed by the Senate.

Regular meeting of the stockholders of the Weed Lumber Company will be held May 6 at Room 801 First National Bank Bldg., San Francisco to elect a board of directors to serve for the ensuing year and for the consideration of other business.

Chas. F. Stewart and Mrs. S. J. Chase, children of the late J. H. Stewart, have disposed of their timber holdings in Modoc county to the Weyerhauser Realty Company. The lands comprise 3320 acres west of Goose Lake.

J. H. Baxter & Co., heavy steamship and lumber operators, are seeking a site on the Los Angeles harbor front for their pole creosoting plant which is now located inland at Thenard. A more economical operation is desired.

Senator Shortridge of California has secured Senate adoption of bill appropriating $500,000 to finance erection of Marine Corps Building in San Francisco.

There were 108 electric light and power companies in the United States and Canada, each having an output of more than one hundred million kilowatt hours during 1923. This compares with ninety-four in 1922, an increase of fourteen companies, or 15 per cent, according to figures published by the Electrical World, and compares very favorably with six new companies during 1922, five during 1921, nine during 1920 and six in 1919.

Plumbers at Marysville and Yuba City are on strike, leaving the job in protest against the discharge of one of their number. C. B. Walkup, business agent for the Building Trades Council, declares the men automatically unseated themselves in the union, having walked out without permission of the trades council. Upon their refusal to return to the jobs, the council will replace them with new men.

New Metal Products Company is erecting a plant at 59th and Doyle streets, Oakland, and will manufacture range boilers, water heaters, shells for automatic heaters, well casing, irrigation pipe and compressed air tanks. It will be the only plant of its kind on the coast. Its marketing territory will be the eleven western states, also British Columbia, Hawaiian Islands and the Orient.

W. H. Brophy, secretary of the San Joaquin County Building Trade Council, announces that resolutions relating to increasing the wages of common labor employed by the City of Stockton from $4 to $5 a day has been passed by the council. Copies of the resolution have been forwarded to the city officials and all affiliated unions of the Building Trades Council.

The Miller Box & Lumber Co. has made application to the Los Angeles harbor commission for a 30-year lease on a 20-acre site for storage and milling purposes, also dry kilns. The company proposes to do custom milling, etc., for wholesalers not having those facilities.

Oakland city council plans to provide $520,000 in the 1924-25 budget for street and sewer improvements, which will include $150,000 to widen Twentieth street and $150,000 for sewer construction in West Oakland.

W. E. Field, tile contractor, formerly operating in Portland, Ore., but more recently in Southern California, has re-opened quarters in the Worcester Building, Portland, and will operate exclusively in that territory.

Stockton is making rapid strides in meeting the demand for new homes. During the month of January, this year, 29 homes were erected; in February 49 and in March 38.

Napa Lumber Company of Napa has purchased the Calistoga Lumber Company. The change is effective May 1. James E. Clark of the Napa company will assume management of the Calistoga plant.

National Radio and Electrical Exposition will be held in San Francisco, August 16-21.

Annual convention of the Pacific Coast Electrical Association will be held in Coronado, Calif., June 16-20.

ALONG THE LINE

George G. Radcliff, chairman of the state board of control, announces that the committee, authorized at the last session of the legislature to make a survey of the highway system of California, of which he is a member, has practically completed its investigations in the southern part of the state and will confine its immediate efforts to roads north of Tehachapi.

Plant of the Union Construction Co. on Oakland waterfront suffers $1,000,000 fire loss on April 24. The plant was one of the biggest ship construction yards in the United States during the World War. The loss, W. W. Johnson, president of the company, reports is partially covered by insurance.

The Nevada State Highway Department will be represented at the U. S. Good Roads Show to be held in Albuquerque, New Mexico, May 26-31. The department will feature a series of pictures illustrating Nevada state highway construction.

Wm. A. Jarvis, formerly representing the Old Mission Portland Cement Company in Oakland and San Jose, will cover the sales district for the same concern in San Francisco and the Peninsula. Mr. Jarvis has been with the Old Mission Cement Company for the past four years.

Humboldt County engineers formed the Eureka Chapter, American Association of Engineers at a recent meeting of the Engineers' Club at Eureka. The Eureka body, which includes Humboldt, Mendocino and Del Norte counties, has heretofore been a part of the San Francisco Chapter.

Albert E. Carter, Oakland harbor Commissioner, has prepared preliminary data for the development of Oakland's harbor facilities. He proposes the construction of a series of filled piers, the dredging of a new channel in the outer harbor and the complete removal of Government Island.

C. C. Kennedy, San Francisco engineer, has been employed by the city council of Eureka to act as consulting engineer and assist in the preparation of data necessary to obtain a greater water supply for that city.

Fred C. Hamilton, for a long time sales manager of the Benson Lumber Company, at San Diego, has been made general manager of that concern, succeeding F. M. White, who retires to attend to his other business interests.

W. J. Andrews, formerly with the city department of public works at Oakland, has been named city manager of Tulare, succeeding Geo. Lewis, resigned.

W. C. Sturdevant has been appointed city engineer and superintendent of the municipal water department at Chehalis, Wash.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

OPEN SHOP CONFERENCE AT PORTLAND A SUCCESS

E. W. Shaw, secretary of the Builders' Exchange of Alameda County, accompanied by E. W. Olin, secretary of the East Bay Industrial Association, attended the American Plan Open Shop Conference held in the Multnomah Hotel, Portland, Oregon, on April 21 and 22. They report a splendid conference, in fact the best that was ever held as the movement is rapidly expanding and now covers some 25 states, most of which are those west of the Mississippi River.

The conference discussed the present industrial conditions and resulted in a clearer outlining of the intrinsically American Principles for which they stand and a further understanding toward the betterment of conditions throughout the building trades from the standpoint of the employer, employee and the public.

The main purposes of the conference was to develop those principles which make for sound industrial relations. The whole thought was for a more comprehensive educational program as to the salient principles involved in the open shop question which it sponsers.

Mr. A. C. Ross, manager of the Utah Associated Industries was re-elected chairman for the ensuing year. The next conference will be held in Oklahoma City, Oklahoma.

ENGINEERS NAME OFFICERS

E. K. Barnum, president of the Fresno Chapter, American Association of Engineers, has appointed the following committee, chairman and special officers to serve for the ensuing year:

Executive committee, E. K. Barnum, Max Enderlein, Shirley Corpfield and T. M. Buswell, secretary-treasurer, advisory committee, all committee chairmen; civic, Dr. Frederick Twining; legislative, G. L. Swendsen; fellowship, T. L. Kaupke; service, Frank Rantsma; program, C. W. Maniel; publicity, Sam Laberty; publication, Allan Hall; advertising, J. A. Ross; membership, S. A. Chapman; local public information, T. W. O'Melveny; city improvement, Enderlein and Kaupke; city charter committee, L. J. Moore, Perry Brown, Andrew Jensen; L. E. Woodsend and John Bates, Sieria playgrounds, Edgar Smith; mountain roads, Edgar Smith; delegate to the 1924 convention, Chapman; local entertainment committee, Jene nittee, Chris Jensen and San Francisco entertainment committee, Vincenz.

BANQUET RESERVATIONS

A record breaking attendance is expected at the annual banquet of the San Francisco Builders' Exchange to be held Saturday evening, May 10, in the Fairmont Hotel, according to S. A. D. Schenck, secretary of the exchange.

In addition to a 100% membership attendance it is expected that every exchange in Northern and Central California will have representatives at the affair.

Committees in charge of the entertainment program report progress and assure the builders of a well spent evening.

Secretary Schenck desires that every member make reservations for seatings at once which will permit the committee to carry out perfectly laid plans and avoid last minute confusion.

S. F. SHEET METAL CONTRACTORS HOLD BANQUET

(Contributed)

Thirty members of the San Francisco Sheet Metal Contractors' Association attended the association banquet held at Campi Doglio, Saturday evening, April 28.

The committee on arrangements of which Mr. McCaron was chairman, provided a table fit for a king, from the salad to the small black cut with zinc, and the pipe and pipeless furnaces.

Each course was interposed with music and speeches under the able guidance of Mr. Korell as Toastmaster.

Aside from the many humorous speeches, and the vocal solo by Charley Amsler, special mention should be given Mr. Neilan who very ably dwelt on the need of advertising the sheet metal industry, and educating the public, particularly those interested in building, on the accomplishments made in metal products.

Mr. Moore spoke on the merits of a permanent exhibit and a display of properly constructed and properly erected products, for the benefit of architects and owners.

Mr. Delucchi dwelt on the use of sheet metal as a fire protection product, and particularly dwelt on the economic value of a rigid enforcement of all building ordinances, relating to fire risks.

Mr. Gulifoy gave an interesting talk on the merits and longevity of zinc and copper roofs.

Mr. Heidt, one of the old guard, spoke on the evolution of the sheet metal contractor, from the time of the tinker, and the specialist on tin roofs, to the present time of diversified products manufactured by members of today, his remarks being both entertaining and educational.

With a full measure of entertainment and educational features, the banquet was voted a great success.

An impromtu collection for the poor children of Europe, resulted in a subscription of $18 from those present, and the secretary instructed to forward same through proper channels.

BUILDERS' EXCHANGE PROPOSED AT SEATTLE

Efforts are being made to organize a Builders' Exchange in Seattle. An editorial in Pacific Builder and Engineer, a Seattle construction journal, urges that the building fraternity get together and perfect a permanent organization. The publication declares "it is a well known fact that among those interested the Pacific Northwest is a dumping ground for a great deal of surplus material from the East and Europe. At present Norwegian and Belgian cement is being dumped on the Northwest market at a lower figure than it sells for in its home country. Material men are carrying on a game well known in the building industry called 'throat cutting' and sub-contractors are not far behind. It is a fundamental law of economics that there must be some profit or a business will not continue. That profit must not be too excessive or it will injure the industry in the long run. Why not then let the contractors, sub-contractor, material men and all other parties organize in Seattle a Builders' Exchange? This will give the interested parties a chance to meet on a common ground and have a definite understanding."

STOCKTON BUILDERS' EXCHANGE HOLDS DINNER MEETING

The regular monthly dinner meeting of the Stockton Builders' Exchange was held Thursday evening, April 25. In addition to some interesting talks a program of entertainment was provided.

Judge W. H. Atherton, J. W. Pearce were the principal speakers. O. H. Chain, president of the exchange, spoke on the accomplishments of the American Plan conference recently held in Portland, Ore.

Attorney Rutherford urged the incorporation of the Stockton Builders Exchange, pointing out that under the existing organization no business could be handled without expensive and tedious legal precedure, and declaring that the situation had its element of danger in that at present, each member can be made responsible in case of a suit against the exchange.

J. W. Pearce requested the assistance of the exchange in the better homes movement now under way in every section of the United States.

Judge Atherton talked on co-operation and organization and pointed out that the Builders' Exchange, like any other organization, can only succeed of the individual members co-operate for the good of all.

Special music was rendered by Mrs. Liscom wife of Frank Liscom, a member of the exchange and Miss Helen Ridenour, accompanied by Miss Jordan.

Credit for the success of the affair is due to Wm. O'Keefe, chairman of the Committee of Arrangements, assisted by Frank Liscom and W. A. Murphy.

ENGINEERS' BANQUET

The eighth annual banquet of the Engineer Society of the University of Santa Clara was held Saturday evening, April 26, in the Gray Room of the Hotel Vendome, San Jose. Dr. G. L. Sullivan spoke on the dignity of the engineering profession and urged all members of the society to so live to be an honor to it. The Rev. Father Maher, S. J., in a stirring address urged each member to bring another engineer back with him next semester. Mr. J. B. Leonard gave the members of the society an idea of some of the troubles and pleasures that they would encounter when they left school and first took their place in the engineering world. Mr. J. E. Becker, president of the society, as toastmaster conducted the festivities in an able manner. Among those present were the Rev. Maher S. J., president of the University; Mr. J. B. Leonard consulting structural engineer of San Francisco; Dr. George J. Sullivan, dean of the College of Engineering; Fr. G. G. Fox S. J., Prof. W. D. Lotz and Prof. D. W. Griswold.

MATERIAL DEALERS ORGANIZE

Material dealers of Stockton have organized a permanent association and established a credit bureau. Frank B. Biebrock is president of the new organization and Chas. Bierd, vice-president. Karl Perkins, secretary of the Stockton Builders' Exchange, is secretary-treasurer. Headquarters will be maintained at 110 North Hunter street, Stockton.

Additional Lumber Standards Adopted–Coast Men Attend Meet

Additional American Lumber Standards, as reported to Secretary of Commerce Hoover by the Central Committee on Lumber Standards after four months of intensive work, were adopted at a meeting held in Washington, D. C., April 22, with representatives of all branches of the lumber industry in the department of Commerce under the auspices of the Division of Simplified Practice. The recommendations covered the subjects of basic grades for yard lumber, odd and short lengths lumber, bundling, grade marking, rough dry yard lumber sizes, mouldings, simplifcation of workings, tally cards to accompany shipments, shipping provisions, shingles and inspection service.

The Pacific Coast interests represented at the meeting included: R. D. Baker of the California White and Sugar Pine Manufacturers Assn; Robert B. Allen, of the West Coast Lumbermen's Assn., Seattle, Wash.; A. W. Cooper, of the Western Pine Manufacturers Assn, Portland, Ore.; A. C. Dixon West Coast Lumber Manufacturers, Eugene, Ore.; Ernest Dolge, West Coast Lumbermen's Assn., Tacoma, Wash.; and R. S. Whiting, Red Cedar Shingle Assn., Seattle, Wash.

At the meeting, Secretary Hoover, who had presided, told the delegates: "The only way that fair dealing to the public and fair dealing in the industry will ever be established is by the erection of standards upon which quality, reliability, and fair transaction can be definitely tested out."

At the opening of the sessions Secretary Hoover told the meeting that since the industry held its conference last December when the committees had been directed to develop material for subsequent standardization, the committee had given much time and effort to bring out something constructive. From many sources, he told the delegates, he had received notice of the public's appreciation of the spirit shown by the industry in its efforts to solve the problems of cheaper prices, better service and conservation in a constructive manner. He praised the men of the industry for a great and earnest effort to make progress.

Replying to Mr. Hoover, John W. Blodgett, of Grand Rapids, Mich., chairman of the Central Committee on Lumber Standards, paid tribute to the cooperation of the Forest Service and Forest Products Laboratory of the Department of Agriculture.

In its preparation of the recommendations, the Central Committee, Mr. Blodgett said, had been in unanimous agreement on 43 out of 52 of its items, covering trade names, sizes and guarantees of quality and quantity.

William A. Durgin, Chief of the Division of Simplified Practice, presided while members of the Central and Consulting Committees presented the sections of the recommendations. Arthur Upson of the Forest Products Laboratory, gave a graphic outline of the leveling of grading qualifications which had grown out of the effort to secure uniform grading nomenclature.

"We are entering a new phase of self government," William A. Babbitt, representative of the wood using industries on the Consulting Committee "on a plane of economic interest. We must recognize that we as an industry must govern ourselves along lines of fair play and not look to the government to enforce justice."

Presenting a section dealing with methods of arbitration of claims, John H. Kirby, of Houston, Tex., president of the Southern Pine Association, said: "Some such agency should be adopted. It should have no coercive power, but must act with the consent of the governed, who should have a voice in the making, enforcing and observation of such rules. Such a plan is a law as old as truth and as old as justice. There should be no difficulty in adopting arbitration."

Col. W. B. Greeley, of the Forest Service, told the delegates that this standardization movement is one of the most constructive steps in the history of industry and that it would win great commendation. At times, because it is a form of industrial evolution, its progress may seem slow, but time is bringing a step by step advance. With regard to short lengths, Colonel Greeley said, the long-established practice of the industry itself has hampered progress, and now the industry has an opportunity to apply conservation to a national resource which is going much more rapidly than it is being replaced. In carrying on a more aggressive standardization and conservation program, he said, the Forest Service offers its fullest cooperation.

When the recommendations were taken up by topics, that dealing with basic grades was first considered. A. C. Dixon, president of the West Coast Lumbermen's Association, who presented the Central Committee's section, offered an amendment at once on behalf of the manufacturers which was intended to clarify the section. On Mr. Dixon's motion the action was deferred until the afternoon session.

The section on short and odd lengths was discussed from the retailers' viewpoint by Adolph Pfund of St. Louis, secretary of the National Retail Lumber Dealers' Association and Guy Gray of Clveeland, Ohio, of the same group, both of whom are members of the Consulting Committee. Mr. Pfund pointed out that certain cities are better markets for short length lumber than others because of building codes, apartment-house construction and other factors creating local demand.

Adoption of the recommendation "That, with the exception of the following enumerated odd lengths, which shall be standard, odd lengths be not considered in American Lumber Standards:

2 inch by 4 inch, 6 inch by 8 inch—9 foot and 11 foot.
2 inch by 8 inch and 10 inch—13 foot.
2 inch by 10 inch—15 feet.
8 inch by 8 inch, 10 inch by 10 inch, 10 inch by 12 inch, 12 inch by 12 inch, 14 inch by 14 inch, 18 inch by 18 inch—11 feet and 13 feet.
6 inch by 16 inch, 6 inch by 18 inch, 8 inch by 16 inch, 8 inch by 18 inch—15 feet and 17 feet.

was moved by C. C. Sheppard of Oakdale, La., a representative of the Southern Pine Association on the Consulting Committee, and it was unanimously adopted.

Consideration of short lengths as outlined in the recommendations was not so unanimous. Mr. Sheppard, reporting the manufacturers in accord with recommendations for a survey of the uses of short lengths, the results to be submitted later, objected to leaving the short length specifications out of American Lumber Standards. The percentage of short and odd lengths, several other speakers urged, should remain in statu quo until the survey could be made. Messrs. Dixon, Cooper, and Gray advocated this. Mr. Rabbitt proposed that the first part of the recommendation be rewritten. E. A. Frink of Forfolk, Va., railways representative on the Conculting Committee, declared conditions so varied in different sections that national specifications would be almost impossible to prepare.

Effect of price on short lengths and their uses was cited hy several speakers as having a strong bearing on the disposal of these lengths. Several speakers, notably F. C. Krotter of the Nebraska Retail Lumber Dealers Association, J. F. Goodman of the Southwestern Lumbermen's Association, E. S. Hall of Chicago, of the architects' and contractors' group on the Consulting Committee, declared that it was a wasteful practice for manufacturers to ship mixed short lengths to sections where they are not used Mr. Sheppard stated that 70 to 80 per cent of short lengths go to retailers without complaint by them.

Lunch interrupted the discussion, but immediately afterward Mr. Pfund presented the position of the retailers, declaring that there had been special committees at work on this subject for two years under the Department of Commerce and three or four years under the manufacturers. The work had been divided into the merchandising phase an the fact-finding. Retailers favor a survey, but doubt that it will alter their problem, he said, as part of that solution lies with contractors who have to pay the same for labor whatever the length of material the workman is handling. Retailers, Mr. Pfund said, believe a survey will bring the problem to national attention.

As adopted, it is provided "that a survey be made by, or under the authority of the Central Committee on Lumber Standards, covering the production and uses for short lengths of lumber, the results thereof to be compiled and submitted at a conference about May 1, 1925, published to interested producers, distributors and consumers of lumber and associations thereof."

Another section of this problem was covered hy the adoption of a motion "that between the date of this meeting and May 1, 1925, the percentage of short lengths eligible to be included as random lengths remain as provided by present practice."

When the meeting considered the problem of bundling stocks by lengths, Arthur E. Lane of New York sought an exception to this practice on behalf of the makers of red cedar bevel and bungalow siding. While building by length had been tried out, the demand for mixed lengths, he said, had led to present practice. The amendment was lost. L. P. Lewin of the Retail group said that in this, as in previous cases, the retail men were striving for the allocation of short lengths where the demand was active. The conference then voted to retain the section providing "that each length of bundle stock be bundled separately."

Reverting to the basic grades for yard lumber, the conference adopted the recommendation:

"That, pursuant to the following recommendation adopted in general con-

rence Washington, December 12-13, 23:

"'That, to the extent to which differences in quality of timber, in conditions of manufacture, and in the uses to which the product is put, will in practical applicaion, permit, the basic provisions for the grading of yard lumber shall be uniform'.

"Associations of manufacturers, distributors and consumers of lumber hich publish and apply grading rules r yard lumber shall formulate Basic rovisions for the Grading of Yard umber and Grading Rules for Yard umber, subject to the report thereon y them at a subsequent conference to held on or about May 1, 1925, of the tent to which they shall at that time ave formulated their grades accordgly, within the limits of the Basic rade classificaion for Yard Lumber, lopted in general conference, Washgton, December 12-13, 1923, and effctive July 1, 1924.

"That such associations which on or efore July 1, 1924 shall have filed with e Central Committee on Lumber tandards grading rules for yard lumer formulated to conform to the Basic rade Classifications be authorized ith the approval of the Central Comittee, to publish and apply such rules s tentative standards."

As to the section dealing with the omenclature of commercial species f trees, a resolution was adopted proiding "that for use in the formulation f yard lumber grading rules and in e construction of contracts and the rms of the purchase and sale of lumer thereunder, associations of manuacturers, distributors and consumers f lumber which publish and apply rading rules for yard lumber shall efore July 1, 1924, propos esuitable efinitions of Defects and Blemishes, umber Abbreviations, and Nomenclaure of Commercial Species of Trees.

"That, based thereon, the Central ommittee on Lumber Standards, at a eneral conference to be held on or bout May 1, 1925, submit for adoption s final recommendations covering hese items."

The only question raised was as to he omission of Western Pine but it vas stated that this definition was ow in the hands of the courts.

Discussing the recommendations on rade marking, Mr. Sheppard stated hat a recently invented device has een proved successful in marking rades by means of steel dies and inelible ink. This benefits manufacturr and retailer, and gives assurance o the consuming public that it is etting what it pays for. The principle f grade marking was approved, and he recommendations adopted calls for narking of the grade on No. 4 common nd better grades, and that on lower rades the grade mark be optional. This, it was declared, will put a check n the efforts of any unscrupulous dealers to sell inferior grades for those vhich the consumer ordered.

Recommendations regarding rough dry yard lumber sizes was taken up in sections to facilitate action. In the alowance of scant thicknesses on extra standard boards 32/32nds inches thick, a change was made of the report to make the percentage of scant thickness 10 per cent instead of 20 provided for the standard board of 29/32nds inch thickness. After amending recommendations as to width allowances on boards in this class covering eight inches or less and from nine to 12 inches to ¼ and ⅜ inches respectively, another section was added "That the Forest Products Laboratory be requested to furnish a schedule of commercial dry weights for each size of standard and extra standard dry softwood yard lumber, and the standard moisture content of each specie, this schedule to become a part of the American Lumber Standards when so furnished and such schedule to be furnished by July 1, 1925. In the interim the Central and Consulting Committees will furnish a tentative schedule.

Recommendations for standard mouldings were altered at the request of the American Institute of Architects, plans being made for new designs which shall be "consistent with good architecture and the standard sizes of lumber."

Sections dealing with the standard working of flooring, with shipping provisions and shingles were adopted without change, although the conference voted to incorporate and consolidate previous rules with recommendations as to shingles.

With regard to inspection service, the only changes made were concerned with the creation of a central bureau by lumber manufacturers, eliminating a provision that this bureau should receive and act on complaints involving the grading or inspection of yard lumber; and provisions dealing with arbitration.

The motion was adopted dealing with structural grades providing.

"That regional associations of manufacturers of lumber which publish and apply grading rules for structural timber shall continue their formulation of structural grades subject to report thereon by them to the Central Committee on Lumber Standards on or before July 1, 1924, if possible, but not later than January 1, 1925, of the extent to which they shall at that time have formulated such grades.

"That when such associations shall have agreed on the provisions for structural grades, they may, with the approval of the Central Committee on Lumber Standards, publish and apply such rules as tentative standards until such time as they can be adopted as American Lumber Standards at a further general conference at Washington."

As the meeting was brought to a completion of its program, Mr. Durgin told the delegates that there had been received by the Division of Simplified Practice 976 acceptances by manufacturers, distributors and unclassified groups. He urged that every delegate get behind the acceptance of every dealer, distributor or manufacturer in the organization to which he belonged, in order that the fullest effect of this great undertaking might be made apparent to the nation as a whole. He also discussed various means by which the delegates could effectively emphasize to the public that they were a part of the American Lumber Standards movement.

P. M. SANFORD, RICHMOND BUILDER, HONORED BY EXCHANGE

P. M. Sanford, president of the Contra Costa County Builders' Exchange, with headquarters in Richmond, was given a surprise dinner following the regular meeting of the organization April 25. Sanford recently returned from Portland, Ore., where he attended the American Plan conference of builders and manufacturers.

Following the usual business meeting, the seventy-five members in attendance, retired to the banquet hall and enjoyed a supper especially prepared for President Sanford. A feature of the dinner was a 36-pound cake on which was inscribed the slogan of the Richmond builders, "America's Homes — Built American Plan." The cake was elaborately decorated with American flags.

Annual convention of the National Retail Hardware Association will be held in San Francisco, June 16-20.

TRADE NOTES

Walter B. Lomax, Homer-Laughlin Bldg., Los Angeles, Pacific Coast sales agent for several steel structural material lines, including Midwest air filters and Midwest box rails, announces the appointment of Tim Lydon as resident sales engineer. During the past nine years Mr. Lydon has served in the capacities of designing, constructional and sales engineer, and brings to the office a thorough knowledge of air conditioning and mechanical equipment requirements.

The Pacific Southwest Import Company of Los Angeles is a new corporation which will handle the cut of the Olntanga Lumber Company and W. A. Smith Company, Philippine Island hardwood manufacturers. T. I. Gilbert president and G. E. Carpenter is the general manager Both have had wide experience in the business.

Western Insulex Company, formerly of 4065 Hollis street, Emeryville, has started production in its new plant at 360 Adeline street, Oakland. The company manufactures heat insulating materials, including pipe coverings, boiler jackets, ice line coverings, noncorrosive flue pipe and vent piping.

Stockton Mineral Products Company has secured property at Lafayette and Van Buren streets, Stockton, and will establish a plant for the manufacture of roofing and stucco under exclusive processes. Arthur B. Foote and E. W. True, formerly of Grass Valley, are interested in the company.

California Pottery Company is having plans prepared for an office, salesroom and distributing warehouse plant in Fresno. The plant will be erected at G and Mono streets. The new quarters will be in charge of Charles B. Cochrane, manager of the Fresno district.

W. P. Maingault and J. C. Graham of Tacoma, Wash., have established a plant at 744 Twenty-third Ave., Oakland, and will manufacture ice making machines. They will operate under the firm name of Universal Ice Machine Company.

W. S. Wentenhall Company, 17th and Wisconsin streets, San Francisco, has been appointed Northern California distributor for Steelcrete Products, manufactured by the Consolidated Expanded Metal Companies with general offices and plant at Braddock, Pa.

W. S. Cass, 18 years in the electrical business in Chico, has disposed of his business to I. C. Graham, L. R. Haselau and F. W. Heberlein, who will continue to operate at the present location, 542 Broadway, Chico.

Fox-McNulty Lumber Company of Redwood City has moved to its new quarters in Arguello Boulevard, where the company recently acquired a 2½-acre site for yards and offices.

Wenrich Lumber Co. has opened yards at 24th and J streets, Merced, D. O. Wenrich, former manager of the Hammond Lumber Company at Watsonville, is the owner of the plant.

Pacific Sanitary Manufacturing Company has purchased additional land adjoining its plant in San Pablo, Contra Costa County, for future plant expansion.

A petition in involuntary bankruptcy has been filed against the South Tacoma Mill Company, Tacoma, Wash.

Building News Section

APARTMENTS

Plans Being Figured.
APARTMENTS Cost, $20,000
SAN FRANCISCO, SE Balboa St. & 20th Avenue.
Two-story and basement frame (4) apartments.
Owner—John Jackens.
Architect—Quandt Bros., Humboldt Bk Bldg., San Francisco.

Segregated Figures Being Taken.
APT. HOUSE Cost, $23,000
OAKLAND, Excelsior Ave.
Three-story frame and stucco apartment house (6 apts. of 4 rooms ea)
Owner—Mrs. K. L. Lemmon.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.

Plans To Be Prepared.
APARTMENTS Cost. $15,000
OAKLAND, Glen View Ave.
Two-story frame and stucco apartment house(4 4-room apts.)
Owner—Mr. Weck.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.

Contract Awarded.
APARTMENTS Cost, $18,500
SAN FRANCISCO, N Broadway 97-6 W Leavenworth.
Two-story and basement frame (6) apartments.
Owner—Maria Walsh.
Architect—E. E. Young, 2002 Calif. St., San Francisco.
Contractor—Wm. A. Delany, 1544 Calif St., San Francisco.

Contract Awarded.
APT. HOUSE Cost, $39,840
BERKELEY, Alameda Co., Cal., Arch St.
Two-story frame and stucco apartment house.
Owner—Joseph Davis.
Architect—W. H. Ratcliff Jr., Mercantile Trust Bldg., Berkeley.
Contractor—J. P. Brennan, 2110 Shattuck Ave., Berkeley.

Preliminary Plans Being Prepared.
APARTMENT Cost, $35,000
SAN FRANCISCO, Nob Hill.
Three-story frame apartment house.
Owner—Withheld.
Architect—Edward E. Young, 2002 California Street.

Plans Complete.
APARTMENTS (12). Cost, $25,000
SAN FRANCISCO, NE Broadway & Larkin Streets.
Three-story and basement frame (12) apartments.
Owner—J. J. McCook.
Architect—O'Brien Bros., Inc., 315 Montgomery St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $20,000
OAKLAND, SE 53rd and Shattuck.
Two-story 16-room apartments.
Owner — Louis Kersch, 551 53rd St., Oakland.
Contractor—K. C. Morrison, 443 62nd St Oakland.

Plans Complete.
APARTMENTS Cost, $20,000
SAN FRANCISCO, S Duboce 206-8 E Guerrero.
Two-story and basement frame (8) apartments.
Owner—David Lewis, 4143 23rd St., San Francisco.

Contract Awarded.
APT. BLDG. Cost, $16,000
SAN FRANCISCO, N Sacramento 35-6 W Cherry.
Two-story and basement frame bldg. apartments.
Owner—Anna Fishel.
Contractor—H. O. Lindeman, 619 27th Ave, San Francisco.

Plans Completed.
APARTMENTS Cost, $20,000
SAN FRANCISCO, W 26th Ave. 340 S Geary.
Two-story and basement frame (8) apartments.
Owner—John Kanter, 5232 Geary St., San Francisco.
Architect—Archie Newsom, Wells Fargo Bldg., San Francisco.

Owner Taking Figures.
APARTMENTS Cost, $20,000
SAN FRANCISCO, W 9th Ave. 125 S Clement.
Three-story and basement frame (15) apartments.
Owner—Simon Fraser, 770 3rd Avenue San Francisco.
Architect—Earle B. Bertz, 168 Sutter St., San Francisco.

Plans Complete.
APARTMENTS Cost, $25,000
SAN FRANCISCO, NW Greenwich and Polk Sts.
Three-story and basement frame (12) apartments.
Owner—Herman Hogrefe.
Architect — Edward E. Young, 2002 California St., San Francisco.

Permit Applied For.
APARTMENTS Cost, $150,000
SAN FRANCISCO, NW Washington & Franklin Streets.
Six-story and basement reinforced concrete apartment house (30 3 and four room apts.)
Owner—D. J. Clancy, 2884 Folsom St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., Sa nFrancisco.

Contract Awarded.
APARTMENTS Cost, 24,000
OAKLAND, N Rio Vista Ave. 166 & 207 E Fiedmont Ave.
Two 2-story 16-room (4) apartments.
Owner—R. W. Taylor, 1636 Franklin St. Oakland.
Contractor—Cal. Bldg. Co., 1636 Franklin St., Oakland.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. **Fold-up-Dors.** Ti-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-slipping flooring. — Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET

Sutter 5907 San Francisco

Plans Complete.
APARTMENTS Cost, $16,000
SAN FRANCISCO, NW Guerrero and 19th Sts.
Two-story frame (4) apartments.
Owner—J. Monihan, 770 5th Ave., San Francisco.
Architect—John J. Foley, 770 5th Ave., San Francisco.

Plans Complete.
APARTMENTS Cost, $90,000
SAN FRANCISCO, N Sutter 87-6 W Leavenworth.
Six-story and basement brick (46) apartments.
Owner—J. Steur, 760 Geary St., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.

Plans Complete.
APARTMENTS Cost, $14,000
SAN FRANICSCO, N California 136 E Arguello Blvd.
Two-story and basement frame (4) apartments.
Owner—M. H. Marks.
Contractor—R. W. Moller, 630 Call Bldg San Francisco.

Plans Being Figured.
APT. HOUSE Cost, $100,000
SAN FRANCISCO, NE Corner Sutter and Hyde Sts.
Six-story class C reinf. concrete apt. house.
Owner—Joseph & Julia Goldstein.
Architect—Edw. E. Young, 2002 California St., San Francisco.

LOS ANGELES, Los Angeles Co., Cal. —Archt. John Kunst, 511 Roberts Bldg., has completed plans for a 3-story store and apartment bldg. to be erected at 2 20 Sunset Blvd. for Mark Selma; it will have 5 stores on first floor and there will be 44 single and double apartments on second and third. Dimensions, 85 x 100 ft., 3-story and basement, comp. rfg., brick first floor and front walls, press. brick facing, art stone trim. frame and plaster rear and tile walls, cement, maple and oak floors, tile drainbds., gas rads., comp. drainbds., wall beds, plate glass, metal skylights, metal lath, fire escapes, out. water htrs., basement, pine trim. etc.

PORTLAND, Ore. — Archt. Carl L. Linde, Artisans Bldg., completes plans for two-story and basement frame and stucco 100 by 200 ft. English type apartment house to be erected for Carl Siegle in E-Irving St., bet E.-24th and E-25th Sts.; est. cost $150,000. Will contain 34 apartments.

BONDS

EUREKA, Humboldt Co., Cal.—Until May 13, bids will be received by county supervisors for purchase of $450,000 bond issue of Eureka High School District; proceeds of sale to finance erection of new junior high school, plans for which are being completed by Architect J. J. Donovan, Tapscott Bldg., Oakland.

ORLAND, Glenn Co., Cal.—Election will be held May 5 in Plaza School District to vote bonds of $2800 to finance erection of community hall in connection with school buildings.

SACRAMENTO, Cal. — Election will be held May 24 in Sutterville Heights School District to vote bonds of $7500 to finance school improvements. Trustees of district are: A. I. Naylet, E. A. Heilbron and W. L. Juergenson.

RICHMOND, Contra Costa Co. ,Cal.— May 28 is date set to vote bonds of $75,000 to finance erection of a municipal bath house. A. C. Faris is city clerk.

MODESTO, Stanislaus Co., Cal. — Until May 13, bids will be rec. by the county supervisors for purchase of $17,000 bond issue of Rising Sun Joint School District, situated in portions of Stanislaus and San Joaquin counties. Proceeds of the sale are to finance erection of a new school.

SANTA CRUZ, Santa Cruz Co., Cal.—County supervisors sell $16,000 bond issue of Boulder Creek School District; proceeds of sale to finance erection of new school.

REDONDO, L. A. Co., Cal.—The $275,000 grammar school bond issue carried at the recent election. The funds will be used for a class A school bldg. on the north side, an addition to the present Central school bldg., and improvement at the South school.

CHURCHES

To be Done by Days Labor.
CHURCH Cost, $20,000
RIPON, San Joaquin Co., Cal.
One-story frame and stucco church with shingle roof.
Owner—First Christian Reform Church
Architect — Davis-Heller-Pearce Co., Delta Bldg., Stockton.

Figures Being Taken — Bids To Be Opened May 10, 1924.
CHURCH & SCHOOL Cost, $50,000
WOODLAND, Yolo Co., Cal.
Frame and stucco church and school tile roof, Spanish style)
Owner—First M. E. Church.
Architect — Tuttle & Tuttle, 357 12th St., Oakland.
Bids will be taken for a general contract.

Figures Being Taken — Bids To Be Opened May 12, 1924.
CHURCH Cost, $75,000
BURLINGAME, San Mateo Co., Cal.
Two-story and basement frame and stucco or hollow tile church.
Owner—First M. E. Church.
Architect—Paul V. Tuttle, 357 12th St., Oakland.

REDLANDS, San Bernardino Co., Cal —Bids will be called for as soon as possible for the construction of a $50,000 addition to the First Methodist church. Stucco constr. W. L. Thornquest, F. A. Kimball and George Tyree, trustees; C. P. Hook, clerk, and C. J. Tripp, president.

TUCSON, Pima Co., Ariz. — Archt. Robert H. Orr., 1305 Corporation Bldg., havs been commissioned to prepare plans for a new church bldg., at Tucson, Ariz. for the First Baptist Church of Tucson; it will have an auditorium and balcony to seat about 1000 people, basement, classrooms, and social center. Brick walls, 100x130 ft., comp. rfg., art stone trim, cement, pine and hardwood fls., oil burning steam htg. sys., art and stained glass, pipe organ, pine and hardwd. trim, water htr., etc.; $100,000.

FRESNO, Fresno Co., Cal.—Van Ness Methodist Episcopal Church, formerly the Normal Methodist Church, has secured six lots at University and Van Ness avenue and plans early construction of a modern edifice. Rev. J. Earl Vandgriff is pastor.

LOS ANGELES, Cal.—Archt. Robert H. Orr, 1305 Corporation Bldg., is completing plans for a new church bldg. to be erected at cor. Denker and 53rd Sts. for the Brethren church; it will have a basement with social hall and auditorium and balcony to seat 400 people and classrooms. Frame and plaster constr., 2-story and basement, comp. rfg., cement and pine fls., gas htg. sys., water htr., art glass, pine trim; $30,000

TUSCON, Ariz.—Archt. Robert H. Orr 1305 Corporation Bldg., is preparing plans for a Sunday school building to be erected at Tucson, Ariz., for the Trinity Presbyterian church of Tucson; it will be 2-story and basement and will have classrooms and assembly hall to be used as church at present. There will be a large church erected at some future date. Brick walls, 40x92 ft., plaster exter., tile rfg., hardw. and pine fls., oil burning steam htg. sys., water htr., stained glass. The first unit will cost $40,000 and the two units $150,000.

LOS ANGELES, Cal.—Archts. Alfred W. Rea and Chas. E. Garstang, 905 Trust & Savings Bldg., have completed plans and are taking bids for erecting a Sunday school bldg. at Highland Park for Highland Park M. E. Church. Bids will be taken separately on the general contract, plumbing, wiring and heating. The bldg. will be 2-story and basement, 72x142 ft., frame and plas. constr., cem. gun exter., comp. rfg., pine trim, gas radiator htg.; $75,000.

FACTORIES AND WAREHOUSES

Segregated Figures Being Taken.
FACTORY BLDG. Cost, $75,000
SAN FRANCISCO, NW 10th & Howard Streets.
Two-story reinforced concrete flat slab factory bldg. 113 by 149 with 10x30 ft. freight elevator.
Owner—Fisher-McGaffney Body Co.
Architect — Willis Lowe, Monadnock Bldg., San Francisco.

Plans Being Prepared.
DISTRIBUTING PLANT. Cost, $—
FRESNO, Fresno Co., Cal. G and Mono streets.
Offices, salesrooms and distributing plant.
Owner—California Pottery Co., Mills Bldg., San Francisco, Cal.
Architect—Ernest J. Kump Co., Rowell Bldg., Fresno, Cal.
Office and warehouse will cost $15,000. Office section will have 70-ft. frontage, constructed of brick with clay tile roof. Warehouse will have brick piers, reinforced concrete girders and beams, hollow tile filler walls. It will be 70 x 120-ft.

Sub-Contracts Awarded—Figures Being Taken.
WAREHOUSE Cost, $—
SAN FRANCISCO, N Jessie St. between Ecker and St. Anthony Sts.
Five-story reinforced concrete flat slab warehouse 67x62 (1 elevator)
Owner—Dalziel Estate.
Architect—Willis C. Lowe, Monadnock Bldg., San Francisco.
Iron work awarded to Michel-Pfeffer Iron Works, 1415 Harrison St., San Francisco.
Sheet metal work to Frank Jamison.
Plumbing to Tusch.
Elevators to S. F. Elevator Co., 860 Folsom St., San Francisco.

Contract Awarded.
CREAMERY PLANT Cost, $50,000
SACRAMENTO, 3030 A St.
Two-story reinforced concrete creamery plant.
Owner—Glenn Dairy Co., 3673 Folsom Blvd., Sacramento.
Contractor—Holdener Const. Co., 2608 R Sacramento.

Contract Awarded.
WAREHOUSE Cost, $35,000
BERKELEY, Berkeley Plant.
Three-story reinforced concrete warehouse.
Owner—California Ink Co., 3rd and Camelia Sts., Berkeley.
Consulting Engr.—Victor H. Poss, 381 Bush St., San Francisco.
Contractor—K. E. Parker Co., 519 California St., San Francisco.

To Be Figured Shortly.
ADDITION Cost, $175,000
SAN FRANCISCO, NW Corner 10th and Folsom Sts.
Two-story reinforced concrete brick addition to factory.
Owner — Kleiber Company Inc., 1480 Folsom St., San Francisco.
Designers—The Austin Co. of Cal., 605 Market St., San Francisco.

TERRA BELLA, Tulare Co., Cal.—California Growers and Shippers, Inc., of Fresno, has started construction of a frame structure, 80 by 100 ft., on the S. P. right of way, to be occupied as a warehouse.

SAN DIEGO, San Diego Co., Cal. — R. A. Jackson, San Diego, was awarded contr. by William Thum at $142,964 for the general work for a 6-story warehouse at Fifth and K Sts. The bldg. will be an enlargement of the fireproof warehouse now occupied by the Pioneer Truck Co. Reed Bros. were awarded the plbg. at $3572; Wittemore Co. the roofing at $1172.

TULARE, Tulare Co., Cal. — T. M. Amendola & Co., of Brawley, Calif., announces construction will be started shortly on green fruit packing plants at Visalia, Dinuba, Sultana, Woodlake and Exeter. A. L. Erb is Tulare county manager for the company.

VISALIA, Tulare Co., Cal. — Acme Ice Cream Co. has purchased property in industrial district bet. East Main and East Acequia Sts., and plans to erect brick structure for manufacture of ice cream. Roy Greenfield is manager of company.

LOS ANGELES, Cal. — Archt. A. L. Rogelmair, 358 New High St., has completed plans and is now taking bids for a 2-story class C factory bldg. to be erected on Washington near San Pedro St. for the California Architectural Decorating Co. Two-story 50x140 ft., brick walls, cast stone trim, struc. steel, comp. rfg., steel sash, cement fls., plate glass.

CROCKETT, Contra Costa Co., Cal.—California and Hawaiian Sugar and Refining Co., will expend approx. $1,500,000 in construction at the Crockett plant within the next twenty months. Plans are now being prepared to remodel Sections 2 and 3 of Warehouse No. 1 to conform with other structures. All of the work will probably be of reinforced concrete construction.

ONTARIO, San Bernardino Co., Cal—West Ontario Citrus Assn. has authorized the erection of a modern packing house and pre-cooling plant, to cost $200,000. Reinf. conc. constr., with double the capacity of the present frame bldg. Ground is to be broken within a few weeks. William Hartley is mgr. of the assn., which serves the Monte Vista district.

LOS ANGELES, Cal.—Beaver Glass Mfg. Co., through Atty H. Clyde Harms, Merritt Bldg., has purchased a glass factory in the Vernon industrial district. There will be a few minor alterations made to the plant at the present time and a large warehouse will be erected next fall at a cost of $60,000.

CARPINTERIA, Santa Barbara Co., Cal.—Local lemon growers are organizing to erect a packing plant. The committee in charge is composed of G. G. McLean, chairman; H. S. Deaderock, E. H. Woon, Daniel Stone and H. W. Morris. They will confer with a committee from Goleta.

ARVIN, Kern Co., Cal.—L. H. Moon has the contract to erect an oil distribution plant in Arvin for the Standard Oil Co. The plant will include three 20,000-gal. storage tanks, one pumphouse, warehouse, garage and office. Cost, about $30,000.

SAN PEDRO, L. A. Co., Cal.—Wholesale fish dealers at the harbor are organizing to erect permanent bldgs. and a cold storage plant on the east side of Fish Harbor. Through their attorney, Montgomery Pfister, they have asked the harbor comm. for a 30-year lease on a new site. The proposed cost of the fish dealers' bldgs. would be about $1,000,000.

LOS ANGELES, Cal.—S. N. Benjamin 2429 Vineyard Ave., is completing and has the contract to erect a brick factory bldg., on 16th St. near Union Ave., for the Art Furniture Co. Dimensions, 52x150 ft., plaster front, comp. rfg., steel sash cem. and pine fls., pine trim, 2-story and mezzanine fl. wire and plate glass.

LOS ANGELES, Los Angeles Co., Cal.—Archt. W. J. Saunders, 227 Laughlin Bldg., is preparing plans for a Class A store and warehouse building to be erected at the northeast corner of Third and Alameda Sts., for the Neptune Meter Co. It will be three-story and basement, 177x131 feet, designed for 6 stories. A portion of the Third St. frontage and part of the 2nd and 3rd stories will have separate stairways and elevator service and will be leased to separate tennants; the remainder will be occupied by the Neptune Meter Co. Reinforced concrete construction, pressed brick facing, plate glass, steel sash, metal skylights, two elevators. Cost, $90,000.

FLATS

Plans Complete.
FLATS Cost, $10,000
SAN FRANCISCO, E Presidio Ave. 97-2¼ S Jackson.
Two-story and basement frame (2) flats.
Owner—H. J. Dempsey, 825 Monadnock Bldg., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.

Plans Being Prepared.
FLATS Cost, $40,000
SAN FRANCISCO, SE Corner 21st and Fair Oaks.
Eight 4-room frame flats, mission style
Owner & Contr.—E. V. Lacey, 180 Jessie St., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.

Contract Awarded.
FLATS Cost, $12,000
SACRAMENTO, 613 T.
Two-story 4 flats 4 rooms each and basement.
Owner—Jos. Bianchi, 1915 6th, Sacramento.
Contractor—P. Leoni, 1415 P, Sacramento.

Owner Taking Figures.
FLATS Cost, $9000
SAN FRANCISCO, Upper Terrace Ashbury Heights.
Three-story frame flat bldg. (9 rooms)
Owner—W. H. Humphreys, 1279 19th Ave., San Francisco.

Plans Complete.
FLATS Cost, $16,000
SAN FRANCISCO, E Divisadero 144-5 N Filbert.
Two-story and basement frame (2) flats.
Owner—A. F. Donnelly, 2622 Franklin St., San Francisco.

BEVERLY HILLS, L. A. Co., Cal. — Christ Thoren, 6764½ Hawthorne Ave., has the contract to erect two 20-room brick flat bldgs. in the Speedway tract, Beverly Hills, for Walter G. McCarty. Walker & Eisen, 701 Great Republic Life Bldg., archts. There will be four 5-room flats in each bldg.; 47x85 ft., brick walls, selected common brick facing, comp. rfg., mahogany and pine trim, oak flrs., tiled baths, gas rads., water htrs.; $54,000.

GARAGES

Preliminary Plans Being Prepared.
PAINT FACTORY Cost, $50,000
OAKLAND, Alameda Co., Cal., San Pablo Avenue.
One-story reinforced concrete commercial garage and auto paint factory.
Owner—Withheld.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.

Segregated Figures Being Taken.
GARAGE Cost, $35,000
SAN FRANCISCO, N Page 110 E Gough.
Two-story and basement concrete public garage.
Owner—A. Alpers and H. T. Grieb 1020 Greenwich, San Francisco.
Architect — O'Brien Bros. Inc., 315 Montgomery, San Francisco.

Sub-Figures To Be Taken in a Few Days.
GARAGE Cost, $30,000
SAN FRANCISCO, SW Post and Avery Streets.
Two-story reinforced concrete auto sales building and garage.
Owner — Northern California Baptist convention.
Lessee—Fischer Bros.
Architect — Miller & Warnecke, Perry Bldg., Oakland, & Call Bldg., S. F.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Plans Being Prepared.
ADDITION Cost, $7000
SAN FRANCISCO, Stevenson St.
One-story concrete addition to Post Office garage bldg.
Owner—Sadie I. McLaughlin.
Designer — Wallace A. Stephen, 251 Kearny St., San Francisco.

VENTURA, Ventura Co., Cal.—Contractor Schroeder of Oxnard has been awarded the contract to erect a $60,000 sales and garage bldg. at Main and Spruce Sts. for Roy Priest, local Ford agent.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO—Until May 16, 11 a. m., bids will be rec. by Constructing Quartermaster, Fort Mason, to fur. and erect non-climbable wire fence at Presidio. **See call for bids under official proposal section in this issue.**

WASHINGTON, D. C.—House Indian Committee has approved bill authorizing expenditure of $55,500,000 to construct dam across Gila river near San Carlos, Arizona. The measure has been passed by the Senate.

WASHINGTON, D. C.—Until May 6, bids will be rec. by Bureau of Supplies and Accounts, Navy Department, Washington, D. C., to furnish for Eastern and Western Navy Yards, bolts and nuts, under Schedule No. 2102.

PORTLAND, Ore.—Commercial Iron Works, Portland, at $933 awarded cont. by U. S. Engineer Office to fur. 1-cast steel propeller. Other bids: John Wood Iron Works, $886.70; Portland Iron Works, $905; Smith and Watson Iron Works, $916.13, all bidders Portland.

WASHINGTON, D. C.—Until May 13, bids will be rec. by Bureau of Supplies and Accounts, Navy Department, Washington, D. C., to furnish, Mare Island, Calif., Navy Yard, 2100 lbs. copper tubing, under Schedule No. 2111.

SAN FRANCISCO — Senator Shortridge of Calif., has secured Senate adoption appropriating $500,000 to finance erection of a Marine Corps building in San Francisco.

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PORTLAND, Ore.—Until May 28, 11 a. m., bids will be rec. by U. S. Engineer Office, 216 New Postoffice Bldg., Portland, Ore., to const. and del. two 65-ft. Diesel-powered tenders. Further information on request to above.

WASHINGTON, D. C.—Until May 20, bids will be rec. by Bureau of Supplies and Accounts, Navy Department, Washington, D. C., to furnish Mare Island, Calif. Navy Yard 10,000 sq. ft. expanded metal under Schedule No. 2122.

PORTLAND, Ore.—Pacific Bridge Co. Portland, at $22,500 submits only bid to U. S. Engineer Office to remove dike and dams and Willamette slough. Bid rejected as being excessive.

SAN DIEGO, Cal.—Until June 11, bids will be received by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 4933, to erect barracks and storehouse at San Diego. Deposit of $60 required for plans, obtainable from Bureau.

SAN FRANCISCO—Until May 13, 10 A. M., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5237, to fur. 1000 lin. ft. pontoon pipe, 21-in. outside dia. and in 40 ft. lengths, weighing approx. 82 lbs. per lin. ft. for ⅜-in. steel and 110 lbs. per lin. ft. for ½-in. steel. Materials to be delivered f. o. b. Rio Vista, Solano county. Alternative bids will be considered for delivery at other points, particularly for delivery f. o. b. A. T. and S. F. cars at Antioch, the bidder to state time of delivery.

HALLS AND SOCIETY BUILDINGS

Sub-Contracts Awarded.
STORE, ETC. Cost, $1,000,000
SAN FRANCISCO, N Post St., between Powell and Mason Sts.
Thirteen-story class A store and club building.
Owner—Elks' Club.
Architect — Meyers and Johnson, 742 Market St., San Francisco.
Engineer —C. H. Snyder, 251 Kearny St., San Francisco.
Contractor — R. McLeran Co., Hearst Bldg., San Francisco.
Ornamental Iron awarded to Peerless Ornamental Iron & Bronze Co., 1528 Folsom St., San Francisco.
As previously reported, other contracts recently awarded are.
Elevators to Spencer Elevator Co., 166 Seventh St., San Francisco.
Plumbing to Jas. H. Pinkerton, 927 Howard St., San Francisco.
Heating to Scott Co., 243 Minna St., San Francisco.
Electrical work to Decker Elec. Co., 149 New Montgomery St., S. F.

Contract Awarded.
FRATERNITY HOUSE Cost, $30,000
BERKELEY, Piedmont Ave. near Bancroft Way.
Two-story frame and stucco fraternity house.
Owner—Bachelorton Club.
Architect—Reed & Corlett, Oakland Bk of Savings Bldg., Oakland.
Contractor—A. Cedarborg, 1445 E 37th St., Oakland.

Bids Wanted.
CLUB BLDG. Cost, $200,000
SAN FRANCISCO, Lakeside Golf Links
Two-story frame and stucco Spanish style club bldg., (clubrooms, living rooms, lockers, swimming tank, etc.)
Owner—Olympic Club.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.

Figures To Be Taken Next Week.
STORES Cost, $45,000
UKIAH, Mendocino Co., Cal.
Two-story brick lodge and store building (enamel brick).
Owner—Ukiah Masonic Temple Assn.
Architect—Tuttle and Tuttle, 357 12th St., Oakland.

Contract Let.
CLUBHOUSE Cost, $20,000 approx
PETALUMA, Sonoma Co., Cal.
Frame and plaster clubhouse.
Owner—Petaluma Golf & Country Club Petaluma, Cal.
Architect—Brainerd Jones, Petaluma.
Contractor—Al Herman, Petaluma.

Preliminary plans Being Prepared.
CLUB HOUSE Cost, $—
HANFORD, Kings Co., Cal.
Frame and plaster country club house.
Owner — Kings County Country Club, Hanford, Calif.
Architect—Coates and Traver, Rowell Bldg., Fresno.

LA JOYA, La A. Co., Cal.—Archt. Gilbert S. Underwood, 602 I. W. Hellman Bldg., is preparing plans for a part one and part two story club bldg. to be erected in San Francisquito Canyon for La Joya Country Club. There will be golf links, swimming pool, tennis and hand ball courts, large lobby, dining room, kitchen, locker rooms, bedrooms, etc. Frame and conc. constr., conc. rfg., hardwd. trim; $60,000.

VISALIA, Tulare Co., Cal. — G. A. Truman of the Investment Syndicate of Los Angeles is discussing with the Visalia Masons ways and means to erect a new Masonic Temple here. Previous plans have been revised.

LAKE ARROWHEAD, San Bernardino Co., Cal.—Archt. McNeal Swasey, 405 Hibernian Bldg., Los Angeles, has completed plans and is taking selected bids on club bldgs. to be erected at Lake Arrowhead, for Mortgage Guarantee Co. The main bldg. will be 2-story 30x60 ft., and will contain large living room, 4 bedrooms with baths and kitchen, aut. bldgs., 18x40 ft., 2-story each having 4 bedrooms, baths and kitchen. Frame and plas. constr., shingle rfg., pine trim; $30,000.

LONG BEACH, Los Angeles Co., Cal.—Architects Davies & Baume, 1010 Farmers & Merchants Bank Bldg., Long Beach, have prepared preliminary drawings for a two-story frame colonial country clubhouse to be erected in northeast Long Beach for the new Long Beach County Club. Cost, $75,000. Siding exterior, shingle roof, hardwood and tile floors, clubrooms, men and women grilles, steam heating, baths and showers, billiard rooms, card rooms.

DUNSMUIR, Siskiyou Co., Cal. Masonic Fraternity has raised $30,000 of $60,000 required to erect a new Masonic Temple building. Building committee reports balance will be subscribed within thirty days.

BALLARD, Wash.—Architect Fred J. Peters, Seabord Bldg., Seattle, commissioned to prepare plans for proposed $400,000 lodge building to be erected for the Ballard Lodge of the Fraternal Order of Eagles; will be 2 stories in height, 200 by 100 ft., fireproof, class A construction; stores and theatre will be provided for in the plans.

SACRAMENTO, Cal. — F. H. Betz, Oehsner Bldg., Sacramento, at $9110 awarded contract by city council to erect clubhouse in Southside Park.

PHOENIX, Maricopa Co., Ariz.—Architects Lescher & Mahoney, and V. O. Wallingford, associated, Bank of Arizona Bldg., Phoenix, are revising plans prepared by Archt. F. C. Hearst, deceased, for the Masonic Temple bldg., to be erected at 4th Ave. and Monroe St. for Arizona Lodge No. 2, F. & A. M. The bldg. will be 2-story and basement, 100x132. The basement will contain banquet room and kitchen; first floor, auditorium, 50x70 ft., with stage, coat rooms, billiard room, card room, ladies' room and four offices; second floor, 3 lodge rooms for the Blue Lodge, Commandry and Eastern Star. Press. brick exter., with conc. found.; metal lath; maple flrs; est. cost $120,000.

LOS ANGELES, Los Angeles Co., Cal.—Macdonald & Driver, Douglas Bldg., have been awarded the general contract at $479,362 for erecting a new class A club bldg. on Flower St. between 8th and 9th Sts. for the Women's Athletic Club. Allison & Allison, 1405 Hibernian Bldg., archts. Other contracts have been awarded as follows: Cast stone work to Brooks Art Stone Co. at $10,750; sheet metal work to California Cornice Works at $22,709.40; tile rfg. to C. L. Passmore at $450; comp. rfg. to Standard Roof Co. at $665; marble and tile work to B. V. Collins at $19,150; hardwood flrs. to Hammond Lumber Co. at $2170; art glass to L. A. Art Glass Co. at $2890; hardware to Bennett - Montgomery Hardware Co. at $10,673; heating to L. Z. Brown at $47,717; refrigerating equipment to C. M. Gay Engineering Co. at $13,377.

REDONDO, L. A. Co, Cal—Announcement has been made of the purchase of the southwest corner of Ruby and Catalina streets by the Masonic Temple Building Association from H. C. Graves of Pasadena. The site has a frontage of 120 feet on Catalina street and 150 on Ruby street. A class A building, to house the proposed temple and stores will be erected as soon as the plans now in the hands of Trustees C. A. Butts, Henry Dusendschon and Ernest Heath are completed. The transaction was handled through Howard Young of the W. S. Young Realty Co.

SAN BERNARDINO, San Bernardino Co., Cal.—Archt. De Witt Mitcham, San Bernardino, is starting working plans for the new American Legion clubhouse. Cost will be about $37,000. Work is to start July 1.

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HANFORD, Kings Co., Cal. — Kings County Y. M. C. A. is planning to erect a bldg. in Hanford. Charles H. Crumley, Hanford, made the announcement.

ALHAMBRA, Los Angeles Co., Cal.—Archts. Quintin & Kerr, Weber Bldg., Alhambra, have been commissioned to prepare plans for a clubhouse and gymnasium costing $43,000 to be erected on a 3-acre site on N. Chapel St. for the Alhambra Athletic Club. A bldg. comm. has been appointed.

VISALIA, Tulare Co., Cal.—Masonic lodges of this city contemplate erection of $150,000 masonic temple and business block. Of the total amount required for construction, $35,000 is available. A site in South Court street has already been purchased. A Los Angeles syndicate is conferring with the building committee and proposes to float a bond issue to finance the project.

HOSPITALS

Contract Awarded.
HOSPITAL Cost, $25,000
SAN FRANCISCO, NW Alabama and 16th Sts.
One-story concrete animal hospital.
Owner—San Francisco Society for the Prevention of Cruelty to Animals. Premises.
Architect—Geo. W. Smith, Santa Barbara, Cal.
Contractor—Lindgren & Swinerton Inc. 622 Standard Oil Bldg., San Francisco.

SAN FRANCISCO—H. Hallensleben at $5400 submits low bid to Bd. Pub. Wks. to reconstruct Ward R at San Francisco hospital. Other bids:

Carl Peterson	$5595
Beck and Kohn	5941
A. Lettich	5907
Elliott and Grant	6178

TALMAGE, Mendocino Co., Cal.—Attention is called to the "Notice to Contractors" under the official proposal section in this issue to a revision in the call for bids affecting the mechanical work for the receiving building at the Mendocino State Hospital. Separate bids will be received for electrical work and mechanical work. Mechanical work will include plumbing and heating. A general bid will also be received for electrical work and mechanical work. Mechanical work will include plumbing and heating. A general bid will also be received for combining both electric and mechanical work.

TURLOCK, Modesto Co., Cal.—Hilberg & Wallstrom, Turlock, were awarded the general contract at $20,000 to erect the first unit of the old people's home to be erected by the Swedish Evangelical Missionary Society of Cal. at Turlock, Stanislaus county. E. Wolf, Turlock, was awarded the plbg. at $2650 and C. P. R. Elec. Co., Turlock, the elec. work at $1500. G. N. Hilburn, Turlock, archt.

REDWOOD CITY, San Mateo Co., Cal —M. E. Ryan, Redwood City, at $1620 awarded contract by county supervisors for electric work in Relief Home at county farm.

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COVINA, Los Angeles Co., Cal.—Thomas Jewell, 425 Pacific Finance Bldg., has completed plans and is taking general bids by invitation only for a hospital building to be erected at Covina, for the Covina Hospital; it will contain 30 beds, operating rooms, lobby, waiting rooms, hydrotherapy dept., nurses' quarters, large living apt., and ambulance entrance and lobby. Frame constr., 1½-story and part basement, U-shape, 115x110 ft., brick exterior up to window sills, plaster exterior, brick terraces, gas radiators, automatic water heaters, Genasco asphalt shingle and composition roofing, pine floors, terrazzo baths and operating rooms, incinerator, refrigerating system, pine trim. Bids to be in by May 15th.

LOS ANGELES, Cal.—Archts. Alfred W. Rea and Chas. E. Garstang, 905 Trust & Savings Bldg., are preparing working plans for a class A hospital addition and class C nurses' home bldg. to be erected at the Methodist Hospital on Grand Ave. bet. 28th and 30th Sts. The main bldg. will be 5-story and basement, 37x163 ft., with accommodations for 125 beds; reinf. conc. frame and fls., brick filler walls, stucco exter. hollow tile partitions, comp. rfg., 2 elevators, steam heating, shower and tub baths, tile work. The nurses' home will accommodate 177 nurses; 4-story and basement, 80x136 ft., brick constr., press. brick facing, comp. rfg., struc. steel, pine trim, tiled baths, elevators, steam htg.; $500,000.

HOTELS

Plans Being Prepared.
ADDITION Cost, $80,000
SACRAMENTO, Calif., 10th and K Sts.
One-story and basement steel and concrete addition to hotel and remodeling of main dining room.
Owner—Hotel Sacramento Inc., Lessees
Architect—Hemmings & Starks, Ochsner Bldg., Sacramento.

Plans Being Revised.
HOTEL ANNEX Cost, $125,000
SAN FRANCISCO, Downtown District.
Five-story and basement reinforced concrete hotel annex 55 by 137.
Owner—Withheld.
Architect—Wm. F. Gunnison & H. P. Merritt, 57 West St., San Francisco.
Plans will be ready for figures in six weeks.

LOS ANGELES, Cal.—Archt. Saul H. Brown, Union League Bldg., has completed plans for a 3-story and part 5-story class C hotel bldg. to be erected on Fremont Ave., bet. 3rd and 5th Sts., for Simon Lewis, 5651½ Melrose Ave. It will contain 80 rms.; fifty per cent baths; 45x160 ft., brick walls, press. brick facing, terra cotta trim, marble lobby, comp. rfg., metal skylights, pine trim, tiled baths, steam htg.; $95,000.

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SAN FRANCISCO
Los Angeles

QUINCY, Plumas Co., Cal. — Quincy Commercial Club backs movement to finance construction of new hotel building of rustic type. Clarke Standiford, representing a Los Angeles hotel corporation, has pledged $13,900 for the project. A golf links is included in the project. A structure costing $80,000 is contemplated. The building committee of the Commercial Club consists of A. H. Bar, J. N. Stephens and N. Y. Stoddard.

LOS ANGELES, Cal.—Stonehill Construction Co., 223 Stock Exchange Bldg., has had plans prepared and will erect a 73-room hotel bldg. on Gladys Ave., bet. 5th and 6th Sts. for itself. Three-story, 50x103 ft., brick walls, press. brick facing, comp. rfg., pine trim, tiled baths; $50,000.

LOS ANGELES, Cal.—Archts. Curlett & Beelman, 408 Union Bank Bldg., L. A., are preparing plans for a class A hotel, theatre and store bldg. to be erected on the Brokaw property on the north side of Hollywood Blvd, betw. Gower St. and Bronson Ave., for Davenport Hotel Corp. The site is 341x421 ft. and comprises about 3½ acres. The bldg. will be erected by the Foundation Co. and will cost about $4,000,000. It is being designed in the shape of a cross with four wings, each 12-story in height; the central portion and tower will be limit-height. It will contain 16 stores, 1000 hotel rooms, 5 banquet halls, and three restaurants. Between two of the wings will be a ballroom with dome ceiling and between the two opposite wings will be a theatre to seat 1400 people. The bldg. will be of reinf. conc. constr., stucco exter., plate glass hardwd. trim, 3 passenger and 2 service elevators, steam htg., vacuum cleaning, etc.

OROVILLE, Butte Co., Cal.—W. L. Hogan is in Oroville conferring with J. A. Coley and J. K. Calley, both of Oroville, with regards to erection of 150-room fireproof hotel building in Meyers St., bet. Bird an dRobinson Sts., the structure to be financed by outside capital. An architect has already been selected to prepare preliminary plans.

RENO, Nevada—Construction of a $450,000 fireproof hotel building on the site of the old Riverside Hotel, recently destroyed by fire, is contemplated. Negotiations between H. J. Goose, owner of the Riverside property, the H. L. Stevens Co., a financial house and owners of the Hotel Turpin of San Francisco are interested in the project. A structure containing 100 rooms is proposed. The site has a depth of 200 ft. with a 176-ft. frontage in Virginia St.

POWER PLANTS

Completing Plans.
POWER PLANT Cost, $250,000
SHANGHAI, China.
Power plant of reinforced concrete and brick with steel frame.
Owner—Federal Telegraph Co., Alexander Bldg., San Francisco.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse:
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

MERCED, Merced Co., Cal.—Bids will be asked about May 1, to be opened about June 1, by the directors of the Merced Irrigation District to construct the Exchequer dam and power house. R. V. Meikle is chief engineer for the district. A. J. Wiley is consulting engineer.

LOS ANGELES, Cal.—Pacific Elec. Ry. Co. contemplate erecting a large substation near 25th St. and Long Beach Ave. It will be a 1500 kilowatt automatic station and will be of conc. constr., 1-story, the bldg. with the necessary equipment will cost $104,000. It will be erected in the near future.

PUBLIC BUILDINGS

Preliminary Plans Being Prepared.
SWIMMING POOL Cost, $20,000
LINCOLN, Placer Co., Cal.
Municipal swimming pool, of concrete and tile construction.
Owner—Town of Lincoln. (To be donated to the city by Athol McBean in memory of his father).
Architect—Dean & Dean, Calif. State Life Bldg., Sacramento.

Plans Being Prepared.
CITY HALL & FIREHOUSE.
Cost, $28,000
LEMOORE, Kings Co., Cal.
Two-story brick city hall and firehouse, brick exterior finish, electric heating system, composition roof.
Owner—City of Lemoore.
Architect—Swartz and Ryland, Rowell Bldg., Fresno, Cal.

BAKERSFIELD, Kern Co., Cal—Until May 19, 10:30 a. m., bids will be rec. by F. E. Smith, county clerk, to erect one-story frame and plaster branch library at McKittrick. Cert. check 10% payable to clerk req. Plans obtainable from Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield, on deposit of $10, returnable.

LOS ANGELES, Cal.—Coker & Taylor ,209 S Brand Blvd., Glendale, submitted low bid to county supervisors April 28 at (1) $237,182 for furnishing and installing plumbing, drainage, fire protection, vacuum cleaning, gas piping and drinking water lines for the new Hall of Justice Bldg. N. Broadway, Temple and Buena Vista Sts., and at (2) $260,000 for same, using vitreous china, porcelain bath tubs, etc., as per item 2 under spec. Other bids were:

J. Hokom—(1) $252,000; (2) $275,337.
Lohman Bros. — (1) $277,478; (2) $301,610.75.
Thomas Haverty Co.—(1) $295,748; (2) $317,489; deduct $2000 if equal fixtures bearing Haverty label are used.
G. C. Sutton—(1) $329,589; (2) $350,549.

SAN FRANCISCO — Crown Electric Co. at $613.50 submits low bid to Bd. Pub. Wks. to install inter-communicating telephone system in municipal auditorium. Other bids were.

Direct Line Telephone Co.	$686
Radelfinger Bros.	675
Richard Thompson	690
Butte El. & Mfg. Co.	749
Butte El. & Equip. Co.	716

SAN FRANCISCO — Following is complete list of bids rec. by Board of Public Works to erect Fire Engine House No. 29 in Division St., bet. 10th and 11th sts.:

General Contract

O. Monson (low)	$51,370
Cochrane & Boehme Co.	51,615
Carl Peterson	54,360
Beck & Kohn	55,137
Anderson	55,555
Mahoney Bros.	54,410
J. Martinelli	57,134
Elliott & Grant	60,942
Reilly & Nemetz	62,890

Plumbing & Heating

Henry Ernst & Sons (low)	$4972
Gilley & Schmidt	5193
The Turner Co.	5220
Scott Co.	5592
H. Lettich	5616
P. J. Enright	5900
F. J. Edwards	6034

Electrical work

Crown Electric Co. (low)	$2459
L. Flatland	2600
Radelfinger Bros.	2691
Hetty Bros.	2736
The Turner Co.	2840
Butte Elec. & Equip. Co.	2812
Roberts Mfg. Co.	3950

RESIDENCES

Figures Being Taken — Bids To Be Opened May 5, 1924.
BUILDING Cost, $100,000
SAN FRANCISCO, 7th and Howard Sts.
Three-story reinforced concrete "Blindcraft" building.
Owner—S. F. Association for the Blind (Misses H. E., I. M. Cowell and Mr. S. H. Cowell, donors).
Architect—H. H. Meyers, Kohl Bldg., San Francisco.

To Be Done By Day's Work.
DWELLINGS Cost, $44,200
($3300 to $3800 each)
SAN FRANCISCO, NW Baltimore and Naylor; N Chicago 102 135 169 202 W Naylor; S Winding Way 133 166 200 W Cordova; W Peninsula 32 N Bay Shore Ave; S Winding Way 100 200 W Cordova; S Winding Way 166 E Cordova.
Twelve 1-story and basement frame dwellings.
Owner & Contr.—Crocker Estate Co., 525 Crocker Bldg., San Francisco.

Plans Being Revised.
RESIDENCE Cost, $9000
LOS GATOS, Santa Clara Co., Cal.
One-story frame and stucco 6-room residence.
Owner—Mr. Facks.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Contract Awarded.
RESIDENCE Cost, $10,000
SAN FRANCISCO, SW Clay bet. 22nd and 24th Aves.
Three-story frame residence.
Owner—G. Cahill, Sharon Bldg., San Francisco.
Architect—Weeks & Day, Calif Comm. Ins. Bldg., San Francisco.
Contractor—Cahill Bros., Sharon Bldg., San Francisco.

Preliminary Plans Being Prepared.
RESIDENCE Cost, $16,000
SACRAMENTO, 40th St.
Two-story frame and stucco residence and garage.
Owner—Wm. Hart, Sacramento.
Architect—Dean & Dean, Calif. State Life Bldg., Sacramento.

Figures To Be Taken Shortly.
RESIDENCE Cost, $14,000
PIEDMONT, Alameda Co., Cal., Bellview Ave.
Two-story 8-room residence & garage.
Owner—Mrs. C. F. Bryan.
Architect — Schirmer & Bugbee Co., Thayer Bldg., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $12,000
ANTIOCH, ContraCosta Co., Calif.
Two-story frame and stucco parochial residence.
Owner—The Dominican Fathers, Antioch.
Architect—Beezer Bros., 1915 Steiner St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $18,000
PIEDMONT Alameda Co., Calif., Crocker and Wildwood Avenues.
Two-story frame and plaster residence.
Owner—J. F. Smith.
Architect—W. J. Wythe, Central Bank Bldg., Oakland.
Contractor — C. M. MacGregor, Perry Bldg., Oakland.

Contract Awarded.
RESIDENCE Cost, $15,469
SAN FRANCISCO, S Washington 89-7 W Cherry
Two-story and basement frame residence.
Owner — Mrs. Therese E. Bauer, 3870 Clay St., San Francisco.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.
Contractor — Moore & Watson, 77 O'Farrell St., San Francisco.

Contract Awarded.
RESIDENCE Cost. $20,160
SAN FRANCISCO, W Santa Clara Ave. 360 N Monterey Blvd.
Three-story and basement frame residence.
Owner—Edward De Witt Taylor, 404 Mission St., San Francisco.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor — Wilson & Benson, 126 Ashton Ave., San Francisco.

Bids Being Held Under Advisement.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal.
Two-story frame and stucco residence.
Owner—Capt. F. B. Zaddart.
Architect — Hutchison & Mills, 1214 Webster St., Oakland.

Plans Being Prepared.
BUNGALOW Cost, $7500
PIEDMOND, Alameda Co., Cal.
One-story frame bungalow.
Owner—F. S. Magennis
Architect — Hutchison & Mills, 1214 Webster St., Oakland.

Completing Plans.
RESIDENCE Cost, $—
OAKLAND, Alameda Co., Cal., Lakeshore Highlands.
Owner—F. L. Saylor 2495 Shattuck Ave Berkeley.
Architect—Schirmer-Bugbee Co. ,Thayer Bldg., Oakland.

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Figures To Be Taken Next Week.
RESIDENCE Cost, $15,000
BERKELEY, Claremont Court north side of Russell St.
Two-story frame and stucco residence with tile roof.
Owner—J. Sub Johnson, 2533-A Dwight Way, Berkeley.
Architect W. H. Ratcliff Jr., Mercantile Trust Bldg., Berkeley.

Plans Complete
DWELLINGS Cost, $48,000
SAN FRANCISCO, NE Holloway and Lunado and E Lunado 50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 550 N Holloway.
Twelve 1-story and basement frame dwellings.
Owner—C. S. Allred, 159 Liberty St., San Francisco.
Architect—None.

Contract Awarded.
RESIDENCE Cost, $15,000
SAN FRANCISCO, NW Filbert and Pierce Sts.
Two-story and basement frame residence.
Owner—J. Bacciocco, 576 Clay St., San Francisco.
Contractor—Louis Johnson, 729 Occidental Ave., San Mateo.

Contract Let.
DWELLING Cost, $6000
HAYWARD, Alameda Co., Cal., Peralta Avenue.
One-story frame 8-room dwelling.
Owner—J. J. Thorp, Hayward, Calif.
Contractor — Geo. Asmussen & Son, ward, Calif.

Plans To Be Made.
APARTMENTS Cost, $—
HAYWARD, Alameda County, Cal., Smalley Avenue.
Bungalow Court, 12 three-room apts.
Owner—J. T. Carren, Hayward, Calif.
Architect—Not yet selected.

Contract Awarded.
DWELLING Cost, $14,000
BERKELEY, 2800 Buena Vista.
Two-story 8-rm. dwelling.
Owner—C. C. Boyntn, Buena Vista and La Loma, Berkeley.
Architect—C. C. Dakin, 68 Post St., San Francisco.
Contractor — Hansen, Robertson and Zumwalt, 4145 Broadway, Oakland.

Plans Complete.
RESIDENCE Cost, $15,490
PIEDMONT, 180 Woodland Way.
Two-story 8-room residence & garage.
Owner—A. L. Cunningham.
Contractor—A. Cedarborg, 1445 Excelsior Blvd., Oakland.

Plans Complete.
RESIDENCE Cost, $10,500
PIEDMONT, 131 Guilford Place.
Two-story 7-room residence & garage.
Owner—C. H. Newton, 28 Ronada Ave., Piedmont.
Contractor—Alex. C. Wieben, 839 Rosemont, Oakland.

Contract Awarded.
RESIDENCE Cost. $32,000
SAN FRANCISCO N. Washington 52-9 E Cherry.
Two-story, basement and attic frame residence.
Owner—Louis R. and A. W. Hewlett, 2442 Union St., Sa nFrancisco.
Architect — Edgar A. Mathews, Call Bldg., San Francisco.
Contractor—E. T. Leiter & Sons, Call Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, $—
BERKELEY, La Loma Park.
Two-story frame residence.
Owner—Chas. C. & Florence Boynton, Buena Vista and La Loma, Berkeley.
Designer — E. Deakin, 3100 Telegraph Berkeley.
Contractor—Geo. Housen, Harry Robertson, William Zumwalt, Oakland.

LOS ANGELES, Cal.—A. C. Wright Co., 1515 W 6th St., has the contract to erect four residences on Cahuenga Ave near Highland Ave. for J. P. Elsbach, Italian style, 4 and 5 rms. each, frame and plas. constr., tile rfs., pine trim, oak fls., tiled baths, gas rads., water htrs; $30,000. Carl J. Weyl, Great Republic Life Bldg., archt.

LA JOYA, Los Angeles Co., Cal—Archt. Gilbert S. Underwood, 602 I. W. Hellman Bldg., is preparing preliminary plans for 10 types of mountain lodges to be erected in San Francisquito Canyon, La Joya, for the La Joya Lodge Co. Frame and native stone constr.; $3000 each.

VENICE, L. A. Co., Cal.—O. L. Patske has started work on a 2-sto. and basement residence, 75x90 ft. on Westminster Ave., betw. Speedway and Trolleyway, Venice, for himself. Cost $80,000.

HOLLYWOOD, L. A. Co., Cal.—Archt. Gilbert S. Underwood, 602 I. W. Hellman Bldg., is preparing plans for 16 5, 6 and 7-room residences to be erected on Hollywood Knoll and to be known as Paradise Village, for the Benwood Co., Daniel R. Hull, 602 I. W. Hellman Bldg., landscape archt. Gutleben Bros., 602 I. W. Hellman Bldg., engineers and contrs. Frame constr., stucco exter., shingle rfg., gas rads., aut. water htrs., tile baths, tile mantels, hardw. fls., pine trim; $150,000.

YUMA, Yuma Co., Ariz.—W. J. Hartman of Calexico, of Goree & Hartman, owners of the cotton gin recently destroyed by fire, states that work of rebuilding the gin would be started at once. L. E. Looney is general superintendent of the company.

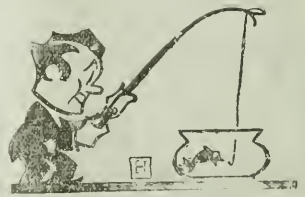
Plans Being Prepared.
RESIDENCE Cost, $12,000
PALO ALTO, Calif.
Two-story hollow tile residence with terra cotta tile roof and garage.
Owner—Withheld.
Architect — W. E. Huson, Chronicle Bldg., San Francisco.

Plans Complete.
DWELLINGS Cost, $3500 each
SAN FRANCISCO, W CORDOVA 25 50 75 100 125 150 175 200 S Winding Way.
Eight 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.

NOTE—The following K.C.B.-like stuff is from the fertile brain of Chas. E. Jerrett of Georgetown, who has written several wonderful letters for these columns in which Sandy Pratt's near comedy appears in the Sacramento Bee (development section) each Saturday, and in the Daily Pacific Builder in San Francisco on each Tuesday and Thursday. Sandy Pratt, president of the Pratt Building Material Co., has no time for fishing. Sandy is too busy selling his crushed rock, washed gravel, rock screenings and clean, sharp sand from Marysville, Prattrock (near Folsom), Sacramento, Prattco (Monterey County) and San Francisco, to go to Georgetown to fish, but Sandy has time to eat some nice trout if some one will catch them. Here following is poet Jerrett's wonderful stuff:

GEORGETOWN, CALIF., April 20, 1924.

DEAR SANDY Pratt.
* * *
UP HERE.
* * *
ON NATURE'S changing screen.
* * *
I SEE the iridescent gleam.
* * *
OF MOUNTAIN trout.
* * *
WHO SWIFTLY darts.
* * *
THEN SLOWLY floats.
* * *
NOT DREAMING.
* * *
OF THOSE human shoats.
* * *
WHO ON the first of May.
* * *
TAKE DOWN the rod.
* * *
AND BEAT it.
* * *
FOR A mountain stream.
* * *
AND PULL out the trout.
* * *
I HAVE no lake.
* * *
NOR SPRAKLING wine.
* * *
BUT ON the canon.
* * *
WHERE I mine.
* * *
THERE IS some trout.
* * *
IT IS my wish.
* * *
THEY MAKE a meal.
* * *
FOUR YOUR "Miss Fish."
* * *
SO BID your sand.
* * *
AND ROCK farewell.
* * *
JUMP IN the Ford.
* * *
AND GO like
* * *
AND WHEN the hour hand.
* * *
GOES THRICE around.
* * *
YOU'LL FIND yourself.
* * *
IN MY home town.
* * *
AND IF you don't.
* * *
GET ANY fish.
* * *
WE'LL FIN you up.
* * *
A CHICKEN dish.
* * *
AND YOU'LL forget.
* * *
THOSE GRAVEL screens.
* * *
AND SAY, Dear Sandy.
* * *
IF I can.
* * *
I'LL SELL you back.
* * *
THAT LOAD of sand.
* * *
YOURS FAITHFULLY, C. E. J.



Sandy Pratt, president of the Pratt Building Material Co., and producer of hard, crushed rock, washed gravel, rock screenings and clean, sharp sand, will fish in his wife's gold fish bowl. [illegible] is sitting at Douglas 300-[illegible] "to remember" in his San Francisco office taking orders for rock (cod) and sand (dabs).

Plans Being Prepared.
RESIDENCE Cost, $20,000
SAN FRANCISCO, Russian Hill.
Two-story and basement frame and stucco residence.
Owner—Walter Heller.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.

SCHOOLS

Segregated Figures Being Taken.
SCHOOL & OFFICE Cost, $30,000
SAN FRANCISCO, Cor. Grove and Buchanan Streets.
One-story class C brick private school and office.
Owner—Hebrew Free Loan Assn., 745 Laguna St., San Francisco.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco.

Plans Being Figured—Bids Close May 9, 1924 at 8 p. m.
OPERA CHAIRS ETC. Cost, $—
MT. VIEW, Santa Clara Co., Cal.
Opera chairs, electric fixtures, motion picture and cafeteria equipment, and domestic science ranges.
Owner—Mt. View High School District
Architect—W. H. Weeks, 369 Pine St., San Francisco.

UKIAH, Mendocino Co., Cal.—Trustees of Ukiah High School District contemplate early construction of $17,000 gymnasium building.

To Prepare Plans.
SCHOOL Cost, $40,000
POINT ARENA, Mendocino Co.
Frame school building.
Owner — Point Arena Union High School.
Architect—Norman R. Coulter 46 Kearny St., San Francisco.

Plans Being Prepared.
SCHOOL Cost, $12,000
RYER, Sacramento Co., near Rio Vista.
One-story reinforced concrete school building with tile roof.
Owner—Ryer Island School District.
Architect—Dean & Dean, Calif. State Life Bldg., Sacramento.

Plans Being Prepared.
SCHOOL. Cost, $35,000
RIVERDALE, Fresno, Cal.
6-classroom school, stucco exterior, tile roof, steam heating.
Owner—Riverdale School District.
Architect—Swartz and Ryland, Rowell Bldg., Fresno, Cal.

Plans Being Prepared.
SCHOOL. Cost, $60,000
FRESNO, Fresno Co., Cal.
8-classroom and kindergarten school, 2-stories in height).
Owner—Fresno City School District.
Architect—Swartz and Ryland, Rowell Bldg., Fresno, Cal.
First unit $60,000. NOTE—This is first unit of 25-classroom building, the total estimated cost of which is $175,000.

SEATTLE, Wash.—Until May 8, 11 a. m. bids will be rec. by Seattle School District No. 1, to erect Dunlap Elementary school at 46th Ave. South and Cloverdale St. F. A. Naramore, city school architect. Will be 2 story fireproof construction. Appropriate of $120,000 is available for construction.

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HANFORD, Kings Co., Cal.—Until May 26, 5 p. m. bids will be rec. by E. R. Nash, president of Board of Trustees, Hanford Grammar School District, to erect grammar school. Segregated bids are desired for (1) general contract with alternate propositions; (2) blackboards; (3) window shades and linoleum; (4) heating and ventilating; (5) plumbing. W. H. Weeks, architect, 369 Pine St., San Francisco. Plans obtainable from architect and on file at office of Principal of grammar school at Hanford. **See call for bids under official proposal section in this issue.**

COMPTON, Los Angeles Co., Cal.—Richard D. King, 519 Van Nuys Bldg., and Frank M. Goodwin, 207 W. Main St., Compton, are completing plans for a 12-room and a 6-room grammar school building to be erected at Compton for the Compton Grammar School Board. Brick walls, one-story and basement, tile roofing, maple and cement floors, plaster exterior, gas heating, slate blackboards, pine trim. Cost, $119,000. Bids to be taken next week from Mr. Goodwin's office.

MONROVIA, L. A. Co., Cal.—Archts. Allison & Allison, 1405 Hibernian Bldg. have been commissioned to prepare plans for a new grammar school bldg. to be erected at Mayflower school site, Monrovia. It will be of concrete or hollow tile construction with stucco exterior and will cost about $80,000.

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San Francisco, Calif.

ALHAMBRA, Los Angeles Co., Cal.—Until 8 P. M., May 22nd, bids will be received by the Board of Education of the Alhambra City School Dist., for a 4-room brick side addition to the Central Elementary school. Cost, $25,000. Four-rooms, brick side addition to the Park school, $23,000, and an addition to the Granada school, $31,000. Bids will be received separately for the 3 schools and for general contract, plumbing and heating. Allison & Allison, 1405 Hibernian Bldg., Architects.

LONG BEACH, Los Angeles Co., Cal.—Parker O. Wright and Francis H. Gentry, architects and engineers, 315 Marine Bank Bldg., Long Beach, have prepared preliminary drawings for a group of buildings for a boys' school for the Southwest Military Institute, to be located at Cherry Ave. and Catalina Sts., on the south slope of Signal Hill, Long Beach. Main building, 142x125 feet. Cost of entire group, $200,000. Construction as single units starting with the south wing.

ALHAMBRA, L. A. Co., Cal.—Until 8 p. m., May 22nd bids will be received by the Board of Education of the Alhambra City School District for a 4-rm. brick side addition to the Central Elementary school, $25,000; 4-rm. brick side addition to the Park school, $23,000, and an addition to the Granada school, $31,000. Bids will be received separately for the three schools and for general contract, plumbing and heating. Allison & Allison, 1405 Hibernian Bldg., archts.

WHITTIER, L. A. Co., Cal.—Archt. J. A. Larralde, 1400 Stock Exchange Bldg., is preparing plans for a grammar school bldg. to be erected at the Mill District school site, near Whittier, for the Mill District school board. It will have an auditorium to seat about 300 people and 4 classrms. Brick walls, 1-story, tile rfg., pine fls., gas steam rads., pine trim, bonds to the amount of $42,000 have been voted.

EUREKA, Humboldt Co., Cal.—Until May 10, 8 p. m., bids will be rec. by Ernest M. McKee, clerk, McKee School District, to grade site and erect 2-room and basement frame school. Newton Ackerman, architect, 430 H St., Eureka. Cert. check 5% payable to Pres. of Bd. of Trustees of Dist. req. Plans obtainable from architect on deposit of $10, returnable.

SPARKS, Nevada—E. K. Fowler, Reno, at approx. $84,000 submits low bid to Sparks School District to erect junior high school. Other bids ranged as high as $96,000. The bids were rejected and plans will be revised to bring the cost of the structure within the amount available for construction. Bonds of $125,000 were voted by the district but from this amount funds must be allowed for a new grammar school in Deer Park. F. J. DeLongchamps, architect, Gazette Bldg., Reno, Nevada.

SAN BERNARDINO, San Bernardino Co., Cal.—George Herz & Co., San Bernardino, was awarded contr. for general work for the new junior high school at $151,179. Howard E. Jones, 445 4th St., archt., and De Witt Mitcham, supervising archt. This action taken by the board of education Saturday, April 26.

LOS ANGELES, Cal.—John B. Dawson, 500 Fay Bldg., was awarded the general contract at $56,150 for erecting a new bldg. at Cornwell St. school site. Russell & Alpaugh, 1106 Story Bldg., archts. Other contracts were awarded as follows: Plumbing and heating to Stoneman & Walker at $4,323 and $6322.74, respectively; painting to Parker-Judge Co. at $1314; and wiring to American Electric Constr. Co. at $947.60.

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Paints, Waxes, Dyes, Polishes
2886 16th St. San Francisco

SANTA ROSA, Sonoma Co., Cal. — Until May 10, 8 p. m., bids will be rec. by Sara N. Hatch, clerk, Board of Education, for various parts of work in connection with new high school, now under construction. Segregated bids are desired for (1) special fixtures and furniture; (2) stage curtain; (3) stage equipment (4) cafeteria kitchen equipment; (5) steel lockers; (6) program clock system; (7) special decorating owrk; (8) electric fixtures. Plans obtainable from Architect W. H. Weeks, 369 Pine St., San Francisco or from W. Herbert, architect, Rosenberg Bldg., Santa Rosa. Cert. check 5% payable to clerk req. **See call for bids under official proposal section in this issue.**

PHOENIX, Maricopa Co., Ariz.—Bids will be called for shortly for a parochial school to be erected at Third and Polk Sts. for St. Mary's parish. Cost, about $135,000. Lescher & Mahoney, Bank of Arizona Bldg., Phoenix, architects.

MAYWOOD, L. A. Co., Cal.—Pierson & Johnson, 139 S Pine St., bell, were awarded the general contract at $28,595 for erecting a 4-room and auditorium addition to the Lincoln school bldg. at Maywood. Heating was let to Potter Radiator Corp. at $1016; wiring to F. R. Cronenberger at $2067. and painting to R. E. Swan, at $1140. Plumbing was held under advisement. Norman F. Marsh, 211 Broadway Central Bldg., archt. The bids were: General contract—Pierson & Johnson, $28,595; W. M. Bell, $29,666; Gene B. Foster, $31,891; Fred Walsh, $32,678; Jones Bros., $33,911; John Simpson & Co., $34,887; G. Hanson & Sons, $43,317. Plumbing—Ora King, $2204; Fosberg Co., $2335; Lohman Bros., $2514; W. H. Robinson, $2525. Heating—Pacific Gas Radiator Co., $987; Potter Radiator Corp., $1016. Wiring—F. R. Cronenberger, $2067; Electric Lighting Supply Co $2100; Woodill-Patterson Co., $2273; S. & H. Service Electric Co., $2499; Newbery Electric Corp., $2517. Painting — R. E. Swan, $1140; Parker-Judge Co., $1229; Arenz-Warren Co., $1297; Alhambra Wall paper & Paint Co., $1557; G. C. Hewitt, $2070.

BANKS, STORES & OFFICES

Contract Awarded.
STORE BLDG. Cost, $10,000
OAKLAND, Foothill Boulevard and Seminary Ave.
One-story brick store building (designed for 2-story building).
Owner—Withheld.
Architect—L. H. Ford, East Bay Planners, 306 14th St., Oakland.
Contractor—Fred Peters, 184 Ridgeway Ave., Oakland.

Contract Awarded.
STORES & LOFTS Cost, $27,000
SAN FRANCISCO, W Mission 60 N 16th.
Two-story concrete and hollow tile stores and lofts.
Owner—Good Will Industries Inc., 1980 Mission St., San Francisco.
Designer—J. H. McFarland, 830 Post St. San Francisco.
Contractor—J. H. McFarland, 830 Post St., San Francisco.

Sketches Being Prepared.
BANK ETC. $1,000,000 approx.
OAKLAND, Alameda Co., Cal., Broadway and 14th St.
Class A Bank and office bldg. (height not decided).
Owner—Central National Bank.
Architect—Geo. Wm. Kelham, Sharon Bldg., San Francisco.

Contract Awarded.
STORE BLDG. Cost, $20,000
BURLINGAME
One-story reinforced concrete store building.
Owner—J. E. Casey.
Architect—Kuhn & Edwards, Commercial bldg., San Francisco.
Contractor—Thomas J. Broderick, 1528 Cypress St., Burlingame.

Sketches Being Prepared.
BANK & STORES Cost, $14,000
BERKELEY, West Berkeley.
One-story bank building and stores.
Owner—Withheld.
Architect—Louis M. Upton, 454 Montgomery St., San Francisco.

Contract Awarded.
OFFICE & LOFT Cost, $175,000
SAN FRANCISCO, Mission and Julia Sts bet. 7th and 8th Sts.
Four-story, basement and mezzanine reinforced concrete office and loft building.
Owner—United Holding Co.
Designer — Wallace A. Stephen, 251 Kearny St., San Francisco.
Contractor—J. L. McLaughlin Co.

Sub-contracts Awarded.
ALTERATIONS Cost, $——
SAN FRANCISC. No. 68 Post St.
Alterations.
Owner—Foxcroft Building.
Architect—Albert Farr, 68 Post St., San Francisco.
Roofing awarded to Alto Roofing Co., 221 Oak St.
Tile to Rigney Tile Co., 180 Jessie St.
Electrical work to Victor Lemoge, 152 Fourth St.
Marble to Vermont Marble Co., 244 Brannan St.
Plumbing to J. J. McLeod, 1246 Golden Gate Ave.
Windows to U. S. Metal Products Co., 330 10th St.

Sub-Contracts Awarded.
STORE & OFFICE Cost, $300,000
SAN FRANCISCO, N Market bet. Kearny and Montgomery Sts.
Four-story class A store and office building with terra cotta exterior.
Owner — Crocker Estate Co., Crocker Bldg., San Francisco.
Architect — Lewis P. Hobart, Crocker bldg., San Francisco.
Contractor — Dinwiddie Constr. Co., Crocker Bldg., San Francisco.
Engineer—T. Ronneberg, Crocker Bldg San Francisco.
The steel contract has been awarded to the California Steel Co.
Heating awarded to J. E. O'Mara, 218 Clara St., San Francisco.
Electrical work to Globe Electric Co., 1595 Mission St., San Francisco.
Elevators to Otis Elevator Co., Stockton and Northpoint Sts., S. F.
Plumbing to W. A. Picard.

Contract Awarded.
STORE & OFFICE Cost, $17,985
WOODLAND, Yolo Co., Cal.
Two-story and basement reinforced concrete store and office bldg.
Owner—Fitch's (General Mdse. Store)
Architect — Dean & Dean, California Life Bldg., Sacramento.
Contractor—J. G. Montroni, Woodland, California.

Figures To Be Taken Next Week.
ALTERATIONS Cost, $15,000
SAN FRANCISCO, Market St. between 3rd and 4th Sts.
Alterations to Pershing Market.
Owner—Elmer S. Ekbom, 311 4th St., San Francisco.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.

Plans Being Prepared.
BRICK STORE. Cost, $15,000
FRESNO, Fresno Co., Cal.
One-story brick store (auto tire agcy.) 50 x 150. Brick exterior finish, composition roof.
Owner—Iverson and Carlton.
Architect—Swartz and Ryland, Rowell Bldg., Fresno, Cal.

Contract To Be Awarded.
STORE BLDG. Cost, $35,000
One-story concrete or tile store bldg. (5 stores).
Owner — L. Kalisky and Associates, Alameda, Cal.
Architect—A. A. Cantin, 727 Foxcroft Bldg., San Francisco.
Conrad Roth will probably be awarded the general contract.

DOS PALOS, Merced Co., Cal.—Until May 5, 2 p. m., bids will be rec. by Frank B. Marks, clerk, Dos Palos Junior High School District, to erect new junior high school. W. E. Bedesen, engineer, Shaffer Bldg., Merced. Segregated bids are wanted for (1) Excavation, concrete work, carpenter work, iron work, masonry, etc. (2) sheet metal work and plumbing; (3) composition and tile roofing; (4) plastering; (5) painting; (6) electrical work. Cert. check 10% payable to clerk req. Plans obtainable from engineer on deposit of $20, returnable. **See call for bids under official proposal section in this issue.**

PORTLAND, Ore.—A. M. Bedell, of Bedell Co., New York, is in Portland, and announces early construction is planned by his company on a 12-story fireproof department store and office structure on the site owned by the company at n.e. corner of 6th and Alder Sts. Site is 100 by 100 ft. Lower six floors will be occupied by the owners, the upper floors to be leased for offices. A Portland architect will prepare the plans.

LOS ANGELES, Cal. — Archt. Fred Dorn, 525 Marsh-Strong Bldg., is revising plans for a store, school and garage bldg. to be erected on 6th St. bet. Rampart Blvd. and Benton Way for the Rampart Blvd. Co.; it will have 16 stores and garage on first fl. and business on second. Brick walls, 2-story 207x142 ft., the garage will be 1-story 80x151 ft., brick walls, plaster exter., art stone trim, cement and hardw. fls., plate glass, wood roof trusses, struc. steel, gas htg., water htr., metal skylights, steel sash, etc.

R. W. MOLLER

General Contractor

Office 630, 632 Call Bldg. Phone Sutter 5228

Now building the College of Pacific at Stockton

PORTLAND, Ore.—Hurley Mason Co., Gasco Bldg., Portland, at approx. $250,000 awarded contract to erect 3-story and basement reinforced concrete office building at n.e. Broadway and Oak Sts., for Western Bond and Mortgage Co. Carl L. Linde, architect, Artisans Bldg., Portland.

HUNTINGTON PARK, L. A. Co., Cal.—Archt. A. S. Heineman, 831 San Fernando Bldg., is preparing plans for a bank and office bldg. to be erected at s.e. cor. Clarendon and Pacific Blvd., Huntington Park, for the Hellman Commercial Trust and Savings Bank; the first floor will have banking space and several stores and there will be about 45 offices in upper fls. Brick walls, 3-story 33x150 ft., comp. rfg., press. brick facing, art stone trim, plate glass, struc. steel, cement, tile and hardw. fls., elevator, vault and vault door, etc.

LOS ANGELES, Cal.—Archts. Curlett & Beelman, 408 Union Bank Bldg., have completed plans for a 12-story and basement class A store and office bldg. to be erected at s.w. cor. of 7th and Flower Sts. for the Sun Realty Co. Dimensions, 107x157 ft., with main entrance on 7th St. and a side entrance on Flower St.; 13 stores in first story, 30 offices on each of the upper fls.; steel frame construction, terra cotta facing, plate glass windows, marble and tile work, mahogany interior trim, steam htg., 5 passenger elevators, freight elevator, steel sash; $1,350,000. Bids will be taken this week.

LOS ANGELES, Cal.—Wm. Simpson Constr. Co., Bank of Italy Bldg., has the contract on a percentage basis for altering the first story of the Toberman Bldg. at n.e. cor. of Hollywood Blvd. and Highland Ave. for the Federal Trust & Savings Bank. Morgan, Walls & Clements, 1124 Van Nuys Bldg archts. Work will include new terra cotta front, plate glass windows, marble fls., marble wrought iron and cast iron bank fixtures, hardwd. finish, safety deposit dept. in the basement, etc.; $150,000.

YUMA, Yuma Co., Cal.—Archts. Lescher & Mahoney, Phoenix, Ariz., are preparing plans for a 2-story and part basement bank, store and office bldg. to be erected in Yuma for the Yuma National Bank. The basement will have banking room and three stores, second floor 20 rms. Est. cost $75,000.

BEVERLY HILLS, L. A. Co., Cal. — Christ Thoren, 6764½ Hawthorne Ave., has the contract to erect a 1-sto brick store bldg. on Wilshire Blvd., Beverly Hills, for Walter G. McCarty. Walker & Eisen, 701 Great Republic Life Bldg., archts. The bldg. is designed for 6 stories with apartments in the upper stories. The first unit will be 60x200 ft., with wing 50x110 ft., it will contain 14 stores; brick walls, reinf. concrete columns, terra cotta facing, plate glass windows, comp. rfg., metal skylights, pine trim, cement flrs.; $130,000.

GARDENA, Los Angeles Co., Cal.—Rinnert & Trozier, Gardena, have been awarded the contract at about $40,000 to erect a bank and office building at Gardena for the First National Bank of Gardena. It will have banking space on first floor with office suites on second. Richard D. King, 519 Van Nuys Bldg., and Frank M. Goodwin, Compton, associate architects. Dimensions, 50x80 feet, brick walls, 2-story and basement, pressed brick facing, terra cotta trim, cement, pine, tile and hardwood floors, plate glass, structural steel, gas heating system, metal skylights, steel sash, reinforced concrete vault and door.

SAN PEDRO, Los Angeles Co., Cal.—Architect Rudolph Falkenrath, 202 Detwiler Bldg., is preparing plans for a Class C store and hotel building to be erected at the corner of Tenth St. and Pacific Ave., San Pedro, for A. J. Glover. It will have 5 stores on the first floor and 24 rooms on second. Pressed brick facing, 2-story, composition roofing, plate glass, cement and pine and hardwood floors, gas rads. unit water heater, tile store entrances, marble bulkheads, pine trim, metal store fronts.

THEATRES

Figures Being Taken.
REMODELING Cost, $15,000
BERKELEY, College & Ashby.
Extensive remodeling.
Owner—Strand Theatre, Berkeley.
Architect—Mark T. Jorgensen, 110 Sutter St., San Francisco.

Sub-Figures To Be Taken Shortly.
BRICK THEATRE. Cost, $100,000
SACRAMENTO, Oak Park.
Brick Theatre, 4 stores and 4 offices, 1500 seating capacity.
Owner—Withheld.
Architect—Mark T. Jorgensen, 110 Sutter St., San Francisco.
McGillivray Construction Co. will be taking sub-figures shortly.

Contract Let.
THEATRE. Cost, $75,000
SAN LEANDRO, Alameda Co., Cal.
Class "C" theatre and stores.
Owner—Fred Schmitt, San Leandro, Cal.
Architect—E. P. Whitman, Hayward, Cal.
Contractor—Geo. Peterson, San Leandro, Cal.
Structure will be leased to Ackerman and Harris of San Francisco and Oakland.

ALHAMBRA, L. A. Co., Cal.—Archt. Loy L. Smith, 218 Byrne Bldg., L. A., has completed plans for a class C movie theatre bldg. to be erected at 1721 W Main St., Alhambra, for Clementena Rickman. It will be known as the Indian Theatre and will have a seating capacity of 1300 people, foyer, lobby and court entrance. Brick walls, 90x200 ft., 1-story and part basement, plaster exter., tile and comp. rfg., cement and tile fls., gas htg., vtg. sys., plate glass, struc. steel, asbestos curtain, staff work, mural decorations.

SAN FERNANDO, L. A .Co., Cal. — The San Fernando Theater and Imp. Co. has been organized with a capital of $50,000. The company has purchased the Presbyterian church property on Maclay Ave. bet. Second and Third Sts. as site for a modern motion picture theater, for which plans are being prepared. The work will start within 60 days. Los Angeles theater men have leased the bldg. The company was organized by Judge Schwinger.

SAN FERNANDO, L. A. Co., Cal. — A. G. Bailey, 410 Junior Orpheum Bldg., has completed preliminary plans for a movie theater to be erected at 743-45 Porter Ave., San Bernando, for the San Fernando Theater and Holding Co., Inc.; it will have a seating capacity of 1000 People, there will be office suites on second floor and 2 stores on first. Brick walls, 75x130 ft., tile and comp. rfg., cement and pine fls., plate glass, reinf. conc. work, struc. steel, press. brick facing, marquise canopy, lobby. pipe organ, etc.

LOS ANGELES, Cal.—Archt. G. Albert Landsburgh, 700 Junior Orpheum Bldg., is preparing plans for a class A theater and loft bldg. to be erected at 838 A Broadway, for the Broadway Properties Co., Joe Toplitzky, agent; there will be a theater with balcony to seat 2400 people, the front section of the bldg. will be 13-story and will contain lofts. Dimensions, 138x148 ft., the theater will be of steel frame construction and the loft section will be of reinf. conc., press. brick and terra cotta facing, 4 elec. elevators, basement steam heating system, comp. rfg., plate glass, cem., hardwd. and tile fls., steel sash, pine and hardwd. trim, tiled toilets; $1,000,000.

WHARVES & DOCKS

SAN FRANCISCO—Until May 8, 2 p. m. bids will be rec. by State Board of Harbor Commissioners, Ferry Bldg., to alter and repair Pier No. 41. Materials required in the work include creosoted piles, steel rails and fittings, Douglas fir lumber, creosote Douglas fir lumber, castings, structural steel, rods, bolts, spikes, ties, paint materials etc. Creosoted piles will be furnished to contractor by state; steel rails and fittings, including rail spikes will be furnished and laid by state. Frank G. White, ch. eng. for commission. **See call for bids under official proposal section in this issue.**

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded.
BATH HOUSE ETC. Cost, $60,000
CAPITOLA, Sant aClara Co., Cal.
One-story reinforced concrete bath house & swimming tank (tile lining, etc.)
Owner—Company now being formed.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—C. T. Baird, Los Gatos.

Bids Opened.
TERMINAL BLDG. Cost, $65,000
SACRAMENTO, 11th, 12th H & I Sts.
Two-story brick class C R.R. Terminal bldg. (brick exterior, marble and tile work.)
Owner—Bisbee Inv. Co.
Architect — Woollett & Lamb, Hagelstein Bldg., Sacramento.

General Contract

Geo. D. Hudnutt, Calif. Fruit Bldg., Sacramento	$52,713
Wm. Murcell	54,500
F. H. Betz	55,166
Herndon & Finnigan	55,970
Larson & Siegrist	57,500
Holdener Const. Co.	58,160
Campbell Const. Co.	58,309

Plumbing

Stark Lyman & Stack	$4365
Hateley & Hateley	4500
Luppen & Hawley	4549
Latourrette-Fical Co.	4740

Heating

Luppen & Hawley, 906 7th St., Sacramento	$4900
Hateley & Hateley	5150
Latourrette-Fical Co.	5370

SAN FRANCISCO—The Board of Supervisors has voted $100,000 to finance improvement of the Marina and the erection of a large exhibition palace to house livestock and industrial shows.

SACRAMENTO-SAN JOAQUIN COUNTIES, Cal.—Until May 26, 2 P. M., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to re-floor and paint a bridge over Dry Creek near Galt. Structure consists of 9 steel spans of 80-ft. each. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

SAN BERNARDINO, San Bernardino Co., Cal.—Archt. De Witt Mitcham has offered his services gratuitously to the directors of the Orange Show Assn. in the preparation of plans for a permanent bldg. to house the exhibits and yearly show. Two types of bldgs. are to be designed, one a frame bldg., the other a steel or conc. structure. A bond issue of $125,000 has been authorized.

SANTA BARBARA, Santa Barbara Co., Cal.—Local high school trustees are planning to erect a $25,000 athletic stadium with a seating capacity of 3000.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 818 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

8174—Sweden. Business firm desires to make a connection with San Francisco manufacturers of radio apparatus and supplies.

D-1215—Bay City, Mich. Firm looking for wide-awake manufacturer's agent to handle line of electric welding machines.

Leads for Business

IRON AND STEEL—Lehigh Structural Steel Co. (Allentown, Penn.) 637 Mission.
LADIES' APPAREL — The Fair (Mrs. C. M. Williams), 2079 Union.
M. C. Holman, Commercial Bldg.
LAUNDRY — Haight St. Laundry, 471 Haight.
Yee Kink, 3 Meacham.
MFRS. AGENTS—A. I. Anderson, Sharon Bldg.
MARINE SURVEYORS—W. H. Stewart, St. Clair Bldg.
MINING — Gold Knoll Mining Co., Hearst Bldg.
MUSIC—Quality Music Co., Pantafes Building.
PAINTING—Johnson Bros., 190 Gough.
PAINTS—Pearson Paint & Varnish Co., 1285 Folsom.
PHOTOGRAPHERS — Whitney Studio 1097 Market.
PLUMBING—W. H. Buick, 311 Cornwall.
Somerton & Carlson, 2006 Union.
POULTRY—L. Ringel, 1642 Eddy.
RADIO—Lambert Day, Williams Bldg.
REAL ESTATE—Harper & Co., Clunie Bldg.
A. J. Dennenwaldt, 2198 Filbert.
A. G. Blotcky, 1143 Market.
RESTAURANTS — College Lunch, 96 Judah.
RESTAURANTS — J. W. Sauer, 1259 Polk.
A. Toffoli and L. Joggio buying Dalmatia Restaurant, 2014 Grant Ave.
The Barbecue, 38 Mason.
John Villa, 398 7th.
RUBBER—Essex Rubber Co., 205 Tehama.
SAND BLAST EQUIPMENT—Panghorn Corp. (Bagerstown, Md) 587 2nd.
SOAP & CLEANERS—Colombia Soap & Chemical Works, 285 9th.
STATIONERS — W. J. Schmidt, 2824 California.
SURGICAL SUPPLIES—California Surgical Appliance Co., 175 Valencia.
TAILORS—Erv's, 431 Jones.
I. Malinger, 265 Lagnna.
Harris, 1863 Fillmore.
THEATRICAL BOOKERS — MacQuarrie Amusement Agent, Commercial Bldg.
TRUNKS AND LUGGAGE — Sturdi-Trunk Mfg. Co., 1234 Jackson.
VALVES — Homestead Valve Mfg. Co. (Homestead, Pa.), 700 2nd.
WALL PAPER — Pan American Wall Paper & Paint Co., 981 Mission.
WHEEL CHAIRS—Colson Co. of Pacific, 542 Rialto Bldg.

MISCELLANEOUS—Chinda V. Stephen, 916 Phelan Bldg.
H. C. Hopkins, 323 Phelan Bldg.
Western Squab Breeders Assn., 323 Washington.
H. E. Lelands, 320 Market.
Builders Service & Supply Co. (Argall Bros.), Sharon Bldg.
J. C. Hyde and Capt. H. A. Hyde, Marvin Bldg.
ADDRESS WANTED — Safety First Tire and Tube Patch.
ART STORE—Palet Art Shop, 743 Larkin.
ATTORNEYS — J. G. Vivens, United Bank Bldg.
AUTOMOTIVE—Guarantee Auto Sales Co., 445 Golden Gate Ave.
W. G. Miller, 4737 Geary.
Otto Baner (radiator and fender work), 1315 Howard.
BAKERIES — Chatterton Bakery, branch 40 Market.
Golden Crescent Cookie Co., 442 Castro.
BARBERS—Joe Secondo, 2991 16th.
Clement Barber Shop (A. V. Rivielle) 610 Clement.
BEAUTY PARLORS — Lady Gatha Beauty Shop, 2433 Clement.
Claudine Beauty Shop, 2285 Union.
BROKERS — Krupp & Fournier, 616 Phelan Bldg.
R. L. Cunningham, Dollar Bldg.
CHECKS AND SHIPPING TAGS—Haywood Tag Co. (Lafayette, Ind.), 821 Market.
CLEANING & DYEING—Tony De Rosa 1463 Powell.
S & M Cleaners, 1744 Haight.
DENTISTS — Dr. Jas. Floming (1026 Market) 3320 Mission.
ELECTRICAL—Cline Electric Mfg. Co. (A. H. Parks), 1 Montgomery.
Delta Star Electric Co., 193 2nd.
ENGINEERS—C. H. West and R. D. Pike (chemical), 582 Market.
FLOORING—J. J. McKinnon, 431 Fulton.
FLOUR MILLS—Alco Flour Co., 215 Market.
FURNITURE — Brown Disappearing Bed Co. (M. I. Dow), 760 Market.
GROCERS—S. M. Lea Jr., 1224 47th Ave
A Nan, 200 Plymouth.
INSURANCE—H. B. Johnson, 332 Pine.
LEASES—April 14, 1924—Joseph Affolter to Frederick and Maud Weisgerber—SE cor. 3rd and Minna Nos 137-137½ 3rd St 3 yrs $8280.
April —, 24—Otto Falk and Hugo L. Falk as Falk Bros. to John E Hale—178 Broad St 4 yrs 6 mos $20 per mo. etc.
Mar 27, 24—Harriet and Charles Tregaskis to Frances Burns—2170 Post St N side Post bet Pierce and Scott 3 yrs $50 per mo.
April 23, 24—S H and Sophia Nicholas to Mae C Donovan—Estelle Apts 335 Eddy St 6 yrs $14,976.
Mar 1, 24—Mina E Lewelling to Yee Wah—S Tehama 180 NE 3rd NE 25 x SE 80 6 yrs $55 per mo etc.
Nov. 9, 23—F von Forstel to J Whitelaw—898 Mission St NE cor 5th and Mission Sts 40 mos $3975.
Nov. 21, 23—Louis Abraham to Margaret D Christensen—1664-1666 Clay St 6 yrs $11.250 .
April 21, 24—Bertha Coope to Henry H and Effie M Beden—W 4th bet Howard and Folsom No 284 4th St 4 yrs $8400. Chattel mtge to secure same.
Jan. 9, 24—Alexander Coleman to eNil P Walters—N Ellis bet. Polk & Larkin No. 750 Ellis St. 5 yrs $3900
Sept 29, 23—Charles A Johnson to T A Kirwin—SW Jones and Sacramento S alg W Jones 97-6 W 69-9 N 26 E 0-6 N 71-6 to S Sacramento E 69-3 to W Jones & pt of beg ptn 50v 247 10 yrs $2034 per mo.
LEASES—Nov. 8, 1923—H F and Mary Constance Ramacciotti to Charles N Vervier—W Jones 77-6 N Turk No 233 Jones st 3 yrs $3600.
April 24, 24—Jennie Crocker Whitman to Autocar Sales & Service Company—NE 1st 187-6 SE Mission SE 87-6 x NE 275 to SW Fremont 1 yr $8400.
May —, 24—Mary Cohen to Samuel & Annie Applebaum—1276 N side Golden Gate ave bet Fillmore & Webster Sts 36 mos $1560.
April 25, 24—Louis Abrams to J J and Nora Flynn—S Howard 135 W 3rd 40 x 80 Ohio Hotel 723B Howard St 5 yrs $180 per mo.
ATTORNEYS—C. R. Hoffman, 260 California.
AUTOMOTIVE—Gray Motor Corp. (Joe Holle, Sales Rep.), 2381 Folsom.
BROKERS—M. J. Powell and B. J. McCarthy (mdse.), Hansford Blk. to 423 Jackson.
CANDY—Pekramen Bros., 634 Clement.
Mrs. L. A. W. Sherwood, 1028 Potrero Avenue.
CANVAS GOODS—Sun Tent & Awning Co. to 55 Washington.

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Official Proposals

NOTICE TO BIDDERS

(City of Eureka—2-in. Pipe)

Sealed proposals or Bids are hereby invited by the City of Eureka for furnishing Twelve Thousand Five Hundred Lineal Feet (12,500) of Two Inch Standard Black Pipe random lengths for use by the Water Department of Eureka, F. O. B. Dock, Eureka, California.

Delivery to be made within sixty days after award of contract. The said Bids will be received in a sealed envelope marked Bids for two inch Pipe at the Office of the Superintendent of Public Works of the City of Eureka, California, up to the hour of **5 P. M., Tuesday, May 6, 1924.**

Bids will be opened by the City Council of the City of Eureka at 8 o'clock P. M. on the sixth day of May, 1924. The right is reserved to reject any or all Bids.

Dated April 23, 1924.

JOHN GRIFFITH,
Superintendent of Public Works of the City of Eureka.

NOTICE TO BIDDERS

(City of Eureka—Pipe)

Sealed proposals or Bids are hereby invited by the City of Eureka for furnishing One Thousand Lineal feet (1000) of eight inch (8) Class B Cast Iron Pipe with prepared Joints for use by the Eureka Water Department of of Eureka F. O. B. Dock Eureka, California.

Delivery to be made within Sixty Days after award of contract. The said Bids will be received in a sealed envelope marked Bids for eight inch Class B Cast Iron Pipe at the office of the Superintendent of Public Works of the City of Eureka at 524 D Street, Eureka, California, up to the hour of **5 P. M., Tuesday, May 6, 1924.** Bids will be opened by the City Council of the City of Eureka at 8 o'clock P. M. on the sixth day of May, 1924. The right is reserved to reject any or all Bids.

Dated April 23, 1924.

JOHN GRIFFITH,
Superintendent of Public Works of the City of Eureka.

NOTICE TO CONTRACTORS

(Austin-West Forest Highway)

Sealed proposals for constructing the above named National Forest Highway located partly within the Toiyabe National Forest, County of Lander, State of Nevada, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 400 Bay Building, 9 Main Street, San Francisco, California, until **9 A. M., on the 28th day of May, 1924,** at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids and none will be considered except those from the contractors ascertained to be experienced and responsible.

The project to be constructed ends about 11 miles west of Austin. Its length is 10.64 miles and the principal items of work are approximately as follows:

Excavation unclassified, 63,024 cu. yds.
Corrugated metal pipe, 896 lin. ft.
Class C concrete, 128 cu. yds.
Surfacing, 8726 cu. yds.
Timber trestle bridge, 22.2 M B M.
Timber piles, 800 lin. ft.
Asphalt wearing surface, 266 sq. yds.

Construction shall be started within fifteen (15) days after notice so to start has been given the contractor by the District Engineer, and shall be completed within the time mentioned in the Special Provisions.

The contract form, maps, plans and specifications may be examined by responsible contractors at the following addresses:

400 Bay Building, 9 Main St., San Francisco, Calif.
Forest Supervisor, Austin, Nevada.
State Highway Engineer, Carson City, Nevada.
District Engineer, Bureau of Public Roads, Keisel Bldg., Ogden, Utah.

The Bureau of Public Roads will furnish corrugated metal culvert pipe at Austin, Nevada. The Bureau has also available for loan to contractors on a rental basis equipment at Government Island, Oakland, California, as listed in the specifications. Some similar equipment is available at Ogden, Utah. Bidder will state in his bid the Government equipment that he will use during construction and the minimum time required. The estimated rentals will be taken into consideration and award will be made on the bid to the best advantage of the Government. Government explosives are available according to the terms of the specifications.

Plans and specifications will be furnished contractors who contemplate bidding, upon deposit of a check for $10.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications above referred to.

C. H. SWEETSER,
District Engineer.

NOTICE TO CONTRACTORS

(State Reclamation Board—Bridges)

Sealed bids will be received **up to 11 o'clock A. M., on Monday, May 26, 1924,** at Room 835 Forum Bldg., Sacramento, California, and then publicly opened by The Reclamation Board, for the construction of six timber highway bridges across the borrow pits of the East and West Levees of the Sutter By-pass and the North and Sotuh Levees of the Tisdale By-pass, in Sutter County, California.

The aggregate length of the six bridges is 949 feet and the width 18 feet. They consist of an aggragate of 55 fixed spans of 17 and 19 feet each, supported by 4-pile bents. The principal material item is approximately 144,000 feet of No. 1 Common Oregon Pine. The piles shall be creosoted.

Payment will be made either in cash or warrants of the Sacramento and San Joaquin Drainage District against Sutter Butte By-pass Project No. 6 as determined by the Board upon award of contract. Bidder will state his price for each separate bridge, both in cash and in warrants, and accompany his bid with a certified check in the amount of ten per cent (10%) of his total cash bid. Contractors may bid on single bridges or on all bridges.

Work must be commenced within 30 days after award of contract and completed within 60 days thereafter.

For specifications and further information, apply to The Reclamation Board.

The Board reserves the right to rtject any and all bids.

THE RECLAMATION BOARD.
By F. R. Pierce, Assictant Secretary.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

NOTICE TO CONTRACTORS

(Hanford Grammar School District)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Hanford Grammar School District, Kings County, State of California, in the present Central Grammar School Building in Hanford, at 5 p. m. on the 26th of May, 1924, for the following work in connection with the new Grammar School Building, to be erected in the City of Hanford, California, according to plans and specifications prepared for the same by W. H. Weeks, architect.

Bids will be received as follows:

The General Contract with its alternate propositions.
Blackboards.
Window Shades and Linoleum.
Heating and Ventilating.
Plumbing.

Plans and specifications may be seen at the office of the architect, W. H. Weeks, 369 Pine Street, San Francisco, California, or at the office of the principal of the Grammar School in Hanford, California, Central Grammar School Building.

All bids should be presented on bid forms furnished by the architect. Each bid must be accompanied by a certified check on some responsible California bank in a sum not less than Five Per Cent (5%) of the amount bid, made payable to President of the Board of Trustees of the Hanford Grammar School District, for the purpose stated in specifications.

Each bid must be delivered in sealed envelope and addressed to C. E. Denham, Clerk of the Board of Trustees, and endorsed:

"PROPOSAL FOR NEW GRAMMAR SCHOOL BUILDING."

The Board reserves the right to reject any and all bids.

E. R. NASH,
President of the Board of Trustees, of the Hanford Grammar School District, Hanford, California.

NOTICE TO CONTRACTORS

(Pier No. 41—State Board of Harbor Commissioners)

Office of the Board of State Harbor Commissioners, Union Depot and Ferry House, San Francisco, California, April 28, 1924.

Sealed proposals or bids will be received at this office at or prior to **2 o'clock P. M., Thursday, May 8, 1924,** for furnishing materials and making alterations and repairs to Pier 41, on the waterfront of the City and County of San Francisco, in accordance with the plans and specifications prepared therefor by the Chief Engineer of the Board and adopted by the Board April 24, 1924, and on file in this office, to which special reference is hereby made.

The materials to be used in this work shall consist of the requisite quantities of creosoted piles, steel rails and fittings (all of which will be furnished to the contractor by the Board), Douglas fir lumber, creosote Douglas fir lumber, castings, structural steel, rods, bolts, spikes, ties, paint materials, etc. Creosoted piles will be furnished to the contractor by the Board; steel rails and fittings, including rail spikes, will be furnished and laid by the Board. All other materials shown on the plans or called for in these specifications shall be furnished by the contractor.

All materials used must be of the best of their respective kinds if not especially specified herein. All materials used in the structure will be subjected to a rigid examination and test, and if found defective, under size, unsuitable, or not as specified, will be condemned and must be immediately removed from the work by

the contractor at his expense. Materials may be rejected at any time for defects which may be disclosed, or which may develop in the course of the work, notwithstanding any previous test or inspection, and removed by the contractor as indicated above.

No bid will be received unless it is made on a blank form furnished from this office and is accompanied by a certified check for an amount equal to five (5) per cent of the amount of the proposal, to be made payable to the Secretary of the Board, condtioned that if the proposal is accepted and the contract awarded, and if the bidder shall fail or neglect to execute a contract and give the bond required within six (6) days after the award is made, in that case the said sum mentioned in said check shall be deemed liquidated damages for such failure and neglect, and shall be paid into the San Francisco Harbor Improvement Fund.

The contractor shall be required to give a bond unto the Board of State Harbor Commissioners for not less than one-half of the total amount payable by the terms of the contract, with a corporation, thereunto duly authorized by law and commonly known as a surety company, as surety (such surety company to be one of those approved by the State Board of Control, a list of these approved surety companies being on file in the office of the Secretary), and conditioned for the faithful performance by the contractor of all the terms and conditions of said contract according to the true intent and meaning thereof. Said bond shall also provide that if the contractor, person, company or corporation to whom said contract is awarded, fails to pay for any materials or supplies furnished for the performance of the work contracted to be done or for any work or labor done thereon of any kind, said surety will pay the same in an amount not exceeding the sum specified in said bond; and said bond shall also be made to inure to the benefits of material men, mechanics and laborers as provided by that certain act of the Legislature of the State of California, approved May 1, 1911, (Stats. 1911, p. 1422). Said bond must be accepted to and approved by said Board both as to surety and form.

Bids will not be considered by the Board unless delivered to the Secretary or to the Assistant Secretary at the office of the Secretary, Room No. 17, Union Depot and Ferry House, at or prior to 2 o'clock P. M. on Thursday, May 8, 1924, at which time and place the bids will be opened.

The Board reserves the right to reject any or all bids if deemed for the best interests of the State.

Bidders are invited to be present at the opening of the bids.

Plans and specifications for the work to be had at Room 18, Union Depot and Ferry House, upon depositing $10.00 for same, which will be returned on return of plans and specifications.

Bidders are requested to mark envelope containing bid: "Bid for Alterations and Repairs to Pier 41."

CHAS. H. SPEAR,
M. F. COCHRANE,
JOHN B. SANFORD,
Board of State Harbor Commissioners.
FRANK G. WHITE,
City Engineer.

J. L. PHELPS, Secretary.

NOTICE TO CONTRACTORS

Dos Palos Junior High School District

The Board of Trustees of the Dos Palos Joint Union School of Merced County, California, will receive sealed proposals up until **two o'clock p. m., May 5th, 1924,** at the High School Building, Dos Palos, California, at which time and place said bids will be opened and read in public, for furnishing the required labor and material for the construction of a Junior High School Building, at Dos Palos, California, in accordance with the plans and specifications prepared therefor by W. E. Bedesen, engineer, Shaffer Building, Merced, California. Bids will be received separately for the different contracts, as follows.

Contract No. 1. Excavation, concrete work, carpenter work, iron work, masonry, etc.

Contract No. 2. Sheet metal and plumbing.

Contract No. 3. Composition and tile roofing.

Contract No. 4. Plastering.

Contract No. 5. Painting.

Contract No. 6. Electric work.

Cashier's or certified check or bidder's bond for an amount not less than 5% of the amount of the bid shall accompany each proposal, drawn to the order of Frank B. Marks, clerk of the Board of Trustees of the Dos Palos Jonit Union High School District, as a guarantee that the bidder will within ten (10) days after being notified of the acceptance of his bid, enter into a contract with said High School Trustees, in accordance therewith and shall furnish surety bonds as required by the specifications, said check or bond to be forfeited to the said High School District, should the bidder fail to execute contract and furnish bond as above mentioned.

All bids will be made on forms furnished by the engineer.

Plans and specifications for all of the above work may be seen and secured at the office of W. E. Bedesen, engineer, Shaffer Building, Merced, California.

A deposit of $20.00 will be required from all bidders receiving plans. Said deposit to be refunded when plans and specifications are returned in good condition. One complete set of plans and specifications will be on file at the Dos Palos Joint Union High School for inspection of bidders.

The said High School Board reserves the right to reject any and all bids received.

By order of the Board of Trustees of the Dos Palos Joint Union High School District, Merced County, California.

By FRANK B. MARKS, Clerk.
Dated April 15th, 1924.

STATE OF CALIFORNIA
CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, **515 Forum Building, Sacramento, Cal., until 2 o'clock p. m., May 26, 1924,** at which time they will be publicly opened and read, for construction, in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Del Norte County, a bridge across Klamath River near Requa (I-D.N.-1-A), consisting of five 210 foot reinforced concrete arch spans and two 50-foot reinforced concrete approach spans.

Lassen County, between Susanville and Johnstonville (II-Las.-29-C), about four and five-tenths (4.5) miles in length to be paved with asphalt macadam.

San Mateo County, between Redwood City and Southerly Boundary (IV-S.-M.-2-B), about three and five-tenths (3.5) miles in length to be paved with asphalt concrete and widened with macadam shoulders.

Sacramento and San Joaquin Counties, across Dry Creek near Galt (X-Sac.-S.J.-4-A & D), a bridge composed of 9 steel spans at 80 feet each to be refloored and painted.

The foregoing quantities are approximate only, being given as a basis for the comparison of bids, and the California Highway Commission does not, expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work as may be deemed necessary for expedient by the said Commission.

All bids are to be compared on the basis of the State Engineer's estimate of the quantities of work to be done.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bids will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated: April 28, 1924.

NOTICE TO CONTRACTORS

(Santa Rosa High School)

Notice is hereby given that sealed bids will be received and opened by the Board of Education of the City of Santa Rosa, Sonoma County, State of California, in the present High School Annex Building in Santa Rosa, **May 10, 1924, at 8:00 o'clock P. M.,** for the installation and completion of the work listed below, in the new high school building being erected in the City of Santa Rosa, County of Sonoma, State of California, according to the plans and specifications prepared for the same by W. H. Weeks, architect. Bids will be received on work as follows:

Special fixtures and furniture.
Stage Curtain.
Stage equipment.
Cafeteria Kitchen Equipment.
Steel Lockers.
Program Clock System.
Special Decorating Work.
Electric Light Fixtures.

Plans and specifications may be seen in the office of the Architect, W. H. Weeks, 360 Pine Street, San Francisco, or at the office of W. Herbert, Architect, Rosenberg Building, Santa Rosa, California.

All bids should be presented on bid forms furnished by the architect.

Each bid must be accompanied by certified check on some responsible California bank in the sum of not less than 5 per cent of the amount bid, made payable to Sara N. Hatch, Clerk of the Board of Education of the City of Santa Rosa, for the purpose stated in the specifications.

Each bid must be inclosed in a sealed envelope addressed to Sara N. Hatch, Clerk of the Board, and endorsed "PROPOSAL FOR (name branch of work) WORK IN NEW HIGH SCHOOL BUILDING."

The Board reserves the right to reject any and all bids.

Bids must be delivered to the undersigned Clerk of the Board of Education of the City of Santa Rosa, at her office in the present High School Annex in the City of Santa Rosa, at the time and place of meeting above stated, or any time up to the hour of opening of said bids.

SARA N. HATCH,
Clerk of the Board of Education of the City of Santa Rosa.

NOTICE TO BIDDERS

(Wire Fence—Presidio, San Francisco)

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal. Sealed proposals will be received here until 11 A. M., May 16, 1924, for non-climbable wire fence at Presidio of San Francisco, Calif. Information upon application.

Engineering News Section

BRIDGES

EUREKA, Humboldt Co., Cal.—Until May 13, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to const. new highway bridge across Boulder Creek in Rd. Dist 3. Plans obtainable from County Surveyor A. J. Logan.

SANTA CRUZ, Santa Cruz Co., Cal.—Renner Foundation Co., 628 Montgomery St., San Francisco, at $12,861.20 awarded cont. by supervisors to const. steel bridge to span San Lorenzo River connecting Boulder Creek-Santa Cruz highway with Glen Arbor. Other bids: West Coast Constructing Co., $14,096; McKay Engineering Co., Los Angeles, $13,330; N. M. Theis, $13,341.22.

SANTA ROSA, Sonoma Co., Cal.—Until May 14, 1:30 P. M., bids will be rec. by W. W. Felt Jr., to const. rein. conc. bridge over Copeland creek on Hill Rd. from Santa Rosa to Pengrove, Supervisor Dist. 1, involv. 90 cu. yds. "A" conc.; 150 cu. yds. approach fills; est. cost, $2850. E. A. Peugh, county surveyor.

VENTURA, Cal.—All bids to const. culverts and bridges on 13,550 ft. of the Mathiessen Rd., in 7th Rd. Dist., rejected by supervisors April 23. There are no funds in the county treasury for this or other work owing to the demands made by the campaign against the hoof and mouth disease. G. H. Jordan, Ventura, submitted the low bid at $19,018.50, involving 16,000 cu. yds. excav. at 87c yd.; 145 cu. yds. B concr. at $22.50 yd.; 7200 lbs. reinf. steel at 8c lb.; 240 ft. 18-in. corr. iron pipe at $3.50 ft.; 24 ft. 24-in. pipe at $4.50 ft.; 52 ft. 30-in. pipe at $6 ft. Other bids were:

Blumenkranz & Vernon—$1.25 excav. $30 concr.; 7c steel; $4.50 18-in. pipe; $4.75 24-in. pipe; $5 30-in. pipe.

Williams & Singletary—80c excav.; $33 concr.; 8c steel; $3 18-in.; $3.50 24-in; $4.50 30-in.

Jas. P. Cornwall—$1.35 excav.; $26 concr.; 9c steel; $4.15 18-in.; $6.15 24-in.; $7.50 30-in.

John Short—$1.45 excav.; $26 concr.; 8.5c steel; $2.55 18-in. $2.90 24-in.; $4.60 30-in.

SACRAMENTO-SAN JOAQUIN COUNTIES, Calif.—Until May 26, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to refloor and paint a bridge over Dry Creek near Galt. Structure consists of 9 steel spans of 80-ft. each. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

CUT BANK, Montana — American Steel Bridge Co., has contract for steel and Widell & Co., Mankato, Minn., the contract to erect high bridge crossing for Great Northern R. R. on the Cut Bank river, just west of the depot. Conc. foundations, 9-ft. sq. and bet. 10 and 12-ft. high will be provided. Structure will be reinforced with approx. 450 tons of structural steel.

SALEM, Ore.—State Highway Commission has completed plans for bridge over Willamette river at Albany to replace present obsolete structure on Albany-Corvallis highway; total length 1120 ft. which includes four 200 ft. steel truss spans over river and 320 ft. of conc. approach. Will involv. approx. 4100 cu. yds. excavation, 15,000 lin. ft. wood piling, 110 pieces conc. piling, 3600 cu. yds. conc., 355,000 lbs. metal reinforcing, 1,500,000 lbs. structural steel, 2450 lin. ft. of conc. handrail. The roadway width is 26 ft. or suf- a six-foot side walk on each side. Roy ficient for three lines of traffic, with A. Klein, state highway engineer.

DEL NORTE COUNTY, Calif. Until May 26, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. bridge over Klamath River near Requa, Del Norte county, consisting of five 210-ft. rein. conc. arch spans and two 50-ft. rein. conc. approach spans. R. M. Morton, State Highway Eng. **See call for bids under official proposal section in this issue.**

CONTRA COSTA COUNTY, Calif. — As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until May 19, 2 p. m., to const. 30-ft. rein. conc. girder span bridge over Garrity creek 1-mi. west of Pinole, Contra Costa County. Project involv. removal of existing bridge; 135 cu. yds. class A cem. conc.; 185 hundredweight reinsteel; 140 cu. yds. excavation for bridge structure. R. M. Morton, state highway engineer.

SALEM, Ore.—Highway Commission has completed plans for Harrisburg bridge over Willamette river. Will be 2212 ft. which includes three 180-ft steel truss spans over main river and 1672 ft. timber trestle approach over the overflow bottom land on west side of river. Will involve approx. 3000 cu. yds. excavation; 19,000 lin. ft. wood piling; 1275 cu. yds. conc.; 105,000 lbs. metal reinforcement; 900,000 lbs. structural steel; 1675 lin. ft. trestle superstructure and 600 ft. revetment. Roadway width is 24 ft. with 5 ft. walk on one side. Roy A Klein, state highway engineer.

ARROYO GRANDE, Cal.—Proctor & Cleghorn, Santa Rosa, awarded contr. by city trustees at $18,950 to const. rein. concr. bridge. Other bids were McKay Eng. Co., Los Angeles, $19,620; Lipscomb & Dutton, San Diego, $19,628; C. D. Re ier & Son, Santa Maria, $19,863; West Coast Constr. Co., San Francisco, $19,973; C. H. Gildersleeve, Napa, $19,900.

SUTTER COUNTY, Calif.—Until May 26, 11 A. M., bids will be rec. by State Reclamation Board, F. R. Fierce, assistant secretary, to const. six timber highway bridges across borrow pits of East and West Levee of the Sutter Levees of the Tisdale By-Bass, Sutter county. Aggregate length of six bridges is 949 ft. and the width 18 ft. They consist of an aggregate of 55 fixed spans of 17 and 19 ft. each, supported by 4-pile bents. The principal material item is 144,000 ft. of No. 1 Common Oregon Pine; piles shall be creosoted. Payments will be made in cash or District warrants. **See call for bids under official proposal section in this issue.**

Carbide Flare Lights

OxyAcetyleneEquipment

Goggles—Respirators

First Aid Supplies

Carried in stock

E. D. BULLARD

565 HOWARD STREET

San Francisco, Calif.

Douglas 6320

NEWPORT BEACH, Cal.—Application has been mated to U. S. Engineers' office by the city of Newport Beach for approvl aof plans and location of a conc. bridge, 60 feet long and 28 ft. wide of 3 spans affording a miximum horizontal clearance of 19.5 feet and 5.8 feet clear height about high water; the bridge to cross the west arm of Newport Bay (old Santa Ana river) on the prolongation of the Coast Blvd., 90 ft. northwesterly of the northwest line of 45th St., Newport Beach.

LOS ANGELES, Cal.—E. G. Perham, 725-A N. Ardmore, submitted low bid to supervisors at $26,600 to construct bridge over Rio Hondo in Road Foreman Divisions 107 and 114, consisting of 860 ft. wooden trusses on creosoted piles, with wooden floor beams, and 27-ft. roadway; piles and floor beams furnished by the county. Other bids were: Lipscomb & Dutton, $27,995; McKay Engineering Co., $31,286; John Simpson & Co., $31,720; S. M. Kerns, $35,000; Mercereau Bridge & Constr. Co $35,855; W. M. Ledbetter & Co., $35,869; Davis-Heller-Pearce, $36,000; Frank H. Greene, $38,734; Robt. Metcalf, $45,698.89.

Mercereau Bridge & Constr. Co., 313 N Ave. 22 low bidder at $4548 to const. 2 bridges on Las Tunas Dr., over Eaton Wash in Rd. Div No. 103. These bridges will be 59.5 ft. in length, 20 ft. wide, of pile bent constr., one on each side of the San Gabriel branch of the Pac. Elec. Ry.

E. G. Perham, 725-A N Ardmore low bidder at $1915 to const. bridge in 1st St. over Laguna Wash, in Rd. Foreman Div. No. 101, consisting of one 25-ft. wooden span with 30-ft. roadway.

SAN FRANCISCO—L. F. Youdall at $162,640 (approx.) awarded cont. by Bd. Pub. Wks. to construct Bay Crossing Pipe Line timber trestle for Hetch Hetchy project. Bids also submitted by S. F. Bridge Co; Tibbetts-Pacific Co.; Healy-Tibbits Const. Co.; M. B. McGowan; A. W. Kitchen Co.

DREDGING, HARBOR WORKS AND EXCAVATIONS

PLUMAS COUNTY, Cal.—Palmer & McBryde, 503 Market St., San Francisco, awarded contract by Great Western Power Co. to dredge at Lake Almanor, the hydro-electric reservoir. The work is being undertaken to drain the east arm of the lake for the Caribou power plant 10-mi. below. Work will be completed in October of this

SANTA BARBARA, Cal.—Application to U. S. Engineer office at Los Angeles by Robert S. Hyde of Santa Barbara for permission to const. in Pacific ocean 4 additional groins, each 300 feet long, located west of Eucalyptus, Montecito.

IRRIGATION PROJECTS

STOCKTON, San Joaquin Co., Cal.—County supervisors adopt resolution authorizing formation of proposed Woodbridge Irrigation District which proposes to vote bonds to construct works to irrigate approx. 12,000 acres. District extend from point half mile north of the Calaveras river nearly to Sacramento county line.

SANTA BARBARA, Cal.—J. J. McGregor, engr. for Union Sugar Co., planning to start a survey of Santa Ynez Valley in an endeavor to revive proposed $4,000,000 irrigation project. The cost of the preliminary survey caused the previous attempt of Edward De La Cuesta of Buellton to be abandoned.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—Council adopts resolution ordering constr. of ornam. lighting system in N. Broadway bet. Lincoln Park Ave. and Pasadena Ave., involving 136 Concr. posts; 1911 act.

MODESTO, Stanislaus Co., Cal.—See "Streets and Sewers," this issue. Res. of Intention, paving and lighting system.

CORONA, Cal.—Council odopts resolution providing for a lighting system along Main and Sixth Sts., covering approx. 5 mi. Marbelite posts with single globes will be used.

SANTA MONICA, Cal.—D. S. McEwan, 127 Pier Ave., Ocean Park, awarded contr. by council at $22,742 to const. lighting system on 4th St., bet. Wilshire Blvd. and Colorado St., involving also 16,671 sq. ft. walk and 146 ft. curb. Other bids were: H. H. Walker, $22,993.82; Fritz Ziebarth, $23,299.82.

VENICE, Cal.—Petitions being circulated for lighting system on Washington Blvd. within the Venice city limits, and for a lighting sytey on the Ocean Front walk, betw. Centre and Navy Sts.

LOS ANGELES, Cal.—Walker & Martin, 402 W. Wilshire, Fullerton, submitted low bid to Ed. Pub. Wks. at $68331 to const. ornam. lighting system in South Park Ave., bet. Jefferson St. and Slauson Ave. Other bids were: Butte Elec. & Mfg. Co., $70,797; Newbery Elec. Corp., $75,846; A. C. Rice, $79,156; R. A. Wattson, $79,490; Elec. Lighting Supply Co., $79,989; Fritz Ziebarth, $83,000; J. C. Dendler, Inc., $83,333; H. H. Walker, $88,618.

GLENDORA, Cal.—City trustees declare inten. to const. ornam. lighting system in portions of Glendora, Ada, Wabash and Whitcon Aves., nivolving pressed steel and copper shaft post, conduits, outlet boxes, etc.; 1911 and 1915 acts. Fred Long, city clerk.

LOS ANGELES, Cal.—Until 10 A. M., May 12, bids will be rec. by Bd. Pub. Wks. to const. ornam. lighting system in N. Broadway, bet. Lincoln Park Ave. and Pasadena Ave., involv. 136 concr. lighting posts; 1911 act.

FRESNO, Fresno Co., Cal.—City council petitioned to install electrolier system in Place Avenue and adjoining streets. Wm. Stranahan, city eng.

MACHINERY AND EUIPMENT

YUMA, Ariz.—Until 11:15 a. m., May 12, bids will be rec. by Yuma county highway comm., Yuma, for one Chicago Pneumatic portable air compressor, 210 cu. ft. capacity, purchased December, 1923. The above equipment may be inspected at Vicksburg, Arizona. Cert. check for full amount. A. W. Franklin, secretary.

YUMA, Ariz.—Until 11 a. m., May 12 bids will be rec. by Yuma county highway comm. for the sale of (a) one P. & H. dragline No. 1412, type 206, ¾ cu. yd. bucket, purchased August, 1922; (b) one shovel attachment for use on same, purchased Nov., 1923. The above equipment may be inspected at Bouse, Ariz. Cert. check for full amount. A. W. Franklin, secretary.

BEVERLY HILLS, Cal.—Until 1 p. m. May 5, bids will be rec. by city trustees to fur. garbage truck and garbage wagon. Plans on file at office of Salisbury, Bradshaw & Taylor, engineers, 518 Mortgage Guarantee Bldg., Los Angeles.

BERKELEY, Alameda Co., Cal.—Stuart S. Smith & Co., 625 Market St., San Francisco, at $4500 awarded cont. by council to fur. road roller for street dept., accepting Elgin street sweeper now owned by city, allowing $4000 on purchase price of roller.

RAILROADS

FRESNO, Fresno Co., Cal. — Fresno Traction Co. contemplates 1-mile extension to its Fresno street line; est. cost $50,000.

FIRE ALARM SYSTEMS

LOS ANGELES, Cal.—Until 9 A. M., May 14, bids will be rec. by city purchasing agent, 202 n. city hall annex, for electric sirens under spec. 909.

MISCELLANEOUS SUPPLIES

PORTLAND, Ore.—Until May 12, 2 P. M., bids will be rec. by Frank Coffinberry, city purchasing agent, to fur. 85 tons of special castings for Bureau of Water Works. Further information obtainable from above.

RESERVOIRS AND DAMS

WASHINGTON, D. C.—House Indian Committee has approved bill authorizing expenditure of $5,500,000 to construct dam across Gila river near San Carlos, Arizona. The measure has been passed by the Senate.

NILAND, Cal.—J. T. Collins has contract and has started work on const. of large reservoir at Niland for the Imperial Utilities Corp. of Calipatria. Pipe lines are under construction at present.

LOS ANGELES, Cal. — Cal. Metal Enameling Co. awarded cont. by public service comm., at $4750 for 25,000 "high voltage" signs; delivery 35 days.

STOCKTON, San Joaquin Co., Cal. — City council, A. L. Banks, clerk, will call election to vote bonds of $1,500,000 to finance construction of Valley Springs flood control dam project. City Manager C. E. Ashburner proposes that dam costing $1,400,000 be built and that a levee be erected at a point to be determined later to protect from flood waters of Littlejohn creek, the levee to cost $100,000. In connection with this work U. S. Engineers have promised an expenditure of $220,000 to dredge the mouth of the Calaveras river and of the diverting canal to handle waters from the dam which will be made to average 7500 second feet.

MERCED, Merced Co., Cal.—Bids will be asked about May 1 to be opened about June 1, by the directors of the Merced Irrigation District to construct Exchequer dam and power house. R. Y. Meikle is chief engineer for the district and A. J. Wiley, consulting engineer.

PIPE LINES, WELLS, ETC.

OAKDALE, Stanislaus Co., Cal.—Directors of Oakdale Irrigation District authorize installation of 2700 ft. 14-in. pipe to supply water to 400-acre tract of Pacific Pea Packing Co; est cost, $2400.

SAN FRANCISCO—Board of Supervisors withdraw contract awarded by Department of Public Works to the U. S. Cast Iron Pipe and Foundry Co., at $196,802 to fur. and del. flexible joint c. i. pipe for submarine portions of the Hetch Hetchy Aqueduct, Bay Crossing Division. The contract was withdrawn due to protests of labor interests and various commercial organizations who favored the award of contract to the Union Machine Co., San Francisco company (934 Brannan St.), who was next low bidder. The project involves 1625 tons of flexible joint pipe; 30 tons 42-in. bell and spigot pipe and one special pipe for west end of Dumbarton submarine siphon.

LOS ANGELES, Cal. — Bids rec. by public service comm. for iron and steel castings under spec. P-325-403, were.

Keystone Iron & Steel Co.—per lb.: (1) 5.9c; (2) 10.8c; (3) $35; (4) 4.4c; (5) 10.8c; (6) 4.4c; (7) 8c; all f. o. b. warehouse.

United Casting Co. — 11c lb. steel castings; 5c lb. iron castings.

Baker Iron Works—$5.90 cwt. for iron castings; $14.50 for steel castings; $6.50 for channels, etc.

LONG BEACH, Cal.—Until 10 a. m., May 2, bids will be rec. by council for drilling, casing, testing and completion of one water well in Harding Park. Cert. check or bond 10%. C. H. Windham, city mgr. H. C. Waughop, city clerk.

LOS ANGELES, Cal. — Los Angeles Mfg. Co., 2500 Lenard St., awarded contract by public service comm. at $1420 to fur. riveted sheet steel pipe under spec. W-232. Other bids were: Lacy Mfg. Co., $1450; Baker Iron Works, $1480; Western Pipe & Steel Co., $1500.

FRESNO, Fresno Co., Cal. — Pacific Gas and Electric Co., 445 Sutter St., San Francisco, will install 2480 ft. 6-in. and 3-in. mains in various streets of Sicrar Addition No. 3; est. cost $2975. H. C. Ross is division manager for company.

SAN FRANCISCO—Until May 13, 10 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5237, to fur. 1000 lin. ft. pontoon pipe, 21-in. outside dia. and in 40-ft. lengths weighing approx. 82 lbs. per lin. ft. for ¾-in. steel and 110 lbs. per lin. ft. for 1¼-in. steel. Materials to be delivered f. o. b. Rio Vista, Solano county. Alternative bids will be considered for delivery at other points, particularly for delivery f. o. b. A. T. and S. F. cars at Antioch, the bidder to state time of delivery.

SANTA CRUZ, Santa Cruz Co., Cal—Western Pipe and Steel Co., 444 Market St., San Francisco, at $23,386 awarded cont. by city council to fur. 9690 lin. ft. 14-in. and 2350 lin. ft. 10-in. Matheson joint pipe or equal. Crane Co., San Francisco bid $29,127.

EUREKA, Humboldt Co., Cal.—Until May 6, 5 p. m., bids will be rec. by John Griffith, city supt. of public works, to fur. f. o. b. dock, Eureka, 12,500 lin. ft. 2-in. stand. black pipe, random lengths. Delivery to be made 60 days after award of contract. **See call for bids under official proposal section in this issue.**

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EUREKA, Humboldt Co., Cal.—Until May 6, 5 p. m., bids will be rec. by John Griffith, city supt. of public works, to fur. f. o. b. dock, Eureka, 1000 lin. ft. 8-in. class B c. i. pipe for muny water works dept. **See call for bids under official proposal section in this issue.**

REDWOOD CITY, San Mateo Co., Cal—Until May 5, 8 p. m., bids will be rec. by W. A. Price, city clerk, to drill deep well at water works plant. Cert. check $200 req. with each bid. Further information obtainable from C. L. Dimmitt, city eng.

SEWAGE DISPOSAL PLANTS

LOS ANGELES, Cal.—Marko Matich, 1436 W 51st St., submitted low bid to supervisors at $38,500 to install new Imhoff tank, sump and sludge bed, including pump house, new sewer lines and accessories at the County Farm, near Norwalk. Other bids were United Bldg. & Finance Co., $42,000; deWaard & Son, $49,999; John Simpson & Co., $56,747.

MISCELLANEOUS CONSTRUCTION

OAKLAND, Cal. — State Railroad Commission urges city council to construct viaduct over 7th St. S. P. right of way on western waterfront. It is probable that funds to finance the project will be provided in the 1924-25 budget. W. W. Harmon, city engineer.

WATER WORKS

NAPA, Napa Co., Cal.—Bids will be asked at once by H. H. Thompson, city clerk, to fur. and install chlorinator for muny water works plant. A. Kempkey, consulting engineer, Hobart Bldg., San Francisco.

NAPA, Napa Co., Cal.—Bids will be asked at once by city council for following work in connection with Milliken Canyon muny water project: Install centrifugal pump, four concrete piers; const. pressure break at point where pipe line leaves canyon; lay 4400 lin. ft. 14-in. pipe from Robertson line to pressure break; lay 1700 lin. ft. 16-in. pipe line from pressure break to diversion dam. H. H. Thompson is city clerk. A. Kempkey, consulting engineer Hobart Bldg., San Francisco.

LOS ANGELES, Cal.—Until 3 P. M., May 2, bids will be rec. by public service comm., 207 S. Broadway, for fire hydrants under spec. 713. Jas. P. Vroman, Secretary.

LONG BEACH, Cal.—Until 10 a. m., May 6, bids will be rec. by council to fur. 1251 lin. ft. 20-in. and 702 ft. 24-in. reinf. conc. water pipe under spec. C-26. All pipe to withstand pressure head of 20-ft. and shall be delivered f. o. b. Long Beach and distributed on the ground of the Long Beach water dept. in American Colony Tract. Cert. check or bond 10%. C. H. Windham, city mgr. H. C. Waughop, city clerk.

ANAHEIM, Cal. — Election will be held May 30 to vote $110,000 bond issue for water system extensions. Edw. B. Merritt, city clerk.

SAN FRANCISCO — Following bids rec. by Bd. Pub. Wks. to fur. and install electric motors for Pulgas pumping plant of Hetch Hetchy project: General Electric Co., $3395 with alternative bid of $4585; Westinghouse El. & Mfg. Co., $3639.40 with alternative bid of $4165.90; Allis-Chalmers Co., $3877 with alternative bid of $3824.

EUREKA, Humboldt Co., Cal.—C. C. Kennedy, Call Bldg., San Francisco, has been appointed as consulting engineer for the proposed municipal water works project. Mr. Kennedy will receive $50 a working day.

BEVERLY HILLS, Cal.—Until 8 p. m. May 5, bids will be rec. by city trustees to fur. 11,000 ft. 12-in., 10-in. and 8-in. standard screw pipe; const. superstructure and aerating equipment plant; const. conc. pump house. Plans obtainable from engrs. Salisbury, Bradshaw & Taylor, 518 Mortgage Guarantee Bldg., Los Angeles. John G. Soulay, city clerk.

WILLIAMS, Ariz.—Burns & McDonnell, 415 Marsh-strong Bldg., Los Angeles, are completing final plans for waterworks improvements for which bonds were recently voted.

PLAYGROUNDS AND PARKS

FAIRCHILD, Solano Co., Cal.—Raintap Co., San Francisco, at $2900 awarded cont. by supervisors to install sprinkler system at county courthouse.

LODI, San Joaquin Co., Cal.—Board of Education has purchased property, 170 by 112 ft., in East Pine street for playground purposes.

MARYSVILLE, Yuba Co., Cal.—Donald McLaren, landscape architect, San Francisco, preparing specifications for landscape work at Ellis Lake for which city has voted bonds of $50,000 to improve. Of the total sum approx. $20,000 will be used in dredging the work, the remaining $30,000 to finance construction of a boulevard drive and landscape improvements.

SANTA ROSA, Sonoma Co., Cal.—Chamber of Commerce backs movement to raise $20,000 to finance construction of swimming pool at new Fremont school. City Eng. Geo. F. Comstock estimates cost at $20,000. The cost of erecting spectators' gallery and dressing room and locker rooms is estimated at $10,000 and not included in the cost of the tank construction.

FRESNO, Fresno Co., Cal. — Fresno Chamber of Commerce urges $50,000 bond election in city of Fresno, to finance construction of municipal auto camping grounds.

SAN FRANCISCO—Until May 16, 11 a. m., bids will be rec. by Constructing Quartermaster, Fort Mason, to fur. and erect non-climbaable wire fence at Presidio. **See call for bids under official proposal section in this issue.**

BEVERLY HILLS, Cal.—Until 8 p. m. May 5, bids will be rec. by city trustees to erect 920 ft. 7-ft. galv. wire fencing. Plans on file at office of Salisbury, Bradshaw & Taylor, engineers, 518 Mortgage Guarantee Bldg., Los Angeles. J. G. Soulay, city clerk.

SEWERS & STREET WORK

SAN JOSE, Santa Clara Co., Cal.—Council, J. J. Lynch, city clerk, declares inten. to imp. portion of Orvis Ave. invol. grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bitum. conc. base; hyd. cem. conc. curb, gutters and walks. 1911 Act and Bond Act. 1915. Protests May 12. Wm. Popp, city eng.

STOCKTON, San Joaquin Co., Cal.—**Moreing Bros., Stockton,** at $1750 awarded cont. by Board of Education to grade; pave and const. curb and walks fronting Victory school.

OAKLAND, Cal.—Bates and Borland, Bank of Savings Bldg, Oakland, awarded cont. by council to imp. portions of Redding St., involv. grade, $.075 sq. ft.; conc. curb, $.85 lin. ft.; conc. gutter $.30 sq. ft.; oil macadam pavement, $.115 sq. ft.; cement walks, $.17 sq. ft.; 6x24-in. corru. iron and conc. culvert, $4.80 lin. ft.; 8-in. sewer, $1.75 lin. ft.; handholes, $75 ea; lampholes, $25 ea.; wye branch, $2 each.

Bates and Borland awarded contract to imp. portions of Quince, Pearmin Sts., etc., involv. grading, $.075 sq. ft.; conc. curb, $.75; conc. curb with steel guard, $1.35 lin. ft.; conc. gutter, $.30 sq. ft.; asph. conc. pavement, $.32 sq. ft.; cem. walks, $.175 sq. ft.; 6x24-in. corru. iron and conc. culvert, $4.80 lin. ft; handhole, $40 each.

SANTA BARBARA, Cal.—Supervisor splan to purchase $300,000 Santa Ynez road dist. bonds if no bids are secured May 5. They are now investigating the county's legal right to purchase the bonds.

PORTERVILLE, Tulare Co., Cal. — Council, Geo. D. Avery, city clerk, declares inten. (No. 127) to imp. D St. bet. Mill and Vine Sts. and Vine St., between D and S-Main Sts., involving grading; pave with 5-in. hyd. cem. conc. curbs, culverts, valley gutters and pipe drains; conc. inlet basins with c.i. gratings. 1911 Act and 1915 Bond Act. Protests May 15. Fred Pease, city eng.

SAN JOSE, Santa Clara Co., Cal.—Until May 5, 8 P. M., bids will be rec. by J. J. Lynch, city clerk, to imp:

27th St., bet. St. John St. and McKee Rd., involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curbs, gutters and walks; hyd. cem. conc. strom water inlets; 8-in. vit. pipe drains; 1 br. manhole; 12-in. cem. conc. pipe storm sewer. 1911 Act and Bond Act 1915.

San Fernando St., bet. 15th and 17th Sts., involv. grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. sem. conc. curbs and gutters. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

POMONA, Cal.—City Eng. F. C. Froehde states that bids to const. first unit of the new sewer outfall will be called within about 3 weeks. This section will run from the city toward the sewer farm, 1.5 mi., and will involve 20-in. and 22-in. vit. pipe. The total length of the job is 7 mi.

SAN FERNANDO, Cal.—The $70,000 sewer bond election will be held Apr. 30; proceeds will const. sewer system, except laterals, and a sewage disposal plant. Geo. A. Schwabland, Spreckels Bldg., San Diego, consulting engr.

OAKLAND, Cal.—Council, E. K. Sturgis, city clerk, declares inten. to imp. portions of Dowling St., involv. grade and pave; const. curbs, gutters and walks. 1911 Act, protests May 15. W. W. Harmon, city eng.

ORANGE, Cal.—City council starts proceedings for residential street improvement, about 4 mi., to cost $160,000. Work will be done under the Vrooman act.

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SAN BERNARDINO, Cal.—Pierson & Dickerson, Riverside, awarded contract by supervisors at $25,295 to pave 2 mi. county highway (Riverside Dr., bet. Euclid Ave. and 10,689 ft. east) south of Ontario in Rd. Imp. Dist. No. 26. Other bids were. R. T. Shea, $27,000; Lineau & Levering, $27,700. Work will involve grading 16-ft. wide; 6-in. crushed rock and asph. oil pavement; earth shoulder or embank. 2 ft. wide on each side.

SAN JOSE, Santa Clara Co., Cal. — Raymond H. Crummey, 121 Pearl St., Oakland, awarded conts. by council to improve:

Goodyear St., bet. Orchard and First Sts., involv. grade; pave with 1-in. Warenite-Bit. surface on 3-in. curb, gutter and walks; 1 br. catchbasin; 2 cem. conc. inlets; 8-in. vit. pipe drains.

5th St., bet. Empire and Jackson Sts invlv. grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curbs, gutters and walks.

VENICE, Cal.—No bids were rec. by the city trustees to imp. 35th Pl., 36th Ave., 36th Pl., Canal Ct. and other sts. The work will be separated and readvertised. T. H. Hanna, city clerk.

LOS ANGELES, Cal.—C. Marks submitted low bid to Bd. Pub. Wks. at $9,963 to const. sewer in 83rd St., betw. Moneta Ave. and Figueroa St.

LANDER COUNTY, Nevada — Until May 28, 9 a. m., bids will be rec. by C. H. Sweetser, District Engineer, U. S. Bureau of Public Roads, 9 Main St., San Francisco, to const. Austin-West Forest highway, partly located in Toiyabe Natl. Forest, Lander County, Nevada. 10.64-mi. in length, involv. 63,024 cu. yds. unclassified excavation; 896 lin. ft. corrn. metal pipe; 128 cu. yds. "C" conc.; 7326 cu. yds. surfacing; 22.2 M B M timber trestle bridge; 800 lin. ft. piles; 266 sq. yds. asph. wearing surface. See call for bids under official propcsal section in this issue.

LOS ANGELES, Cal.—Chas. Thompson, 701 Brockman Bldg., awarded contract by Bd. Pub. Wks. at $93,000 to const. portion of Sec. 7 North Outfall Sewer.

ELSINORE, Cal.—Burns & McDonnell, consulting engrs., 415 Marsh-Strong Bldg., Los Angeles, preparing plans for a sewer system. Bonds have been voted to finance.

SACRAMENTO, Cal.—Frederickson & Shannon, Cory Bldg., Fresno, at $18,952 submits low bid to supervisors to pave Antelope road from Auburn Blvd. to pt. 2-mi. north. Other bids: Tibbals, Percical and Cress, Sacramento, $20,394 C. W. Wood, Manteca, $20,497. Est. of C. W. Deterding, Jr., $19,800. Taken under advisement.

BURBANK, Cal.—W. J. Curren, 221-A W Broadway, Glendale, awarded contr. by city trustees at $17,880 to pave 7th St., bet. Magnolia and Providencia Aves involv. grading 45c cu. yd.; 3-in. oil macad. paving 9.5c sq. ft.; curb 48c ft.; walk 16c sq. ft.

OLYMPIA, Wash.—Following is list of low bids received by State Highway Commission for highway projects:

Gravel surface 1.71 mi. of state road No. 12, bet. Bear river and Greenhead slough, Pacific county, Geo. W. King, South Bend, $18,036.

Conc. pave 4.85 mi. of state road No. 5, bet. Ethel and Mill creek, Lewis county, Federal aid proect No. 134-A, Forbes & Wilder, $168,039.

Crush rock surface 15 mi. of state road No. 12, bet. Walville and Meskill, Lewis county, F. G. Redmond, Yakima, $33,348.

Gravel 11 mi. of state road No. 3, bet. Dodge and Central Ferry, Tony Mozzazo, Pomeroy, $12,781.

SANTA BARBARA, Cal.—Until 10 a. m. May 5 bids will be rec. by supervisors to grade and pave with macad. necessary drainage and other structures in Sections A, B, C and D of the Permanent Rd. Div. of Santa Ynez, approx. 25 mi. Bonds in the sum of $300,000 were voted for this work. Cert chk 10%. Owen H. O'Neill, county surveyor.

SAN BERNARDINO, Cal.—Until 7:30 p. m., May 5 bids will be rec. by council to const. 8-in. vit. pipe sewer in Trenton St., bet. F. and G. Sts., with 21 4-in. connecting sewers and one flush tank; 1911 act.

SAN BERNARDINO, Cal.—Until 7:30 p. m., May 5, bids will be rec. by council to imp. Belle St., bet. Base Line St. and 13th St.; grade and pave with 4-in. macad., const. curbs, walks, gutter; 1911 act. J. H. Osborn, city clerk.

OROVILLE, Butte Co., Cal.—Supervisors reject bid of Lord and Bishop at $11,608.75 to grade and surface with crushed rock 5-mi. of Pentz road. Work will be done by force account under supervision of County Rd. Eng. Harry H. Hume.

LOS ANGELES, Cal.—Griffith Co., 502 L. A. Ry. Bldg., awarded contract by Bd. Pub. Wks. at $32,790 to improve 87th St., bet. Figueroa St. and Hoover St., involv. grading at $3000 (lump sum); 54,486 sq. ft. asph. paving 23c ft; 959 sq. ft. conc. paving 24c ft.; 11,374 sq. ft. oil and roll 7c ft.; 3503 ft. curb 65c ft.; 17,108 sq. ft. walk 20c ft.; 5894 sq. ft. conc. gutter 26c ft.; san. sewer, $9000.

Griffith Co. awarded contr. at $19,758 to imp. MacArthur Ave., bet. Elberton Ave. and Gaffey St., involv. grading at $400 (lump sum); 57,650 sq. ft. conc. paving 23c ft; 4168 ft. light curb 55c ft; 936 sq. ft. walk 22c ft.

Geo. R. Curtis, 2440 E 26th St. awarded cont. at $26,340 to imp. Ave. 32, bet. Carlyle St. and Verdugo Rd., involving grading at $11,000 (lump sum); 26,496 sq. ft. Warrenite-bitul. paving 26.5c ft; 1853 ft. curb 70c ft.; 9255 sq. ft. walk 22c ft; 1939 sq. ft. gutter 31c ft.; cem. pipe san. sewer, $4350.

OROVILLE, Butte Co., Cal.—Skeels and Hudson, Auburn, awarded cont. by supervisors to imp. 1½-mi. of Gridley Colony Rd., involv. grading and placing 2012 tons crushed rock, $2.40 ton; place 106 tons asph. $10.50 ton. C. W. Wood bid $2.50 and $15. Approx. cont. price, $10,846.20.

SALEM, Ore.—Until April 29, 2 p. m. bids will be rec. by State Highway Commission in Multnomah County Courthouse, Portland, to grade and surface following highway units:

Clatsop County — Seaside-Cannon Beach Junction Section, Roosevelt Coast Highway, 3.01 mi. involv. 40,000 cu. yds. of excavation; 8000 cu. yds. of surfacing materials.

Deschutes County—Allen Ranch-Lapine Section, The Dalles-California Highway, 13 mi., involv. 30,000 cu. yds. of surfacing materials.

Douglas county—Fur. 7625 cu. yds. of crushed gravel for use in connection with maintenance of portion of Coos Bay-Roseburg Highway. Delivery to be made near old postoffice at Olalla, approx. 20-mi. west of Roseburg.

Grant County—John Day Town Section John Day Highway, 0.8 mi. involv. 7000 cu. yds. of excavation; 1360 cu yds of surfacing materials.

Morrow County — Jones Hill-Lena Section Oregon-Washington Highway 2.9 mi. of grading, involv. 24,500 cu. yds. of excavation.

Spec. obtainable from offices of Commission on deposit of $5. Roy A. Klein, state highway eng.

SAN JUAN CAPISTRANO, Orange Co., Cal.—L. D. Folsom, South Flower St., Santa Ana at $13,851.82 submitted low bid to directors of San Juan Capistrano Sanitary Dist., to const. sewer system, consisting of pipe, drains, manholes, septic tank, as follows: 1301 ft. 6-in., 7000 ft. 8-in., 1745 ft. 10-in. sewer pipe; 700 ft. 10-in. drain pipe; 18 manholes; 4 flush tanks; 1 septic tank. Following is complete list of bids received:

L. de Waard, Granger Bldg., San Diego	$20,662.15
O. U. Miracle, Long Beach	21,486.75
Geo. Mitchell Company, Huntington Park (without septic tank)	14,749.20
Cox & Teget, Los Angeles	19,912.25
L. D. Folsom, S. Flower, Santa Ana	13,851.82
C. E. Green, Los Angeles	16,537.02
Nick Chutuk, 1506 Pleasant Ave., Los Angeles	14,612.09
Pernell Barnett, Orange	17,927.56
Wells & Bressler, Santa Ana	25,715.70
H. E. Adams	19,329.95
Geo. W. Kemper, Alhambra	19,908.50

BURBANK, Cal.—Until 7:30 p. m., May 6, bids will be rec. by city clerk to imp. Alameda Ave., bet. San Fernando Blvd. and Olive Ave., approx. 13,000 ft., involv. grading and paving with 6-in. conc. 24-ft. wide. F. S. Webster, city clerk.

SAN JOSE, Santa Clara Co., Cal.—Until April 28, 8 p. m., bids will be rec. by John J. Lynch, city clerk, to imp. Taylor St., bet. 1st and 7th Sts., involv. grade and pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph conc. base; hyd. cem. conc. curbs, gutters and walks; hyd. cem. conc. alley driveways. 1911 Act & Bond Act 1915. Cert check 10% payable to city req. Wm. Popp, city eng.

WATSONVILLE, Santa Cruz Co., Cal. City Board of Aldermen, M. M. Swisher, city clerk, declares inten. (No. 1706) to imp. portions of Center, 3rd, 2nd Sts. and Locust, involv. grading; macadamized and oiled with asphaltic oil; conc. curbs and gutters. H. B. Kitchen, city engineer.

LOS ANGELES, Cal.—Until 10 a. m. April 21, bids will be rec. by Bd. Pub. Wks. to imp. Canoga Ave., bet. Ventura Blvd. and Drumetz Ave., involving 26,519 ft. heavy curb; 30,887 ft. light curb; 283,262 sq. ft. walk; 89,588 cu. yds. cut; 17,902 cu. yds. fill. storm drain, lighting system. This work embraces the eastern part of the town of Girard.

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded contracts by council to imp. following Streets:

Portions of Brush St., involv. conc. curb, $.75 lin. ft; conc. gutter, $.27 sq. ft; asph. pavement, $.20 sq. ft.

Portions of Brush St., involv. conc. curb, $.75 lin. ft; conc. gutter, $.27 sq. ft; asph. pavement, $.20 sq. ft.

Portions of Favor St., involv. grading, $.04 sq. ft; conc. curb, $.74 lin. ft.; conc. gutter, $.26 sq. ft.; oil macadam pavement, $.11 sq. ft.; cem. walks, $.19 sq. ft.

27th Ave., bet. E-9th and E-11th Sts., involv. grading, $.04 sq. ft.; conc. curb $.74 lin. ft.; conc. gutter, $.25 sq. ft.; oil macadam pavement, $.11 sq. ft.; cement walks, $.15 sq. ft.

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BURBANK, Cal.—City trustees declare inten. to imp.:

Cordova St., bet. Magnolia Ave. and Sherman Way, grade; pave with 3-in. macad., const. curbs, curb returns, walks.

Clark Ave. bet. Main St. and Buena Vista grade; pave with 5-in. macad., 24 ft. wide; plans on file at office of city clerk, F. S. Walker.

SAN JOSE, Santa Clara Co., Cal.—Until May 5, 8 P. M., bids will be rec. by John J. Lynch, city clerk, to imp. 9th St., bet. Martha and Keyes Sts., involv. grade and pave with 1½- in. Durite asph. conc. surface with 3-in. Durite asph. conc. base; hyd. cem. conc. curbs, gutters and walks; 2 br. catchbasins; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Wm. Popp, City Eng.

SAN FRANCISCO—Board of Public Works completes spec. to imp Kirkham St., bet. 14th and 16th Aves., est. cost $17,000. Project involves 3100 cu. yds. cut; 275 lin. ft. 8-in. and 40 lin. ft. 12-in. ironstone pipe sewer; 2 br. manholes; 13 8-in. wye branches; 1304 lin. ft. conc. curb; 3 br. catchbasins; 100 lin. ft. 10-in. ironstone pipe culvert; 1016 sq. ft. art. stone walks; 38,412 sq. ft. asph. conc. pavement.

SAN DIEGO, Cal.—City Engr. F. A. Rhodes completes plans for system of sewers in Mission Beach, involv 27,-945.46 lin. ft. 6-in. cem. conc. pipe, 5470.11 lin. ft. 10-in. cem. pipe, 6781.34 lin. ft. 12-in. cem. pipe, 865 lin. ft. 8-in. c. i. pipe, 40,136 lin. ft. trenching and laying pipe from 4 or less to 12 ft. deep, 87 conc. manholes with c. i. covers, 40 conc. drop manholes with c. i. covers, 46 deadends, 13 deadends with cross, 6 flush tanks, 3 pump stations with houses and equipment, 1 settling tank, 1200 lin. ft. c. i. outfall.

EUREKA, Humboldt Co., Cal.—City Eng. Harry H. Hannah preparing spec. to imp. Commercial St. from 5th St. to north bay shore. Work will consist of post. storm sewer and paving with Warrenite-Bitulithic pavement. Spec. also being prepared to grade and pave Spring St., bet. Wabash and Harris streets.

OAKLAND, Cal. — Council, E. K. Sturgis, clerk, declares inten. to const. cem. conc. walks in portions of Congress and Vicksburg Aves. 1911 Act. Protests May 15. W. W. Harmon, city engineer.

STOCKTON, San Joaquin Co., Cal.—Cy Moreing, Commercial Savings and Bank Bldg., Stockton, at approx. $99,-500 submits low bid to council to imp. portions of Walnut St., Harding Way, Willow and Lucerne Aves., College Dr., Oxford Ave., etc., involv. grading; construct comb. conc. curb and gutter, conc. walks; pave with 4-in. crushed rock base with 2-in. asph. macadam wearing surface. Taken under advisement.

POMONA, Cal.—C. W. Sparks, 417 S Lake, Los Angeles, submitted low bid to council at 12.4c to imp. Cucamonga Ave., bet. Lordsburg Rd. and the c city limits of Pomona, involv. 199,072 sq. ft. 5-in. oiled macad. Thos. P. Crawford bid 13c and Fleming Constr. Co. 13.55c.

SAN JOSE, Santa Clara Co., Cal. — Until May 5, 8 p. m., bids will be rec. by John J. Lynch, city clerk to imp. 8th St., bet. Julian and Empire Sts., involving grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs, gutters and walks; 1 hyd. cem. conc. storm water inlet; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city engineer.

PHOENIX, Ariz.—E. W. Samuell, director of state highway dept., announces new bids will be called to const. White Spar-Congress Junction highway, 19 mi., to be improved along the north half of the road. Previous bids rec. April 14 considered too high. The new date has not been set.

SANTA CRUZ, Santa Cruz Co., Cal.—Granite Construction Co., Watsonville, at $23,638.42 awarded cont. by supervisors to imp. Casserly Rd. in Pajaro Rd. Dist.

SANTA CRUZ, Santa Cruz Co., Cal.—Until May 8, 9:30 a. m., bids will be rec. by S. A. Evans, city clerk, to improve portions of Pacheco Ave., involving grading and pave with 5-in. concrete pavement, 32 ft. wide; const. conc. curbs; corru. metal and rein. conc. culverts; 4-in. vit. sewer laterals. 1911 Act. Cert. check 10% payable to city req. Plans on file at office of clerk.

ESCONDIDO, Cal. — City council starts proceedings to pave approx. 34 blocks of residential streets. Est. cost. $250,000. City Engr. Freeman Witt now preparing spec. for work, which will be largely 2-in. macad.

MODESTO, Stanislaus Co., Cal.—City council, H. E. Gragg, clerk, declares intn. (No. 172) to imp. Linden St., bet. Franklin and Washington Sts., involv. grade and pave with 2½-in. asph. conc. base with 1½-in. Warrenite-bit. surface; conc. curbs and gutters; c. i. electrolier lighting system. 1911 Act and Bond Act 1915. Protests May 14. F. W. McCarton, city engineer.

RENO, Nevada — Washoe County Commissioners vote to widen and pave with concrete the road between the cemetery and a point near Lawtons. work to be performed by State Highway Commission. Will be widened from 9 to 19 ft. for distance of approx. 3.67-mi. Geo. W. Borden is state highway engineer.

SAN JOSE, Santa Clara Co., Cal. — San Jose Paving Co., San Carlos and Dupont sts., San Jose, awarded cont. by council to imp. 20th St., bet. Santa Clara and William Sts., involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curbs, gutters, walks, and alley driveways.

NEVADA STATE—Bids will be asked shortly by State Highway Commission for 12.64-mi. of gravel surfacing in Elko county, from Moor to Pequop Summit; also for 13.69-mi. of gravel surfacing in Pershing county, from Mill City to Humboldt line. Geo. W. Borden, state highway engineer.

RENO, Nevada—A. R. Gamble, Reno, at $1245 submits low bid to Washoe county commissioners to const. portions of road from Pyramid Lake to gypsum plant, south of Gerlach, via Sheep Pass. M. P. Armstrong, Reno, bid $5425.70. Work consists chiefly of grading and culverts. Taken under advisement.

OAKLAND, Cal.—Council, E. K. Sturgis, city clerk, declares inten. to imp. portions of Dowling St., involv. grade and pave; const. curbs, gutters and walks. 1911 Act. Protests May 15. W. W. Harmon, city eng.

SANTA ROSA, Sonoma Co., Cal.—Until May 5, bids will be rec. by W. W. Felt, Jr., county clerk, to const. county highway from Sebastopol to top of Pocket Canyon rd., involv. approx 780,-430 sq. ft. Willite pavement, 18-ft. wide, with earth shoulders and ditches; grading; const. headwalls, etc. Plans obtainable from County Surveyor E. A. Peugh.

COLTON, Cal.—City trustees declare inten. to const. sewer in various sts. as follows: 1020 ft. 8-in. vit. pipe; 1495 ft. 12-in. vit. pipe; 50 ft. 12-in. vit. pipe with reinf. conc. bed; brick manholes and flush tanks, sump hole, sewage pumps (2 vertical 6-in. centrif. sewer pumps, each with a capacity of 700 gals. sewage per min.); pump house, etc.; 150.5 ft. 14-in. vit. pipe sewer; 600 ft. 6-in. pipe; 1717 ft. 10-in., etc. Plans on file at office of city engr. 1911 act. Olive Phillips, city clerk.

PORTERVILLE, Tulare Co., Cal. — Until May 1, 8 p. m., bids will be rec. by Geo. D. Avery, city clerk, to imp. east ½ of Jaye St., bet. Olive and Orange Sts., involv. grading; const. cem. conc. curbs and culverts; pave with 5-in. hyd. cem. conc. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Fred Pease, city engineer.

OAKLAND, Cal.—Oakland Paving Co 5000 Broadway, Oakland, awarded contract by council to imp. West St., bet. 7th and 14th Sts., involv. grading, $.05 sq. ft.; conc. curb, $.80 lin. ft; conc. curb with steel guard, $1.20 lin. ft.; conc. curb, $.30 sq. ft.; 2-in. Warrenite-Bit. surface on 6-in. Port. cem. conc. base pavement, $.302 sq. ft.; manhole, $100; catchbasin, $100 ea; 10-in. pipe conduit, $2 lin. ft.

SANTA ANA, Cal.—B. R. Ford, 407 W. 17th St., Santa Ana, awarded contr. by city trustees to pave West 17th St., bet. Ross St. and w. city limits, involv. 152,569 sq. ft. 7-in. concr. paving at 25.75c sq. ft.; 2380 ft. 4-in. hse. sewers at 50c ft.; 120 ft. 6-in. stub end main sewers at 65c ft.; two manholes at $75 ea. Wells & Bressler submitted a bid but failed to enclose sufficient bond. W. G. Knox, City Engr.

Barber Greene Model 42 Loader

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California Highway Commission

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DALY CITY, San Mateo Co., Cal.—Pacific States Construction Co., Call Bldg., San Francisco, awarded cont. by city trustees at approx. $283,000 to improve various streets. Complete list of unit bids follow:

Pacific States Construction Co., San Francisco, (a) 40,000 cu. yds. grading, $.75; (b) $640,000 sq. ft. 4-in. conc. base with 1½-in. asph. conc. surface, $.195; (c) 65,000 sq. ft. 5-in. cem. conc. pavement, $.22; (d) 2000 lin. ft. armored conc. curb and gutter, $1.30 lin. ft.; (e) 40,000 lin. ft. conc. curb and gutter, (plain), $1.20 lin. ft; (f) 290,000 sq. ft. cem. walks, $.15 (g) 15,000 lin. ft. 4-in. vit. lateral sewers, $.75; (h) 1400 lin. ft. 8-in. vit. storm sewers, $2; (i) 52 br. catchbasins, $95.

Clark and Henery Co., San Francisco, (a) $1; (b) $.235; (c) $.226; (d) $1.40; (e) $1.10; (f) $.19; (g) $.70; (h) $1.50; (i) $70.

Eaton and Smith, San Francisco, (a) $.60; (b) $.206; (c) $.21; (d) $1.60; (e) $1.30; (f) $.1475; (g) $1.50; (h) $2; (i) $120.

MONROVIA, Cal.—City trustees declare inten. to imp. Fifth Ave., betw. White Oak Ave. and Hillcrest Blvd., grade and pave with oil tamped pavement, const. curb, gutter, walk, san. sewer, 43 hse. laterals, 2 manholes; also to imp. portion of White Oak Ave; 1911 act. Lewis P. Black, city clerk.

SANTA MONICA, Cal.—Until 10 A. M., May 1, bids will be rec. by council to imp. Franklin St., bet. Wilshhire Blvd. and Colorado Ave.: Grade; pave, (rock and oil), const. curbs and walks, reinf. conc. storm sewer; 1911 act. Howard B. Carter, city engr.

SAN FRANCISCO — Tibbitts-Pacific Co., 16 California St., awarded cont. by Southern Pacific Co., to imp. 5th St bet. Townsend and Harrison Sts., involving repaving with asphaltic surface on conc. base; const. catchbasins, conc. sewer reinforcement and conc. bridges for spur tracks. Unit prices follow: grading, $3.625 cu. yd.; pavement, $.20 sq. ft.; pipe culvert sewer rein. structures, $3.114 lin. ft.; bridge and catchhasin, $19,409. Bond of $29,931 filed on work.

LONG BEACH, Cal.—Until 10 a. m., May 8, bids will be rec. by City Mgr., C. H. Windham for 1251 ft. 20-in. and 702 ft. 24-in. reinf. conc. water pipe for pump and pressure lines.

SANTA MONICA, Cal.—Kneen Paving Co., Dudley Bldg., Santa Monica, awarded cont. by council to pave Wilshire Blvd., bet. Ocean Ave. and northeast city limits, involv. 1,256,682.05 sq. ft. grading, including removing old pavement, trees, etc., 6.8c sq. ft.; 979,889.45 sq. ft. Warrenite-bitul. paving on asph. conc. base 23c ft; 22,886.8 ft. curb 65c ft; 43,591.8 ft. curb 65c ft; 43,591.8 sq. ft. walk 20c ft; storm drain complete, $2037; san. sewer, $1765; bringing 32 manholes to grade; lighting system, $74,690. Other bids were: L. A. Paving Co., $423,072.27; Cal. Construction Co., $440,757.01; Cal. Rd. and St. Imp. Co., $445,3986.4; Warren Const. Co., $445,718.59.

LOS ANGELES, Cal.—Geo. R. Curtis, 2440 E 26th St., awarded cont. by Bd. Pub. Wks. at $39,406 to imp. 8th Ave., bet. Washington and Adams Sts., involv grading at $7000 (lump sum); 3442 sq. ft. bitum. base paving 12c ft; 836 sq. ft. conc. paving 31c ft; 99,738 sq. ft. Warrenite-bitul. paving 29.25c ft; 93 ft. curb 90c ft; 3447 sq. ft. walk 22c ft; 5158 sq. ft. gutter 31c ft; 60 ft. hse. sewers $2 ft.

SANTA ROSA, Sonoma Co., Cal.—Until May 5, 11 a. m. bids will be rec. by W. W. Felt, Jr., county clerk, for road improvements in Road Improvement District No. 1, Sonoma county. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from

ORANGE, Cal.—Until 1 p. m., May 7 bids will be rec. by city trustees to improve Palm, Maple, Almond and Washington Aves. and eight streets and certain alleys about 30 blocks and 17 intersections, involv. 5-in. and 6-in. conc. pavement; vit. pipe san. sewer, hse. sewers, curbs and walks; 1911 act. Cal. D. Lester, city clerk.

LOS ANGELES, Cal. — Work is to start on the Eagle Rock sewer system not later than July 1. The first section of the mains to be laid will take in the central business section, extending along Eagle Rock Blvd.

OLYMPIA, Wash.—Until May 20, 10 a. m., bids will be rec. by State Highway Commission, James Allen state highway engineer, for following projects:

(1) Clear, grade and drain 2.7 mi. State Road No. 1, bet. Everett and Marysville, Snohomish County.

(2) Clear, grade, drain and surface with crushed rock 7.6 mi. State Road No. 12 bet. Adna and Meskill, Lewis County.

(3) Clear, grade, drain and surface with gravel 9.0 mi. State Road No. 14 bet. Port Orchard and Gig Harbor, Kitsap County.

(4) Clear, grade and drain 2.5 mi. of State Road No. 3 from Steptoe North, Whitman County.

(5) Hauling gravel for maintenance resurfacing State Road No. 8, Clarke and Skamania Counties.

(6) Clear, grade and drain 0.7 mi. State Road No. 2 from Dryden West, Chelan County.

(7) Resurface with crushed rock 32 mi. of State Road No. 2 bet. Easton and Bide-a-wee, Kittitas and King Counties.

(8) Const. embankment approach and riprap bank protection for Indian Timothy Bridge on State Road No. 5, Asotin County.

(9) Clear, grade and drain and surface with crushed rock 3.7 mi. State Road No. 5 bet. Fern Gap and Kosmos Forks, Lewis County.

(10) Fur. and haul 8000 cu. yds. of crushed rock to resurface a portion of State Road No. 3 near Barnes Station Whitman County.

(11) Fur. and haul. 5000 cu. yds. of crushed rock to resurface a portion of State Road No. 3 near Pomeroy, Garfield County.

SANTA ROSA, Sonoma Co., Cal.—Until May 14, 12 M., bids will be rec. by W. W. Felt Jr., County Clerk, to const. paved highway extension to Western Ave. near Petaluma, Supervisorial Dist. 2, involv. 1840 cu. yds. unclassified excavation; 1598.8 cu. yds. Class A conc. in 5 in. conc. pavement; 1105.7 cu. yds. A conc. in 5-in. 7-in. edge conc. pavement; 90,640 sq. ft. asph. conc. with Willite composition wearing surface; 183 cu. yds. A conc. in culverts and headwalls; 850 lbs. rein. steel. Est. cost, $24,000. Plans obtainable from E. A. Peugh, county surveyor.

GLENDALE, Cal.—E. L. Fleming, 324 W Dryden, Glendale, submitted low bid to council at $39,881 to imp. Sonora and 5th St., involv. 274,600 sq. ft. grading 5c sq. ft., 8540 lin. ft. curb 50c ft., 4596 lin. ft. 8-in. vit. pipe sewer $1 ft., 143,650 sq. ft. 3-in. macad. paving 10½c sq. ft.; 38,370 sq. ft. walk 17c sq. ft., water pipe complete, 6 junction chambers at $90 ea., 3 manholes at $115 ea., 2 flush tanks at $115, 122 hse. connections at $15.

F. R. Mosher, 118 S Kenwood, Glendale, low at $15,808 to imp. Brier Lane, Reynolds Ct. and other streets, involv. 472,200 sq. ft. grading 3c ft.; 2570 lin. ft. curb 50c ft; 2873 sq. ft. 5-in. conc. paving 21c ft; 27,460 sq. ft. 3-in. oil macad. paving 11c ft.; 10,200 sq. ft. walk 17c ft.; pipe complete, $2300.06 996 lin. ft. 8-in. vit. pipe at $1.45; 1 lamphole, $33; 2 junction chambers at $140 ea; 2 flush tanks at $170 ea; culvert complete, $350; ornam. light system complete, $1856; 36 hse. connections at $30.

W. J. Curren, 221-A W Broadway, Glendale, low at $8466 to imp. Raymond Ave., bet. Kenneth Rd. and Glenwood Rd., involving 53,213 sq. ft. grading 1c ft; 2133 lin. ft. curb 50c ft; 31,876 ft. 3-in. oil macad. 9.5c ft.; 10,837 sq. ft. walk 16c ft; pipe complete, $2110.

LONG BEACH, Cal.—Until 9:30 a. m., May 6, bids will be rec. by council to imp. under 1911 act Termino Ave. bet. 1st and Allin St., etc., grade and pave with 6-in. conc., const. curbs, walks, gutter, 6-in. connecting sewers. R. D. Van Alstine, city engr.; H. C. Waughop city clerk.

HAWTHORNE, Cal.—City trustees declare inten. to improve under 1911 and 1915 acts:

Eucalyptus Ave., bet. n city boundary and Wallace St, and portions of Truro Ave.; grade and pave with 1½-in. Willite wearing surface on 2½-in. asph. conc. base, with 2-in. D. G. cushion; const. curb, walks, gutters.

Broadway, bet. Birch and Prairie Aves., grade and pave with 2-in. Willite wearing surface on 2½-in. asph. conc. base and 2-in. D. G. cushion; construct curbs, gutters, walks, 17 c. i. post ornam. lighting system. W. B. Shaw, city clerk.

VENTURA COUNTY, Calif.—Following bids rec. April 28 by State Highway Commission, Forum Bldg., Sacramento for highway unit in Ventura county bet. Sea Cliff and Rancho El Rincon, 1.2-mi. to be graded, paved and protected by sea wall, involving 63,100 cu. yds. roadway embankment without classification; 17,050 cu. yds. structure excavation without classification; 6910 lin. ft. subgrade (preparing and shaping); 4020 cu. yds. class A cem. conc. (roadway pavement, curbs, gutters and sidewalk); 16,250 cu. yds. class A cem. conc. (sea wall); 990 cu. yds. class E cem. conc. (culverts); 845 hundredweight bar reinf. steel in place.

F. Rolandi, 550 Montgomery St., San Francisco $516,780
Dillon Patterson & Downs.... 544,189
Irey Bros. and D. A. Foley & Co 548,370
Hauser Construction Co..... 565,152
Lynn S. Atkinson 608,525
Ross Construction Co..... 711,225
Merritt Chapman & Scott Corp 1,070,222
Engineer's estimate 448,967

GILROY, Santa Clara Co., Cal. — Southwest Paving Co., Washington Bldg., Los Angeles, at approx. $450,000 submits low bid to city trustees to imp. various sts., involv. 137,000 sq. ft. conc. gutter; 26,000 sq. ft conc. walks; 1,200,000 ft. 4-in. asph. base with 1½-in. Warrenite surface; 200,000 sq. ft. 4-in. asph. base with 2-in. Warrenite surface; 150,000 sq. ft. resurface pavement, (1½-in. Warrenite); 25,000 lin. ft. conc. curb; 500 lin. ft. galv. iron culvert; 1000 lin. ft. 8-in. 9000 lin. ft. 10-in., 2500 lin. ft. 12-in., 1000 lin. ft. 15-in., and 1500 lin. ft. 18-in. vit. pipe; 63 catchbasins; 46 manholes; 3000 lin. ft. r.w. headers boards.

Others bidders were: Clark and Henery Const. Co.; Federal Paving Co.; Warren Const. Co.; A. Teichert and Son; Union Paving Co.; R. H. Crummey; Raisch Imp Co.; A. J. Peterson; L. A. Paving Co.

DOS PALOS, Merced Co., Cal.—Plans being completed by Consulting Engr. Andrew Jensen, Rowell Bldg., Fresno, for sewer system in Dos Palos Sanitary Sewer Dist., Dos Palos, Merced county. It is probable vit. pipe will be used.

SAN JOSE, Santa Clara Co., Cal.—Until May 13, 7:30 p. m., bids will be rec. by Walter L. Bachrodt, secy. Board of Education to pave Mastic street, fronting school property. Plans on file in office of City Eng. Wm. Popp.

SAN MATEO COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until May 19, 2 p. m. to grade 5.2-mi. in San Mateo county, bet. South San Francisco and Broadway Station. Project involv. 260,000 cu. yds. excavation without classification (dykes), 603,000 cu. yds. roadway embankment without classification (dredger fill), 1,600 cu. yds. Class "A" cem. conc. (structures), 1,800 hundredweights bar rein. steel in place (structures), 1,000 cu. yds. riprap in place, 40,000 ft. b. m. redwood lumber, 23,000 ft. b. m. Oregon pine lumber, 15,500 lin. ft. Douglas fir piles, 53 monuments. R. M. Morton, state highway eng.

LASSEN COUNTY, Calif.—Until May 26, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to pave with asph. macadam 4.5-mi. in Lassen County, bet. Susanville and Johnstonville. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

NEVADA STATE—Geo. W. Borden, state highway engineer, preparing plans for following units of state highway system: Clark county, across Mormon Mesa, 10.00-mi. gravel surfacing; Humboldt county, Winnemucca to Golconda, 10.50-mi. gravel surfacing; Humboldt county, in city of Winnemucca, 2.40-mi. gravel surfacing; Washoe county, from Sparks to Hafed, 7.00-mi. conc. and gravel surfacing; Lyon county, from Yerington to east county line, 13.00-mi. gravel surfacing; Elko county, from Pequop Summit to Silver zone, 17.20-mi. gravel surfacing.

IRVINGTON, Alameda Co., Cal.—Bids will be asked at once by Irvington Sanitary District to construct sewer system for which bonds of $75,000 were authorized. Approx. $50,000 will be expended at this time, the remaining $25,000 to go for future extensions.

FRESNO COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until May 19, 2 p. m. to surface with crushed stone or gravel, 6.9-mi. in Fresno county bet. 2-mi. east of Parkfield Junction and Coalinga. Project involv. 9,100 cu. yds. crushed stone or gravel. R. M. Morton, state highway eng.

NEVADA STATE—Geo. W. Borden, state highway engineer, has completed spec. for 10.25-mi. of gravel surfacing in Churchill county, from Westgate to Eastgate and for 3.20-mi. conc. and gravel surfacing in Clark county in City of Las Vegas. Plans have also been made for the construction of a railroad pass in Lander county to Austin. The latter is a Forest Highway Project.

SAN FRANCISCO—James M. Smith, 715 Ocean Ave., submitted low bid to Bd. Pub. Wks. to fur. and install concrete trolley poles for Ocean View extension to Muny Rlwy. System. Robert Jameson, submitted only other bid.

LOS ANGELES, Cal.—Until 10 a. m., May 12, bids will be rec. by Bd. Pub. Wks. to const. 6-in. to 10-in. cem. pipe san. sewer in Ave. 47, betw. 129.5 ft. s of York Blvd. and Toland Way; 1911 act.

LOS ANGELES, Cal.—W. D. McCray, 416 American Bank Bldg., submitted low bid to Bd. Pub. Wks. at $3480 to const. vit. pipe sewer in Fernwood Ave. bet. Hyperion and Sanborn Aves.

LOS ANGELES, Cal. — Bids rec. by supervisors to imp. Lemon St., betw. Workman Mill Rd. and Guirado St., and portions of other streets, under County Imp. No. 28, involv. (1) 8890 cu. yds. excav., incl. shaping; (2) 5803 ft. curb; (3) 7352 sq. yds. d. g. pavement; (4) 9093 sq. ft. gutter; (5) 7352 sq. yds. oil and screenings roadway, were:

Geo. J. Bock — (1) $1; (2) 70c; (3) 70c; (4) 30c; (5) 30c.

Ed Johnson & Sons—(1) 78c; (2) 65c; (3) 57c; (4) 28c; (5) 27c.

C. F. Mathews, 1550 Loma Vista St.—(1) 75c; (2) 72c; (3) 60c; (4) 28c; (5) 27c.

Walter S. Keen, 525 N Milton St.—(1) 61c; (2) 84c; (3) 49.75c; (4) 45c; (5) 23.5c.

O. U. Miracle—(1) 74c; (2) 72c; (3) 58c; (4) 30c; (5) 26c.

Griffith Co.—(1) 70c; (2) 70c; (3) 52c; (4) 30c; (5) 23c.

J. Paul Benson—(1) 75c; (2) 70c; (3) 60c; (4) 30c; (5) 25c.

EUREKA, Humboldt Co., Calif. — County Supervisors, Fred M. Kay, clerk declare inten. (No. 3-A) to grade and const. corru. iron culverts in portions of the Miranda Salmon Creek road, work to be done under Road Improvement Act of 1907. Bids will probably be asked at the May 13 session of the county board. A. J. Logan, county surveyor.

NEWPORT BEACH, Cal.—City trustees order plans for water system for Corona del Mar, a new subdivision comprising 210 lots; will include reservoir. Est. cost $50,000. Paul E. Kressly, H. W. Hellman Bldg., Los Angeles, engineer.

STOCKTON, San Joaquin Co., Cal.—Cy Moreing, Commercial Savings and Bank Bldg., Stockton, at approx. $59,500 awarded cont. by council to imp. portions of Walnut St., Harding Way, Willow and Lucerne Aves., College Dr., Oxford Ave., etc., involv. grading, construct comb. conc. curb and gutter conc. walks; pave with 4-in. crushed rock base with 2-in. asph. macadam wearing surface. Taken under advisement.

BAKERSFIELD, Kern Co., Cal.—Following bids rec. by county supervisors to imp. county road No. 269, being extension of 4th St., in Taft to Bakersfield highway:

F. W. Nighbert, Bakersfield (1) contractor furnish all materials and labor; cem. conc. pavement, $36,699; (2) county provide paver, four 3½-ton trucks with driver and operator and self propelled roller, $32,794.95; (3) county provide all materials and deliver paving material from county plant to point of work, $9000; (4) contractor to furnish all material for asph. conc. base and asph. wearing surface, county to provide roller, no bid; (5) same as 4 only that asph. wearing surface to be finished with Willite process pavement, no bid.

Calif. Constr. Co., San Francisco, bid on 5 only, at $29,600.

Chas. Wimmer, Bakersfield (1) $44,545; (2) $41,922; (3) $12,105.75; (4) no bid; (5) no bid.

W. J. Taylor, Vallejo (1) $34,030; (2) $10,614; no bids on 3,, 4 and 5.

First two named bids taken under advisement, others rejected.

SAN FRANCISCO—Jas. Tobin at $0.39 cu. yd. submits low bid to Bd. Pub. Wks. to imp. Jerrold Ave. bet. Newhall and Third Sts., involv. 11,115 cu. yds. to fill. Other bids: S. DeGuarda and F. Maestretti, $0.55; M. Bertolino, $0.50; Jas. M. Smith, $0.40.

SANTA BARBARA, Cal.—Const. of 12-in. water main in State St. bet. Sola and Gutierrez Sts. will be started July 1. Est. cost, $30,000. The pipe will probably be purchased at once. Geo. D. Morrison, city engineer.

SANTA BARBARA, Cal.—S. J. Krull, Santa Barbara, awarded cont. by council to imp. Garcia Rd., bet. Milpas St. and Camino Rey Alberto and portions of Diego Rd., involv. grade; pave with 5-in. cem. conc. at 25.5c sq. ft.; curb at 75c lin. ft.; main sewer complete, $80 lateral side connecting sewers $27.50 each; stub sewer $19; drainage work complete $98.50; lowering sewer on Garcia Rd., $250.

SAN JOSE, Santa Clara Co., Cal. — Council, John J. Lynch, city clerk, declares inten. to imp. 22nd St., bet. Santa Clara and William; San Fernando and San Antonio Sts., bet. 21st and 23rd Sts; Beach alley bet. 21st and 22nd Sts., involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curbs and gutters; cem. walks; hyd. cem. conc. alley driveways. 1911 Act & Bond Act 1915. Protests May 12. Wm. Popp, city eng.

SALINAS, Monterey Co., Cal.—Until May 19, 7:30 p. m., bids will be rec. by M. R. Keef, city clerk, to imp. San Luis St., bet. Main and West Sts., involving grading and paving with 5-in. hyd. conc.; const. 2 hyd. cem. conc. catchbasins; 8 and 10-in. corru. iron galv. culverts; 3 part circle corru. galv iron culverts. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Howard Cozzens, city eng.

ORANGE, Cal. — Orange and Riverside county supervisors discussing const. of 20-ft. highway across mountains from Elsinore to San Juan Capistrano, via Siever's Canyon; est. cost, $75,000.

OAKLAND, Cal.—City Council, E. K. Sturgis, clerk, declares inten. to imp. Birch st., bet. 94th and Jones Aves., involv. grade and pave; const. curbs, gutters and walks. 1911 Act. Protests May 15. W. W. Harmon, city engineer.

SAN FRANCISCO — Following is complete list of bids received by Bd. Pub. Wks. for street improvements:

Palou Ave., bet. Phelps and Rankin, involv. 5300 cu. yds. cut; 1350 cu. yds. fill; 2700 lin. ft. conc. curb; 2375 sq. ft. art. stone walks; 9 br. catchbasins; 300 lin. ft. 10-in. culverts; 72,900 sq. ft. conc. pavement:

Raisch Imp. Co. (low)	$30,972
Jas. M. Smith	31,815
City Const. Co.	34,109
Municipal Const. Co.	34,300

Oakdale Ave., bet. Lane and Railroad Aves., etc., involv. 1840 cu. yds. cut; 26 lin. ft. granite curb; reset 25 lin. ft. granite curb; 1625 lin. ft. conc. curb; 1155 sq. ft. art. stone walks; 4 br. catchbasins; 100 lin. ft. culvert; 52,470 sq. ft. asph. conc. pavement:

Jas. M. Smith (low)	$19,375
Municipal Const. Co.	19,776
Raisch Imp. Co.	19,845
City Const. Co.	20,344

Hamilton St., bet. Felton and Silver Aves., involv. 1250 cu. yds. cut; 1400 lin. ft. conc. curb; 23,000 sq. ft. asph. conc. pavement:

Municipal Const. Co. (low)	$10,464
Jas M. Smith	10,645
Raisch Imp. Co.	10,740

Chilton St., from Bosworth St. southerly, involv. 2150 cu. yds. cut; 800 lin. ft. conc. curb; 10,000 sq. ft. conc. pavement.

W. J. O'Connor (H. McGill)	$5428
F. J. Treacy	5486
J. P. Lawler	5610
Raisch Imp. Co.	7225
M. Bertolino	7483

Van Buren St., bet. Surrey and Sussex, etc., involv. 714 lin. ft. conc. curb; 7427 sq. ft. conc. pavement; 1148 sq. ft. asph. conc. pavement; 1 br. catchbasin 18 lin. ft. 10-in. culvert; 118 sq. ft. art. stone walks:

M. Bertolino (low)	$3349
City Const. Co.	3849

Jas. M. Smith, at $6584 only bidder to imp. Hawes St., bet. Hudson and Innes, involv. 476 lin. ft. granite curb; 425 sq. ft. art. stone walks; 17,300 sq. ft .asph. conc. pavement.

RICHMOND, Contra Costa Co., Cal.—City council, A. C. Faris, clerk, declares inten. to imp. McLaughlin and Lassen sts., bet. McBryde and Clinton Aves; Esmond Ave., bet. San Pablo and Humboldt Aves; Garvin and Clinton Aves., bet. San Pablo and Lassen and Solano Ave., bet. San Pablo and Key Blvd., involv. grade and pave with 8-in. Richmond standard macadam pavement; cem. conc. curbs, gutters, walks, wingwalls and portals; corru. iron and cem. conc. culverts. 1911 Act. Protests May 19. H. D. Chapman, city eng.

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. portions of Cherry St., involv. grade, $.04 sq. ft. conc. curb, $.75 lin. ft; conc. gutters, $.25 sq. ft.; oil macadam pave, $.11 sq. ft; cem. walks, $.17 sq. ft.

MERCED, Merced Co., Cal.—Valley Paving & Const. Co., Visalia, awarded contr. by city trustees to imp. portions of 26th and 27th Sts., bet. G and J Sts., involv. grading, $0.03 sq. ft.; 2½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface pavement, $0.20 sq. ft.; conc. curb, $0.64 lin. ft.; conc. gutter, $0.30 sq. ft.; open gutter, $0.36 sq. ft.

PASADENA, Cal.—Bids will be called shortly to imp. Green St., bet. Marengo and Hill Aves., 1.5 mi., involv. (all under one contract) grade; pave with cem. conc. and asph. surface, curb, gutters, walks, culverts, water pipes, street lighting system, underground tunnels. W. C. Earle, city engr. The est cost of this work will be in the neighborhood of $400,000, but no official estimate has been made.

OAKLAND, Cal.—Funds will be provided in 1924-25 budget to finance following improvements: $150,000 for West Oakland sewers; $40,000 for W-14th St. extension (replacing old trestle); $60,000 to complete Piedmont sanitary system; $80,000 to open and pave 8th and 10th Sts.; $10,000 as city's share to open E-12th St.; $30,000 for golf links road; $150,000 to widen 20th St. W. W. Harmon, city engineer.

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Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
1893	Holden	Terry	5000
1894	Raeta	Owner	6000
1895	Jackens	Owner	20000
1896	Arata	Leibert	26000
1897	Lawson	Britt	8000
1898	Reiner	Grosman	4000
1899	Holden	Terry	5000
1900	Schell	Owner	10000
1901	Hill	Owner	3000
1902	Kramerding	Owner	3500
1903	Sweet Sixteen	Miller	15000
1904	Heilmann	Owner	5000
1905	Grieb	Owner	35000
1906	Fiske	Owner	9000
1907	Heyman	Owner	16500
1908	Scott	Smith	8000
1909	Cahill	Cahill	10000
1910	Anderson	Owner	3000
1911	Gibson	Owner	3000
1912	Meyer	Owner	6000
1913	Lindeman	Lindeman	6500
1914	Lindeman	Lindeman	6500
1915	Huelter	Meyer	24675
1916	Lindblad	Lindeman	13250
1917	S F Society	Lindgren	25000
1918	Donnelly	Owner	16000
1919	Bacciocco	Johnson	15000
1920	Clancy	Owner	125000
1921	Hogrefe	Owner	35000
1922	Howard	Hirst	9000
1923	Kohlwes	Owner	10000
1924	Good Will	MacFarland	27000
1925	Binet	Owner	2500
1926	Same	Same	3000
1927	Seyhwartz	Owner	7000
1928	McCabe	Owner	8000
1929	Wilkse	Owner	1500
1930	Lang	Owner	10500
1931	Dempsey	Owner	8000
1932	Pilger	Ovenner	1500
1933	Anderson	Owner	4000
1934	Magill	Owner	7000
1935	Smith	Magill	7000
1932	Pilger	Ovenner	1500
1933	Anderson	Owner	4000
1934	Magill	Owner	7000
1935	Smith	Magill	7000
1936	Sandoran	Jones	1430
1937	Varney	Owner	6000
1938	Held	Owner	8000
1939	Acerct	Dahlberg	9000
1940	De Martini	Owner	1000
1941	Franceschi	Owner	8000
1942	Nelson	Owner	1500
1943	Gough	Spargo	14876
1944	Behrend	Rasmussen	2144
1945	Brady	Moller	3000
1946	McSharry	Kelly	6000
1947	Kari	Owner	4000
1948	McCook	Owner	25000
1949	Walsh	Delany	18500
1950	Twohy	Owner	4000
1951	Canepa	Paraport	4000
1952	Miller	Owner	8000
1953	Allred	Owner	48000
1954	Clorio	Owner	1885
1955	Moretti	Owner	4000
1956	Campbell	Owner	3000
1957	Homes Inv Co	Moore	4000
1958	Taylor	Wilson	20160
1959	Kerner	Hamill	7000
1960	Morris	Owner	4000
1961	Same	Owner	4000
1962	Same	Same	4000
1963	Bauer	Moore	15469
1964	Knox	Phoenix	4000
1965	R C Archbishop	Barrett	91000
1966	Venturi	Stevenson	10856
1967	Casella	Devencenzi	5000
1968	Independent	Peterson	85990
1969	Hemminga	Owner	4000
1970	Monihan	Owner	16000
1971	Alarren	Grace	4000
1972	Steur	Owner	90000
1973	Kanter	Owner	20000
1974	Marks	Moller	14000
1975	Crocker	Owner	3500
1976	Douglas	Milton	4950
1977	Telm	Owner	5000
1978	Dannemark	Forbes	7000
1979	Waugh	Owner	4900
1980	Campbell	Owner	4900
1981	Lindeman	Ownre	9000
1982	Short	McIntosh	5000
1983	Westgate	Papenhausen	9000
1984	Larney	Anderson	4000
1985	Lanssen	Owner	4000
1986	Hunt	Botman	8875
1987	Pearson	Johnson	7230
1988	Kelly	Miander	9250
1989	Fishbel	Lindeman	16000
1990	Fishbel	Lindeman	16000
1991	McCarthy	Arnott	3000
1992	Hadeler	Ingraham	10651
1993	Neil	Owner	2000
1994	Gust	Owner	3000
1995	Neil	Owner	2000
1996	Dow	Christiansen	16000
1997	Neil	Owner	2000
1998	Donerty	Owner	8000
1999	Hewlett	Leiter	32000
2000	Zucchi	Elliot	10000
2001	Costello	Owner	3000
2002	Rosenberg	Owner	3500
2003	Henry	Scott	3500
2004	Yngve	Owner	3000
2005	Howard	Owner	9000
2006	Hollman	Owner	2000
2007	Vassalle	Owner	2975
2008	Leighton	Wieland	2000
2009	Houweling	Owner	4800
2010	Smith	Owner	2500
2011	Thompson	Galliher	11400
2012	Lewis	Owner	20000
2013	Paratore	Owner	12000
2014	Schmidt	Schmidt	4000
2015	Zucchi	Elliot	12000
2016	Hewlett	Leiter	32000

DWELLING
(1893) N ALLSTON WAY 360 E Claremont Blvd. 1-story and basement frame dwelling.
Owner—St. George Holden, 308 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Wm. L. Terry, 88 Allston Way, San Francisco. $5000

DWELLINGS
(1894) W ATHENS 200 225 S France. Two 1-story and basement frame dwellings.
Owner—A. Raeta, 1101 Geneva Ave., San Francisco.
Architect—None. $3000 each

APARTMENTS
(1895) SE BALBOA & TWENTIETH Avenue. 2-story & basement frame (4) apartments.
Owner—John Jackens, care architect.
Architect—Quandt & Bros., Humboldt Bank Bldg., S. F. $20,000

WAREHOUSE
(1896) S BEACH 68-9 E Larkin. Reconstruct fire damage to warehouse.
Owner—Paul Arata.
Engineer—A. J. Mazurette, 722 Taylor St., San Francisco.
Contractor—J. G. Leibert, 180 Jessie St., San Francisco. $26,000

SHOP
(1897) S CLEMENTINA 275 E 6th. 1-story and mezzanine floor plumbing shop.
Owner—Lawson & Drucker, 465 Hayes St., San Francisco.
Architect—E. W. Young.
Contractor—O. W. Britt, 1257 Arguello Blvd., S. F. $8000

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DWELLING
(1898) E DELANO 25 N San Juan. 1-story and basement frame dwelling
Owner—M. Reiner, 95 Delano Ave., S. F.
Architect—None.
Contractor—W. E. Grossman, 47 Curtis St., San Francisco. $4000

DWELLING
(1899) N DORCHESTER 275 E Claremont Blvd. 1-story and basement frame dwelling.
Owner—St. George Holden, 308 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Wm. L. Terry, 88 Allston Way, San Francisco. $5000

MFG. PLANT
(1900) W ELEVENTH 80 S Mission. 1-story brick light manufacturing plant.
Owner—Samuel Schell, 180 Jessie St., San Francisco.
Architect—None. $10,000

DWELLING
(1901) S LONDON 150 S W France. 1-story and basement frame dwelling
Owner—Robert Hill, 193 Precita Ave., San Francisco.
Architect—None. $3000

DWELLING
(1902) E MADRID 225 S France. 1-sto. and basement frame dwelling.
Owner—H. Kramerding, 356 Sanchez St. San Francisco.
Architect—None. $3500

STORES
(1903) 938 MARKET STREET. General reconstruction of stores, new fronts, etc.
Owner—Sweet Sixteen Co., 882 Market St., San Francisco.
Architect—Henry Miller, 180 Jessie St., San Francisco. $15,000

RESIDENCE
(1904) W NORTH VIEW COURT 100-6 S Bay or S Bay bet. Polk and Larkin. 2-story & basement frame residence.
Owner—Louis Heilmann, 645 Bush St., Apt. 401, San Francisco.
Architect — G. Stahlberg, Flatiron Bldg., San Francisco. $5000

GARAGE
(1905) N PAGE 110 E Gough. 2-story and basement concrete public garage.
Owner—H. T. Grieb, 1020 Greenwich St. S. F. and A. Alpers, care archt.
Architect — O'Brien Bros., Inc., 315 Montgomery St., S. F. $35,000

APARTMENTS
(1906) W SIXTH 85 S Hugo. 2-story and basement frame (4) apts,
Owner—Fred Fiske, 1363 8th Ave., San Francisco.
Architect—None. $9000

DWELLINGS
(1907) E THIRTY-THIRD AVE. 25 50 75 S Cabrillo. Three 2-story and basement frame dwellings.
Owner—Oscar Heyman & Brother, 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco. $5500 each

DWELLING
(1908) LOT 9 BLOCK 22 ST. FRANCIS Wood Extension (Yerba Buena Avenue). 2-story and basement frame dwelling.
Owner—Daisy C. Scott, 247 Montgomery St., San Francisco.
Architect—None.
Contractor—B. O. Smith, 247 Montgomery St., S. F. $8000

RESIDENCE
(1909) S WEST CLAY bet. 22nd and 24th Aves. 3-story frame residence.
Owner—G. Cahill, Sharon Bldg., S. F.
Architect—Weeks & Day, Calif. Comm. Ins. Bldg., San Francisco.
Contractor—Cahill Bros., Sharon Bldg., San Francisco. $10,000

DWELLING
(1910) SW LOWELL 100 NW Brunswick. 1-story and basement frame dwelling.
Owner—Roy R. Anderson, 1329 Cole St. San Francisco.
Architect—Nelson E. Lutz, 521 Waller St., San Francisco. $3000

DWELLING
(1911) W NINETEENTH AVE. 274 N Kirkham. 1-story and basement frame dwelling.
Owner—R. N. Gibson, 55 5th St., San Francisco.
Architect—Willis Lowe. $3000

(1912) W TWENTY-NINTH AVE. 100 125 S Balboa. Two 1-story and basement frame dwellings.
Owner—Meyer Bros., 1 Montgomery St. San Francisco.
Architect—None. $3000 each

BUNGALOW
(1913) W TWENTY-SEVENTH AVE. 287 N Cabrillo N 25xW 120. All work for one-story frame bungalow.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—E. Lindeman.
Filed April 24, '24. Dated Mar. 3, '24.
Enclosed $1625
Rough plaster on..... 1625
Completed 1625
Usual 35 days..... 1625
TOTAL COST, $6500
Bond, none. Limit, 90 days. Forfeit, $3. Plans and specifications filed.
NOTE—Permit reported Mar. 1, 1924 No. 1146.

BUNGALOW
(1914) W THIRTY-FOURTH AVE 100 N Balboa N 25xW 120. All work for one-story frame bungalow.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—E. Lindeman.
Filed April 24, '24. Dated Mar. 3, '24.
Enclosed $1625
Rough plaster on..... 1625
Completed 1625
Usual 35 days..... 1625
TOTAL COST, $6500
Bond, none. Limit. 90 days. Forfeit, $3. Plans and specifications filed.
NOTE—Permit reported Feb. 29, 1924 No. 886.

BUILDINGS
(1915) E THIRTY-NINTH AVE 100 S Balboa S 125xE 120. All work for five one-story and basement frame buildings.
Owner—E. Huelter, 751 47th Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 1st Nat'l. Bank Bldg., San Francisco.
Filed Apr. 24, '24. Dated ———.
Side and roof sheathing on..$6168.75
Brown coated 6168.75
Completed and accepted..... 6168.75
Usual 35 days..... 6168.75
TOTAL COST, $24,675.00
Bond, none. Limit, 90 days. Forfeit, plans and specifications, none.
NOTE—Permit reported Apr. 4, 1924 No. 1546.

APARTMENTS
(1916) E GOUGH 25 S Francisco S 25 xE 112-6. All work for two-story frame apartments.
Owner—E. H. Lindblad, 619 27th Ave., San Francisco.
Architect—None.
Contractor—H. O. Lindeman, 619 27th Ave., San Francisco.
Filed April 24 '24. Dated Mar. 24, '24.
Enclosed $3312.50
Rough plaster on 3312.50
Completed and accepted..... 3312.50
Usual 35 days..... 3312.50
TOTAL COST, 13,250.00
Bond, none. Limit, 100 days. Forfeit, $5. Plans and specifications filed.
NOTE—Permit reported Mar. 25, 1924 No. 1337.

HOSPITAL
(1917)) NW ALABAMA & SIXTEENTH One-story concrete animal hospital.
Owner—San Francisco Society for the Prevention of Cruelty to Animals, Premises.
Architect—Geo. W. Smith, Santa Barbara, Calif.
Contractor — Lindgren & Swirerton, Inc., 622 Standard Oil Bldg., San Francisco. $25,000

FRAME FLATS
(1918) E DIVISADERO 144-5 N Filbert. Two-story and basement frame (2) flats.
Owner—A. F. Donnelly, 2622 Franklin St., San Francisco.
Architect—None. $16,000

RESIDENCE
(1919)) NW FILBERT AND PIERCE. Two-story and basement frame residence.
Owner—J. Bacciocco.
Architect—None.
Contractor—Louis Johnson, 729 Occidental Ave., San Mateo. $15,000

APARTMENTS
(1920)) NW FRANKLIN AND WASHington. Six-story and basement brick (30) apartments.
Owner—D. J. Clancy, 2882 Folsom St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., S. F. $125,000

APARTMENTS
(1921) NW GREENWICH AND POLK. Three-story and basement frame (12) apartments.
Owner—Herman Hogrefe.
Architect—Edward E. Young, 2022 California St., S. F. $35,000

FRAME FLATS
(1922)) W LAPIDGE 145 S 18th. Two-story and basement frame (2) flats
Owner—C. M. Howard, 1222 22nd Ave., San Francisco.
Architect—H. J. Horst, 1714 Webster St., Alameda.
Contractor—H. JJ. Horst, 1714 Webster St., Alameda. $9000

APARTMENTS
(1923) S LINCOLN WAY 57-6 E 8th Ave. Two-story and basement frame (4) apartments.
Owner—Kohlwes & Staton, 1037 Lincoln Way, San Francisco.
Architect—None. $10,000

STORES, ETC.
(1924) W MISSION 60 N Sixteenth. Two-story concrete and hollow tile stores and lofts.
Owner—Good Will Industries, Inc., 1980 Mission St., San Francisco.
Designer—J. H. McFarland, 830 Post St., San Francisco.
Contractor—J. H. McFarland, 830 Post St., San Francisco. $27,000

DWELLING
(1925) S NIAGARA 74 E Huron. One-story and basement frame dwlg.
Owner—John J. Binet, 336 Church St., San Francisco.
Architect—None. $2500

DWELLING
(1926) SE NIAGARA AND HURON. One-story and basement frame dwelling.
Owner—John J. Binet, 336 Church St., San Francisco.
Architect—None. $3000

FRAME FLATS
(1927)) W PALM AVE 75 N Geary. Two-story and basement frame (2) flats.
Owne:—Chas. Schwarz, 185 Stevenson St., San Francisco.
Architect—None. $7000

APARTMENTS
(1928) SE PARNASSUS AVE & WILlard St. Two-story and basement frame (4) apartments.
Owner—Mrs. Emma McCabe, 825 Monadnock Bldg., S. F.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. $8000

DWELLING
(1929) W PEABODY 69 S Visitacion. One-story and basement frame dwelling.
Owner—Mrs. Emma Wilkse, 950 Rutland St., San Francisco.
Architect — John Wilkse, 950 Rutland St., San Francisco. $1500

DWELLINGS
(1930) N PORTOLA DRIVE 350, 385 450 Kensington Way. Three one-story and basement frame dwlgs.
Owner—Lang Realty Co., 219 First National Bank Bldg., S. F.
Architect — H. Stoner, 219 First Nat'l Bank Bldg., S. F. $3500 each

FRAME FLATS
(1931) E PRESIDIO AVE 97-2¼ S Jackson. Two-story and basement frame (2) flats.
Owner—H. J. Dempsey, 825 Monadnock Bldg., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco. $8000

RESIDENCE
(1932) W THIRTY-THIRD AVE 125 S Geary. One-story frame residence.
Owner—Mrs. T. Pilger, 2422 Fulton St., San Francisco.
Architect—None.
Contractor—L. D. Ovenner, 501 33rd Ave., San Francisco. $1500

DWELLING
(1933) E TWENTY-SECOND AVE 104 S Irvine. Two-story and basement frame dwelling.
Owner—Fred Anderson, % Architect.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $4000

FRAME FLATS
(1934) E TWENTY-SECOND AVE 195 N Fulton. Two-story and basement frame (2) flats.
Owner—W. W. Magill, 581 4th Ave., San Francisco.
Architect—None. $7000

FRAME FLATS
(1935) E TWENTY-SEVENTH AVE 157-6 S Balboa. Two-story and basement frame (2) flats.
Owner—C. Smith, 581 4th Ave., S. F.
Architect—None.
Contractor—C. T. Magill, 581 4th Ave., San Francisco. $7000

ADDITION
(1936) 522 THIRTY-SIXTH AVE. Add one room to dwelling, plaster front.
Owner—W. E. Vandoran, 522 36th Ave. San Francisco.
Architect—None.
Contractor — Thomas M. Jones, 3767 Army St., S. F. $1430

DWELLING
(1937) E FORESTSIDE 330 N Ulloa. One-story and basement frame dwelling.
Owner—F. W. Varney, 860 Bush St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $6000

DWELLINGS
1938) E FORTY-FOURTH AVE 160 and 185 N Balboa. Two one-story nad basement frame dwellings.
Owner—J. Held, 1 Montgomery St., San Francisco.
Architect—None. $4000 each

FRAME FLATS
(1939) W FOURTEENTH AVE 106-2 S Irving. Two-story and basement frame (2) flats.
Owner—Mrs. and Mrs. Emil Aceret, 717 Baker St., San Francisco.
Architect—None.
Contractor—Dahlberg & Peterson. 1560 10th Ave., S. F. $9000

ALTERATIONS
(1940) NO. 1464 HYDE. Raise dwelling and store and underpin same with brick wall.
Owner — Frank DeMartini, 720 Green St., San Francisco.
Architect—None. $1000

FRAME FLATS
(1941) N UNION 130 E Buchanan. Two-story and basement frame (2) flats and store.
Owner—V. Franceschi, 1993 Union St., San Francisco.
Architect—J. A. Forporato, 619 Washington St., San Francisco. $8000

DWELLING
(1942) S VICENTE 268 W Wawona. One-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park, S. F.
Architect—None. $1500

BUILDING
(1943) W CAPP 185 S Seventeenth S 25 W 91 S 25 W 31-6 N 50 E 122-6. All work for two-story and reinforced concrete building.
Owner—Gough Land & Livestock Co., % Architect.
Architect—Alfred I. Schwartz, 14 Montgomery St., San Francisco
Contractor—John Spargo, Russ Bldg., San Francisco.
Filed Apr. 26, '24. Dated Apr. 22, '24.
2nd floor joists in.....$3719
Roof boards in place..... 3719
Completed and accepted..... 3719
1 equal 35 days..... 3719
TOTAL COST, $14,876
Bond, $7438. Sureties, John Hayden & Theo. De Pass. Limit, 60 days. Forfeit, none. Plans and specifications filed
NOTE—Permit reported Apr. 23, 1924, No 1350.

RESIDENCE
(1944) NE ARGUELLO BLVD. AND Jackson. Grading and concrete work for two-story and basement frame residence.
Owner—Julius Behrend by James Jensen, 354 Pine St., S. F.
Architect—Alfred H. Jacobs, 110 Sutter St., San Francisco.
Contractor—Rasmussen & Mallard.
Filed April 26, '24. Dated Apr. 19, '24.
1st story joists set.....$1200
Completed and accepted..... 408
Usual 35 days..... 536
TOTAL COST, $2144
Bond, $2144. Surety, Jas. Jensen. Limit, forfeit plans and specifications, none.
NOTE—Permit reported Apr. 16, 1924 No 1764.

FLAT, ETC.
(1945) SE ANZA & THIRTY-FIFTH Ave. Addition of 5-room flat and store.
Owner — Chas. Brady, 280 18th Ave., San Francisco.
Architect—None.
Contractor—John Miller, 3521 Anza St., San Francisco. $3000

ADDITIONS
(1946) NO. 828 ARGUELLO BLVD. Additions and alterations to one-story frame dwelling for (2) flats.
Owner—John J. McSharry, Premises.
Architect—None.
Contractor — R. H. Kelly, 57 Grattan St., San Francisco. $6000

DWELLING
(1947) NW BRAZIL AND MOSCOW. One-story and basement frame dwelling.
Owner—Bernhard Kari, 159 Liberty St., San Francisco.
Architect—None. $4000

APARTMENTS
(1948) NE BROADWAY & LARKIN. Three-story and basement frame (12) apartments.
Owner—J. J. McCook.
Architect — O'Brien Bros., 315 Montgomery St., S. F. $25,000

APARTMENTS
(1949) N BROADWAY 97-6 W Leavenworth. Two-story and basement frame (6) apartments.
Owner—Marta Walsh.
Architect—E. E. Young, 2002 California St., San Francisco.
Contractor—Wm. A. Delany, 1544 California St., S. F. $18,500

ADDITIONS
(1950) NO. 2511 BROADWAY. Construct brick (private) garage and minor additions to residence.
Owner—John A. Twohy, 2418 Webster St., San Francisco.
Architect—Powers & Ahnden, 46 Montgomery St., S. F. $4000

DWELLING
(1951) SE FRANCISCO & LEAVENworth. One-story and basement frame dwelling.
Owner—A. Canepa.
Architect—Albert Fabre and Ernest H. Hildebrand, 110 Sutter St., S. F.
Contractor—R. Parapori, 4261 23rd St., San Francisco. $4000

APARTMENTS
(1952) NE FUNSTON AVE AND Irving. Three-story frame (4) apartments.
Owner—Wm. A. Miller, 671 27th Ave., San Francisco.
Architect—None. $8000

DWELLINGS
(1953) NE HOLLOWAY AND LUNADO and E Lunado 50, 100 150, 200, 250, 300, 350, 400, 450, 500 and 550 N Holloway. 12 one-story and basement frame dwellings.
Owner—C. S. Allred, 159 Liberty St., San Francisco.
Architect—None. $4000 each

DWELLING
(1954) NE JENNINGS AND MEADE Aves. One-story addition to dwlg.
Owner—A. Clorio, 3539 Jennings St., San Francisco.
Architect—None. $1885

DWELLING
(1955) — MISSION & WHIPPLE AV. Two-story and basement frame dwelling.
Owner—W. Moretti, 363 Lombard St., San Francisco.
Architect—Louis Mastropasqua, 560 Washington St., S. F. $4000

DWELLING
(1956) NE PERSIA 50 W London. One-story and basement frame dwelling.
Owner—A. L. Campbell, 378 London St., San Francisco.
Architect—None. $3000

ALTERATIONS
(1957) NO. 68 POST. Remodel lavatory quarters for offices and enlarge other lavatory quarters on 8th floor.
Owner—Holmes Invst. Co., Premises.
Architect—Albert Farr and J. Francis Ward, Associate 68 Post St., San Francisco.
Contractor—Moore & Watson, 77 O'Farrell St., San Francisco. $4000

RESIDENCE
(1958) W SANTA CLARA AVE 360 N Monterey Blvd. Three-story and basement frame residence.
Owner—Edward De Witt Taylor, 404 Mission St., San Francisco.
Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor — Wilson & Benson, 126 Ashton Ave., S. F. $20,160

FLATS
(1959) E THIRTIETH AVE 150 S California. Two-story and basement frame (2) flats.
Owner—Harry Kerner, 6140 Geary St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $7000

DWELLING
(1960) E VICTORIA 49 N Holloway. One-story and basement frame dwelling.
Owner—G. W. Morris, 152 Jordan Ave., San Francisco.
Plans by Owner. $4000

DWELLING
(1961) W VICTORIA 250 N Holloway. One-story and basement frame dwelling.
Owner—G. W. Morris, 152 Jordan Ave., San Francisco.
Plans by Owner. $4000

DWELLING
(1962) W VICTORIA 350 N Holloway. One-story and basement frame dwelling.
Owner—G. W. Morris, 152 Jordan Ave., San Francisco.
Plans by Owner. $4000

RESIDENCE
(1963) S WASHINGTON 89-7 W Cherry. Two-story and basement frame residence.
Owner — Mrs. Therese E. Bauer, 3870 Clay St., San Francisco.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.
Contractor — Moore & Watson, 77 O'Farrell St., S. F. $15,469

SIDEWALK LIGHTS
(1964) SW GRANT AVE & VALLEJO. Install new sidewalk lights.
Owner—Dr. A. J. Knox, 203 Grant Bldg. San Francisco.
Architect—None.
Contractor—Phoenix Sidewalk Light Co., Monadnock Bldg., S. F. $1000

SCHOOL
(1965) E FAIR OAKS 125 S Twenty-fourth S 102xE 100. All work for two-story and basement Class C concrete frame school building.
Owner—The Roman Catholic Archbishop of S. F. 1100 Franklin St., San Francisco.
Architect—Alfred I. Coffey, 312 Humboldt Bank Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francsico.
Filed April 28, '24. Dated April 17, '24.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST $391,000
Bond, $45,500. Surety, Fidelity & Deposit Co. of Maryland. Limit, 120 days.

Forfeit, $10. Plans and specifications filed.
NOTE—Permit reported Apr. 24, 1924 No. 1881.

FRAME FLATS
(1966) COM. AT PT. DISTANT 100 fm NW Tiffany Ave and 457 NE from N 29th St. NE 25 NW 110.47 SE 25-5¾. All work for two-story and basement frame flats.
Owner—Frederico and Clorinda Venturi, 152 Lundy Lane, S. F.
Architect—None.
Contractor—L. H. Stevenson, 45 Worth St., San Francisco.
Filed Apr. 28, '24. Dated Apr. 16, '24.
Frame up $2714
1st coat plaster on..... 2714
Completed 2714
Usual 35 days..... 2714
TOTAL COST, $10,856
Bond, none. Limit, 30 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported Apr. 19, 1924 No. 1812.

FRAME BLDG.
(1967) S FILBERT 77-6 W Taylor. All work for two-story and basement frame building.
Owner—Dr. F. G. Casella 583 Green St., San Francisco.
Architect—None.
Contractor — Devincenzi Bros., 1082 Union St., Apt. 2, S. F.
Filed Apr. 28, '24. Dated Feb. 24, '24.
Roof on $1250
Brown coated 1250
Completed and accepted..... 1250
Usual 35 days..... 1250
TOTAL COST, $5000
Bond, $2500. Sureties, L. Perrano and Dominic Devincenzi. Limit, forfeit, none. Plans and specifications filed.
NOTE—Permit reported Feb. 14, 1924 No. 622.

LAUNDRY
(1968) ALABAMA, EIGHTEENTH & Florida Sts. 1-story reinforced concrete laundry.
Owner—Independent Laundry Co., 19th and Bryant Sts., S. F.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—Peterson & Pearson, 770 5th Ave., S. F. $85,990.

DWELLING
(1969) E FORTY-FIFTH AVE. 195 S Geary. 2-story and basement frame dwelling.
Owner—Nick Hemminga, 705 22nd Ave. San Francisco.
Architect—None. $4000

APARTMENTS
(1970) NW GUERRERO AND 19TH Sts. 2-story frame (4) apartments.
Owner—J. Monihan, 770 5th Ave., S. F.
Architect—John J. Foley, 770 5th Ave. San Francisco. $16,000

DWELLING
(1971) W POTRERO AVE. 110 S 23RD. 1-story and basement frame dwlg.
Owner—Nellie G. Marren, 2710 23rd St., San Francisco.
Architect—None.
Contractor—J. T. Grace, 954 Potrero Ave. S. F. $4000

APARTMENTS
(1972) N SUTTER 87-6 W Leavenworth. 6-story and basement brick (46) apartments.
Owner—J. Steur, 760 Geary St., S. F.
Architect—J. C. Hladik, Monadnock Bldg., S. F. $90,000

APARTMENTS
(1973) W TWENTY-SIXTH AVE. 340 S Geary. 2-story and basement frame (8) apartments.
Owner—John Kanter, 5232 Geary St., San Francisco.
Architect—Archie Newsom, Wells Fargo Bank Bldg., S. F. $20,000

APARTMENTS
(1974) N CALIFORNIA 136 E Arguello Blvd. 2-story and basement frame (4) apartments.
Owner—M. H. Marks.
Architect—None.
Contractor — R. W. Moller, 630 Call Bldg., S. F. $14,000

DWELLINGS
(1975) W CORDOVA 25, 50, 75, 100, 125, 150, 175, 200 S Winding Way. Eight 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., S. F.
Architect—None. $3500 each.

DWELLING
(1976) E FORTY-SECOND AVE. 133 S Anza 2-story and basement frame dwelling.
Owner—R. C. Douglas, 441 25th Ave., San Francisco.
Architect—None.
Contractor—Milton Bros., 375 22nd Ave. San Francisco. $4950

DWELLING
(1977) E GENESEE 25 S JOOST AVE. 1-story and basement frame dwlg.
Owner—Gust Jelm, 854 Fell St., S. F.
Architect—None. $5000

GROCERY PLANT
(1978) N HOWARD 275 E EIGHTH. 1-story wholesale grocery plant.
Owner—George Dannemark, —.
Architect—None.
Contractor—R. J. H. Forbes, 1050 Monadnock Bldg., S. F. $7000

DWELLING
(1979) N JOOST 250 W EDNA. 1-story and basement frmae dwlg.
Owner—Edwin B. Waugh, 2737 22nd St. San Francisco.
Architect—None. $4900

DWELLING
(1980) N JOOST AVE. 225 W EDNA. 1-story and basement frame dwlg.
Owner—Florence G. Campbell, 2737 22nd St., S. F.
Architect—None. $4900

APARTMENTS
(1981) W OCTAVIA 75 S Francisco. 2-story and basement frame (4) apartments.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None. $9000

ALTERATIONS
(1982) 589 SANCHEZ STREET. Remodel residence for 2 flats.
Owner—Wm. Short, 589 Sanchez St., San Francisco.
Architect—Aug. G. Headman, New Call Bldg., S. F.
Contractor—McIntosh Bros., 180 Jessie St., S. F. $5000

RESIDENCE
(1983) W SAN FERNANDO 101 N Monterey Blvd. 2-story and basement frame residence.
Owner—Westgate Park Co., 278 Post St., San Francisco.
Architect—Matsen & Hurd, 278 Post St. San Francisco.
Contractor—H. Papenhausen, 532 3rd Ave., S. F. $9000

DWELLING
(1984) NW SAN MATEO AND SAN Diego Aves. 1-story and basement frame dwelling.
Owner—Mrs. T. Curtis Larney, Daly City Calif.
Architect and contractor — C. A. Anderson, 256 N-Park Ave., Daly City Calif. $4000

DWELLING
(1985) E THIRTY-SECOND AVE. 150 N Clement. 1-story and basement frame dwelling.
Owner—E. A. Janssen, 402 Hearst Bldg San Francisco.
Architect—None. $4000

CONCRETE, ETC.
(1986) N SEVENTEENTH 30 W CAPP 25 x 100. All work for plain and reinforced concrete and cement work for building.
Owner—Charles M. Hunt, 3264 17th St., San Francisco.
Architect—None.
Contractor—John Botman, 739 Brannan St., S. F.
Filed Apr. 29, 1924. Dated Mar. 11, 1924
1st story forms up.....$2281.75
Roof on 2281.75
Completed 2281.75
Usual 35 days 2281.75
TOTAL COST, $8875.00
Bond, sureties, frofeit, none. Limit, 90 days. Plans and specifications not filed.
NOTE—Permit reported Mar. 29, 1924 No. 1441.

FLATS
(1987) S IVY 156-3 E BUCHANAN. All work except electric fixtures and finish hardware for 2-story & basement frame flat bldg.
Owner—O. Pearson, C. W. Johnson and Hjalmer Anderson, 562 Hayes St., San Francisco.
Architect—None.
Contractor — Johnson & Anderson, 4 Steiner St., S. F.
Filed Apr. 29, 1924. Dated Apr. 17, 1924.
Enclosed .....¼
Interior plaster finished .....¼
Completed an daccepted .....¼
Usual 35 days .....¼
TOTAL COST, $7230
Bond, $3600. Sureties, United States Fidelity & Guarantee Co. Forfeit, limit, none. Plans and specifications filed.
NOTE—Permit reported Apr. 18, 1924 No. 1794.

FRAME BLDG.
(1988) S JERSEY 165 E CHURCH 25-6 x 114. All work for 2-story frame bldg.
Owner—W. Kelly, 165 Jersey St., S. F.
Architect—None.
Contractor—E. Wiander, 41 Coleridge St., S. F.
Filed Apr. 29, 1924. Dated Apr. 26, 1924
Frame up $2312.50
Brown coated 2312.50
Completed 2312.50
Usual 35 days 2312.50
TOTAL COST, $9250
Bond, $4625. Sureties, John Devine and Sabie Wiander. Forfeit, none. Limit, 90 days. Plans and specifications filed.
NOTE—Permit reported Apr. 19, 1924, No. 1807.

APARTMENTS
(1989) N SACRAMENTO 35-6 W Cherry W 25 x N 102-8¼. All work for 2-story and basement frame apartment building.
Owner—Anna Fishel, —.
Architect—None.
Contractor—H. O. Lindeman, 619 27th Ave., S. F.
Filed Apr. 29, 1924. Dated Mar. 12, 1924
On execution of this contract.$3950
Roof on 3025
Brown coated 3025
Completed and accepted 3025
Usual 35 days 3025
TOTAL COST, $16,000
Bond sureties, forfeit, none. Limit, 120 days. Plans and specifications filed.

APARTMENTS
(1990) N SACRAMENTO 60-6 W Cherry W 25 x N 102-8¼. All work for 2-story and basement frame apartment building.
Owner—Anna Fishel, —.
Architect—None.
Contractor—H. O. Lindeman, 619 27th Ave., S. F.
Filed Apr. 29, 1924. Dated Mar. 12, 1924
On execution of this contract.$3950
Roof on 3025
Brown coated 3025
Completed and accepted 3025
Usual 35 days 3025
TOTAL COST, $16,000
Bond, sureties, forfeit, none. Limit, 120 days. Plans and specifications filed.

BUNGALOW
(1991) E LEE AVE. 175 S Grafton Ave S 25 E 112-6, Lot 14, Blk. D, Lakeview. All work for 1-story frame bungalow.
Owner—The McCarthy Co., 316 Bush St., S. F.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, S. F.
Filed Apr. 29, 1924. Dated Feb. 14, 1924
30 days after frame up.....25%
30 days after brown coated 25%
30 days after com. & accepted..25%
Usual 35 days 25%
TOTAL COST, $3000
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

APARTMENTS
(1992) N SEVENTEENTH 75 W Mission. All work except plumbing, painting heating and electrical work for 3-story apartment house and stores.
Owner—C. Hadeler, care of architect.
Architect—Arthur G. Scholz, 839 Phelan Bldg., S. F.
Contactor — M. C. Ingraham, 165 Fell St., S. F.
Filed Apr. 29, 1924. Dated Apr. 29, 1924.
Ready for roofing $2662.75
Brown coated 2662.75

Completed and accepted 2662.75
Usual 35 days 2662.75
TOTAL COST, $10,651
Bond, $5325. Sureties, J. C. Moore, Jr., and J. C. Moore. Forfeit, $2.00. Limit, 90 days after May 1. Plans and specifications filed.
NOTE—Permit reported Apr. 19, 1924, No. 1813.

ALTERATIONS
222 CLINTON PARK. All work for painting and papering for alterations to building.
Owner—Valentine & Julia Krysiak, —.
Architect—None.
Contractor — Matkevich & Strzelicki, 1235 Powell St., S. F.
Filed Apr. 29, 1924. Dated Apr. —, 1924.
On completion 75%
Usual 35 days 25%
TOTAL COST, $775.
Bond, $775. Sureties Fidelity & Deposit Co. of Maryland. Forfeit, none. Limit, 60 days. Specifications filed. Plans not filed.
NOTE—Permit reported Feb. 21, 1924 No. 760.

DWELLING
(1993) N HAVELOCK 125 E Edna. One-story and basement frame dwelling.
Owner—Robt. Neil, 106 Burrows St., San Francisco.
Plans by Owner. $2000

DWELLING
(1994) N SEARS 205 NE Sickles. One story and basement frame dwlg.
Owner—Gust & Caragiozis, 41 Shakespeare St., Daly City.
Architect—W. F. Lovell, 605 Waller St., San Francisco. $3000

DWELLING
(1995) N HAVELOCK 150 E Edna. One-story and basement frame dwelling.
Owner—Robt. Neil, 106 Burrows St., San Francisco.
Plans by Owner. $2000

APARTMENTS
(1996) W FOURTEENTH AVE 127 N Balboa. Three-story and basement frame (6) apartments.
Owner—Mrs. O. Dow, % Contractor.
Architect—None.
Contractor — Christiansen Bros., 578 25th Ave., S. F. $16,000

DWELLING
(1997) N HAVELOCK 175 E Edna. One-story and basement frame dwelling.
Owner—Alex Neil, 1542 47th Ave., San Francisco.
Plans by Owner. $2000

FRAME FLATS
(1998) E TWENTY-SEVENTH AVE 150 S Irving. Two-story and basement frame (2) flats.
Owner — Thos. O. Doherty, 1224 45th Ave., San Francisco.
Architetct—None. $8000

RESIDENCE
(1999) N WASHINGTON 52-9 E Cherry Two-story basement and attic frame residence.
Owner—Louise R. and A. W. Hewlett, 2442 Union St., San Francisco.
Architect—Edgar A. Mathews, Call Bldg., San Francisco.
Contractor—E. T. Leiter & Sons, Call Bldg., San Francisco. $52,000

FRAME FLATS
(2000) E FRANKLIN 82-6 S Bay. Two-story and basement frame (2) flats.
Owner—Ernestine and Armando Zucchi, 608 Montgomery St., S. F.
Architect—A. G. Rizzoli, 2897 Folsom St., San Francisco.
Contractor—Elliot & Grant, 180 Jessie St., San Francisco. $10,000

DWELLING
(2001) W THIRTY-THIRD AVE 200 S Balboa. One-story and basement frame dwelling.
Owner—William Costello, 758 29th Ave. San Francisco.
Architect—None. $3000

DWELLING
(2002) E ALABAMA 75 N 23RD. 1-story and basement frame dwlg.
Owner Sam Rosenberg, 12 Oak St., San Francisco.
Architect—None. $3500

ADDITION
(2003) 2572 CALIFORNIA ST. Addition for dwelling.
Owner—Jos. Henry, 2572 California St., San Francisco.
Architect None.
Contractor F. H. Scott, 1304 Webster St., S. F. $3500

DWELLING
(2004) W DOWNEY 17 N ASHBURY. 1-story and basement frame dwlg.
Owner—Karl Yngve, 133 Alpine Terrace, S. F.
Architect None. $3000

FLATS
(2005) S EIGHTEENTH 145 W Lapidge. 2-story and basement frame (2) flats.
Owner—C. M. Howard, 1258 2nd Ave., San Francisco.
Architect—H. V. Horst, 1704 Webster St., Alameda, Calif. $9000

DWELLING
(2006) S LIEBIG 200 E SAN JOSE 1-story and basement frame dwlg.
Owner—J. Hollman, Sr., 49 Liebig St., San Francisco.
Plans by Owner. $2000

DWELLING
(2007) E MENDELL 75 S La Salle. 1-story and basement frame dwlg.
Owner—Vassallo & Abela, 1779 McKinnon Ave., S. F.
Plans by Owner. $2975

ALTERATIONS
(2008) E POWELL 110 S Powell. Rearrange partitions; construct tile wainscoting for dairy lunch rooms.
Owner—Leighton Industries, Inc.,Flood Bldg., S. F.
Consulting Engineer — C. F. Wieland 1802 Claus Spreckels Bldg., S. F. $2000

DWELLING
(2009) NW PRAGUE 100 W Naylor. 1-story and basement frame dwlg.
Owner—T. J. Houweling, 830 Prague St., S. F.
Architect—None. $1800

DWELLING
(2010) N SANTIAGO 82-6 E 22ND Ave. 1-story and basement frame dwelling.
Owner—Andrew B. Smith and wife, 725 California St., S. F.
Architect and Contractor—Andrew B. Smith, 725 California St., S. F. $2500

DWELLINGS
(2011) S WHITTIER 106-6, 132-6, 158-6, and 184-6 W Brunswick. Four 1-story and basement frame dwellings.
Owner—H. S. Thompson, Charles and Mission Sts., S. F.
Architect—None.
Contractor—Galliher Bros., 1327 Fairmount St., S. F. $2850 each

APARTMENTS
(2012) S DUPOCE 206-8 E Guerrero. 2-story and basement frame (8) apartments.
Owner—David Lewis, 4143 23rd St., San Francisco.
Architect—None. $20,000

DWELLINGS
(2013) S FRANCISCO 31-6, 58-6 AND 85-6 E Leavenworth. Three 1-story and basement frame dwlgs.
Owner—R. Paratore, 4261 23rd St., San Francisco.
Architect—Albert J. Fabre and Ernest H. Hildebrand, 110 Sutter St., San Francisco. $4000 each.

FLATS
(2014) N PRECITA AVE. 175 W Shotwell. 2-story and basement frame (2) flats.
Owner John C. Schmidt, 136 Precita Ave., S. F.
Architect — Adolph Schmidt, 136 Precita Ave., S. F. $4000

FLATS
(2015) E FRANKLIN 82-6 S BAY S 30 x E 75. All work for 2-story and basement frame bldg., 2 flats.
Owner—Ernestine & Armando Zucchi, 608 Montgomery St., S. F.
Architect—None.
Contractor—Elliot & Grant, 180 Jessie St., S. F.
Filed Apr. 30, 1924. Dated Apr. 29, 1924
2nd mortgage $1400
Ready for lath and plaster.... 2650
Plastered ready for trimming.. 2650
Completed and accepted 2650
Usual 35 days 2650
TOTAL COST, $12,000
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

FRAME BLDG.
(2016) N WASHINGTON 52-9 E Geary E 65 x N 119-6. All work for 2-story and attic frame bldg.
Owner—A. W. and Louise R. Hewlett, 2442 Union St., S. F.
Architect—Edgar A. Mathews and Horace G. Simpson, Call Bldg., S. F.
Contractor—E. T. Leiter & Sons, Call Bldg., S. F.
Filed Apr. 30, 1924. Dated Apr. 28, 1924
Payments monthly of 75% of work done and material furnished. Balance including $2100 35 days after.
TOTAL COST, $29,900
Bond, sureties, forfeit, none. Limit, 150 days. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
April 24, 1924—SW FIFTEENTH AV and Anza. M P Storheim to whom it may concern.....April 24, 1924
April 24 1924—W GIRARD 125 S Olmstead S 25xW 120. Victor Fratessa to Jos S Fratessa.....April 23 1923
April 24, 1924—W NINETEENTH AV 220-10 N Lawton N 29-2xW 140. John A Pereira to whom it may concern.....April 24, 1924
April 24 1924—NW OCEAN AVE & Jules Ave 25x96. S Honig to whom it may concern.....April 15, 1924
April 24, 1924—S CLEMENT 60 E Twenty-seventh Ave E 80xS 100. Joseph Pasqualetti to whom it may concern.....April 21, 1924
April 24, 1924—NO. 241 GEARY. Rosenthal's Inc to Gilley Schmid Co. Inc.....April 21, 1924
April 24, 1924 N LOMBARD 31-3 W Octavia 25x82-6. S Steinauer to whom it may concern..April 23, 1924
April 24 1924—N ANZA 56-6 W 43rd Ave W 50x120. Elliot & Grant to whom it may concern..April 24, '24
April 24, 1924—SE TARAVAL 106 E Cortez E 40x100. John and Elizabeth Mowat to whom it may concern .....April 17, 1924
April 24, 1924—N ANZA 56-6 W 43rd Ave W 50x120. Elliot & Grant to whom it may concern...April 24, '24
April 25, 1924—N LAKE 85 E 12th Ave E 35xN 72. Samuel and Jennie Ross to Meyer Bros.....April 21, 1924
April 25, 1924—N PAGE 65 E Buchanan E 45xN 120. Louis Lo Presti to W S King...April 25, 1924
April 25, 1924—N CLINTON PARK 165 E Guerrero. Myrtle B and Cliff L Jones to Isaacson & Nylund.....April 25, 1924
April 25, 1924—N JACKSON 35 E Baker. N R Voorhies to whom it may concern.....April 24, 1924
April 25, 1924—W TWELFTH AVE 175 N California N 24-10xW 120. Patrick and Mary Hannon to whom it may concern.....April 24, 1924

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April 26, 1924—E MISSOURI 25 S 18th S 25xE 75. Henry Gietz to whom it may concern..Mar. 14, 1924
April 26, 1924—E FORTY-FIRST AV 226-4 S Anza 25x120; E 40th Ave 100 S Anza 25x120. F Carroll Reed to whom it may concern... .....April 25, 1924
April 26, 1924—W TWENTY-THIRD Ave 125 S Taraval 25x120. Halsen & Sioblom to whom it may concern .....April 25, 1924
April 26, 1924—SW FRANCISCO & Franklin S 25xW 100. Edward W Mason to Elmer Carlson, George Haub and et al.....April 23, 1924
April 26, 1924—SW LEAVENWORTH and Union W 53-6xS 62-6. Niels Schultz to Schultz Constr Co.... .....April 26, 1924
April 26, 1924—W FRANKLIN 100 N Jackson N 55-4½ W 72 S 35 E 32 S 26-4½ E 40. A N Wilson and I J Trainor.trs Est Jos Martin, dec'd. to Buschke & Brown..April 18, 1924
April 26, 1924—COM 710 N 85° 40' E from int. of SE Humboldt and Georgia NW 120 NE 90 SE 120 SW 90. Pacific Gas & Electric Co to California Steel Co....April 17, 1924
April 25, 1924—E DOLORES 34 S Duncan. Ward C Brown to whom it may concern.....April 22, 1924
April 252, 1924—W THIRTY-SIXTH Ave 200 N Irving N 200xW 120. John E and Ethel M McCarthy to whom it may concern..April 25, 1924
April 25, 1924—N JERSEY 25 E Vicksburg. C Hermanson to whom it may concern.....April 25, 1924
April 25, 1924—W THIRTY-SIXTH Ave 175 N Irving N 25xW 120. Charles J and Jane M McCarthy to whom it may concern..April 19, 1924
April 25, 1924—E TWENTY-EIGHTH Ave 200 S Taraval 25x120. George O Eendon to whom it may concern .....April 25, 1924
April 25, 1924—SW ARMY & GUERrero. M Breslin to J J Finegan.. .....April 22, 1924
April 28, 1924—E FORTY-FIFTH AV 245 S Geary S 25xE 120. Nick Hemminga to whom it may concern.....April 28, 1924
April 28, 1924—W FORTIETH AVE 200 S Cabrillo S50x120 Maria Rhoads to whom it may concern.. .....April 28, 1924
April 28, 1924—E EIGHTH AVE 275 S Judah. Otto J Ohlson to whom it may concern.....April 28, 1924
April 28, 1924—W GOUGH 82-6 S Bay S 25xW 112-6. J W Wright to R J Stempel.....April 28, 1924
April 28, 1924—N BRYANT 300 W Third W 25xN 80. Jack Abrahamson to Alfred P Fisher.....
April 28, 1924—S GEARY 32-6 W Tenth Ave W 25x100. Patrick M McGushin to D L Bienfield..... .....April 28, 1924
April 28, 1924—E TWENTY-FIRST Ave 160 N Lake N 25xE 120. Carl H Peterson to whom it may concern.....April 26, 1924
April 28, 1924—LOTS 42 AND 43 BLK 40, Sunnyside. Ernest B Bachman to whom it may concern... .....April 28, 1924
April 28, 1924—LOT 3 BLK 3, St. Francis Wood. Frank E and Emily E Kendrick to Wilson & Benson. .....April 25, 1924
April 28, 1924—N PARK 160 E Andover. A L Gray to whom it may concern.....April 28, 1924
April 28, 1924—PTN. LOTS 10 & 11 Blk. 3106 Westwood Park. Hans Nelson to whom it may concern.. .....April 23, 1924
April 28, 1924—W EIGHTH AVE. 275 N Judah N 25 x W 120. H. H. Chalmers to Thos. Hamill ....April 25, 1924
April 28, 1924—PTN. LOTS 11 & 12 Blk. 3106, Westwood Park. Hans Nelson to whom it may concern.. .....April 23, 1924
April 28, 1924—NW MARKET 153-6 SW Castro N 83-527 SE 26-4 S 63 m or 1 SW 27° 13' to beg. F. F. McCarthy to Thos. Hamill..... .....April 24, 1924
April 28, 1924—LOT 13 BLK. 25 Crocker Amazon Tract. Crocker Estate Co. to whom it may concern .....April 21, 1924
April 28, 1924 S AMAZON — W Moscow S alg. W Moscow 37-114 W 100 N to Pt. on S Amazon E 100-328 m or 1 Ptn. Blk. 19 Crocker Amazon Tract. Crocker Estate Co. to whom it may concern.... .....April 21, 1924
April 28, 1924—E JULES AVE. 225 — Demountford 25 x 112-6. Thomas J. Sullivan to whom it may concern .....April 28, 1924
April 28, 1924—SE ELLIS AND TAYlor S 77-6 x E 50. W. F. Perkins to Fred Moller and R. De Luca .....April 25, 1924
April 28, 1924—S CABRILLO 82-6 W 17-6 to W 25 x S 100. A. M. and J. A. Robinson to C. T. Magill.... .....April 25, 1924
April 28, 1924—E WHEELER AVE. 303 N Bay Shore and N 40 x E 100 Ptn. Blk. 12, Crocker Bay Shore Tract. Crocker Estate Co. to whom it may concern..Apr. 24, 1924
April 28, 1924—W CORDOVA 100 S Prague S 25 W 98-72 NW 25-06 NE 97 Ptn. Lot 14 Blk. 6450 Crocker Amazon Tract. Crocker Estate Co. to whom it may concern..Apr. 24, '24
April 28, 1924—W CORDOVA 75 S Prague S 25 W 97 NW 8-28 NW 21-20 NE 102-75 Ptn. Lot 13, Blk. 6450 Crocker Amazon Tract. Crocker Estate Co. to whom it may concern .....April 24, 1924
April 28, 1924—W WHEELER 260 N Bay Shore Ave. N 32 x N 100 Ptn. Blk. 11, Crocker Bay Shore Tract. Crockker Estate Co. to whom it may concern ..... April 24, 1924
April 28, 1924—LOT 7 BLK. 6452 Crocker Amazon Tract Sub. 2. Crocker Estate Co. to whom it may concern ..... April 24, 1924
April 23, 1924—E SAN BRUNO AVE 150 N Twenty-second and 125 S Twenty-first S 50xE 100. Wm H Grahn to whom it may concern... .....April 28, 1924
April 29, 1924—S CHESTNUT 100 E Franklin E 37-6xS 137-6. W S Hoffmann to whom it may concern .....April 29, 1924
April 29, 1924—E THIRTIETH AVE 125 S Irving S 50xE 120. Wm G Zupar to whom it may concern... .....April 21, 1924
April 29, 1924—S SILLIMAN AND Girard SE 25xSW 95 Ptn Lot 1 Blk 14 University Md Survey. A Hinden to A Abrahams....April 26, 1924
April 29, 1924—SE SACRAMENTO & Octavia S 52-8¼xE 130. L B Ham to whom it may concern..... .....April 28, 1924
April 29, 1924—W FOURTEENTH AV 162-6 N Fulton N 27-6x137-6. Rose Miller to whom it may concern.. .....April 29, 1924
April 29, 1924—W SEVENTEENTH Ave 160 N Judah N 50xW 120. W F Altvater to Meyer Bros..... .....April 28, 1924
April 29, 1924—NE ANZA AND 39TH Ave E 157-6 N 100 W 75 S 75 W 82-6 th at right angle 25 S to pt of beg. Meyer Bros to whom it may concern.....April 28, 1924
April 29, 1924—SW CALIFORNIA & Eighteenth Ave 25x50 S on 18th Ave by 90. Thos Hamill to whom it may concern.....April 29, 1924
April 29, 1924—SE TWENTY-SIXTH Ave and Anza 25, 50, 75 and 100 S of sd pt of intersection 25x75 each. Wm McDonald to Thos Hamill... .....April 29, 1924
April 29, 1924—SE 16.66 FT. FRONT and rear of Lot 9 and NE 24.165 ft. front and rear Lot 10 Blk 3, Forest Hill. Alice M Field to Fred H Field.....April 29, 1924
April 29, 1924—N CALIFORNIA 57-6 W Eleventh Ave W 25xN 100. Cesar and Frank De Martini to H O Lindeman.....April 28, 1924
April 29, 1924—N CALIFORNIA 82-6 W Eleventh Ave W 25xN 100. Cesare and Frank De Martini to H O Lindeman.....April 28, 1924
April 29, 1924—E FORTY-EIGHTH Ave 25 N Fulton. Gustave Moeller to whom it may concern.April 25, '24
April 29, 1924—E FORTY-EIGHTH Ave 75 N Fulton N 25xE 82-6. Henry C Moeller to whom it may concern.....April 25, 1924
April 29, 1924—E FORTY-EIGHTH Ave 50 N Fulton N 25xE 82-6. Wm C Akard to whom it may concern .....April 25, 1924
April 29, 1924—E TRENTON 87-6 S Jackson S 25xE 76. Maurice Salomon and Rossella Gosliner Admx Est Arthur Gosliner, dec'd' to Manfred Johnson.....April 17, 1924

LIENS FILED

SAN FRANCISCO COUNTY

April 25, 1924—N LIBERTY 105 E Noe E 50xN 114. George M Merritt Bldg Co vs Rose Duffy.....$1283
April 25, 1924—S STAPLES AVE 275 E Edna E 200xS 112-6 Lots 39, 40, 41, 42, 43 and 44 Blk 3156. Chas Brown & Sons vs Sunset Bldg & Realty Co and W T Cutter....$10.71
April 24, 1924—N O'FARRELL 176 W Steiner W 22xN 82-6. G Bonham and W M Foulkes vs Otto and Katherine Nagel.....$241.40

BUILDERS' BONDS

SAN FRANCISCO COUNTY

April 24, 1924—E JONES 55 N Sutter N 40xE 68-9. Louis A and Irene R Laurens with C E Gordon. Bond, $1575. Sureties, Wm McIntosh and L J Neal.

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2277	Brajier	Owner	7950
2278	Kay	Owner	8700
2279	Ahnefeld	Owner	3800
2280	Madison	Mason	4500
2281	Hentzell	King	5000
2282	Kurpachoff	Person	22000
2283	Illig	Owner	3000
2284	Derby	Derby	3175
2285	Stevens	Stoner	——
2286	Grippie	Campomenosi	5000
2287	Holmes	Lockhead	1800
2288	Dessum	Sommarstrom	4050
2289	Morse	Burks	1600
2290	Woodard	Owner	4000
2291	Ehrman	Owner	3500
2292	Ingram	Owner	3000
2293	Dessum	Sommarstrom	2600
2294	Karger	Leiter	8600
2295	MacDonald	Owner	4000
2296	Weeks	Long	7750
2297	Pollard	Owner	2000
2298	Renas	Patrick	12000
2299	Carlson	Owner	4500
2300	White	Owner	6000
2301	Fuchs	Murch	14514
2302	Delucchi	Gow	4300
2303	Cramer	Nichols	2600
2304	Lapham	Lapham	3750
2305	Koenig	Gaba	1500
2306	Perry	Owner	1800
2307	Hoffman	Icardi	5400
2314	Pac Tel & Tel	Ralston	53810
2315	Rizzo	Merritt	4135
2316	Reynolds	Owner	2950
2317	Frankse	Owner	3500
2318	Lande	Lande	4800
2319	Saroni	Pond	3200
2320	Parse	Owner	3000
2321	Saroni	Pond	9600
2322	Christmann	a Stewt	3000
2323	Ala Sanatornum	Vogt	4500
2324	Marquis	Owner	6000
2325	Schulz	Owner	7250
2326	Aalto	Owner	2500
2327	Bkly. Steel	Owner	10500
2328	Marquis	Owner	3000
2329	Folsen	Tupper	3750
2330	Peters	Owner	2800
2331	Johnson	Owner	2500
2332	Geertz	Wheeler	12000
2333	Alder	Bowers	4000
2334	Appleford	Smith	5000
2335	Fox	Andersen	4000
2336	Fox	Andersen	4000
2337	Pond	Williford	5800
2338	Meinecke	Owner	4000
2339	Wright	Moseback	3000
2340	Pond	Williford	10,100
2341	Dorein	Christensen	7000
2342	Butler	De Sinet	2800
2343	Powell	Fish	1500
2344	Opitz	Owner	——
2345	Gebbrant	Owner	2850
2346	Kohle	Owner	8000
2347	Boga	Lennett	——
2348	Noble	Owner	3000
2349	Lee	Butzback	10435
2350	Vere	Owner	——
2351	Watson	Rheberg	3500
2352	Alonza	Benassini	1500
2353	Stringer	Owner	4000
2354	P G & E	Federal	2000
2355	Donolley	Donolley	7000
2356	Bouterious	Boerrier	5500
2357	Jacobs	Owner	3800
2358	Baird	Owner	8000
2359	Blum	Koski	13575

2360	Perkins	Texdahl	5300
2361	Fox	Owner	2900
2362	Bagley	Warner	4000
2363	Goehlich	Fernstrom	3200
2364	Kersch	Morrison	——
2365	Tharsing	Prath	6000
2366	Pringle	Langtry	1000
2367	Harding	Owner	2500
2368	Taylor	Mattison	3500
2369	Gallians	Niss	5000
2370	Makins	Easterly	7200
2371	Stade	Owner	2800
2372	Squires	McBeth	4000
2373	Smith	Paul	3000
2374	Campanelli	Wolfe	3000
2375	Gilfried	Owner	2000
2376	Cowell	Wharton	1500
2377	Menhens	Cooper	4000
2378	Bacon	Walton	2900
2379	Boynton	Hansen	14000
2380	Stone	Owner	4200
2381	Wood	Henderson	1500
2382	Crane	Owner	3500
2383	Waldman	Owner	5100
2384	Larmer	Owner	6750
2385	Short	Short	5200
2386	Newton	Wieben	10500
2387	MacGregor	Owner	5000
2388	Caswell	Broadhead	7000
2389	Watson	MacGregor	6614
2390	Cunningham	Cedorborg	15490
2391	Newell	Brennan	3400
2392	Clousen	Owner	4000
2393	Meador	Owner	2000
2394	Patterson	Owner	15000
2395	Sterns	Rose	1000
2396	Thuman	Owner	3000
2397	Cal Ore Lbr	Owner	6000
2398	Deming	Lepley	2600
2399	Denjii	Owner	8000
2400	Taylor	Cal Bldg	24000
2401	Marshall	Owner	6000
2402	Smith	Owner	3000
2403	Ahel	Owner	4000
2404	Buseck	Owner	3000
2405	Weber	Foster	10000
2406	Weber	Foster	1000
2407	Clausen	Newman	2000
2408	Perry	Scott	4877
2409	Boynton	Hansen	13875

DWELLING
(2277) NO. 27 CLAREMONT CRESCENT, Berkeley. One and one-half-story 10-room dwelling.
Owner—Jas. M. Brazier, 1912 Blake St., Berkeley.
Architect—None. $7950

DWELLINGS
(2278) NO. 1316, 1320 and 1322 CARlotta, Berkeley. Three one-story 5-room dwellings.
Owner—Kay & Bredehoft, 1620 Hopkins St., Berkeley.
Architect—None. $2900 each

DWELLING
(2279) NO. 1721 MADERA, Berkeley. One-story 5-room dwelling.
Owner—Harry Ahnefeld, 1969 Marin Ave., Berkeley.
Architect—None. $3800

DWELLING
(2280) NO. 1763 SONOMA, Berkeley. One-story 5-room dwelling and garage.
Owner—Shattuck & Addison, Berkeley.
Architect—None.
Contractor—Mason-McDuffie Co., Shattuck & Addison St., Berkeley. $4500

DWELLING
(2281) NO. 536 SAN LUIS ROAD, Berkeley. Two-story 6-room dwelling and garage.
Owner—R. R. Hentzell, Red Bluff.
Architect—C. M. Rogers.
Contractor—W. H. King, 111 Lake Ave., Piedmont. $5000

APARTMENTS
(2282)) NO. 2517 VIRGINIA, Berkeley. Two-story 20-room apartments and 5 garages.
Owner—Evan Kurpachoff, 1636 Allston Way, Berkeley.
Architect—None.
Contractor — Emil Person, 2224 Rose St., Berkeley. $22,900

(2283) N DELMAR ST. 277 E Lincoln, Oakland. 1-story 5-room dwelling.
Owner — S. F. Illig, 1392 E-27th St., Oakland. 1-story 5-room dwelling.
Architect—None. $3000

April 24, 1924

DWELLING
(2284) E EVERETT AVE. 75 N E-38th St., Oakland. 1-story 4-room dwlg.
Owner—Eunice M. Derby, 2959 Schuyler, Oakland.
Architect—None.
Contractor—H. C. Derby, 2959 Schuyler, Oakland. $3175

DWELLING
(2285) 3062 KANSAS (rear), Oakland. 1-story 3-room dwelling & garage.
Owner—Geo. Stevens, Redwood Valley, Mendocino Co., Cal.
Architect—None.
Contractor—M. B. Stoner, 544 Chetwood Oakland. $2500

DWELLING
(2286) 5261 LAWTON AVE., Oakland. 1-storly 6-room dwelling.
Owner—A. Grippie, 5260 Lawton Ave., Oakland.
Architect—None.
Contractor — E. Campomenosi, 5238 Lawton Ave., Oakland. $5000

ALT. & ADD.
(2287) 2003 MARKET ST., Oakland. Alteration and addition.
Owner—S. Holmes, 1844 San Pablo Ave Oakland.
Architect—None.
Contractor—A. Lockhead, 732 Madison St., Oakland. $1800

DWELLING
(2288) SE NINTH AVE. & E 22nd St., Oakland. 1-story 5-room dwelling.
Owner—Mrs. M. Dessum ,1536 Franklin, Oakland.
Architect—None.
Contractor — Sommarstrom Bros. Co., 1536 Franklin, Oakland. $4050

DWELLING
(2289) 1640 ONE HUNDRED FIRST Ave., Oakland. 1-story 3-room dwelling.
Owner—F. F. Morse.
Architect—None.
Contractor—C. E. Burks, 4129 Randolph Ave., Oakland. $1600

DWELLING
(2290) E SIXTY-FOURTH AVE. 110 S Avenal, Oakland. 1-story 5-room dwelling.
Owner—L. L. Woodard, 2342 64th Ave., Oakland.
Architect—None. $4000

DWELLING
(2291) E SIXTY-NINTH AVE. 630 S Weld St., Oakland. 1-story 5-room dwelling.
Owner—J. P. Ehrman, 1744 69th Ave., Oakland.
Architect—None. $3500

DWELLING
(2292) 600 SIXTY-SECOND ST., Oakland. 1-story 5-room dwelling.
Owner—E. L. Ingram, 623 63rd St., Oakland.
Architect—None. $3000

DWELLING
(2293) SE TWENTY-SECOND ST. 45 E 9th Ave., Oakland. 1-sto 4-room dwelling.
Owner—Mrs. M. Dessum, 1636 Franklin Oakland.
Architect—None.
Contractor — Sommarstrom Bros. Co., 1536 Franklin, Oakland. $3600

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DWELLING
(2294) W UNDERHILL RD. LOT 28 Blk 8 Oakland. 1-story 7-room dwelling.
Owner—R. Karger.
Architect—E. W. Cannon.
Contractor—E. T. Leiter & Son, 407 Call Bldg., S. F. $8600

DWELLING
(2295) NO. 1110 GLEN AVE., Berkeley One-story 5-room dwelling.
Owner—S. O. MacDonald, 2912 Deakin St., Berkeley.
Architect—None. $4000

DWELLING
(2296) NO. 1429 HAWTHORNE TERrace, Berkeley. Two-story 8-room dwelling.
Owner—Walter S. Weeks, 2029 Durant Ave., Berkeley.
Architect—None.
Contractor—Roy O. Long Co., 2114 Shattuck Ave., Berkeley. $7750

DWELLING
(2297)) NO. 1235 ORDWAY, Berkeley One-story 4-room dwelling.
Owntr—A. J. Pollard, 77 Plaza Drive, Berkeley.
Architect—None. $2000

DWELLING
(2298) NO. 2839 RUSSEL, Berkeley. Two-story 10-room dwelling and garage.
Owner—Mary D. Renas.
Architect—None.
Contractor—H. G. Patrick, 1973 Marin Ave., Berkeley. $12,000

DWELLING
(2299)) NO. 624 SANTA ROSA, Berkeley. One-story 7-room dwelling
Owner—Victor Carlson, 792 Neilsen St., Berkeley.
Architect—None. $4500

DWELLINGS
(2300) N BRANN 40 E Havenscourt Blvd.;
NE BRANN & HAVENSCOURT Blvd., Oakland. Two 1-story 5-rm dwellings.
Owner—J. F. White, 6680 Brann, Oakland.
Architect—None. $3000 each

GARAGE
(2301) SW FORTIETH AVE & E-14th St., Oakland. 1 story brick and tile garage.
Owner—Mary Fuchs, Pleasanton.
Architect—E. W. Cannon, Central Bank Bldg., Oakland.
Contractor — Murch-Williams, Fox-Bldg., Oakland. $14,514

DWELLING
(2302) S FORTY-SIXTH ST. 300 N Telegraph, Oakland. 1-story 6-room dwelling.
Owner—P. Delucchi, 1402 17th, Oakland.
Architect—None.
Contractor—A. B. Gow, 5668 Ayala St., Oakland. $4300

DWELLING
(2303) W EIGHTY-FIRST AVE. 45 N Outlook, Oakland. 1-story 4-room dwelling.
Owner—Geo. Cramer.
Architect—None.
Contractor—H. J. Nichols, 7710 Foothill Blvd., Oakland. $2600

DWELLING
(2304) E SIXTY-SEVENTH AVE 355 N Avenal, Oakland. 1-story 5-room dwelling.
Owner—A. R. Lapham, 6311 Geary St., San Francisco.
Architect—None.
Contractor — R. E. Lapham, 2451 61st Ave., Oakland. $3750

STORE
(2305) N THIRTY-EIGHTH ST. 100 W Broadway, Oakland. 1-story store.
Owner—Jos. Koenig, 3801 Broadway, Oakland.
Architect—None.
Contractor—J. W. Gaba, 553 Hermosa Ave., Oakland. $1500

ADD. & ALT.
(2306) NE TWENTY-NINTH AND Boehmer Sts., Oakland. Alterations and additions.
Owner — M. A. Perry, 700 29th Ave., Oakland.
Architect—None. $1000

DWELLING
(2307) 552 WELDON ST., Oakland. 1-story 5-room dwelling.
Owner—Cellia Hoffman, 1011 57th St., Oakland.
Architect—None.
Contractor—Angelo Icardi, 974 Aileen St., Oakland. $5400

RECORDED

STEEL ETC.
(2314) LOTS 11, 13 & 15 BLK 14 COLlege Homestead, Berkeley. Structural steel and iron work for bldg 4-story and basement.
Owne:—The Pac. Tel. & Tel. Co., 17th and Clay, Oakland.
Architect—None.
Contractor—Ralston Iron Works, 20th and Indiana Sts.
Filed April 25, 1924 Dated April 21, 1924
Upon delivery on bldg site of cast iron bases, 1st tier of columns and first and second floor beams.
Second, upon delivery on bldg. site of balance of structural steel and iron work,
Each payment shall equal 95% value of work delivered.
36 days after complete delivery 5%.
TOTAL COST, $53,810
Bond, $26,905; Sureties, Hartford Accident & Indemnity Co.; Forfeit, none; Limit, none; Plans and specifications filed.

ALTERATIONS
(2315) 136 140 E-FOURTEENTH ST., Oakland. Alteration of buildings & stores.
Owner—N. J. Rizzo, 3725 Foothill Blvd., Oakland.
Architect—None.
Contractor—G. W. Merritt & Son, 7934 Ney Ave., Oakland.
Filed April 25, 1924. Dated Apr 21, 1924
Underpinning on $1032
Brown Coated 1034
Completed and accepted 1034
Usual 35 days 1034
$1 not accounted for
TOTAL COST, $4135
Bond, $2500; Sureties, U. S. Fidelity & Guaranty Co.; Forfeit, none; Limit, 60 working days after recording; Plans and specifications filed.
NOTE — Permit reported April 24, 1924, No. 2261.

(2316) E ESTATES DRIVE, Montclair, Oakland. One-story 6-room dwelling.
Owner—R. Reynolds.
Architect—None. $3950

DWELLING
(2317) E LINCOLN AVE 47 S Alida, Oakland. One-story 5-room dwlg.
Owner—J. A. Franske, 4160 Lincoln Ave., Oakland.
Architect—None. $3500

DWELLING
(2318) S MONTEL 500 E Piedmont Oakland. One-story 5-room dwlg.
Owner—Mrs. F. M. Lande, 94 Montel St., Oaklan.
Architect—None.
Contractor—F. M. Lande. $4800

DWELLING
(2319) E SIXTY-EIGHTH AVE 265 N Arthur, Oakland. One-story 5-room dwelling.
Owner—Louis Saroni.
Architect—None.
Contractor—C. P. Pond, 6664 E-14th St., Oakland. $3200

DWELLING
(2320) NO. 2127 SIXTY-FIFTH AVE., Oakland. One-story 5-room dwlg.
Owner—J. C. Pearce, 2121 65th Ave., Oakland.
Architect—None. $3000

DWELLINGS
(2321) SW SIXTY-FOURTH AVE & Beck St.
W SIXTY-FOURTH AVE 50 S Beck
E SIXTY-FOURTH AVE 160 S Arthur, Oakland. Three one-story 5-room dwellings.
Owner—Louis Saroni.
Architect—None.
Contractor—C. P. Pond, 6664 E-14th St., Oakland. $3200 each

DWELLING
(2322) N WILD 500 E 73rd Ave., Oakland. One-story 5-room dwelling.
Owner—H. Christmann, 1106 30th St., Oakland.
Architect—None.
Contractor—S. L. Stewart, 646 42nd St., Oakland. $3000

ALTERATIONS
(2323) SW WILLOW AND CLINTON Alameda. All work for moving building and connecting to another building.
Owner—Alameda Sanatorium on South Shore, 2054 Clinton St., Alameda.
Architect—None.
Contractor—Alfred H. Vogt, 11th and Clay St., Oakland.
Filed Apr. 26, '24. Dated Apr. 23, '24.
TOTAL COST, $4500
Bond none. Limit, 30 working days. Forfeit, plans and specifications, none.

DWELLING
DWELLINGS
Two 1-story 5-room dwellings.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $3000 each

DWELING
(2325) 932 ARLINGTON, Berkeley. 1½ story 6-room dwelling.
Owner — H. E. Schulz, 2100 Virginia, Berkeley.
Architect—None. $5250

DWELLING
(2326) 2115 BROWNING, Berkeley. 1-story 6-room dwelling and garage.
Owner—A. Aalto, 1726 Carlton, Berkeley.
Architect—None. $2500

SHOP
(2327) 625 CAMELIA, Berkeley. 1-sto. tank shop.
Owner—Berk. Steel Const. Co., 2nd and Camelia, Berkeley.
Architect—None. $10,500

DWELLING
(2328) 1341 CARLOTTA, Berkeley. 1-story 5-room dwelling.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $3000

DWELLING
(2329) 1130 CHANCER, Berkeley. 1-story 5-room dwelling.
Owner—Mrs. Emma Folsen, 1126 Chancer, Berkeley.
Architect—L. T. Hyde.
Contractor—Thad N. Tupper, 2310 Russel St., Berkeley. $3750

DWELLING
(2330) 2312 EDWARDS, Berkeley. 1-story 4-room dwelling.
Owner—L. A. Peters, 2485 Davis St., Oakland.
Architect—None. $2800

DWELLING
(2331) 1219 EVELYN ST., Berkeley. 1-story 4-room dwelling & garage.
Owner—J. H. Johnson, 1330 Alcatraz, Berkeley.
Architect—None. $2500

APT. FLATS
(2332) 1841-3-5-7 FRANCISCO, Berkeley. Two-story 16-room apt. flats and garage.
Owner — H. Geertz, 1415 Kains Ave., Berkeley.
Architect—None.
Contractor—F. E. Wheeler, 2043 Vine St., Berkeley. $12,000

DWELLING
(2333) 1350 SACRAMENTO, Berkeley. 1-story 6-room dwelling and garage.
Owner — Hermon & Rose Adler, 1321 McGee, Berkeley.
Architect—M. H. Little.
Contractor—F. P. Bowers & Sons, 1811 Addison, Berkeley. $3000

DWELLING
(2334) 620 SANTA ROSA, Berkeley. 1-story 5-room dwelling.
Owner—C. W. Appleford, 274 Mather St., Oakland.
Architect—None.
Contractor—J. Harry Smith, 508 Lexington, Berkeley. $5000

DWELLING
(2335) 1401-5 BAY ST., Alameda. 1-story 6-room dwelling.
Owner—Geo. Fox, 1620 Sa nJose Ave., Alameda.
Architect—None.
Contractor—H. C. Andresen, 1229 Pearl St., Alameda. $4000

DWELLING
(2336) 1121-23 CENTRAL, Alameda. 1-story 6-room dwelling.
Owner—Geo. Fox, 1620 San Jose Ave., Alameda.
Architect—None.
Contractor—H. C. Anderson, 1229 Pearl St., Alameda. $4000

DWELLINGS
(2337) 1607-1611 CHAPIN ST., Alameda. Two 1-story 4-room dwellings.
Owner—Jesse P. Pond & Co., Oakland.
Architect—None.
Contractor—H. Williford, 3265 Central Ave., Alameda. $2900 each

DWELLING
(2338) 916 CHESTNUT, Alameda. 2-story 7-room dwelling.
Owner—Edith Meinecke, premises.
Architect—None. $4000

DWELLING
(2339) 1417 EVERETT, Alameda. 1-story 5-room dwelling.
Owner—J. M. Wright, 1526 Pearl St., Alameda.
Architect—None.
Contractor — Geo. H. Mosebach, 2325 Santa Clara, Alameda. $3000

DWELLINGS
(2340) 943 941 & 937 LINCOLN AVE., Alameda. Two 1-story 5-room and one 1-story 4-room dwellings.
Owner—Jesse P. Pond & Co., Oakland.
Architect—None.
Contractor—H. Williford, 3265 Central Ave., Alameda. ..$3600, $3600, $2900

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(THE SAN FRANCISCO BANK)
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One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.
Member Associated Savings Banks of San Francisco
526 California Street, San Francisco, Cal.
DECEMBER 31st, 1923
Assets..... $89,274,468.57
Capital, Reserve and Contingent Funds..... 3,850,000.00
Employees' Pension Fund..... 430,275.37
MISSION BRANCH.....Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....Haight and Belvedere Streets
WEST PORTAL BRANCH.....West Portal Ave. and Ulloa St.
Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

STORE
(2341) 1507 PARK ST., Alameda. 1-story store.
Owner—L. Dorein, 1505 Park St., Alameda.
Architect—None.
Contractor—H. J. Christensen, 505 17th St., Oakland. $7000

ALTERATIONS
(2342) 615 SANTA CLARA, Alameda. Alterations.
Owner—H. Butler, 526 Central Ave., Alameda.
Architect—None.
Contractor—De Smet & Douglass, 333 N 13th St., San Jose. $2800

REPAIRS
(2343) 1000 SHERMAN, Alameda. Repairs.
Owner—R. Y. Powell, premises.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. $1500

DWELLING
(2344) E BARTLETT 2 N Harrison, Oakland. 1-story 4-room dwelling.
Owner—G. Opitz 2322 Bartlett St., Oakland.
Architect—None.

DWELLING
(2345) W BATAU AVE. 23 N Hopkins, Oakland. 1-story 5-room dwlg
Owner—H. Stanley Gebbrant, 3563 Boston Ave., Oakland.
Architect—None. $2850

DWELLINGS
(2346) N DELAWARE 526 E Peralta Ave.;
N DELAWARE 491 E Peralta Ave Oakland, Two 1-story 5-room dwellings.
Owner—A. F. Kohle, 1201 Adeline St., Oakland.
Architect—None. $4000 each

DWELLING
(2347) 1315 EIGHTY-SEVENTH AVE, Oakland. 1-story 6-room dwelling.
Owner—G. Boca.
Architect—None.
Contractor—E. Lennett, 1601 94th Ave., Oakland.

DWELLING
(2348) 918 FIFTY-EIGHTH ST., Oakland. 1-story 5-rom dwelling.
Owner—G. H. Noble, 1336 Park St., Alameda.
Architect—None. $3000

APARTMENTS
(2349) S FOOTHILL BLVD. 160 E 37th Ave., Oakland. 2-story 16-rm. apartments.
Owner—Chas. F. Lee, 2178 High St., Oakland.
Architect—None.
Contractor—G. H. Butzback & Son, 8030 E-14tb St., Oakland. $10,435

ADDITION
(3450) 2850 HANNAH ST., Oakland. 1-story frame addition.
Owner—Jos. De Verre, 2807 Helen St., Oakland.
Architect—None.

DWELLING
(2351) 2734 HOPKINS ST., Oakland. 1-story tile dwelling.
Owner—A. S. Watson, 2740 Hopkins St. Oakland.
Architect—Marshall & Burks.
Contractor—C. J. Rheberg, 2831 Montana, Oakland. $3500

ADDITION
(2352) 261 McADAM St., Oakland. Addition.
Owner—Gabelle Alonzo.
Architect—None.
Contractor—Pio Benassini, 5111 Miles Ave., Oakland. $1500

DWELLING
(2353) S RAMONA AVE 125-165 Piedmont Ave., Oakland. 1-story 5-room dwelling.
Owner — T. Stringer, 2900 Brookdale Oakland.
Architect—None. $4000

SIGN
(2354) SEVENTEENTH & SAN PABlo, Oakland. Electric sign.
Owner—Pac. Gas & Elec., 17th and Clay St., Oakland.
Architect—None.
Contractor—Federal Elec. Co., Landregan & Powell, Oakland. $2000

FLATS
(2355) W THIRD AVE. 75 N E-14th St., Oakland. 2-story 10-room flats.
Owner—B. M. & J. B. Donolley, 155' 2nd Ave., Oakland.
Architect—None.
Contractor—J. B. Donolley. $7000

ALTERATIONS
(2356) E THIRTY-SEVENTH AVE 200 N E-14th St., Oakland. Alterations.
Owner—C. A. Bouterious.
Architect—None.
Contractor—F. Boerrier, 2929 Foothill Blvd., Oakland. $5500

DWELLING
(2357) N E-THIRTY-THIRD ST. 187 E 13th Ave., Oakland. 1-story 6-room dwelling.
Owner—H. E. Jacobs, 341 41st St., Oakland.
Architect—None. $3800

FACTORY
(2358) S TWENTY-FIRST ST 100 E Adeline, Oakland. 1-story factory.
Owner—Ple Baird, 3335 Randolph Ave., Oakland.
Architect—Geo. O'Brien, Bacon Bldg., Oakland. $8000

MOVING
SW CLINTON AND WILLOW, Alameda Moving.
Owner—Alameda Sanitarium, prem.
Architect—None.
Contractor—Alfred Vogt, 185 Stevenson St., S. F. $4500
NOTE—Recorded contract reported April 28, 1924, No. 2323.

DWELLING
SAN LEANDRO. 7-room dwelling.
Owner—Richard Hill, 848 Alice Ave., San Leandro.
Architect—None. $3900

DWELLINGS
ALICE AVENUE, San Leandro. Two 4-room stucco.
Owner—Rolanna Estate.
Architect—None.
Contractor—L. R. Martin, Arroyo Ave, San Leandro. $4500

DWELLINGS
E DURANT BET. BANCROFT AND Kenilworth Sts., San Leandro. Two dwellings.
Owner—Cummings & White.
Architect—None.
Contractor—Oakland Home Builders, 118 E-14th St., Oakland. $3750 each

DWELLING
HARNA ST., SAN LEANDRO. 5-room dwelling.
Owner—Sam Dudich, Harlan St., San Leandro.
Architect—None.
Contractor—W. H. White & Son, 125 Sunset Dr., Oakland. $3800

FRAME
70 DUTTON AVENUE, San Leandro. Frame construction.
Owner—D. E. Jones, 70 Dutton Ave., San Leandro.
Architect—None. $3000

FRAME
SAN LEANDRO. Stucco frame.
Owner—B. E. Snyder, 72 Sacramento St San Leandro.
Architect—None.
Contractor—L. A. Peters, 3482 Davis St. Oakland. $2725

DWELLING
(2359) 1461 HAWTHORNE TERRACE, Berkeley. 1-story 10-room dwelling
Owner—Solomon Blum, 2725 Elmwood Ave., Berkeley.
Architect—None.
Contractor—Matt L. Koski, 47 Ramona Ave., Oakland. $13,575

DWELLING
(2360) 1061 MARIPOSA, Berkeley. 1-story 5-room dwelling.
Owner—C. W. Perkins, 1020 Vine St., Berkeley.
Architect—None.
Contractor—C. M. Texdahl, 6215 Auburn Ave., Oakland. $5300

DWELLING
(2361) 1532 SAN LORENZO, Berkeley. 1-story 5-room dwelling & garage
Owner—Fox Bros., 1926 University Ave Berkeley.
Architect—None. $2900

DWELLING
(2362) E CAHILL ST. 180 N Prospect, Oakland. 1-story 5-room dwelling.
Owner — D. Bagley, 375 Euclid Ave., Oakland.
Architect—None.
Contractor—S. A. Warner, 850 Cleveland Ave., Oakland. $4000

DWELLING
(2363) 27 ECHO AVE., Oakland. 1-sto. 4-room dwelling.
Owner—H. Goehloch, 21 Echo Avenue, Oakland.
Architect—None.
Contractor—C. V. Fernstrom, 3516 Laguna Ave., Oakland. $3200

AUARTMENTS
(2364) SE FIFTY-THIRD & SHATtuck, Oakland. 2-story 16-room apartments.
Owner — Louis Kersch, 551 53rd St., Oakland.
Architect—None.
Contractor—K. C. Morrison, 443 62nd St., Oakland.

STORES
(2365) 5277 FOOTHILL BLVD., Oakland. 1-story stores.
Owner — Nellie S. Tharsing, 57 Santa Clara Ave., Oakland.
Architect—None.
Contractor—H. S. Prath, 4605 El Centro Ave., Oakland. $6000

GARAGE
(2366) S FORTIETH ST. 100 E Clark St., Oakland. 1-story garage.
Owner — R. Pringle, 1110 Center St., Oakland.
Architect—None.
Contractor—J. R. Langtry, 739 Aileen St., Oakland. $1000

DWELLING
(2367) W GARDEN 339 NE 27th St., Oakland. 1-story 4-room dwelling.
Owner—D. Harding, 1303 Fruitvale Av. Oakland.
Architect—None. $2500

DWELLING
(2368) 4000 LAGUNA AVE., Oakland. 1-story 5-room dwelling.
Owner—W. H. Taylor.
Architect—None.
Contractor—E. T. Mattison, 3629 Laguna Ave., Oakland. $3500

DWELLING
(2369) N McKINLEY AVE. 50 W Athol Oaklandd. 1-story 6-room dwelling.
Owner—B. Gallians.
Architect—None.
Contractor—Peter Niss, 3912 Linwood Ave., Oakland. $5000

WAREHOUSE
(2370) N E NINETEENTH & MARket, Oakland. 1-story brick warehouse.
Owner — M. Makins, 1634 Maret St., Oakland.
Architect—None.
Contractor—John G. Easterly, 2137 Tiffin St., Oakland. $7200

DWELLING
(2371) N REDDING ST. 200 ft. 38th Ave., Oakland. 1-story 5-rm. dwlg.
Owner—Chas. Stade, 3816 Redding St., Oakland.
Architect—None. $2800

DWELLING
(2372) E RHODA 200 S Madeline, Oakland. 1-story 5-room dwellllng.
Owner—W. Squires, 3834 E-14th St., Oakland.
Architect—None
Contractor—R. H. McBeth. $4000

DWELLING
(2373) SE COR. SCENIC & LINCOLN Aves., Oakland. 2-story 5-room store and dwelling.
Owner—A. S. Smith, Vallejo.
Architect—None.
Contractor—R. M. Paul. $3000

DWELLING
(2374) 1333 SEVENTY-NINTH AVE., Oakland. 1-story 5-room dwelling.
Owner—John Campanelli.
Architect—None.
Contractor—Wm. Wolfe, 123 13th St., Oakland. $3000

DWELLING
(2375) W SEVENTY-THIRD AVE. 1000 N Lookout Ave., Oakland. 1-story 5-room dwelling.
Owner—N. J. Gibfried.
Architect—None. $2000

ALTERATIONS
(2376) 825 E-SIXTEENTH ST., Oakland. Alterations.
Owner—Bester Cowell.
Architect—None.
Contractor—H. E. Wharton, 116 Greenbank Ave., Piedmont. $1500

DWELLING
(2377) W THIRTY-FIFTH AVE. 69 N E-17th St., Oakland. 1-story 6-room dwelling.
Owner — E. Menhens, 1665 35th Ave., Oakland.
Architect—None.
Contractor—C. F. Cooper, 1665 35th Ave Oakland. $4000

RECORDED

DWELLING
(2378) 1831 CARLTON, Berkeley. All work for 1-story 4-room dwelling.
Owner—J. W. Bacon, 2624 Grove, Berkeley.
Architect—None.
Contractor—Frank L. Walton, 1210 Masonic, Berkeley.
Filed April 29, 1924. Dated April 7, 1924.
Lumber on job 1/3
Framed in 1/3
Completed and accepted 1/3
TOTAL COST, $2900
Bond, Forfeit, Limit, Plans and specifications, none.
NOTE — Permit reported April 11, 1924, No. 1974.

DWELLING
(2379) 2800 BUENA VISTA, Berkeley. 2-story 8-room dwlg.
Owner—C. C. Boynton, Buena Vista and La Loma, Berkeley.
Architect—Edna and C. C. Dakin.
Contractor — Hansen, Robertson & Zumwalt, 4145 Broadway, Oakland. $14,000

DWELLING
(2380) 1230 CARRISON, Berkeley. 2-story 6-room dwelling.
Owner—E. P. Stone, 1212 Carrison, Berkeley.
Architect—None. $4200

SHED
(2381) 1298 HOPKINS ST., Berkeley. 1-story lumber shed.
Owner—E. K. Wood Lumber Co., Oakland.
Architect—None.
Contractor — E. T. Henderson, 5744 Keith Ave., Oakland. $1500

DWELLING
(2382) 2300 SPAULDING, Berkeley. 1-story 5-room dwelling.
Owner—Homer W. Crane, 2635 Russel St., Berkeley.
Architect—None. $3500

DWELLING
(2383) 15 CAMBRIDGE WAY, Piedmont. 1-story 5-room dwlg. and garage.
Owner—A. E. Waldman, 6001 Holway, Oakland.
Architect—None.
Contractor—A. E. Waldman, 6001 Holway, Oakland. $5100

(2384) 82 FAIRVIEW AVE., Piedmont. 2-story 7-room dwlg. and garage.
Owner—Edw. Larmer, 90 Fairview Ave Piedmont.
Architect—None.
Contractor—Edw. Larmer, 90 Fairview Ave., Piedmont. $6750

DWELLINGG
(2385) 1454 GRAND, Piedmont. 1-story 5-room dwelling and garage.
Owner—Louise H. Short, —.
Architect—None.
Contractor—C. W. Short, 574 Rosal Ave Oakland. $5200

DWELLING
(2386) 131 GUILFORD PLACE, Piedmont. 2-story 7-room dwlg. and garage.
Owner—C. H. Newton, 28 Ronada Ave., Piedmont.
Architect—None.
Contractor—Alex C. Wieben, 839 Rosemount, Oakland. $10,500

DWELLING
(2387) 610 MORAGA AVE., Piedmont. 1-story 6-room dwlg. and garage.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $5000

DWELLING
(2388) 2076 OAKLAND AVE., Piedmont. 2-story 6-room dwlg. and garage.
Owner—Wm. R. Caswell.
Architect—None.
Contractor—Frank Broadhead, 864 57th St., Oakland. $7000

DWELLING
(2389) 223 OAKMONT AVE., Piedmont. 1-story 7-room dwlg. and garage.
Owner—Alys L. Watson, 1800 Catalina, Berkeley.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $6614

DWELLING
(2390) 180 WOODLAND WAY, Piedmont. 2-story 8-room dwlg. and garage.
Owner—A. L. Cunningham.
Architect—None.
Contractor—A. Cedorborg, 1445 Excelsior Blvd., Oakland. $10,490

DWELLING
(2391) S ALCATRAZ 280 W Shattuck, Oakland. 1-story 5-room dwlg.
Owner—C. J. Newell, 2110 Shattuck Ave., Berkeley.

Architect—None.
Contractor—J. P. Brennan, 2110 Shattuck Ave., Berkeley. $3400

DWELLING
(2392) E BELLAIRE PLACE, 115 E Lynde, Oakland. 1-story 5-room dwelling.
Owner—Fred Clausen, 1506 28th Ave., Oakland.
Architect—None. $4000

DWELLING
(2393) N CALAVERAS AVE. 150 E McClelland, Oakland. 1-story 4-room dwlg.
Owner—Daniel Meador, 3741 McClelland, Oakland.
Architect—None. $2000

DWELLINGS
(2394) 2123-29-35-41-47, CHURCH ST., Oakland. Five 1-story 5-room dwellings.
Owner—J. F. Patterson, 2001 68th Ave., Oakland.
Architect—None. $3000 each.

REPAIRS
(2395) 1602 FIFTIETH AVE., Oakland. Repairs.
Owner—Sterns.
Architect—None.
Contractor—A. H. Rose, 525 17th St., Oakland. $1000

DWELLING
(2396) W FORTY-SIXTH AVE. 38 N Ygnacio, Oakland. 1-story 6-room dwelling.
Owner—Jos. Thuman, 950 54th Ave., Oakland.
Architect—None. $3000

ADDITION
(2397) FOOT OF HARKHAM ST., Oakland. Three additions to planing mill.
Owner—Cal. Ore. Lumber Co.
Architect—None. $300, $1800, $1200

DWELLING
(2398) W MIDVALE 50 S Georgia, Oakland. 1-story 4-room dwlg.
Owner—Helen Deming, 2015 13th Ave., Oakland.
Architect—None.
Contractor—F. G. Lapley, 3406 Park Blvd., Oakland. $2600

FLATS
(2399) W PARK BLVD. 50 S El Cerito, Oakland. 2-story 8-room flats.
Owner—Dr. Jas. R. Denji, 212 Bacon Bldg., Oakland.
Architect—None. $8000

APARTMENTS
(2400) N RIA VISTA AVE., 66 AND 207 E Piedmont Ave., Oakland. Two 2-story 16 rooms, 4 apartments.
Owner—R. W. Taylor, 1636 Franklin, Oakland.
Architect—None.
Contractor—Cal. Bldg. Co., 1636 Franklin St., Oakland. $12,000 each

DWELLING
(2401) N ROSS CIRCLE 340 E ROSS St., Oakland. 2-story 6-room dwlg.
Owner—Jno. A. Marshall, Jr., 18 Tanglewood Dr., Berkeley.
Architect—None. $6000

DWELLINGS
(2402) E SEVENTY-SIXTH AVE. 678 & 703 NE 24th St., Oakland. 1-sto. 3-room dwellings (2).
Owner—Smith & Wilson, 4428 E 14th St., Oakland.
Architect—None. $1500 each

DWELLING
(2403) 2563 67TH AVE., Oakland. 1-story 6-room dwelling.
Owner—Henry Abel, 1755 81st Ave., Oakland.
Architect—None. $4000

DWELLING
(2404) N SUTTER 100 W VIOLA, Oakland. 1-story 5-room dwlg.
Owner—Chas. Buseck, 2310 25th Ave., Oakland.
Architect—None. $3000

APARTMENTS
(2405) 681 32ND ST., OAKLAND. 2-story 13-room apartments.
Owner—H. Weber, 681 32nd St., Oakland.
Architect—None.
Contractor—J. T. Foster, 569 37th St., Oakland. $10,000

ALTERATIONS
(2406) 681 32ND ST., OAKLAND. Alterations.
Owner—H. Weber, 681 32nd St., Oakland.
Architect—None.
Contractor—J. T. Foster, 569 37th St., Oakland. $1000

DWELLING
(2407) NE 25TH ST 150 W 23RD AV., Oakland. 1-story 3-room dwlg.
Owner—Mrs. W. M. Clausen, 2244 E 25th St., Oakland.
Architect—None.
Contractor—E. O. Newman, 2316 Buena Vista Ave., Alameda. $2000

BLDG., ETC.
(2408) LOT 12, BLK. H, Sheet 2, Map Country Club Acres, Oakland. All work for building, garage, walks.
Owner—Hallie M. Perry, Oakland.
Architect—None.
Contractor—G. A. Scott, 685 23rd St., Oakland.
Filed Apr. 29, 1924. Dated Apr. 29, 1924.
Frame work completed $1200.00
1st coat plaster com. 1200.00
Completed and accepted 1200.00
Usual 35 days 1277.50
TOTAL COST, $4877.50
Bond, $2500. Sureties, C. M. MacGregor and Alice M. Scott. Forfeit, $2.00 per day. Limit, 65 working days. Plans and specifications filed.

RESIDENCE
(2409) POR. LOT 22, BLK. 2242, Map of La Loma Park, Berkeley. All work for 2-story frame residence building.
Owner—Chas. C. and Florence T. Boynton. Buena Vista and La Loma, Berkeley.
Architect—E. Deakin, 3100 Telegraph Ave., Berkeley.
Contractor—Geo. Hansen, Harry L. Robertson and William Zumwalt, Oakland.
Filed Apr. 29, 1924. Dated Apr. —, 1924
Frame up .....¼
Brown coat plaster on .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $13,875
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Amount
April 25, 1924—LOTS 30 AND 31 BLK "E," Bates Rd., Oakland. Oscar Tornell et al to Bay Constr Co.... .....April 25, 1924
April 25, 1924—LOT 53 BLK 25, Havenscourt, Oakland. Walter Lee to whom it may concern. April 22, '24
April 25, 1924—PTN LOTS 33 AND 34 Map of Dutton Manor, San Leandro. G R Blasingame to whom it may concern.....April 25, 1924
April 25, 1924—LOT 14 AND ½ Lot 13 Blk 26, Albany. Walter F Cottrell to J E Sprague..April 24 1924

April 25, 1924—LOTS 1, 2, 3, 4, 25, 26, 27 and 28 Blk 65, Kellersberger's Map of Oakland. Jos Pierotti & Sons Co to John Perona.....March 15, 1924

April 24, 1924—LOT 19 BLK "G" — N Side Russel St., Berkeley. Margaret Naylor to A Hendrickson.. .....April 24, 1924

April 24, 1924—LOT "F" BLK 6, Resub Blks 5, 6, 7 and 8, Northland Tract No. 1, Berkeley. Chas Godin to S G Johnson.....April 24, 1924

April 24, 1924—FIRST AND MARket St. Crossing, Oakland. S. P Co to Hutchinson Co....April 14, 1924

April 24, 1924—NO. 1053 LONGRIDGE Road, Oakland. Isabelle Groogan to John S Easterly....April 23, 1924

April 23, 1924—NO. 1038 SHATTUCK Ave, Berkeley. C A Turner to John P Brennan.....April 21, 1924

April 23, 1924—NO. 2233 CALIFORnia St. Berkeley. J P Brennan to whom it may concern....April 21, '24

April 26, 1924—S ALAMEDA AVE 150 E Chestnut, Alameda. Neals Algot and Eda Christina Swanson to whom it may concern..... .....April 21, 1924

April 26, 1924—LOT 10 BLK 18 Map of shdvn of ptn of Hollywood, Oakland and San Leandro. Cummins & White to The Oakland Home Bldrs Co, Inc....April 24, 1924

April 26, 1924—PTN LOT 24 BLK "D" Map of Peralta Heights, Oakland. Milton S Bonds to whom it may concern.....April 19, 1924

April 26, 1924—NO. 1143 FIFTY-eighth Ave., Oakland. Martin Lien to whom it may concern.April 21, '24

April 25, 1924—LOT 7 View Tract, Oakland. S Victor Sandow to whom it may concern..April 26, 1924

April 25, 1924—NO. 1422 AND 1432 Sixty-seventh St., Berkeley. J A Berger to C M Gass...April 22, 1924

April 25, 1924—NW HARRISON AND Seventeenth, Oakland. A B Hoffsinger to F A Muller....Jan. 25, 1924

April 25, 1924—NO. 800 CONTRA Costa, Berkeley. Sarah F Burns to J Harry Smith.....Mar. 28, 1924

April 25, 1924—SW 45 LOT 7 BLK F Map of Grand Ave Heights (By-the-Park), Oakland. Frank McMarthy to Leo J Dolan..Apr. 25, 1924

April 25 1924—LOT 5 BLK K, 4th Ave Terrace, Oakland. K S Frederickson to whom it may concern.. .....April 25, 1924

April 25, 1924—LOTS 9 AND 10 BLK 12, Kinsell Tract No. 2, Oakland. A J Michaelson to C L Hewitt..... .....March 24, 1924

April 25, 1924—SE 10 LOT 28 and NW 30 Lot 29, College Court Tct, Oakland. C H Morrison to whom it may concern.....April 19, 1924

April 28, 1924—LOT 12, BLK 2, MAP of Thousand Oaks Heights, Berkeley. W. T. Van Voris to C. M. Rogers .....April 26, 1924

April 28, 1924—LOT 2, BLK. 3, Piedmont Heights Extension, Oakland. Mary B. Rogers to A. Hendrickson .....April 21, 1924

April 28, 1924—FOR. BLK. H, MAP showing sub. div. of Fifty Associates Tract, Oakland. E. Edw. and Margaret B. Cochrane to E. Field .....April 26, 1924

April 28, 1924—LOT 5 AND E 17 LOT 4 and W 8 Lot 6, Blk. L, Map of Fruitvale Blvd. Tract, Brooklyn Tp., Oakland. O. Zetterblad to whom it may concern..Apr. 25, 1924

April 28, 1924—N PAGE 65 E Buchanan E 45 x N 120, Louis Lo Presti to W. S. King..April 25, 1924

April 29, 1924—SW LOT A MAP OF Allendale Park, Oakland. Ernest F. Petersen to F. R. Brayton..... .....April 29, 1924

April 29, 1924—LOTS 1, 2, 3, 4, 5 and 6, Blk. 50, Map of San Antonio, Oakland. J. E. Sprague to whom it may concern..April 26, 1924

April 29, 1924—LOTS 3, 4, 5 AND 6, Blk. 4 Landregan Tr., Emeryville. Detroit Steel Products Co. to J. P. Slater.....April 19, 1914

April 29, 1924—LOT 8-9 BLK 18 Resubdivision of Hollywood lot 28½ a portion of flat 28, man of Maple Heights, Oakland. F. W. Alder & H. E. Clark to whom it may concern.....April —, 1924

April 29, 1924—LOTS 3, 4, 5 AND 6, Blk. 4, Landregan Tr., Emeryville. Detroit Steel Products Co. to R. W. Littlefield .....April 19, 1924

April 29, 1924—LOTS 1 AND 2, BLK G Northbrae Terrace, Berkeley. Northbrae M. E. Church to Thos. A. Cuthbertson .....April 28, 1924

April 29, 1924—LOTS 1 AND 2, BLK 9, Northbrae Terrace cor. of Hopkins St. and Napa Ave., Berkeley. Northbrae M. E. Church, Berkeley to Carl T. Doell..April 28, 1924

April 28, 1924—E 150 LOT 20, PLOT 17 Map Lake View Sub. Div. Plots 16, 17, 18, Watson Tract, Oakland. Henry W. Haler to whom it may concern .....April 26, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded	Amount
April 26, 924—NO. 562 HILTON ST., Oakland. Fred W Fischer vs M P Graves	$50
April 26, 924—SW THIRD AND OAK Oakland. R Marion Greathouse & Ray H Montague (G & M Concrete Co) vs Mellin & Taylor and E W Billett	$1047.25
April 26, 1924—SW THIRD AND OAK Oakland. Sunset Lumber Co vs E R Billett	$1583.10
April 26, 1924—SW THIRD & OAK, Oakland. Pacific Materials Co vs Mellin & Taylor and E R Billett..	$117.75
April 25, 1924—LOT 14 and Ptn Lots 2 and 7 Map of Barry Tract, Oakland, as subdivided. Nelson Lumber Co vs Mrs. Emma Cotton and C W Clayton	$652.90
April 29, 1924—LOT 1, THOUSAND Oak Station Tract, Berkeley. J. D. Gibbs vs. F. A. McCausland	$280
April 29, 1924—LOT 1, THOUSAND Oak Station Tract, Berkeley. D. Montans vs. J. W. Stunt	$250
April 29, 1924 — LOTS 9 AND 12-6 Lot 10, Map Re-Sub. Div. Lot 39, Kingsland Tract, Oakland. Cooley Hardwood Mfg. Co. vs. M. P. Graves	$70.13
April 29, 1924 — LOT 9 AND 12-6, Lot 10, Map Re-Sub. Div. Lot 39, Kingsland Tract, Oakland. C. A. Wood vs. M. P. Graves	$178.
April 29, 1924—LOT 5 AND 6 AND por. 4 and 7, Blk. 592 W. L. and E. L. Boardman Map of Galindo Tr., Oakland. Frank D. Muller vs. Solomon Brown	$176.50
April 29, 1924—NW COR. WARWICK and Dowling Blvd., Map of Broadmoor, San Leandro. Tilden Lumber Co. vs. F. A. McCausland	$2211.68
April 28 1924—LOTS 47, 48, 49, BLK. 15, Amended Map of Sunset Terrace, Oakland Tp., Albany. A. I. Bigley and J. F. Walsh (Bigley & Walsh) vs. Narcisco Lucchesi, John Doe, Richard Roe, Mary Green and Black-White Co.	$1355

Notice of Non-Responsibility

ALAMEDA COUNTY

April 26, 1924—PTN BLK 15 Map of Key Route Heights, Oakland. Alameda Invst Co as to improvements on property ..... Map Meek Garden Tract Eden Tp., Alameda County. Alameda Invst Co as to improvements on property

April 29, 1924—NO. 936 MARKET. Universal Picture Corp to whom it may concern.....

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE
LOTS 24 AND 25 BLK 8, 4th Addition, San Bruno. All work for one-story and basement residence and garage.
Owner—Louis B. Rasine, San Francisco
Architect—None.
Contractor—O. L. Lundy, 110 11th St., San Francisco.
Filed Apr. 22, '24. Dated Apr. 1, '24.

Frame up	$533.33
Plastered	533.33
Completed	53334
Usual 35 days	900.00
TOTAL COST,	$3600.00

Bond, $1800. Surety, Aetna Casualty Co. Limit, 60 working days. Forfeit, none. Plans and specifications filed.

BUNGALOW
PTN LOT 294, San Mateo Park, San Mateo. All work for bungalow and garage.
Owner—H. E. Jenkins, 1516 Adeline St., Burlingame.
Architect—None.
Contractor—Oscar L. Cavanagh, 256 State St., Burlingame.
Filed Apr. 22, '24. Dated Apr. 19, '24.

Frame up	$1500
Roof on	1500
Crown coated	1500
Completed	1500
Usual 35 days	1500
TOTAL COST,	$7500

Bond, none. Limit, 60 working days. Forfeit, plans and specifications, none.

RESIDENCE
PTN LOTS 114 AND 115 SUB No. 2, San Mateo Park, San Mateo. All work for two-story residence.
Owner—Peter S. and Kathleen Steenstrup, 421 Occidental, San Mateo. strop, 421 Occidental Ave., San Mateo.
Architect—E. J. Rogers, Phelan Bldg., San Francisco.
Contractor—Chas. Pedersen, 60 Peninsula Ct., San Mateo.
Frame up $3875
Brown coated 3875
Completed 3875
Usual 35 days..... 3875
TOTAL COST, $15,500
Bond, none. Limit, 90 working days. Forfeit, plans and specifications, none.

ALTERATIONS ad garage, $1500; Lot 12 Blk 5, San Mateo Drive, San Mateo; owner, A. Faulkenstine, San Mateo; contractor, T. C. Farris, Jr., 125 Arundel Rd., Burlingame.

DWELLING and garage, $6500; N ½ Lot 261, Midway Ave., San Mateo; owner, S. A. Francis, 11 W-Bellevue Ave., San Mateo; contractor, A. McIntyre, 446 Highland Ave., San Mateo.

DWELLING and garage, $5000; Lot D Bldk A, Grand Blvd., San Mateo; owner, Philip Yager, San Mateo; contractor, H. T. Holsher, 325 Elm St., San Mateo.

DWELLING and garage, $5000; Lot C Blk A, El Camino, San Mateo; owner, Philip Yager, San Mateo; contractor, H. F. Halsher, 324 Elm St., San Mateo.

BUNGALOW and garage, $5000; Lot 14, Blk. 43, Drake Ave., Burlingame; owner, C. D. Jones; contractor, Allen & Monahan, 35 Barriolhet Ave., Burlinganme.

DUPLEX bungalow and basement, $6000; Lot 20, Blk. 21, City of Burlingame; owner, J. S. Madden, 210 Myrtle Road, Burlingame.

BUNGALOW and garage, $10,000; Lot S, Blk. 1, Edgehill Drive, Burlingame; owner, Mrs. Kaltenback.

RESIDENCE and garage, $6000; Lot 10, Blk. 19, Highway, Burlingame; owner, William Reynolds.

BUNGALOW and garage, $3000; Lot 3, Blk. 34, Burlingame Ave., Burlingame; owner, C. E. McDonald.

TWO-STORY residence, $10,000; Lot 20 Blk. 60, Eastan Drive, Burlingame; owner, Mrs. H. H. Filmore; contractor, R. S. Brown.

TWO-STORY apartments, $11,000; Lot 7 Blk. 4, Park Rd., Burlingame; owner, J. Leomann.

MOVE parsonage and church bldgs., $2450; from the SE cor. or Bremerdin and Burlingame Ave. to the Watts, trustee for church.

BUNGALOW and garage, $4000; Lot 8 Blk 1, Mills Ave., Burlingame; owner, W. O. Nicolades, 218 Peninsula Ave., San Mateo.
BUNGALOW and garage, $3000; Lot 23 Blk 38, Stanley Rd., Burlingame; owner, D. F. Valentine, 19 Bancroft, Burlingame.
BUNGALOW, $8000; Lot 18 Blk 10, Balboa Ave., Burlingame; owner, Mrs. M. Wollmer; contractor, J. W. Rutherdale, Pacific Realty Co., Burlingame.
RESIDENCE and garage, $6000; Lot 22 Blk. 36, Vancouver Ave., Burlingame; owner, R. A. Sanguinetti, 1121 Cortez Ave., Burlingame; contractor, H. H. Putnam, 2508 Eastern, Burlingame.
DWELLING and garage, $5000; Lot 6 Blk. M, 12th Ave., San Mateo; owner, A. J. Pattison, 204 4th Ave., San Mateo; contractor, E. S. Slaver 765 Farrington Rd., Burlingame.

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
April 4, 1924—N ½ LOT 10 BLK 3-B, Western Addition, San Mateo. George F Walker, $400; Ajax Roofing Co, $265; J H Kruse, $743.34; James Lord, $404.25; Peninsula Electric Co, $57.30; Burlingame Lumber Co, $150.40; Wisnom Bonner Hwd Co, $49.65; I D Clerry, $35; J G Morrison, $463.30; James Hanlon, $238.30; Atlas Heating & Ventilating Co, $189; Lionel Stone, $564; American Furniture Mfg Co, $400.90; William F Taylor, $66.50; Geary Floor Co, $326.60; E C Jacobson, $326; San Mateo Feed & Fuel Co, $52.40; John A Gaffigan, $102.30; San Mateo Planing Mill Co, $1101.82; R A Miller, $751.10; Michael McGrath, $55 to C Koop and James Keegan.....

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
April 23, 1924—LOT 30 E ⅔ LOT 31 Blk 18, North Park Terrace, Fresno H G Marshall to whom it may concern.....April 22, 1924
April 26, 1924—LOT 3 21 ft. Lot 4 Blk 2, Lisenby Tct, Fresno. Manoog Manoogian to whom it may concern.....April 23, 1924
April 24, 1924—LOTS 5 AND 6 BLK 19, College Park, Fresno. J F Minor to whom it may concern.....April 23, 1924
April 25, 1924—LOTS 1 TO 6 BLK 1, Muller and Northcraft Add, Fresno North Side Christian Church of Fresno to whom it may concern.....April 22, 1924
April 25, 1924 LOTS 30 AND 31 BLK 8, Roeding Add, Fresno. Cons Inv Co to K O Kesler Co..April 25, 1924

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLINGS (2), one-story frame, $4500; S Macdonald St., bet. 39th and 41st Sts., Richmond; owner, E. Froebel, Central Hotel Richmond; contractor, Miller & Worley, 611 Elm St., El Cerrito, Cal.

BUILDING CONTRACTS

SACRAMENTO COUNTY

DWELLING, 5-room and garage, $4600; 593 36th, Sacramento; owner, S. W. Ottinger, 1009½ J, Sacramento.
ADDITION, $11,617, 2220 K, Sacramento owner, Christian Science Church, 2220 K, Sacramento; contractor, H. A. Hendren, 3125 Donner way, Sacramento.
DWELLING, 5-room and garage, $2500; 648 39th, Sacramento; owner, M. C. Valine, 2422 18th, Sacramento.
DWELLING, 6-room and garage, $4950; 900 35th, Sacramento; owner, C. A. Minard 801 U, Sacramento; contractor, E. I. Beebe, 916 38th, Sacramento.
BUSINESS & DWELLING 1-story, $11,832; 1323 K, Sacramento; owner, John Compagiannis, 1623 L, Sacramento; contractor, G. E. Harvie, 2212 T, Sacramento.
DWELLING, -room and garage, $4800; 632 36th, Sacramento; owner, R. M. Colclough, 1526 17th, Sacramento; contractor, L. F. Gould, 1623 O, Sacramento
DWELLING, 5-room and garage, $4000; 732 36th, Sacramento; owner, Carl Siener, 919 21st, Sacramento; contractor, H. L. Mee, 1920 D Sacramento.
DWELLING, 5-room, and garage, $3300 2308 25th, Sacramento; owner, D. Danielson, 2325 24th, Sacramento; contractor, Danielson & Gilpatrick 2325 24th, Sacramento.
DWELLING, 4-room and garage, $4050; 2751 3rd Ave., Sacramento; owner, Ed Waldron, 1322 H, Sacramento; contractor, P. R. Opdyke, 1009 7th Ave., Sacramento.
FLATS (2) 5 rooms each and garage, $8900; 1931 Santa Ynez, Sacramento owner, Frank Leal, 1521 U, Sacramento; contractor, P. R. Opdyke.
DWELLING, 5-room, $5200; 2620 Marshal Way, Sacramento; owner, Theo. B. Erickson, 2100 O, Sacramento; contractor, A. L. Johnson.
DWELLING, 6-room and garage, $3500; 416 12th, Sacramento; owner, Mrs. M. McCarthy, 315 15th, Sacramento; contractor, E. W. Book, 2912 G, Sacramento.
ADDITION, reinforced concrete and steel 8-story and basement, $137,537; 1409-11 J, Sacramento; owner, Pac Tel & Tel Co., 1409 J, Sacramento; contractor, Wm. Murcell, Ochsner Bldg., Sacramento.
REMODEL and make general repairs, $7500; 1190 J, Sacramento; owner, C. P. McLaughlin, 2121 M, Sacramento; contractor, W. R. Saunders, 2614 I, Sacramento.
DWELLING, 6-room and garage, $5150 2931 G, Sacramento; owner, Chas. Camengard, 2316 27th Sacramento; contractor, F. H. Artz, 1911 28th, Sacramento.
FLATS (4) 2-story 4 rooms each and basement, $12,000; 613 T, Sacramento; owner, Jos. Bianchi, 1915 6th, Sacramento; contractor, P. Leoni, 1415 P, Sacramento.
DWELLING, 6-room and garage, $4700; 740 34th, Sacramento; owner, L. G. Siller, 1616 13th, Sacramento.
FLATS (4) 4 rooms each and garage, $12,000; 1229 V, Sacramento; owner K. Simani, 1225 V, Sacramento; contractor, J. Lucas, 1604 V, Sacramento.
DWELLING, 6-room and garage, $5500; 1057 41st, Sacramento; owner, W. R. Saunders, 2614 I, Sacramento;
DWELLING, 6-room and garage, $4500; 3672 Bret Hart, Sacramento; owner Geo. Hall, 3686 Bret Harte, Sacramento; contractor, W. R. Saunders, 2614 I, Sacramento.
CREAMERY PLANT, 2-story reinforce concrete, $50,000; 3030 Q, Sacramento; owner, Glenn Dairy Co., 3673 Folsom Blvd., Sacramento; contractor, Holdener Const. Co., 2608 R, Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
April 19, 1924—LOT 305 BLK 27, Col. Heights, Sacramento. Georgia E Aitken to whom it may concern.....April 14, 1924
April 19, 1924—E ½ LOT 3, W, X, 12th and 13th Sts., Sacramento. A R Pratt to whom it may concern.....April 12, 1924
April 24, 1924—LOT 8 Columbia Terrace, Sacramento. Lottie E Jenkins and Marion E Schardin to whom it may concern..Apr. 12, 1924
April 24, 1924—LOT 6 and E ¼ Lot 7, H, I, 7th and 8th Sts., Sacramento. John Rasmussen to whom it may concern.....Jan. 10, 1924
April 24, 1924—PTN LOTS 6 AND 7 Blk 43, Oak Park, Sacramento. J E Francisco to whom it may concern.....April 21, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
April 22, 1924—W FTL N ½ LOT C Blk C So Sacramento. J. W. Hunt for Archie Hunt vs Charles Schmidt $60
April 22, 1924—N 60 FT LOT 8 I J 10 11, Sacramento. J. C. Hobrecht Co. vs Phyllis K. & Arthur H. Lamb $1100.73
April 25, 1924—S ½ OF LOT 5 T U 18 19, Sacramento. E. S. Carpenter under name of Western Lumber Co vs W. H. and Jennie S. Cox..$722.48

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

RESIDENCE and garage, $6000; No. 1372 N-San Jose St., Stockton; owner, Leon H. Levinson.
RESIDENCE, $2700; No. 1930 N-California St., Stockton; owner, Maud A Rogers.
DWELLING and garage, $5200; 601 Lexington, Stockton; owner, W. C. Allec, 511 N Grant, Stockton.
DWELLING and garage, $2700; 1559 West Flora, Stockton; owner, J. M. Johnson.
FEED & FUEL YARD, $36,000; 44 West Clay, Stockton; owner, Louis Biasotti, 44 West Clay, Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
April 23, 1924—C ST., Tracy. Southern Pacific Co to J E Johnston.....April 19, 1924

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
April 23, 1924—LOTS 39 AND 40 Blk 14, Searchlight Addition to Stockton. Herbert William Durand vs Richard M Morgan...$114.15
April 25, 1924—LOTS 19, 20, 24 & 33 Map of survey of Escalon Farms. A. E. Downer vs E. Wiesner..$595.05

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
April 23, 1924—LOT 14 Clara Vista Addn., San Jose. Carl C Sivertsen to whom it may concern.....April 22, 1924
April 23, 1924—LOT 6 BLK 1, Cline Sbdvn, San Jose. D M Cline to whom it may concern.April —, 1924
April 23, 1924—PTN LOT 7 BLK 2 Range 8 South Also NE Seventh and NW San Carlos NW 60 by 100.34 to beg., San Jose. J O Boesch to E Nommensen.Apr. 23, '24
April 25, 1924—E S-FIRST ST., bet. San Antonio and San Carlos Sts., San Jose. F L Burrell to whom it may concern.....April 24, 1924
April 25, 1924—PTN LOTS 13, 14 AND 15 Blk 6 Range 7 South, Snow & Pettis Addn, San Jose. Carl Lindholm to whom it may concern.....April 24, 1924
April 24, 1924—SE MELVILLE AVE and SW Webster SW on Melville, 80x100 to beg Ptn 4 Blk 92, Palo Alto. C R Rankin to whom it may concern.....April 23, 1924
April 24, 1924—NE FULTON ST. AND NW Kingsley Ave 50x112½ Blk 94, Palo Alto. Freeman O Nichols to whom it may concern...Apr. 21, '24
April 24, 1924—N FIFTH ST. dist about 70 W of Dowdy St, Gilroy. Carroll Wentz to William Radtke .....April 23, 1924
COTTAGE, 4-room, $2000; 11th and Julian Sts., San Jose; owner, Mrs. L. McCart; contractor, M. E. McCart.
COTTAGE, 6-room, $2600; Twelfth St. near Washington, San Jose; owner, Jno. Caserta, 492 N-13th St., San Jose.
COTTAGE, 3-room, $1000 No. 868 S-11th St. (rear); owner, A. R. Davis, 936 E-Santa Clara St., San Jose.
COTTAGE, 6-room, $4800; Hollywood near First, San Jose; owner, Sam Girace.
COTTAGE, 4-room, $1000; Twenty-third near William St., San Jose; owner, W. Taylor.
COTTAGES (2) 5-room, $3950 each; Second St. near Mission, San Jose; owner, Realty Associates, 40 E-Santa Clara St., San Jose; contractor, W. H. Norman, 272 S-12th St., San Jose.

COTTAGE, 6-room, $3600; Second and Jackson Sts., San Jose; owner, Joe Campisi, 1065 S-11th St., San Jose; contractor, McCrary & Sharp
ALTERATIONS, $2300; Delmas and San Jose Sts., San Jose; owner, J. H. Greene.
COTTAGE, 5-room, $3250; Third St. near Martha, San Jose; owner, N. Sordello; architect, L. Kay; contractor, J. D. Kay.
April 26, 1924—LOTS 2 AND 3 BLK 4, Resbdvn of W ½ of Blk 10, Reed's Addition, San Jose. Earl D Minton to whom it may concern.. .....April 25, 1924
April 26, 1924—PTN LOT 4 BLK C Palo Alto. Rosabel Foss to whom it may concern.....April 16, 1924
April 28, 1924—N JACKSON ST. and W Fifteenth N on 15th 78.50 W Jackson 41 ft S 15th 78.50 to Jackson E 41 to beg, San Jose. Wm H O'Neil to whom it may concern... ..... April 26, 1924
April 28, 1924—N JACKSON ST. 84.34 E 14th St. E on Jackson 41 N 14th 106.06 W Jackson 41 S 14th St. 106.06 to beg, San Jose. Wm H O'Neil to whom it may concern .....April 28, 1924
April 28, 1924—N JACKSON 125.34 E Fourteenth St. E on Jackson 41 ft. th N 14th St. 118.50 W Jackson 41 S 14th 118.50 to beg, San Jose. William H O'Neil to whom it may concern.....April 28, 1924
April 28, 1924—N JACKSON 41 W 15th St. W 43.34 on Jackson St. N 78.50 15th St. E 43.34 Jackson S 15th St. 78.50 to beg, San Jose. Wm H O'Neil to whom it may concern .....April 28, 1924
April 28, 1924—N JACKSON ST. 41 E 14th E on Jackson 43.34 N 14th St. 106.06 W Jackson 43.34 S 14th St. 106.06 ft., San Jose. Wm H O'Neil to whom it may concern... .....April 26, 1924
April 28, 1924—LOT 49 Adams & Keller Sbdvn., San Jose. John B Reidy to L C Rossi....April 26, 1924
April 28, 1924—BEING PTN LOTS 6 and 7 Blk 21, Chapman & Davis Tract, San Jose. Frank F Ferreira to whom it may concern.Apr. 26, 1924
April 28, 1924—PTN LOT 14 BLK 13, Hanchett Residence Park, San Jose. Kate E Johnston to whom it may concern.....April 25, 1924
April 29, 1924—LOT 4 BLK 14, Hanchett Residence Park, San Jose. Irving B Knickerbocker to Wm H O'Neil .....Feb. 29, 1924
April 29, 1924—NE VILLA ST. 100 NW Mariposa Ave NW on Villa St 50 ft. L NE 150 ft. L SE 50 ft. L SW 150 ft. Ptn Lot 1, Buena Vista Subdivision, San Jose. W J Lindsay to whom it may concern... .....April 25, 1924
April 29, 1924—PTN LOT 1, Buena Vista Sub., San Jose. W J Lindsay to whom it may concern..... .....April 28, 1924
April 29, 1924—LOT 18 BLK 3, Hanchett Residence Park, San Jose. Adolph G Goldstein to whom it may concern.....April 28, 1924
April 30, 1924—BEG PT 80 FT. S 11° 12' E from S line San Augustine and E line S P right of way NE 60 SE 80 SW 60 NW 80 to beg, San Jose. Pacific Gas & Electric Co to H Hallensleben..April 23, '24

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount

April 28, 1924—SARGENT RANCH bounded E by Monterey Highway, N by Miller & Lux, W by Santa Cruz County line and S by Pajaro River. Donald M Graham, $280; Chas A Bernardo, $189; Chas P Prewett, $845 vs Breacita Oil Co, Watsonville Oil Co and The J P Sargent heirs .....
April 30, 1924—NW WILLIAM ST. & W 16th W on William 127.96 L N 60 E William to 16th S on 16th St. 60 to William St. and beg. H B Miller, Frank J Fischer and L J Van Dalsen (as Miller Plumbing Co) vs E R Snyder.....$545.90

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount

April 26, 1924—E EIGHTH ST and S St. James W on St. James 85 ft. L S 45 L E 95 to 8th St. N 45 on 8th St. to beg., San Jose. William E Smith to Kate Rogers.....$947.09

April 26, 1924—PTN LOT 1 BLK 3, Range No. 8 North of San Jose, Southern Lumber Co to Katie Rogers $831.95

April 23, 1924—LOT 5 BLK 2, Garden City Tract, San Jose. Sunset Lumber Co vs John and Mary Freitas.. ....$55.45

Demand For "Travertite" Doubles–History of Product

By The Observer

"Travertite" is a product manufactured in Northern California by P. Grassi & Company with main offices and a modern plant occupying nearly 120,000 square feet of ground area at 1945 San Bruno Avenue, San Francisco.

The product is the result of innumerable experiments by the inventor, Mr. A. Minutoli, which have extended over a period of sixteen years, the material being practically perfected about fourteen years ago. Owing to a lack of facilities for its manufacture in large quantities, it was not placed on the market until four years ago.

"Travertite" is a mixture of California Travertine Marble, quarried in the hills of Solano County, Portland Cement and chemicals, the nature of latter being known only to the inventor. The manufactures assert that the chemicals used close all pores in the product making it practically waterproof and exceptionally hard.

The principal ingredient of "Travertite" is Travertine Marble of which there is more than ninety per cent in the finished product. Travertine Marble is known for its hardness and weather resisting qualities.

Black Belgian, Verde Antique, Travernelle, Pink Tennessee, Red Numidian and many other colored marble chips are also used in "Travertite" which permit the manufacture of a great variety of colors and textures.

"Travertite" is made by pulverzing or crushing the marble to the desired fineness, which is mixed with cement, water and chemicals and cast in molds. All ornament is first modelled in clay. After casting it is allowed to cure for approximately ten days and for exterior work all exposed surfaces are then finished with pneumatic carving tools by skilled stone carvers. For interior work the product is cast in slabs, blocks and other shapes and after curing is rubbed, honed or polished in the same manner as marble.

"Travertite" is used for exterior facing in the same manner as terra cotta, granite, or stone. The product also serves in the manufacture of garden furniture. For interior work it is extensively used for flooring and wainscoting, stair treads, lavatory partitions, mantels, etc.

Company officials declare, that without any special solicitation the use of the product has about doubled during each four months period in the last two years. San Francisco structures in which the material has been used include the California State Building, Provident Surety Building, Spring Valley Water Building, Stock Exchange Building, Loew's Warfield Theatre, California Commercial Union Building, Alexander Building and the Hebrew Home. The product is also extensively used in other cities of the Bay District, San Jose, Sacramento and Los Angeles.

During the present month the company has been awarded contracts for "Travertite" in the following buildings: Senator Hotel, Sacramento; Wakefield Building, Oakland; Bank of Italy, Oakland; Bank of Italy, Marysville; Masonic Temple, Santa Barbara; Masonic Temple, San Jose and Hale Bros. Department Store, Sacramento.

P. Grassi & Company is owned and operated by Messrs. P. Grassi and A. Minutoli. Mr. Stanton Willard, Architect, is in charge of the Architectural Department of the concern. In the Southern California District the company is represented by Mr. Arthur Stibolt, who maintains headquarters at 570 North Cahuenga Avenue, Los Angeles.

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Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.
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818 Mission Street

SAN FRANCISCO, CALIF., MAY 10, 1924

Published Every Saturday
Twenty-fourth Year No. 19

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Remixes Concrete

When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

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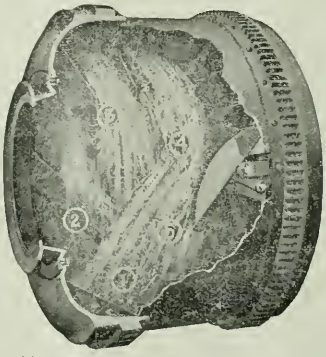
Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.

KOEHRING COMPANY
MILWAUKEE WISCONSIN



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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$36,000,000 Expenditure is San Francisco Bridge Program

Three huge bridges to cross San Francisco Bay at various points are included in the bridge building program of San Francisco. The proposed contemplated expenditure on these structures is placed at $36,000,000.

The Golden Gate bridge, declared to be the most important project, is being planned by City Engineer M. M. O'Shaughnessy and J. B. Strauss, placed at $17,250,000. Hearings on the proposal to construct this bridge will be held before the United States Army Engineers in the chamber of the San Francisco Board of Supervisors on May 16, according to word received by Colonel Herbert Deakyne, chief of the army engineers in this district.

Of the total estimate, $17,250,000 for the Golden Gate bridge, $2,415,000 will be needed for cable, $11,100,000 for structural steel, $24,000 for rails, $100,000 for railing, $134,000 for lumber. The foregoing figures are for superstructure. On the substructure $1,368,000 is estimated for concrete; $78,000 for reinforcement; two caissons, $520,000; two abutments, including anchorage, $440,000, with miscellaneous cost of $61,000.

The plans call for 5250 tons of cable, 74,000 tons of structural steel, 400 tons of rails, 500 tons of railing, 1675 thousand feet of lumber, 114,000 cubic yards of concrete and 1460 tons of reinforcement.

The main or central span is 4000 feet long and two side spans 1320 feet long each. The two main cables proposed for the bridge would be 2640 feet long and 20 inches in diameter. The cross section width is 80 feet.

The center span of the bridge is 2400 feet greater than the Manhattan bridge and 750 feet longer than the greatest span yet proposed. The towers of 150 feet would be 34 feet lower than the famed Eiffel Tower in Paris. The bridge floor would be 200 feet above the water.

Engineer Ralph Mojeska, national authority on bridge structures, who came to San Francisco several years ago in relation to the proposed bridge to Alameda County, recently examined the Golden Gate bridge plans and declared them sufficient to assure a permanent structure.

With the presence of J. A. Waddell, engineer, of New York City, in San Francisco plans are being laid for a Hunters Point, to supplement the already authorized structure across the Dumbarton Straits. Waddell is here to interest local capital in the scheme.

The proposed Hunters Point bridge is estimated at more than $17,000,000, the sum estimated for the Golden Gate bridge. The Dumbarton Straits bridge, for which final plans for organization are being considered by the Chamber of Commerce, is estimated at $2,000,000.

HIGHWAY FUNDS AVAILABLE

There is now available approximately $2,702,600 for the improvement of highways in various counties of the San Joaquin valley in the immediate future, according to a survey made by the Contractors' Association of Northern California.

Of this sum, $1,500,000 is to be spent in Kern county for the resurfacing of highways and the construction of new roads.

In Fresno county, $30,000 is available, while another $300,000 is to be spent on highways to be built under the road improvement district plan.

Merced county has $50,000 for permanent bridges and another improvement district.

Four hundred thousand dollars is available in San Joaquin county for bridge and highway construction.

In Stanislaus county, $62,600 is available for new highway construction.

Road funds available in Kings county amount to $10,000.

In the entire state, there is slightly in excess of $10,000,000 to be spent in the various counties.

NEW FLOORING

The construction industry was recently introduced to a new kind of flooring, made of leather and vegetable fiber waste and intended for laying over wood or concrete. Though impregnated with a coal tar water-proofing compound to prevent its warping or buckling, the flooring is said to be fire resistive in high degree.

CEMENT ASSOCIATION TO ISSUE HOUSE PLAN BOOK

The new House Plan Book about to be issued by the Portland Cement Association will replace the Association's initial book "Concrete Houses," which was published last year. The new book will illustrate and describe forty different designs intended to be constructed of concrete block with portland cement stucco. These designs have been prepared by more than thirty prominent architects from the Atlantic to the Pacific and show truly architectural gems which come within cost estimates ranging from $3000 to $10,000. The new publication will be off the press about May 1 in contemplation of offering it to prospective builders, contractors and the public in general before Better Homes Week is observed, May 11 to 18. In addition to showing plans for houses, the new book describes methods of concrete masonry construction, the use of stucco, and discusses fully various concrete building units, such as concrete block, brick, structural tile and roofing tile. A price of 50 cents will be asked for the book. Working drawings and specifications covering all the plans in the book will be available at normal cost through the Portland Cement Association, 111 West Washington St., Chicago.

SACRAMENTO BUILDING

Ben H. Covell, city building inspector of Sacramento, reports the issuance of 336 permits during the month of April, the improvements representing an expenditure of $849,290 as compared with 301 permits for $699,047 during the same period in 1923. During the past month 113 one-story frame dwellings were erected at a cost of $365,870.

SAFER GRADE CROSSINGS

Plans for the safeguarding of California's 11,000 railroad grade crossings, which last year claimed a total of 138 lives and seriously injured 303 other persons, was the subject of consideration of highway and railroad officials at a meeting held at the Palace Hotel, San Francisco, under the direction of the good roads bureau of the California State Automobile Association. H. J. Brunnier, chairman of the bureau, presided.

Action was taken to provide for the appointment of a committee of eight to undertake the promotion of necessary engineering and research work, legislative and financial problems, and to act as a clearing house for educational and publicity work.

WATER STORAGE PROBE

Officials of Nevada State have been advised by the U. S. Reclamation Service that a thorough investigation of the storage possibilities on the upper portion of the Truckee River will be made shortly, probably during the visit of F. E. Weymouth, chief engineer of the service, who is scheduled to be in Reno before the end of May.

A hearing will be held at which advocates and opponents of the Spanish Springs reservoir will be given opportunities to present their views.

It is understood the reclamation service desires to settle all friction among Nevada residents over the Spanish Springs project before proceeding with construction of the unit. Pronounced opposition to the project prevails among numerous land owners near Reno and Fallon.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Completion of the main section and spillway of the Butt Valley dam in Plumas county is announced by the Great Western Power Company. The dam, of the massive hydraulic fill type, increases the storage in Butt Valley from 5000 to 50,000 feet and is the second big project finished this year by the Great Western, designed to provide additional hydro-electrical power for California industries. The first was the installation of the third unit at the Caribou power plant, adding 32,000 horsepower to its capacity. This was put into operation April 1.

Because the Sugar Pine Lumber Company was assisted in locating in Fresno by Fresno subscriptions, the Fresno County Chamber of Commerce is investigating the report that the company employes men imported to Fresno "instead of American residents and taxpayers". The lumber company officials are quoted as saying that not more than 10 per cent of the men hired are Mexicans. It is charged that Mexicans were imported to Fresno by the lumber company in "carload lots."

A certificate of decrease in capital stock of the Tacoma Mill Company from $250,000 to $10,000 has been filed with the county clerk of Redwood City. It is stated that the indebtedness of the company is now less than $5000 in the certificate, which is signed by Elizabeth B. Hanson and Edward Teltzen, president and secretary, respectively.

An average of approximately 20,000,000 board feet of logs was shipped monthly from British Columbia to the United States last year. The total for the year was 230,000,000 feet. The logs are worth approximately $16 per thousand, so that the value of the monthly exports was about $320,000.

Homer T. Hayward Company has purchased from the Tynan Lumber Company its building, stock of lumber and real estate at Paso Robles. The company already has branches at Salinas, Watsonville, Atsacadero and several other cities in central and southern California.

A certificate has been granted by the State Railroad Commission to M. F. Smith to operate an auto freight service for the transportation of lumber between Etna Mills and mills adjacent to that town and Montague via Fort Jones.

Asbestos for paving uses is proposed by the Panhandle Asbestos Co., of Lewiston, Idaho, which is soon to determine the location of a mill to handle the asbestos from the deposits at Kamiah. It is proposed to build the plant either at Lewiston or a Kamiah.

The State Industrial Accident Commission has accepted the resignation of H. L. White, for ten years secretary of the commission. White refused to comment upon his resignation.

Offices, sheds and yards of the Anderson Lumber Company at Anderson, Shasta County, were destroyed by fire May 2. Loss is estimated at $20,000 on which there is $15,000 insurance.

Mill of the Spruce Lumber Company at Tillamook, Ore., was destroyed by fire, April 28.

Building, savings and loan companies during 1923 made the largest growth in their history, according to Miss Ann E. Rae of Niagara Falls, president, who is completing arrangements for the organization's convention to be held in Cleveland, July 23-25. There are now more than ten thousand loan companies in the United States, which serve more than seven million persons, Miss Rae said. Ohio associations have just stepped into first place among the states with assets exceeding $650,000,000 and serving 1,700,000 persons.

At a recent meeting of heads of various lumber companies of Plumas county it was decided to cut the wages of men employed by them 10 per cent. The wage cut is effective May 5. The cut is due, reports say, to the curtailment in the output of the box factories which are being affected indirectly by the foot and mouth disease which has caused the quarantines of fruits and vegetable. A large percentage of the output of Plumas county's mills in box lumber. Many large mills in the county have discontinued operating night shifts.

California State Railroad Commission has authorized a reduction of 40 cents a ton in cement rates, carloads, moving from the cement mills at Oro Grande, Victorville, Colton, Crestmore, Riverside Junction and Monolith to Los Angeles, San Pedro, Wilmington, San Diego and other points in the vicinity of Los Angeles. The rates will become effective five days after the filing of tariffs and will expire December 31.

C. C. Kennedy, San Francisco consulting engineer, has been awarded $1,087.33 in his suit against the city of Gustine for $2,174.67 alleged due for engineering services in connection with a street paving program. The work was undertaken during 1920 and 1922.

Protests have been filed with the Oakland city council against paving Thirteenth street with a patented pavement. Signers of the protest assert they will "take steps to prevent the enforcement" of the paving ordinance unless the council rescinds its action.

Operations at Merced Falls will be started by the Yosemite Lumber Company shortly. Approximately 1000 men will be employed, 500 in the mills and 500 in the woods.

H.F. Alexander, president of the Pacific Steamship Company, announces his company plans to expend approximately $4,000,000 in the construction of a terminal at Seattle.

A new wage scale at $1.50 per hour for bricklayers went into effect in March in Denver, Colo. At the same time tile setters were granted a new rate of $1.62½ per hour.

Bids for the purchase of a $3,000,000 block of California state highway bonds will be considered June 19. The bonds bear 4½ per cent interest.

Rube Wright Angel, 75, a retired lumberman, died in Fresno May 3. Angel resided in Fresno for the past thirty-five years.

ALONG THE LINE

William Henry Cox, president of the Fresno Master Plumbers' Association, died at his home, 474 Howard street, that city, April 29. Cox was 41 years old and a native of Tennessee. Besides his wife, Mrs. Maude Pauline Cox, he leaves three children, Clark W., Mary J. and Emily Cox, his parents, Mr. and Mrs. Thomas Cox of Georgia, four sisters, Mrs. P. M. Palmer of Fresno, Mrs. L. C. Sweat of Florida, Mrs. R. J. Buchanen of Tennessee and Miss Chloie Cox of Georgia, and two brothers, T. J. and W. C. Cox of Georgia.

Chas. A. Lee, San Francisco engineer, has been engaged by the Los Angeles public service commission as consulting expert in the matter of certain legal complications arising from water rights along the Owens Valley project. He will be paid a salary of $400 for 13 days of each month, together with $50 per day when his duties involve traveling, and $30 per day when in the office.

The architectural firm of Losekann & Clowdsley, for the past five years doing business at 308 Elks Building, Stockton, has dissolved partnership, each member entering business for himself. Mr. Clowdsley has opened offices in the Exchange Bldg., Stockton. Mr. Losekann will continue to maintain offices in the Elks Building.

J. E. Williams, senior member in the firm of J. E. Williams & Sons, Santa Rosa, has been appointed city manager of that city, succeeding Abner E. Hitchcock, resigned. Prior to entering business for himself, Mr. Williams was employed as a civil engineer by the Northwestern Pacific Railroad.

Santa Cruz city council contemplates adoption of ordinance which is designed to rule out of city bidding any patented or royalty bearing pavement. A discussion as to the legality of the measure was closed when it was shown that other cities have adopted such ordinances.

Evarard Thompson, constructor of the famous Yale bowl and the man who constructed the Sheepshead, Bay speedway, died in San Francisco, May 1. He was 51 years old. Death was due to heart trouble.

W. W. Lane, assistant state highway engineer of Arizona, has resigned to engage in private practice. Mr. Lane was formerly county engineer of Pinal county, Arizona.

Garland-Affolter Engineering Corp., capitalized at $60,000, has been incorporated in San Francisco. Directors are: A. E. Garland, P. H. Affolter and W. C. Schneider.

Professor Eugene Neuhaus and John H. Kimball have resigned as members of the Berkeley City Planing Commission.

American Society of Civil Engineers will hold its fifty-fourth annual convention at Fresno, Cal., June 18-20.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

STATE BOARD CO-OPERATION IS ASSURED BUILDERS

J. C. Beswich, director of Vocational Training for the State of California, announces that his department will be pleased to co-operate with Builders' Exchanges in interesting their school boards in apprenticeship training for the various crafts of the building industry. The state will reimburse school boards with State and Federal funds to the full amount of such expenditures.

Exchanges and school departments interested in the training of pupils for the building trades are requested to communicate with Nicholas Riccardi, Commissioner of Vocational Education, Mills Bldg., Sacramento, or J. C. Beswick, director, of the same address.

MASTER PLUMBERS TO INSPECT HETCH HETCHY PROJECT

Master plumbers of San Francisco and Oakland will inspect the Hetch Hetchy water supply and power project on June 13, 14 and 15, according to plans now being made by the officers of the San Francisco association.

The party will leave San Francisco on Friday night, June 13, and will return Sunday night. Jos. Rohr, 2333 Post street, has charge of the arrangements, which include a special price of about $30 for the whole trip, including berth on the train, carfare and hotel accommodations while at Hetch Hetchy.

BETTER HOMES ARCHITECTURAL COMPETITION PLANNED

The Architectural Club of Long Beach through an advisory committee will have charge of a "better homes" architectural competition for which $1000 in prizes have been given by the firm of McGrath & Selover, realtors. Designs must be for dwellings to cost less than $5000, exclusive of gardens, walks and garage. The competition is open to all makers of architectural drawings and will be under the rules approved by the American Institute of Architects. Warren Dederick and Harvey Lochridge are committeemen. The contest closes at noon May 19.

FOREIGN TRADE EXPANSION IS ESSENTIAL, SAYS LUMBER CHIEF

"Expansion of the foreign trade of the United States is essential for the prosperity of the country this year," C. D. LeMaster, secretary of the lumbermen's association, declared on his return to Fresno from Chicago where he attended the annual convention of the lumber manufacturers' association, a millworkers cost bureau meeting and a directors' meeting of the concantenated order of Hoo Hoo, of which he is snark of the universe. This conclusion was reached, LeMaster asserted, through conversation with many of the leading business men of the United States.

SEEK NAME CHANGE

Providing approval can be obtained from the Board of Directors of the American Society of Civil Engineers in New York City, the name of the Seattle Section of that organization, will be changed to the "Western Washington Section."

The Seattle membership at its April meeting, held at the Engineers' Club, voted in favor of the change.

State Building Meet in Oakland and Adopt Resolutions

More than seventy-five delegates from all sections of Central and Northern California attended the session of building contractors in Oakland, May 2, for the purpose of organizing a State Builders' Exchange. Members of the Alameda County Builders' Exchange acted as hosts to the out-of-town visitors and took the initiative in the plans of perfecting the new organization. The sessions were held in the Hotel Oakland.

The need of a uniform building code in various cities of the State to do away with the present unwieldy method of handling building contracts was urged in a resolution adopted by members. They also voted to work for the passage of a State license and bonding law as protection to legitimate contractors, owners and the public.

Of importance was the discussion on a resolution on the advisability of licensing carpenters. This resolution provided that carpenters should be required to take definite training before practicing their trade and be licensed by the State as a protection against inferior workmanship.

A fourth resolution and one recognized as important to the building industry dealth with adoption of proper and uniform methods of receiving bids.

Another resolution related to providing a uniform contract form and method of payments under same by owners who contract for work.

The sixth resolution calls for action that will secure proper guarantees from owners with reference to responsibility involved in financing proposed work.

Group life insurance was included in a seventh resolution, it being urged that builders of the State adopt a uniform plan of group life insurance for members and employes.

Another resolution dealt with group compensation and public liability insurance and group automobile insurance as a saving measure for Builders' Exchange members.

In a resolution it was urged that all members exchanges of the State body endeavor to own their own buildings.

Another resolution provides extension of exchange benefits to all building crafts.

The resolutions were presented by a committee comprising A. N. Morris of Los Angeles; John Biller, San Francisco; Frank Dixon, Sacramento; Wm. Eissler, Bakersfield; C. A. Perkins, Stockton.

Other committees named by Chairman Jones were:

Legislation, D. B. Farquharson, San Francisco; William Eissler, Bakersfield; J. B. Cooney, Sacramento.

License Law, O. H. Chain, Stockton; Robert Inglis, Stockton; G. E. McDaniel, Marysville.

Building Code, Frank Liscombe, Stockton; C. A. Hunn, Marysville, and A. W. Palm, Sacramento.

Method of Receiving Bids, Frank Dixon, Sacramento; F. E. Nelson, Oakland, and O. H. Miller, Stockton.

Contract Forms, J. W. Robinson, Marysville; W. J. Scott, Stockton; W. A. Murphy, Stockton.

Group Insurance, L. A. Williams, Frank Booth, L. C. Fraser.

Owning of Exchange Buildings and Extension of Benefits to Crafts, T. D. Sexton, Oakland; A. N. Morris, and C. A. Perkins.

LOS ANGELES BUILDERS ELECT

Godfrey Edwards of Edwards, Wildey & Dixon Co., general building contractors, was elected president of the Builders Exchange of Los Angeles, at the annual election April 17. Other officers are: First vice-president, G. E. Arbogast and L. L. Rogers; second vice president, J. C. Hanley; treasurer, Emil Brown; director-at-large representing crafts with less than 5 members, P. J. Bolin; directors, art stone and staff group, J. F. Stroup; associated concrete industries, Fred F. Foster; surety bonds, C. S. Van Brunt; burned clay products, A. T. Wintersgill; cement tractors, J. N. Patillo; cement manufacturers, Harley Wadsworth; contractors' equipment, machinery and supplies, G. A. Volby; electrical contractors, R. Wolfsberg; general contractors, W. E. Burch; hardwood floors, David Woodhead; iron and steel, G. W. Saurrett; lime, cement and plaster, Thomas Gordon; lumber, Chas. C. Havens; mason contractors, Arthur Pinner; metal lath, Perry Sawyer; painting contractors, R. E. Swan; painting supplies, E. T. Soderstrom or J. C. Lee; plastering contractors, J. J. O'Connor; plumbing contractors, Wm. McArthur; roofing dealers and contractors, H. F. Boesche; sand, rock and gravel, P. W. Penland; sash and doors, fred Theriot; sheet metal, Fred Dee; water heaters, E. S. Hoyt, Jr.; window shades, W. E. Swem.

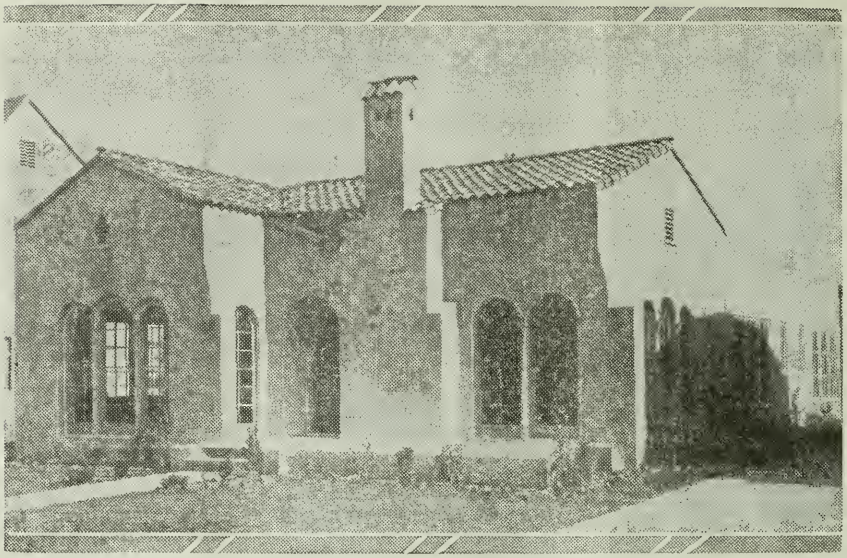
Messrs. Wintersgill, Burch, Havens, Pinner, O'Connor and Young are directors holding over from last year.

BUILDERS TO BANQUET

Builders' Exchange throughout Northern California will be represented at the banquet of the Contra Costa County Builders' Exchange to be held at the exchange headquarters in Richmond, Friday evening, May 16. It is expected that 200 members of the building fraternity will attend the banquet. Committees will be appointed within the next few days to complete a program of entertainment.

LUMBERMEN ARE WARNED

Lumber firms whose export business has in the past been confined to markets where an irrevocable letter of credit is customary should bear in mind that it is useless to ask similar terms from European customers, says the U. S. Department of Commerce. One reason is that while some markets are dependent upon America for the bulk of their requirements, Europe buys from all wood producing countries in the world without this requirement. Many European lumber firms have been in the hands of one family for generations passing from father to son and, therefore, regard their trustworthiness as established and the acceptance of such terms would at once lower their position in the eyes of their business associates.



CASA DEL SUENO—The House of Dreams.

BY THE OBSERVER

A home owner on almost any terms is better than rent.

A home owner is a taxpayer and therefore a more deliberate and discriminating voter.

A home owner is a better employe, a better husband, a better father and a better and more useful citizen of the community in all respects.

Most persons spend the greater part of their lives in their homes. Making the world a better place to live in must mean to a large extent making homes better places to live in—such is the aim of the Better Homes Movement in America which is now in full swing in various sections of the country and which will be launched at Stockton, Calif., Saturday, May 10 to Sunday, May 18, inclusive.

The Stockton Better Homes Movement was promoted by Joseph Plecarpo of the Sterling Building Company of Stockton which had direct supervision over the construction of Casa Del Sueno—the house of dreams.

The home is of frame construction with a stucco exterior. It was designed by Miss V. DeVeau Akin of Beverly Hills, a graduate of the Boston Technical College. The house and grounds are valued at $9,350. The structure will be completely furnished by the Stockton branch of the John Bruener Company.

> The efforts of the San Joaquin County building fraternity in promoting a "Better Homes Week" will not go un-rewarded.
>
> Homes—moderate cost homes—are needed in every section of Northern and Central California. Despite the increased activities in home building during the past few years, the housing shortage still exists.
>
> Homes—and plenty of them—are needed and efforts should be made by the building interests to promote schemes whereby the public should be made to realize the fact.
>
> Builders' Exchanges should enlist the aid of civic organizations, merchants and realtors in their city in an effort to promote home ownership. All will profit through such co-operation.

Another structure, to promote the better homes idea in Stockton, is that of Frank Campodonico—a California bungalow. The home is located in Tuxedo Park and will be furnished by Lauxen and Catts of Stockton.

Members of the Stockton building fraternity who made possible the erection of Casa Del Sueno are:

Stockton Lumber Company, lumber; Miller-Hays Co., plumbing; Electric Planing Mill, millwork; N. J. Miller, plastering; Chas. H. Miller, brickwork; San Joaquin Brick Company and Yollander Ice and Fuel Company, various materials; E. J. Blanchard, painting and wallpaper; J. A. Silver, concrete work; Schmitz and Dobner, shrubs and landscape work; John Bruener Co., furniture; Manthey Bros., shades; Stockton Gas and Electric Appliance Co., furnace and Ruud water heater; R. E. Fraser Co., tile work; Willard Hardware Co., hardware; Pacific Hardwood Floor Company, hardwood flooring; H. P. Fisher, tile and marble work; Grider Electric Co., electric fixtures.

BUILDING MATERIAL MANUFACTURED FROM WASTE GLASS

Another waste product of industry has been turned to profit, and a new building material has been made. This latest contribution is known as glass slag. It is the waste prdouct from plate glass mills in the Middle West, and was formerly thrown away or was used to fill and so reclaim swamps.

Recently, when the present manufacturer was in the service of a midwestern railroad, a supply of this slag was offered the road for ballast. An investigation showed that new uses could be made of this material. The manufacturer left the road and made a contract for the purchase of the entire slag output of the glass mills.

The slag is broken up into desired sizes, is screened to separate the sizes, and is then sent to the trade. This slag, which comes in three colors — dark green, light green, and amber, as well as in the form of a white powder—may be used as pebble dash on stucco and as facing for concrete products. It also has other uses.

The originator of this new material, H. H. Potts, operates a plant at 3056 East Ninety-fifth Street, Chicago, under the name of the Crystal Building Products Corporation. The material has been on the Chicago market since the first of the year.

Just The Core

Compiled by
California Development Ass'n.

Altadena—$500,000 three-story auto storage and apartment building to be built.

Anaheim—$200,000 high school bonds to be voted April 25th.

Antioch—$200,000 to be spent by Great Western Power Co. to increase capacity of substation at Antioch and Clayton.

Bakersfield—$135,000 Post Office to be constructed. $60,000 cotton seed oil manufacturing plant to be erected by San Joaquin Cotton Oil Co.

Bell — $250,000 branch high school building to be erected at Bell and Flora Aves.

Berkeley—$1,000,000 bond issue providing for combined municipal auditorium and high school being considered.

Carmel—$250,000 modern hotel building planned by Mrs. Lotta A. Shipley.

Compton—$119,000 grammar school to be constructed.

Crescent City—$250,000 tourist hotel project being considered by local citizens.

Eagle Rock—$150,000 girls' dormitory to be erected at Occidental College.

El Cerrito—$700,000 to be spent for additions to Golden Gate substation by Great Western Power Co.

Inglewood — $50,000 fireproof warehouse to be built by Inglewood Mfg. Company.

Long Beach—$5000,000 bonds to be voted May 8 for improvement of Inner and Outer Harbor. $300,000 five-story apartment building to be erected at First St. and Lyon Ave.

Los Angeles—$350,000 James A. Foshay, Junior High School to be erected on Hobart Blvd. $175,000 telephone exchange to be built for Southern California Tel. Co. $800,000 13-story office and loft building to be erected. $600,000 9th St. Viaduct to be constructed. $7,500,000 Own-Your-Own Apartment building planned. $500,000 modern glass manufacturing plant planned by Co. Glass Co. Modern mill constructed warehouse to be erected by Alco Flour Co.

Monrovia — $134000 already pledged toward new two-story community hotel. $150,000 theatre building planned on West White Oak Ave. $2,500,000 investment planned by Colby Management Corp. for construction of foundry, machine shop and assembling plant.

Oakland — $500,000 12-story Physicians Bldg. to be built at 19th and Franklin Sts. $160,000 gas generator to be installed by P. G. & E. Co. at foot of Market St.

Ojai—$250,000 site of 120 acres purchased by Krotona Institute of Theosophy. Many new buildings planned.

Orange—$300,000 three-story I. O. O. F. Building under consideration.

Palo Alto—$150,000 modern 2-story grammar school to be erected.

Pasadena—$2,994,000 bond issue considered by Pasadena School District. $750,000 store, office and theatre building planned.

Piedmont—$25,000 school building to be erected.

Ripon—$60,000 evaporating plant to be built by Meyenberg Exaporated Milk Co. of S. F.

Sacramento—$100,000 brick theatre planned for Oak Park.

San Diego—$220,000 to be expended by Catholic Society for school on Vanfruff property.

San Francisco— $300,000 stadium planned for Golden Gate Park opposite Polytechnic High School. $165,000 2-story concrete factory to be erected by Kleiber Motor Truck Co. $1,500,000 15-story addition to be made to Clift Hotel. $360,000 to be spent for four modern apartment buildings.

San Gabriel — $150,000 mausoleum planned by Western Mausoleum Co.

San Leandro—$100,000 theatre planned at Ward St. and Washington Ave.

Sawtelle—Favorable report on $1,500,000 Federal Hospital at National Soldiers Home made by House Public Buildings Committee.

Stockton—$250,000 10-story addition to be erected by Coml. & Savings Bank.

Whittier—$100,000 bonds to be voted April 29th for extension of water mains.

Cement and Concrete Study is Plan of Standards Bureau

A broad and scientific investigation of the properties of cement and concrete will be undertaken by the Bureau of Standards of the Department of Commerce in conjunction with the Portland Cement Association of Chicago.

The program which is the result of many conferences between the Bureau of Standards and the Portland Cement Association has now received the full endorsement of the Advisory Committee to the Department of Commerce on Cement and Concrete and will be put into effect so soon as the technical forces can be assembled.

The committee was assisted in its conclusions by Assistant Secretary of Commerce, J. Walter Drake, and representatives of the Portland Cement Association, the American Concrete Institute, the Bureau of Standards and the Division of Building and Housing, both of the Commerce Department, the Reclamation Service of the Department of the Interior, and the Navy Department.

Besides utilizing the results of its own study of the problem, it is the purpose to secure from all laboratories, research institutions, organizations and individuals such information as they may possess regarding concrete as will permit the committee to recommend to the public the most improved methods for making and using concrete.

The scientific research will include an intensive study of the chemical and physico-chemical properties of Portland cements, of the raw materials from which they are manufactured and of the products into which they are converted when used in concrete. The investigation will involve a study of the pure ingredients, the influence of rock impurities and the natural deviations from the maximum composition, the temperature and time effects in manufacture, the reactions occuring in setting, the physical and colloidal behavior and hydration phenomena in setting, and the physico-chemical influence of many extraneous agents possibly affecting the material in service.

At the second meeting of the Advisory Committee there were in attendance all the members of the Committee as follows: John Lyle Harrington, Chairman, Engineer, Kansas City, Mo.; C. H. Boynton, Cement Manufacturer, New York, N. Y.; Max N. Dunning, Architect, Chicago, Ill.; H. C. Turner, Contractor, New York, N Y; Charles M. Upham, Highway Engineer, Raleigh, N. C.

In addition the following representatives were present: Portland Cement President; D. A. Abrams, Prof. in charge Structural Materials Research Laboratory; G. E. Warren, Assistant General Manager; American Concrete Institute—A. E. Lindau, President; Department of Commerce—George K. Burgess, Bureau of Standards; P. H. Bates,, Bureau of Standards; John M. Gries, Division of Building and Housing; F. P. Cartwright, Division of Building and Housing; Interior Department—C. A. Bissell, Reclamation Service; Navy Department—R. F. Bessey, Bureau of Yards and Docks.

Mr. Kelley presented the outline of the investigation on Portland cement through the co-operation of the Bureau of Standards and the Portland Cement Association In brief the pro-Study of available literature on the constitution of cements and related topics; (2) Consideration of related problems which have a bearing on the manufacture of use of cement; (3) Outline of tests.

(a) Studies of pure compounds. Preparation of some of the important compounds in cements. These are to be prepared in small amounts, from pure, or relatively pure materials. They are to be subjected to following: (1)) Petrographic examination; (2) Chemical analysis; (3) Behavior on hydration; (4) Other chemical and physical studies.

The objects of this work are: To check results obtained by other investigators and thereby provide a starting point for further studies and to extend our knowledge of the physical and chemical behavior of these compounds.

(b) Studies of impurities. Repeat (a), except introduce some of the impurities present in commercial cement (such as Ng O, Fe 2 O 3, Na 2 O, etc.) and study the effect on the formation of the compounds and on their hydraulic properties.

(c) Manufacturing cements in experimental kiln. Similar to (b) except prepare the compounds in larger quantities in a small rotary kiln so that in addition to the petrographic and chemical studies, specimens may be made for tests of: (1) Soundness; (2) Mortar and concrete strengts; (3) Effect of destructive agencies—(Alkali, sea water, peat soils, etc.)

(d) Studies in existing cement plants. It is intended to take advantage of the possible wide variety of compositions and physical characteristics of raw materials existing in the industry to study the effect of these variations on the properties of the finished cement. The study of the finished cement would follow the lines indicated above for the purer compounds or laboratory prepared cements but would be extended to close observation of the conditions and methods used, as affecting the quality of the cement, existing in the plant, and to the larger and more detailed study of the resulting cements in various services.

(e) Hydration of cements, studies of catalysers, etc.

(f) Concrete-making value of cements. A study of the behavior of the special cements in concrete, following recent developments in other tests of this kind and applying standard methods to strength, resistance to weather and other destructive agencies.

The work outlined will be carried on jointly by the Portland Cement Association and the Bureau of Standards at the Bureau of Standards. It is contemplated that the Portland Cement Association will supply a staff of six engineers and chemists. This number will be augmented by a similar number from the Bureau. The entire equipment of the Bureau for this type of work will be available.

TRADE NOTES

Chas. Roberts and H. E. Bettinger have severed their connection with the Kawneer Manufacturing Company of Berkeley and are now associated with the Murnane Store Front Company of 1077 Mission street, San Francisco, handling Zouri Safety Key-Set. Mr. Roberts will handle the San Francisco territory while Mr. Bettinger will cover the East Bay district and points in the immediate vicinity.

Republic Supply Company of California has filed amended articles of incorporation showing that the name of the company has been changed from the Republic Supply Company, that the powers of the corporation to deal in real and personal property has been enlarged, that the directorate has been changed from five to six and that the capital stock had been increased to $1,000,000, divided into 1,000,000 shares each with a par value of $1.

H. Finnegan, a member of the firm of Herndon & Finnegan, general contractors of Sacramento, was a recent visitor on the floor of the San Francisco Builders' Exchange. Mr. Finnegan reports business "as humming" in the Capitol city and looks for a record breaking building year.

The Berkeley Steel Construction Co., is erecting a new foundry and machine shop plant at Second and Camillia streets, Berkeley. The company manufacturers steel tanks for the Pacific Coast trade. The source of the materials used in Pittsburgh and Baltimore. T. S. Neilson is president and general manager of the company.

Monterey Insulated Brick Company, capitalized at $300,000, has filed articles of incorporation at Salinas. Directors are: C. A. Ryan, L. F. Mickey of Monterey; W. V. Buckner and C. B. Lansdowne of Pacific Grove and J. W. Paramore of San Francisco.

William Smith Lumber Company of California, capitalized at $900,000, has been incorporated, with its place of business at San Francisco. Directors are: William Smith, M. R. Carey and Lydia Smith.

Becklin Wrench Co., 405 Crary Bldg., Seattle, capitalized at $100,000, will erect a plant in that city for the manufacture of Beklin pipe wrenches. The product is the invention of Oscar Bechlin, a Seattle man.

Miller & Warnecke, architects, have moved to new and larger quarters in the Alameda County Title Insurance Building, Oakland. They will continue to retain San Francisco offices in the Call Building.

Cobby & Owsley, general contractors, have moved their offices from the Call Bldg. to 260 Tehama street, San Francisco, where they recently completed offices, warehouse and yard quarters.

The Sun Portland Cement Company, formerly located in the Porter Bldg., has moved to larger quarters in the Wilcox Bldg., Portland, Ore.

Hoxie & Meech, designers and manufacturers of lighting fixtures, have moved to 4036 E-Fourteenth street, Oakland.

Slade Lumber Company of Nevada has filed articles of dissolution of corporation at Carson City.

Western Blind & Screen Co. has opened a branch office at 1425 Fifth Ave., Seattle.

Sharon Material Exhibit Opened

Formal opening of the Sharon Building Material Exhibit in the Sharon Building, 55 New Montgomery, was celebrated with a banquet and entertainment, Tuesday evening, May 6, with city officials, architects, contractors and exhibitors in attendance.

Frank O'Kane, manager of the exhibit, opened the festivities with a brief address and outlined the purpose of his display which is located on the ground floor of the Sharon Building. Mr. O'Kane pointed out the advantages offered in a display of building material products under one roof and urged the architects and contractors to request their clients to visit his exhibit where the owner might select materials or equipment that would prove suitable for his structure.

William Gray, of the Standard Gypsum Co., was then introduced by Mr. O'Kane as toastmaster of the evening. Gray opened the banquet with a Scotch prayer which was cause for considerable amusement.

Acting Mayor Ralph McLeran, introduced by Mr. Gray was the principal speaker of the evening. He strongly urged co-operation of the construction interests in the maintenance of a building material exhibit and complimented Mr. O'Kane and his associate Mr. F. K. Clifford, on the progress he had made up to the present time. Mr. McLeran also commented upon the progress of the city officials with regards to construction to be undertaken under the $12,000,000 school bond issue and the $2,000,000 relief home plant.

Architect Walter O'Brien of O'Brien Bros., Inc., and Architect William Mooser spoke on the advantages of an exhibit from the architects' point of view.

O. K. Brown of the Built-In-Fixture Company of Berkeley, one of the largest exhibitors in the Sharon Exhibit, spoke on the value of a material exhibit from the manufacturers' point of view. Mr. Brown urged the organization of an Exhibitors' Club which would tend to create better fellowship among the exhibitors and create a feeling of "one for all and all for one."

Entertainment was provided by S. J. Vogel with songs that please, accompanied by Ed. Michaels. The Sunbeam Furnace Quartette submitted several offerings which brought out rounds of applause. Scotty Butterworth, of Olympic Club fame, had the guests guessing for a considerable length of time, finally permitting them to come in on his secret. Bill Larue, who also hails from the Olympic and introduced by Bill Gray as the champion amateur heavyweight of the world, told snappy stories and closed with his patent medicine stunt which was well received.

Firms represented at the exhibit opening included: Argus Manufacturing Co.; Williamson Heater Co.; Jamestown Metal Products; Perfeclite Mfg. Co.; E. J. Wirfs Weather Strip Co.; Hough Shade Corporation; Peerless Built-in Fixture Co.; Standard Brass Casting Co.; A. Strach, Elec. Heating Engineer; Drake Lockout Co.; California Sugar White Pine Assn; Acme Fixture Display Co.; Gas Heating Co.; Chase Co's of Calif.; National Paper Products Co.; Builders Service & Supply Co.; California Brick Co.; Fox Furnace Co. (Sunbeam Furnace); Crane Co.; United States Rubber Co.; Columbia Steel Co.; Western Brass Mfg. Co.; Hauser Window Co.; United States Metal Products Co.; American Brass Co.; Gogle Hand Forged Tool Co.; Pacific Materials Co.; Forderer Cornice Works; Pacific Gas & Electric Co.; Billings & Spencer Co.; Pacific Rolled Metals Co.; Isko Pacific Co.; Sands Heater Co.; Marshall Newall Supply Co; Westinghouse Electric Co.; Estate Stove Co.; Fuller & Goepp; Alcazar Range & Heating Co.; Golden Gate Concrete Co.; Marion Electric Range; Cookson & Sullivan; California Magnacrete Shingle Co.; Joseph Johnson & G. M. Josselyn Co.; Schlueter Commercial Co.; W. Wesley Hicks; The Schlage Co.; H. H. Robertson Co; Home Laundry Machine Co.; Duane L. Bliss Co.;Duroxo Mfg. Co.; Daily Pacific Builder and many other invited guests.

Gas and Electric Companies Plan to Expend $84,853,986

Gas and electric utilities of California during 1924 will expend $84,853,986.09 on new construction work according to figures compiled by the Division of finance of the Railroad Commission.

The remarkable vitality and great scope of development of public utilities in California during 1924 is indicated by these figures, which are considered extremely significant of the prosperity of California by the Commissions' financial experts.

It is impossible to present figures thus early in the year covering construction expenditures of all public utilities under the jurisdiction of the Railroad Commission, but the showing by gas and electric companies is practically complete, and has been listed by the Finance Division of the Commission as follows:

Estimated 1924 Construction Expenditures

Great Western Power Company of California	$2,652,134.67
Los Angeles Gas and Electric Corporation	13,189,110.00
Pacific Gas and Electric Company	30,592,469.42
San Diego Consolidated Gas & Electric Company	2,615,000.00
Southern California Edison Company	26,288,000.00
Southern California Gas Company	3,200,000.00
Western States Gas and Electric Company	1,317,272.00
TOTAL	$79,853,986.09
All other gas and electric companies	$5,000,000.00
TOTAL	$84,853,986.09

Following is a summary of work proposed by the major gas and electric utilities during 1924:

Great Western Power Company of California—1924 Expenditures

Intangible	$32,530.63
Fixed Capital under construction	138,965.61
Production	792,580.12
Transmission	260,562.58
Distribution	1,420,267.25
General	7,228.48
TOTAL	$2,652,134.67

Los Angeles Gas and Electric Corporation—1924 Construction Budget

Gas works, including one 7-million cubic feet generator, one 1-million cubic feet per hour and two ½-million cubic feet per hour compressors, one 10-million cubic feet holder and including purchase of property and installation of foundation for another 10-million cubic feet holder for 1925, together with auxiliary equipment and building		$1,607,100
New electric plant at Seal Beach		2,200,000
Electric works, including one 17,500 K. W. turbo-generator and auxiliary equipment at Los Angeles		973,382
Gas distributing system		3,985,613
Electric distributing system		2,312,050
General office building		1,350,000
Miscellaneous		214,955
Overhead		545,500
TOTAL 1924 CONSTRUCTION		$13,189,110

Pacific Gas and Electric Company Construction Expenditures March-December 1924

Pacific Gas & Electric Co. Electric Department	$6,103,359.47	
Gas department	1,840,109.22	
Other departments	2,117,229.19	
TOTAL		$10,060,697.88
Mt. Shasta Power Corporation		11,149,315.84
TOTAL		$21,210,013.72
Routine construction expenditures about $380,000 per month, about		4,560,000.00
California Telephone and Light Company		59,803.01
Sierra and San Francisco Power Company		111,346.25
TOTAL		$25,941,162.98
Actual expenditures during January and February		
Pacific Gas & Electric Co.	$3,392,828.18	
Mt. Shasta Power Corp.	1,135,327.81	
Sierra & San Francisco Power Co.	97,782.41	
California Tel & Lt. Co.	25,368.04	
TOTAL		4,651,306.44
TOTAL, 1924		$30,592,469.42

San Diego Consolidated Gas and Electric Company 1924 Construction Budget

Gas Properties:		
Production	$688,900	
Distribution	663,200	
Total gas		$1,352,100
Electric Properties:		
Production	145,400	
Distribution	665,000	
Total electric		810,900
Steam Properties		12,000
General		440,000
TOTAL 1924		$2,615,000

Southern California Edison Company 1924 Construction Budget

Big Creek Construction:		
Power Houses No's '1' and '2'	$ 2,100,000	
Florence tunnel	6,179,000	
Huntington-Shaver tunnel	700,000	
Protection Huntington Lake dams	250,000	
Florence Lake	1,000,000	
Shaver site	159,000	
Engineering for future devel.	100,000	
Steam gauging	60,000	
Clearing Huntington Lake	2,000	
Completion of power house No. 3	60,000	
TOTAL	$10,610,000	
Less credits to amounts expended prior to 1924 and included in above items	872,000	
Total Big Creek Construction		$ 9,738,000
Steam Plants		3,000,000
Transmission 220 K. V.		2,550,000
Miscellaneous system betterments		11,000,000
Total 1924 construction		$26,288,000

Southern California Gas Company 1924 Construction Budget

Los Angeles gas works betterments consisting of boilers,, compressors and additions to water systems	$350,000
Colton gas works betterments	40,000
District offices and lands	120,000
Land for district offices	40,000
Trunk mains all districts	450,000
Warehouse in Los Angeles	200,000
Commercial mains, meters and services	1,500,000
Miscellaneous	500,700
Total 1924 Construction	$3,200,700

Western States Gas and Electric Company 1924 Construction Budget

Electric:		
Steam plants	$ 45,500	
Hydro plants	1,000	
Transmission system	50,015	
Distribution system	508,156	
Substations	137,488	
Street lighting	38,673	
TOTAL ELECTRIC		$780,832
Gas:		
Oil plants	209,236	
Natural gas plants	7,063	
Transmission system	22,318	
Distribution system	176,007	
TOTAL GAS		414,624
General:		
Transmission	17,614	
Office and buildings	5,693	
Office equipment	7,925	
Miscellaneous	5,584	
Central Natural Gas Company	85,000	
TOTAL GENERAL		121,816
TOTAL 1924		$1,317,272

PUBLICATIONS

The Built-In Fixture Co., 2608 San Pablo Ave., Berkeley, Calif., has issued a handy file folder for use of architects and builders which contains detailed data sheets to supplement information in the company's catalogue. The sheets give the architect and builder a working knowledge of Peerless Built-In furniture in such a way as ao enable them to plan a kitchen having in mind the exact working drawings of the product. The folder with its information is of invaluable use to architects and builders of homes and apartments. Copies will be furnished on request to the company.

aration, and Properties," is the title of Circular 151 of the Bureau of Standards, giving directions for preparation of a masonry wall to receive plaster, together with specifications for lath, directions for installing lath, and directions for the mixing and application of plaster. The circular was published following a three years' study of the plastering industry, during which many experts were consulted on different phases of the subject. Copies may be obtained for 15 cents each on application to the Superintendent of Documents, Government Printing Office, Washington, D. C.

The Gypsumist, publication of the United States Gypsum Company, contains an interesting description of Textone, a new paint for use with Sheetrock. It also contains an attractive announcement of the combination effected by the United States Gypsum Company with the J. E. King Company of Staten Island and Nova Scotia. Copies of the publication may be had from the U. S. Gypsum Company, 205 W. Monroe St., Chicago.

The J. G. Wilson Corporation, 11 E. Thirty-sixth street, New York City, has published a new catalog, No. 37, covering sectionfold and rolling partitions, and hygenic school wardrobes. The book presents, in convenient form, such descriptions and illustrations of Wilson equipment as will be informative and useful to the architect, the owner, the contractor, or the building committee.

The National Fireproofing Company, Fulton Bldg., Pittsburgh, Penn., has published a folder describing and illustrating the course taken by Will I. Build, a prospective home owner, from the day he becomes a prospect until he finally signs his name on the dotted line as I. Will Build.

The Portland Cement Association, 111 W. Washington street, Chicago, Illinois, is distributing a folder telling where more than 25,000 miles of concrete roads have been built and placed under traffic.

Westinghouse Electric and Manufacturing Company, East Pittsburgh, Penn., is distributing a 22-page booklet describing Westinghouse fabrics and papers used for insulating purposes.

United Cement Products Company, Research Department, Indianapolis, bulletin on sewage disposal which also contains indorsements of the septic tanks made by the United Cement Products Company.

The Hisey-Wolf Machine Company, Cincinnati, Ohio, has issued its new price list, No. 29, giving prices of the Hisey portable electric machine tools.

Building News Section

APARTMENTS

Figures To Be Taken Shortly
APTS. & STORE Cost, $17,000
SAN FRANCISCO, Bartlett Street.
Three-story and basement frame and stucco apartments (5 2 and 3-room apts. and stores).
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Plans Complete.
APARTMENTS Cost, $20,000
SAN FRANCISCO, N Geary 94-6 E 16th Avenue.
Three-story and basement frame (4) apartments.
Owner—Oscar Heyman & Brother, 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco.

Plans Complete.
APT. BLDG. Cost, $10,000
OAKLAND, W 40 Lot 44 Blk 2036 Map of Rowland Tract.
Two-story frame apt. bldg and 4 garages.
Owner—Geo. W. Pardee and Bertha E. Pardee, 588 27th, Oakland.
Contractor — H. W. McIntier, 1528 Franklin St., Oakland.

Plans Being Figured.
APT HOUSE Cost, $12,000
OAKLAND.
Two-story frame apt. house.
Owner—J. R. Higby, 445 Athol Ave., Oakland.
Architect—A. W. Smith, American Bk. Bldg., Oakland.

Plans Being Prepared.
APT. HOUSE Cost, $19,000
OAKLAND, SW Corner Erie & Prince Sts., Oakland.
Two-story frame and stucco apartment house.
Owner—J. Ferguson.
Architect—A. W. Smith, Amer. Bank Bldg., Oakland.

Plans Complete.
APARTMENTS Cost, $10,000
OAKLAND, N 31st St. 140 W Telegraph.
Two-story 12-room apartments.
Owner—Bertha E. Pardee, 1528 Franklin, Oakland.
Contractor — H. W. McIntier, 1528 Franklin, Oakland.

Plans Complete.
APARTMENTS Cost, $47,000
OAKLAND, N 15th St. 100 E Jackson.
Three-story 48-room brick apts.
Owner—W. I. Clarke.
Contractor — Sommarstrom Bros. Co., 1536 Franklin St., Oakland.

Plans Complete.
APARTMENTS Cost, $18,000
SAN FRANCISCO, SE Fair Oaks and 21st St.
Two-story and basement frame (7) apartments.
Owner—E. V. Lacey, 3485 21st St., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.

Plans Complete.
APT. BLDG. Cost, $55,500
SAN FRANCISCO, SW 16th Ave. and California.
Three-story and basement frame apartment building.
Owner—M. & Tillie Harris.
Contractor—Strand & Strand, 251 Kearny St., San Francisco.

Contract Awarded.
APT. BLDG. Cost, $28,986
SAN FRANCISCO, SE Balboa and 26th Avenue.
Two-story and basement apt. bldg.
Owner—John Jackens.
Architect—Quandt & Bros., Humboldt Bldg., San Francisco.
Contractor—Jacks & Irvine, 5426 Calif. St., San Francisco.

LOS ANGELES, Cal.—William Fleming Co., 1918 W 7th St., has completed plans and has the contract to erect an apartment bldg. at 23rd and Sentous Sts. for Martin & Began; it will contain 23 single apartments and lobby. Frame and plaster constr., 2-story and basement, tile and comp. rfg., hardwd. fls., tiled baths and drainbds., pine trim, wall beds, steam htg. sys., aut. water htrs., plate glass; $50,000.

LOS ANGELES, Cal. — S. T. Soros, 1605 N Hobart Blvd., will erect a 40-rm. 10-apt. bldg. on Hobart Blvd., s of Hollywood Blvd., for himself. Two-story, 57x82 ft., frame and plas. constr., comp. rfg., pine trim, oak and pine fls., wall beds, tiled baths, water htrs., gas rads; $40,000.

LOS ANGELES, Cal.—Willis Finance &Constr. Co., 1367 W 24th St., has the contract to erect a 60-rm!(30-apt. bldg. on Westlake Ave. near Ocean View Ave for Paul D. Robinson, 817 W 16th St. Three-story 50x143 ft., brick walls, press brick facing, comp. rfg. ,pine trim, oak and pine fls., wall beds, tiled baths, water htrs., gas rads.; $70,000.

LOS ANGELES, Cal.—M. L. Berger, 4025 Budlong Ave., will erect a 48-rm., 24-apartment bldg. on Santa Barbara Ave. near Figueroa St. for himself. Two-story, 55x153 ft., frame and plas. construction, comp. rfg., pine trim, oak and pine flrs., wall beds, tiled baths, water htrs., gas rads; $40,000.

BONDS

SANTA CRUZ, Santa Cruz Co., Cal.—Election will be held May 20 in Bald Mountain School District to vote bonds of $2700 to finance school improvements. Trustees of district are: L. A. Henneuse and Louis Reggiardo.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. **Fold-up-Dors,** Ti-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-slipping flooring. — Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET

Sutter 5907 San Francisco

CARMICHAEL, Sacramento Co., Cal.—Election will be held May 20 in Carmichael School District to vote bonds of $18,000 to finance erection of new school. Trustees of district are: J. F. Barrett, L. E. McDougal and R. L. Gibbons.

SACRAMENTO, Cal. — Election will be held May 23 in Pacific School District to vote bonds of $15,000 to finance purchase of site and erection of new school. Trustees of district are: Edwin Nicholas, Chas. W. Hack and Frank F. Hite.

WOODLAND, Yolo Co., Cal.—Election will be held May 24 in North Grafton School District to vote bonds of $10,000 to finance erection of a new school building. Trustees of district are: A. C. Hanks, L. K. Stetson and James T. Hiatt.

ANAHEIM, Orange Co., Cal. — The $200,000 school bond issue was defeated at the recent election.

REDONDO, L. A. Co., Cal. — The $275,000 school bond issue carried at the recent election. The funds will be used for purchasing sites, constructing and equipping bldgs., etc. Trustees are Henry C. Dusendschon, Ernest C. Heath and May B. Hopkins.

OROVILLE, Butte Co., Cal.—Trustees of Chico High School District contemplate construction of additions to present high school. Roy McCune is secretary of the district.

MADERA, Madera Co., Cal.—County supervisors sell $20,000 bond issue of Alamo School District for premium of $822; proceeds of sale to finance school improvements.

WOODLAND, Yolo Co., Cal. — Until June 2, bids will be rec. by county supervisors for purchase of $250,000 bond issue of Woodland High School District; proceeds to reconstruct high school recently destroyed by fire, plans for which are being completed by W. H. Weeks, architect, 369 Pine St., San Francisco.

STOCKTON, San Joaquin Co., Cal.—Supervisors sell $11,000 bond issue of Montezuma School District for premium of $82.80; proceeds will finance school improvements .

CHURCHES

SANTA MONICA, L. A. Co., Cal.—Archt. Albert C. Martin, 228 Higgins Bldg., has been commissioned to prepare plans for a new church to be erected at 8th St. and Wilshire Blvd., Santa Monica, for St. Monica's parish. Preliminary plans provide for a bldg. to seat 1000 people; brick construction, stone trim, slate rfg.; $150,000. A parish school and rectory will be erected later.

LOS ANGELES, Cal. — Milwaukee Bldg. Co., Wright-Callender Bldg., Los Angeles, has been commissioned to prepare plans for a large church bldg. to be erected on Orange St. near Burchett Ave. for the Firch Church of Christ, Scientist. It will have a seating capacity with auditorium and balcony of 1200 people. Sunday school rooms and assembly hall in basement, and willprobably be of brick constr., slate will probably be of brick constr., slate and cement fls., pine and hardwd trim; $175,000.

FRESNO, Fresno Co., Cal.—Jas. E. McCullough, 3115 Tulare Ave., Fresno, awarded contract to remodel old St. Paul's Methodist Church for children's Sunday school rooms and recreation quarters. The structure is located at L and Fresno Sts. No estimate of cost has been prepared.

SAN DIEGO, San Diego Co., Cal.—rchts. Tuttle & Tuttle, Oakland, have ompleted plans and work has been tarted on a 2-story Spanish style hurch bldg., 100x90 ft., at Grim and horn Sts., for Trinity M. E. church. he bldg. will be of tile and stucco onstr. and cost $35,000. The bldg. is eing erected by day labor.

PASADENA, L. A. Co., Cal.—Carleton I. Winslow, 921 Van Nuys Bldg., L. A., nd Frederick L. Kennedy, Jr., 25 E reen St., assoc. archts., have complet-l plans and are taking bids by invi-ation only for a church to be erected f Union and Garfield Sts. for the First aptist Church of Pasadena; it will ave an auditorium to seat 1500 people, unday school rooms and assembly hall ecreation center, organ loft, etc. Brick nd conc. constr., plaster exter., cast tone trim, clay tile and comp. rfg., ardwood and pine trim, gas unit htg. ys., water htr., art glass, marble and le, ornam. plaster, metal sash, steel ank, slate tresholds, struc, steel, hol-w tile partitions, pipe organ; $40,000

VAN NUYS, L. A. Co., Cal. — Local hristian church has secured $29,134.56 oward the proposed new $50,000 hurch bldg. which the congregation ill erect at the corner of Haynes and esper Sts. Tentative proposals re-arding the new bldg. will be placed the hands of some archt .shortly, nd it is planned to start work as soon s the funds are ready. Rev. S. M. ernard is pastor.

PORTLAND, Ore.—Archts. Houghtal-g & Dougan, Gearin Bldg., commis-oned to prepare plans for sanctuary f the Order of Servite Fathers, to be rected at Rocky Butte. Will comprise roup of 8 buildings, costing between 5,000,000 and $7,000,000. Main building ill cost $350,000, the seven smaller ructures costing from $150,000 to 250,000 each. Main structure will be 50 by 400 ft. with twin towers 300 ft. igh. Construction will be fireproof iroughout. Headquarters of the Order re in Chicago. Rev. A. M. Mayers is charge of the Portland section.

FACTORIES AND WAREHOUSES

egregated Figures Being Taken.
ACTORY Cost, $8000
AKLAND, 5th St.
ne-story brick factory.
wner—Carl Brasch, 1080 5th St., Oakland.
rchitect—A. W. Smith, American Bk. Bldg., Oakland.

ontract Awarded.
ACTORY Cost, $250,000
AN FRANCISCO, S 16th St., bet. Alabama and Florida.
hree-story class B factory.
wner—Lyons Calif. Glace Fruit Co., 535 Folsom St., San Francisco.
rchitect — Bakewell & Brown, 251 Kearny St., San Francisco.
ontractor — Geo. Wagner, 181 South Park St., San Francisco.

EL MONTE, L. A. Co., Cal.—The R. & I. Chemical Co. has broken ground for $125,000 plant in El Monte. Work n the bldg. will start at once.

JOOST BROTHERS
Builders' Hardware
Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

Plans Complete.
FACTORY Cost, $97,625
OAKLAND, Blk bdd 46th St., Linden St 45th St. and Adeline St.
Two-story reinforced concrete factory.
Owner—Aluminum Cooking Utensil Co.
Contractor—K. E. Parker Co.

HANFORD, Kings Co., Cal.—Engineers are making surveys for proposed packing plant to be erected in Porter St., on Santa Fe Railroad, for the Krismo Fruit Company. Early construction is contemplated.

EMERYVILLE, Alameda Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, is having plans prepared for a warehouse to be erected on a 12-acre tract in Emeryville. The structure will serve as a general storeroom and distributing station for the East Bay district. The estimated cost is placed at $500,000.

SEATTLE, Wash.—H. F. Alexander, president of Pacific Steamship Co., owning 30 acres of waterfront lands on Elliott Bay, Seattle, plans an expenditure of approx. $4,000,000 on the site. Concrete and steel structures will be erected to accommodate the largest steamers afloat. Early construction is contemplated.

TULARE, Tulare Co., Cal. — T. M. Amendwola & Co., Brawley, have completed arrangements for the construction of two green fruit packing houses in Tulare. Contracts will be let soon. One of these bldgs. will be erected on the Southern Pacific Ry. and one on the Santa Fe line. A. L. Erb is mgr. of the firm.

DELANO, Kern Co., Cal. — Delano Cotton Co. has been incorporated and plans early construction of a $25,000 cotton gin. The company will also construct a plant at Pixley. Directors of the company are: Frank E. Green, president; Rodney Turner, vice president; Harry De Venney and B. F. Stradley, all of Delano and Wm. Halleck of Los Angeles.

FRESNO, Fresno Co., Cal.—L. L. DeCosta, manager of Standard Embroidery Co., 909 St., Fresno, announces his company will erect a $20,000 plant (including equipment) at Collins and Mariposa streets.

SAN PEDRO, L. A. Co., Cal.—The Petroleum Export Corp., Pacific Elec. Bldg., Glen A. Smith, vice president, is having plans drawn by its engr. dept. and by terminal engrs. for six class A warehouses, to be erected at berths 216 and 217, Terminal Island, San Pedro. They will each be 6-story and will be of an average size of 100x300 ft., reinf. conc. constr., comp. rfg., steel sash ,elec. freight elevators, conc. fls., sprinkler system, wire glass, htg. system, conveying machinery, etc. As soon as plans are completed and arrangements can be completed with the harbor comm. work will be started by the owner by day labor and sub-contract, the corp. expects to expend about $3,000,000.

CLAWSON PATENT
CHIMNEY CO.
CLAWSON'S PATENT CHIMNEY is the Most Complete on the Market
CLAWSON'S FURNACE GRATE for Gas, Coal or Wood
CLAWSON'S HOODS and DAMPERS for Open Fireplaces
Experts in Curing Smoky Flues and in Ventilating
Terra Cotta and Galvanized Iron Chimney Tops Erected
Chimney Sweeping
149 GOUGH STREET
Phone Park 6092 San Francisco

LOS ANGELES, Cal.—V. P. Gilbert, 705 Citz. Nat. Bank Bldg., has the contract to erect a 1-story class C factory bldg. at 1939-45 Santa Fe Ave. for A. L. and H. G. Smith. One-story, 80x140 ft., brick walls, press. **brick facing, truss** rf., comp. rfg., steel lintels, cem. fls., plate glass.

BURBANK, L. A. Co., Cal.—P. M. Anderson, John and Henry Luttge and F. H. Stevens, are planning to establish a large creamery on the Luttge property on Victory Blvd., at Alameda St. as soon as the cattle plague abates. The bldgs. will be of concrete constr. and cost about $50,000. Anderson is president of the Cal. Certified Cattle Co., and the Luttges are already engaged in the dairy business.

LOS ANGELES, Cal.—Austin Co. of California, 737 Bartlett Bldg., has completed plans and has the contract to erect two factory bldgs. on 62nd St. near South Park Ave., for W. J. Austin Frame constr., 1-story, 60x140 ft., each brick front, conc. fls. and founds., galv. iron walls, comp. rfg., steel sash, wire glass.

VERNON, L. A. Co., Cal.—Austin Co. of California, 737 Bartlett Bldg., has completed plans and has the contract to erect a factory bldg. at Vernon, for the Baach Ross Tool Co. Frame constr., dimensions, 50x80 ft., corru. iron walls, comp. rfg., steel sash, firedoors, cem. fls., skylights.

LOS ANGELES, Cal.—Archt. John M. Cooper, 321 Marsh-Strong Bldg., is preparing plans for a truck storage and service plant, to be erected at Alameda St., Long Beach Ave. and 21st St., for the Mack International Motor Truck Corp. Dimensions, 200 by 950 ft., one section of the bldg. which will be 200 by 500 ft. will be of reinf. conc. constr., 2-story and the other section will be 1-story, 200x450 ft. of class C constr., brick walls, comp. rfg., cem. and maple fls., metal skylights, steel sash, wire and plate glass, ramps, gas htg. sys., sprinkler sys. in basement, overhead hoists; $600,000.

VISALIA, Tulare Co., Cal.—The Acme Ice Cream Co. has purchased lots 1 and 10 in the Hyde Tract, in the new industrial center, bet. East Main and East Acequia Sts. The company plans to erect a $20,000 brick ice cream factory bldg.

OXNARD, Ventura Co., Cal.—The Ord Ice Cream Co., Santa Barbara, is planning to erect a $100,000 ice plant in Oxnard to supply ice for lettuce packing. It is now necessary to bring in three carloads ice per day to supply the packing demand.

FLATS

Plans Complete.
FLATS Cost, $16,000
SAN FRANCISCO, S Union 87 E Leavenworth.
Three-story and basement frame (3) flats.
Owner—B. J. Bacigalupi 436 Greenwich St., San Francisco.
Architect—P. F. De Martini, 946 Broadway, San Francisco.

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3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Plans Complete.
CREAMERY Cost, $39,000
OAKLAND, 2751 San Pablo Ave.
Two-story brick creamery.
Owner—East Bay Milk Producers, 2941 Broadway, Oakland.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland.

Plans Complete.
FLATS Cost, $10,000
SAN FRANCISCO, S California 57-6 E-31st Ave.
Two-story and basement frame (2) flats.
Owner—John D. Stewart, 502 8th Ave., San Francisco.

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, S Bay 150 E Octavia.
Two-story & basement frame (2) flats.
Owner—Mrs. O. Pagano, San Anselmo.
Contractor—M. A. Perini, 879 Greenwich St., San Francisco.

Contract Awarded.
FLATS Cost, $20,000
SAN FRANCISCO, SE Fulton & Masonic Ave; S Fulton 27 & 105 E Masonic.
Two 1-story frame stores and two 1-story frame store and (2) flats).
Owner—Jacob Weissbein, Hobart Bldg. San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Contractor—C. F .Parker, 251 Kearny St., San Francisco.

Figures To Be Taken Shortly.
FLATS Cost, $12,000
SAN FRANCISCO, Clay St.
Two-story and basement frame and stucco flats (2 6-room flats).
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

GARAGES

Plans Complete.
GARAGE Cost, $14,000
OAKLAND, N Isabella St. 200 W San Pablo.
One-story brick garage.
Owner—B. C. & N. S. Allyn, Jr., 316 Lenox Ave., Oakland.
Contractor—B. C. Allyn Jr., 316 Lenox Ave., Oakland.

Contract Awarded.
GARAGE Cost, $15,717
RICHMOND, Contra Costa Co., Cal. SW 13th St. and Macdonald Ave.
One-story brick and frame garage building.
Owner—G. T. Traverso, 1529 Macdonald Ave., Richmond.
Lessee—Thos. Motor Car Co., (Ford agents).
Architect—Jas. T. Narbett, 910 Macdonald Ave., Richmond.
Contractor—Miner Co., 2232 Macdonald Ave., Richmond.

Plans Being Completed.
GARAGE Cost. $2,500,000
SAN FRANCISCO, 4th, Jessie & Stevenson Streets.
Ten-story and double basement class A garage 155x300 3 entrances)
Owner—F. P. Mozingo et al (California Garage Syndicate).
Architect — Joseph L. Stewart Claus Spreckels Bldg., San Francisco.
The upper floors will be reached by ram system. The Dhumy Ram Co. is interested in the syndicate.

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Contract Awarded.
PARTITIONS Cost, $27,450
SAN FRANCISCO, N O'Farrell 137-1½ E Leavenworth.
Concrete and tile partitions.
Owner—Mt Olivet Cemetery Assn., 988 Market St., San Francisco.
Architect—W. H. Crim Jr., and Hamilton Murdock, 425 Kearny St., San Francisco.
Contractor—H. L. Peterson, Lick Bldg. San Francisco.

Owner Taking Segregated Figures.
GARAGE Cost, $35,000
SAN FRANCISCO, N Page 110 E Gough
Two-story and basement concrete public garage.
Owner—A. Alpers and H. T. Grieb 1020 Greenwich, San Francisco.
Architect — O'Brien Bros., Inc., 315 Montgomery St., San Francisco.

Bids Being Taken.
BATTERY STATION Cost, $30,000
SACRAMENTO, Cal., I bet. 15th and 16th Sts.
One-story brick and steel auto battery station (Willard Battery Station)
Owner—Russell & Logan.
Architect—Hemmings & Starks, Ochsner Bldg., Sacramento.

LOS ANGELES, Cal.—Elmer Elliott, 612 E Elk St., has the contract to erect a garage and auto sales bldg. at Glendale for Harry E. White. Plans by A. Godfrey Bailey, 410 Junior Orpheum Bldg., Los Angeles. Brick walls; it will contain 5000 sq. ft. fl. space, plate glass comp. rfg., cement fls., wood roof trusses, ruffled brick facing, enam. brick trim, metal skylights.

OROVILLE, Butte Co., Cal. — Floyd Headrick, 309 6th St., Oroville, has contract to erect brick garage and auto salesroom building at Montgomery and Oak Sts.; will have frontage of 118 ft. in Oak St. and 50 ft. in Montgomery St. Will be leased to W. G. Pillsbury, local Durant and Star dealer.

VENICE, L. A. Co., Cal.—Dan Dillon, realtor, has started work on a 50-car garage and 3 stores on Lincoln Blvd., near Nowita. The bldg. will be of fireproof constr., stucco exter.; the stores will have a space of 5500 sq. ft. The garage has been leased to Jas. Smith, C .C. Hardee, and Earl Updike, all of Venice.

LOS ANGELES, Cal.—Archt. Harry L. Pierce, 603 Wright & Callender Bldg has completed plans for a 1-story class C auto sales and service bldg., to be erected on n.e. cor. Ave. 50 and Pasadena Ave., for Albertson Motor Co. One-story, 100x125 ft., brick walls, rug. brick front, art stone trim, comp. rfg., steel sash, cem. and wood fls., plate glass, selected bids will be taken soon.

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LOS ANGELES

Plans Complete.
SERVICE STATION Cost, $25,000
STOCKTON, 502 East Miner.
Service station and garage.
Owner—P. Marengo, 45 West Maple, Stockton.

GOVERNMENT WORK AND SUPPLIES

RENO, Nevada—Until May 23, 3 p. m. bids will be rec. by supervising architect, Treasury Department, Washington, D. C., to fur. and install new oil burning apparatus, storage tank, etc., in Reno Postoffice. Plans obtainable from Supervising Architect at Washington, and on file at Room 403 Postoffice Building, San Francisco and the Custodian's Office, Postoffice, at Reno, Nevada. **See call for bids under official proposal section in this issue.**

WASHINGTON, D. C.—The following bids were received on May 1st, by the Treasury Department, Office of the Supervising Architect, for the construction of a one-story frame building (approximately 42 ft. by 66 ft.) for Steerage Barracks at the U. S. Quarantine Station at San Francisco, Cal. (Angel Island):
Alfred H. Vogt, 185 Stevenson St., San Francisco $9865
Finn Anderson Co., 180 Jessie St., San Francisco 14,900

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, to fur. and del. materials to Navy Yards as follows: (date for opening bids as noted at close of each paragraph):
Sched. 2126, for Mare Island, 2,500 lbs. phosphor bronze, May 20.
Sched. 2127, various yards, miscellaneous showers and shower heads, May 20.
Sched. 2128, various yards, 59 valve resecating outfits, May 20.
Sched. 2129, for Mare Island, 10,000 gals. pine oil, May 20.
Sched. 2132, for eastern and western yards, miscellaneous pipe and fittings, May 20.
Sched. 2135, for eastern and western yards, miscellaneous hand and deck scrubbing brushes, May 20.
Sched. 2136, for eastern and western yards, miscellaneous steel wire brushes and brooms, May 20.
Sched. 2141, for eastern and western yards, miscellaneous flexible metallic hose, May 20.
Sched. 2159, for Mare Island, 24,000 sq. ft. magnesia block, May 20.

SAVAGE, Montana.—Following contracts awarded by U. S. Reclamation Bureau to const. new laterals and cleaning out old laterals at lower Yellowstone project:
Joe Hart, Savage Mont., schedule 2, 400 cu. yds. excavation, $72; 3, 800 cu. yds. do, $144.
Lewis Duel, Intake, Mont., schedule 1 2100 cu. yds. excavation, $294.
Wilkie C. Goar, Roy J. Eberhart, Fairview, Mont., schedule 4, 500 cu. yds excavation, $95; 5, 1000 cu. yds. do, $175
Dakey H. Dayton, Dore, N. Dak., schedule 6 ,800 cu. yds. excavation, $152 7, 900 cu. yds do, $171.

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SAN FRANCISCO—Surgeon General Hugh S. Cumming of the U. S. Public Health and Marine Hospital, has requested Congress to provide funds to finance construction of a new marine hospital in San Francisco.

SAN DIEGO, San Diego Co., Cal. — Liggett & Steizer, San Diego, have the contract to erect a 1-story fireproof bldg. at s.e. cor. 26th St. and Broadway for the U. S. postoffice, to be used as substation B. E. W. Dort, postmaster.

HALLS AND SOCIETY BUILDINGS

Figures Being Taken.
BUILDING Cost, $—
SAN FRANCISCO, N Parnassus Ave. W Willard St.
Two-story frame fraternity bldg.
Owner—Delta Sigma Delta Fraternity.
Architect—August Headman, Call Bldg. San Francisco.

Contract Awarded.
ALTERATIONS Cost, $10,500
BERKELEY, 2732 Channing
Alterations.
Owner — Gamma Phi Beta Hall, 2732 Channing, Berkeley.
Architect—Henry H. Gutterson, 2922 Garber St., Berkeley.
Contractor—E. Tranmal & C. O. Bradhoff, 183 Crescent, Oakland.

Contract Awarded.
BUILDING Cost, $112,150
SAN FRANCISCO, 7th and Howard Sts.
Three-story reinforced concrete "Blindcraft" building.
Owner—S. F. Association for the Blind (Misses H. E., I. M. Cowell and Mr. S. H. Cowell, donors).
Architect—H. H. Meyers, Kohl Bldg., San Francisco.
Contractors—Barrett & Hilp, 918 Harrison St., San Francisco.

GRANTS PASS, Ore. — Grants Pass Lodge No. 84, A. F. and A. M., has purchased site, 150 by 145 ft. in North 6th St., and will erect $50,000 lodge building.

LOS ANGELES, Cal.—Archt. John J. Frauenfelder, 1118 Story Bldg., is preparing preliminary plans for alimit-height class A club bldg. to be erected on Orange St., between Bixel and Loomis Sts. for the Ad Club of Los Angeles. The bldg. will be 60x180 ft. and will contain quarters for the Ad Club, and the remainder will be leased to printing and advertising firms and allied professions. The bldg will cost approximately $900,000.

DELANO, Kern Co., Cal.—The Merle Reed Post of the American Legion plans to start work this summer on a legion bldg. The site has been presented to the local organization by Mr. and Mrs. Harry Quinn, of Richgrove, parents of the national commander. Fillmore Duncan is at work on the plans and a contract will be let as soon as possible.

LOS ANGELES, Cal.—Jacobs Constr. Co., 738 H. W. Hellman Bldg., desires sub bids on all trades for a theater, office and dance hall bldg., to be erected in the southwest part of city; it will be 3-story brick walls, 100x150 ft.

LOS ANGELES, Calif. — Architects Schultze & Weaver, Pac. Mutual Bldg., are completing plans for the new class A store, office and club bldg. to be erected at n.w. cor. of 6th and Figueroa Sts. for the Jonathan Club. Bids will be taken shortly on guaranteed cost, fixed fee basis. The bldg. will be 195x165 ft. and will cost $2,500,000.

LONG BEACH, L. A. Co., Cal.—J. C. Fishback, 12 Cedar Way, Long Beach, has the contract to erect a $60,000 3-story and basement, brick store and lodge room bldg. at 1312 Elm Ave., Long Beach, for the Order of Moose. W. L. Goutermont, secy., 433 Pine Ave., Long Beach. Found., 50x100 ft., lodge and clubrms., secretary and steward offices and apts., 2 stores, terra cotta, marble and granite trim, heating system.

HOSPITALS

Plans Being Prepared.
ADDITION Cost, $11,000
STOCKTON, County hospital.
One-story brick addition to power plant at county hospital (corrugated roof).
Owner—County of San Joaquin.
Architect—Rolph P. Morrell, 41 S St., Stockton.

SAN FRANCISCO—Board of Public Works has requested supervisors to authorize the construction of the new relief home buildings for which bonds of $2,000,000 were recently voted. Plans have been completed by City Architect John Reid, Jr., First National Bank Building.

SAN FRANCISCO — Herman Hallensleben, 262 7th St., at $5400 awarded contract by Board of Public Works to reconstruct Ward R at the San Francisco hospital.

SAN FRANCISCO—Architect Henry H. Meyers, Kohl Building, San Francisco, has been commissioned by the Board of Public Works to prepare plans and specifications for the proposed tuberculosis sanitarium to be erected by the City and County of San Francisco in San Mateo county, near the Pulgas Tunnel. The ultimate expenditure in the construction of this project will run in the neighborhood of $500,000.

SAN FRANCISCO—Surgeon General Hugh S. Cumming of the U. S. Public Health and Marine Hospital has requested Congress to provide funds to finance construction of a new marine hospital in San Francisco.

GLENDALE, L. A. Co., Cal.—May & Hellman, 109 N Maryland Ave., Glendale, have contract at $38,200 for a 2-story clinic bldg. at s.w. cor. Broadway and Belmont Ave., Glendale, for the Harrower Laboratories, Inc. Arthur G. Lindley, Chas. R. Selkirk, assoc., 800 Amer. Bank Bldg., Los Angeles, archt. and des. Dimensions 35x133 ft., basement, brick walls, rug. brick facing, art stone trim, struc steel, galv. iron cornices, gas rads. and electric htg., hardwd. fls., hardwd. and pine fls.

SACRAMENTO, Calif.—Architect R. A. Herrold, Forum Bldg., preparing plans for new home to be erected on county hospital grounds for internes.

HOTELS

LOS ANGELES, L. A. Co., Cal.—O. C. Williams Construction Co., 412 Marsh-Strong Bldg., has the contract to erect a 60-room hotel bldg. on Miramar Ave. near Alvarado St. for Edwin Call. Three story, dimensions, 32x103 ft., frame and plas. construction, comp. rfg., pine trim, tiled baths, gas rods; $40,000.

LOS ANGELES, Cal.—Kenneth Macdonald, Jr., & Co., Brack-Shops Bldg., have been commissioned to prepare plans for a 12-story and basement class A store and hotel bldg. to be erected at the cor. of Hollywood and La Brea Blvds. and also fronting on El Sereno Ave. for a syndicate composed of Frank Case, Jesse L. Lasky, Douglas Fairbanks and Mary Pickford. There will be stores and shops in the first story and 300 rooms, each with private bath, in the upper stories. Steel frame constructino, terra cotta and press. brick facing, marble and tile work, elevators steam htg., hardwood trim, etc.; $1,500,000.

TORRANCE, L. A. Co., Cal—John Lee Long Beach, has the contract and has started work on a 2-story brick hotel bldg., 40x117 ft., to contain 40 rms. and large lobby, on Artisano St. near the Union Tool Co.'s plant, for Mrs. C. Payne of Long Beach. The bldg. will be fireproof throughout.

KETCHIKAN, Alaska. — Warrack Const. Co., 1428 N-34th St., Seattle, at approx. $500,000 awarded contract to erect 5-story 95x100 ft. fireproof hotel building for Chas. Ingersoll, to replace structure recently destroyed by fire. Will contain 120 rooms. Lawton and Moldenhour, architects, Alaska Bldg., Seattle.

REDDING, Shasta Co., Cal.—Joseph Aussem will construct a 50-room addition to his hotel building in California Street.

REDDING, Shasta Co., Cal.—O. Herlo owner of the Columbus House, will shortly commence construction of a two-story brick addition to the present structure in California St. House.

EUREKA, Humboldt Co., Cal. — Directors of the Eureka Inn contemplate a 57-room addition to the present structure. Preliminary plans have been prepared and means of financing have been completed.

ICE AND COLD STORAGE PLANTS

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, awarded cont. by Eureka Ice and Cold Storage Co., Eureka to construct wharf for new ice plant to contain approx. 50,640 sq. ft. Plant will have capacity of 15 tons of ice every 24-hrs.

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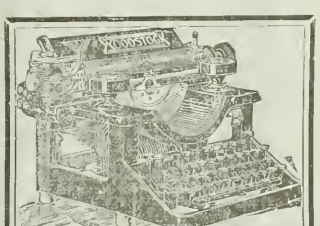

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Contract Let
ADDITION Cost, $75,000
FRESNO, Fresno Co, Cal., South Broadway.
Two-story steel and concrete addition for ice plant 84x215 ft.
Owner—People's Ice Corp, J. R. Irskine manager, 2035 South Broadway Fresno.
Architect—Not stated.
Contractor—Russell Hess, Fresno.
Addition will provide plans adding manufacturing capacity of 250 tons every 24 hours, making total capacity of plant 560 tons every 24 hours.

POWER PLANTS

MODESTO, Stanislaus Co., Cal.—L. D. Armstrong Co., Rialto Bldg., San Francisco, awarded contract by Modesto Irrigation District (on leasing contract) to furnish all machinery for steam stand-by plant, the construction of the plant to be done by the district which will purchase materials. Plant equipmentment, under the lease contract, will cost $38,000. It is proposed to have plant ready for operation Sept. 1. R. J. O'Connell is electrical eng. and H. A. Storrs, ch. eng. for dist.

TACOMA, Wash.—Allis-Chalmers Co. at $630,780 awarded cont. by city council to fur. and install electrical equipment for Lake Cushman power project. Blds of S. Freeman Smith and Pelton Water Wheel Co. are being held until Allis-Chalmers Co. executes contract and bond.

PORTLAND, Ore. — Westinghouse Mfg. Co., at $147,500 awarded contract by Port of Portland Commission to fur. and install electrical equipment for 30-in. Diesel-electric dredge Clackamas. Other bidders were: Allis-Chalmers and General Electric Co.

PRESCOTT, Ariz.—See "Reservoirs and Dams," this issue.

FRESNO, Fresno Co., Cal.—San Joaquin Light and Power Co. proposes to expend approx. $6,000,000 for improvements during 1924. Of this sum approximately three million dollars is for construction work and $2,500,000 for labor and materials. This expansion program includes extensions to serve new consumers, additional facilities to provide better service throughout the entire system, such as larger and heavier transmission lines where needed, more equipment at substations to handle the increased power load, enlarged gas plants and extensions of mains at Merced, Selma and Bakersfield, and distribution lines to place power at the call of new consumers. A. Emory Wishon, Fresno, gen. mgr.

SANTA ANA, Cal.—Southern Counties Gas Co. (J. C. Hayden, local mgr.), will expend about $204,826 on improvements in Orange county this year. The largest item is the laying of $49,000 ft. 8-in. c. i. transmission line from Santa Ana to Huntington Beach at a cost of $98,000; other work includes replacements necessitated by paving operations in Santa Ana, $50,000; replacements necessitated by paving operation of a 3-in. line on the Wintersburg road, $2625; improvements on the Carbon Canyon line, $576; replacement of 3500 ft. 3-in. main on West Ocean Ave., Garden Grove, $2625.

VENTURA, Cal.—Southern Counties Gas Co. is expending about $50,000 to enlarge Avenue plant. The present compressor of 150 lbs. capacity will be enlarged to 350 lbs.

MERCED, Merced Co., Cal. — See "Railroads," this issue.

LOS ANGELES, Cal.—Until 2 p. m., May 19, bids will be rec. by supervisors to install, maintain and furnish current for a street lighting system in the Sunnyside Lighting Dist. in accordance with spec. No. 580-A for 83 600 candle power center suspension light and spec. 580-B for 155 600 c. p. center suspension lights. Cert. check 10%. A. M. McPherron, deputy clerk.

PUBLIC BUILDINGS

Preliminary Plans Being Prepared.
POLICE STATION Cost, $100,000
SAN FRANCISCO, NW Corner Fourth and Santa Clara Sts.
Two-story reinforced concrete police station.
Owner—City of San Francisco.
Architect—Alfred I. Coffey, Humboldt Bank Bldg., San Francisco.

VERNON, L. A. Co., Cal.—Architect Richard D. King, 519 Van Nuys Bldg., L. A., has been commissioned to prepare plans for a city hall, fire house and jail bldg. on a 4-acre site on Santa Fe Ave. near Vernon for the city of Vernon. Brick walls, 2-story and basement, comp. rfg., press. brick exter., cement and hardwd. fls; it will have a 100 ft. frontage on Santa Fe Ave., Gas htg., pine and hardw. trim; $70,000.

LOS ANGELES, Cal. — Baker Iron Works, 912 N Broadway, submitted low bid to public service comm. May 2 at $54,518 for structural steel frame under spec. 712 (water deut.) Other bids were: W. B. Kyle, $54,600; Kansas City Structural Steel Co., $54,975; Virginia Bridge & Iron Co., $55,800; Union Iron Works, $56,343; McKay Engineering Co., $57,300; Minneapolis Steel and Machinery Co., $58,200; Philip Friedman & Sons, $58,336; Llewellyn Iron Works, $58,500; Stephen Smith Co. $59,368; Brombacher Iron Wks., $64,200.

SAN FRANCISCO — O. Monson, 15 Plato St., San Francisco, at $51,370, awarded contract by Boar dof Public Works for general construction of the fire engine house in Division St., bet. 10th and 11th Sts. Other contracts let include electric work to Crown Electric Co., at $2459; plumbing and heating to Henry Ernst and Sons, at $4,972.48.

To Mother tho' I'm far away,
My thoughts are wandering back today,
Back to my childhood's home and you,
My first, best friend, one always true.

NEXT SUNDAY is Mother's Day.
AND IF you are so fortunate.
AS TO have a mother.
SHOWER HER with attention.
REMEMBER SHE loves attention.
SHE LOVES you.
DON'T WAIT 'till she has gone.
THEN PLACE beautiful flowers.
ON HER casket.
GIVE HER flowers now.
LET HER enjoy them.
SHE CAN'T see them on the casket.
YES, I know.
SHE IS a little old fashioned.
IT IS a little inconvenient.
TO TAKE her next Sunday.
IN THE auto picnic party.
OR PERHAPS the ball game.
OR A game of golf.
IS MUCH more fun.
BUT DO you stop to think.
THAT SHE will not be here always.
YOU HAVE forgotten.
THAT WHEN you were a child.
SHE SACRIFICED day after day.
FOR YOU and your pleasure.
LET YOUR conscience.
BE ABLE to say.
WHEN SHE has passed on.
THAT YOU did your duty.
TOWARD YOUR best friend.
HAVE YOU planned on whom.
AND HOW you.
ARE TO be cared for.
WHEN YOU grow old.
YOU KNOW, if you never give.
YOU NEVER receive.
AND YOUR children will say.
PAPA AND Mamma didn't bother.
ABOUT GRANDMA.
WHEN SHE was here.
IF YOUR mother is away from you.
PHONE, WIRE, or write to her.
SEE THAT she hears from you.
ON MOTHER'S Day, Sunday nex.t
YOUR ATTENTION is better.
THAN RICHES or everything.
IN THIS whole world.
THESE ARE the sentiments.
OF CLARENCE Sand Pratt, President.
OF THE Pratt Building Material Co.
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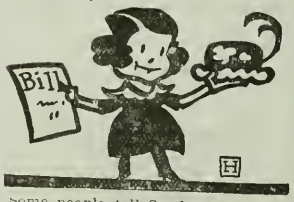
CRUSHED ROCK and gravel.
"- THANK you."



Some people tell Sandy Pratt, president of the Pratt Building Material Co., and producer of crushed rock, washed gravel, rock screenings and clean, sharp sand, that mothers spend money. Even if they do they are worth their weight in gold.

SAN FRANCISCO — Crown Electric ., 153 Eddy St., at $613,50 awarded ntract by Board of Public Works to stall inter-communicating phone sys- m in Municipal Auditorium.

STOCKTON, San Joaquin Co., Cal.— ds will be asked at once by the City uncil, to be opened probably June for the steel, general contract, umbing, heating and electrical work connection with the new municipal ditorium. Further mention will be ade of this work when bids are offi- ally asked.

RESIDENCES

ans Being Prepared.
OUNTRY HOUSE Cost, $12,000
OS ALTOS, Sta. Clara Co., Cal.
vo-story and basement frame and stucco country house.
vner & Contr.—W. C. Bennett, Los Altos.
rchitect — C. E. Gottschalk, Phelan Bldg., San Francisco.

ans Being Prepared.
ESIDENCE Cost, $8000
AKLAND, Thousand Oaks.
vo-story frame and stucco residence.
vner—Mrs. Mary Fowler.
rchitect — Miller & Warnecke, Alameda Co. Title Ins. Bldg., Oakland.

ntract Awarded.
ESIDENCE Cost, $15,500
N FRANCISCO, St. Francis Wood.
vo-story and basement frame and stucco residence with shingle roof (8 rooms, 3 bathrooms).
vner—Withheld.
rchitect—Chas. E. J. Rogers, Phelan Bldg., San Francisco.
ntractor—Chas. Pedersen, San Mateo

ntract Awarded.
ESIDENCE Cost, $14,900
EDMONT, Lafayette near Muir Ave.
vo-story plaster and cement residence, tile roof.
vner—H. A. Thornton.
rchitect—Sidney B. Newsom, 14 Montgomery St., San Francisco.
ntractor—F. C. Stolte, 3455 Laguna, Oakland.

ntract Awarded.
WELLING Cost, $12,000
N FRANCISCO, N Jackson 103-1½ W Lyon.
vo-story and basement frame dwelling.
vner—Stanley Powell, 3817 Jackson San Francisco.
rchitect—Erle J. Osborn, 821 Balboa Bldg., San Francisco.
ntractor—Elmer Carlson, 180 Jessie St., San Francisco.

ntract Awarded.
WELLINGS Cost, $18,000
N FRANCISCO, W Potrero Ave. 79 104 129 154 N 20th St.
our 2-story and basement frame dwellings.
vner—P. H. Lally, 1386 Utah St., San Francisco.
ntractor—C. Mitchell, 1384 Utah St., San Francisco.

gures To Be Taken Next Week.
ESIDENCE Cost, $13,000
N FRANCISCO, Hernandez St., Forest Hill.
ne-story 7-room frame and cement residence and garage.
vner—Withheld.
rchitect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Res. Phone Piedmont 482
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TREE SURGERY
EXPERT POWDER WORK
Trees Trimmed or Removed
Equipped with Stump Pullers and Power Saws
3212 Baker St., Berkeley, Calif.

Contract Awarded.
DWELLINGS Cost, $12,000
SAN FRANCISCO, W 20th Ave. 125 150 175 N Ortega.
Three 1-story and basement frame dwellings.
Owner—O. A. Lawrence, 853 Fell St., San Francisco.
Designer & Contractor—Geo. A. Seley, 281 27th Ave., San Francisco.

Contract Awarded.
DWELLINGS Cost, $12,000
SAN FRANCISCO, E 20th Ave 125 149-9 174-6 and 199-3 N Kirkham
Four 1-story & basement frame dwlgs.
Owner—A. B. Harrison, 1 Montgomery St., San Francisco.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $15,000
SACRAMENTO, 43rd and J Streets.
One-story and basement frame and brick veneer residence (7 rms, 2 baths).
Owner—George Lucich.
Architect—Frederick S. Harrison, Peoples Bank Bldg., Sacramento, Cal.

Plans Complete.
DWELLINGS Cost, $20,000
SAN FRANCISCO, E 9th Ave. 100 125 150 175 200 S Ortega.
Five 1-story and basement dwellings.
Owner—C. Mullen, 603 First National Bank Bldg., San Francisco.
Contractor — Meyer Bros., 603 First Natl. Bank Bldg., San Francisco.

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Most perfect writing instrument made.
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SANTA MONICA, L. A. Co., Cal. — Archt. Elmer Grey, 622 Bank of Italy Bldg., has completed plans and is taking bids for a large reinf. conc. residence to be erected in the mountains north of Santa Monica for a local client. It will contain 37 rms., including 15 bedrms., 12 baths, several diet kitchens, kitchen to serve betw 40 and 50 people, diningroom, ballroom, livingroom, library, consultation room, billiard room, offices, laundry, gardener's cottage, garage and chauffeur's quarters; reinf. conc. constr., 2-story and part 3-story and basement, plaster exter., clay tile and comp. rfg., hardwood fls. and trim, steam htg. sys. ornam. iron work, elec. lighting plant, refrigerating sys., tiled baths and kitchens, ornam. plaster.

LOS ANGELES, Cal.—Thos. C. Marlowe, 427 Security Bldg., will erect a 12-rm. residence at 235 S Muirfield Rd. for himself. Robert D. Farquhar, 427 Security Bldg., archt. Frame constr., cem. gun exter., plaster, clay tile rfg., hardwood and white enam. inter. finish, oak fls., tiled baths, unit gas htg., water htr., garage; $30,000.

Plans Complete.
DWELLING Cost, $10,500
SACRAMENTO, 2640 4th Ave.
Two-story 6-room dwelling and garage
Owner—J. C. Reid, 226 Forum Bldg., Sacramento.
Contractor—G. L. Eckman, 1625 18th, Sacramento.

SCHOOLS

Plans Being Prepared.
SCHOOL Cost, $50,000
RED BLUFF ,Tehama Co., Cal., Elm and Rio streets.
Three-story brick or concrete school, 100 by 82 ft.
Owner—Sisters of Mercy, Rev. Philip F. Brady in charge, Red Bluff, Cal.
Architect—Cole and Brouchard, Waterland-Breslauer Bldg., Chico.

Contract Awarded.
SCHOOL Cost, $80,962
SAN JOSE, Santa Clara Co., Cal., E Santa Clara Ave. and 9th St.
Two-story brick and frame class C parochial school building.
Owner — Roman Catholic Archbishop, (Father Richard Collins, Pastor of St. Patrick's Church)
Architect—Chas. J. I. Devlin, Pacific Bldg., San Francisco.
Contractor—Megna & Newall, 864 N 17th St., San Jose.

Contract Awarded.
FIXTURES, ETC. Cost, $—
LOS GATOS, Santa Clara Co., Cal.
Special fixtures, program clocks, kitchen and cafeteria equipment, electric fixtures and steel lockers for 2-story reinforced concrete high school.
Owner—Los Gatos Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Steel lockers awarded to G. H. Trask, 39 Natoma St., S. F., at $888.
All bids on cafeteria equipment rejected. Bids on furniture and fixtures electrical fixtures and glass, and program clocks under advisement.

Completing Plans—Bids To Be Called For In Two or Three Weeks.
SCHOOL Cost, $150,000
ALAMEDA, Alameda Co., Cal., Central Ave., bet. Mound and Court.
Two-story and basement brick school bldg. with stucco exterior and composition roof.
Owner—City of Alameda.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.
Segregated bids will be taken.

PACIFIC WAX-DYE CO.
Manufacturers of Specialties
Paints, Waxes, Dyes, Polishes
2886 16th St. San Francisco

Sub-Figures Being Taken.
SCHOOL Cost, $80,000
SAN FRANCISCO E Fair Oaks 125 S 24th.
Two-story class B concrete school.
Owner—Roman Catholic Archbishop of San Francisco 1100 Franklin St., San Francisco.
Architect—A. I. Coffey, 312 Humboldt Bank Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Bids are being taken on plumbing, heating and plastering.

Figures Being Taken.
RESIDENCE Cost, $15,000
BERKELEY, Claremont Court north side of Russell St.
Two-story frame and stucco residence with tile roof.
Owner—J. Sub Johnson, 2533-A Dwight Way, Berkeley.
Architect—W. H. Ratcliff Jr., Mercantile Trust Bldg., Berkeley.
Contract Awarded.

RESIDENCE Cost, $14,550
SAN FRANCISCO, Lot 24 Blk 2817 Forest Hill Court.
Frame residence.
Owner—Emma Schubert.
Architect—H. L. Bauman & Edw. Jose, 168 Sutter St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco.

Plans Being Prepared.
SCHOOL Cost, $21,000
FRESNO, Fresno Co., Cal.
Brick, frame and stucco school (main auditorium will seat 500 persons)
Owner—Figarden School District W. N. Bacon, clerk.
Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.

Figures Being Taken — Bids To Be Opened May 24, 1924.
SCHOOL Cost, $22,000
EAST NICHOLAUS, Sutter Co., near Marysville.
One-story concrete school bldg.
Owner—East Nicolaus Branch of Sutter High School District.
Architect—Dean & Dean, Calif. Life Bldg., Sacramento.

TACOMA, Wash.—Until May 14, bids will be rec. by School Board to erect two-story and basement, fireproof, 290 by 240 ft., Jas. T. Stewart school; est. cost $350,000. Bids wanted for (1) general contract; (2) plumbing; (3) heating (4) electric work. Roland Borhek, architect, Tacoma.

BAKERSFIELD, Kern Co., Cal. — Until 7:30 p. m., May 8, bids will be received by board of education for supplies for school year ending June 30, 1925. Spec. on file at the office of the board, rm. 3, city hall. Cert. check 10% W. F. Whitaker, secretary.

SAN FRANCISCO—Until May 14, 3 p. m., bids will be rec. by Board of Public Works for alterations and improvements to Yerba Buena School in Greenwich St., bet. Webster and Fillmore Sts. Est. cost $6000. Plans obtainable from Bureau of Architecture, 2nd floor, city hall.

INGLEWOOD, L. A. Co., Cal.—John A. Malloy, 1854 W 24th St., was awarded the general contract at $30,874 including $1200 for new floors, for adding a second story to Central grammar school bldg. at Inglewood. Norman F. Marsh, 211 Broadway Central Bldg., archt. The addition will contain 10 classrooms; frame and plas. construction, comp. rfg. The bids were: General contract—John A. Malloy, $29,674; W. M. Bell, $30,997; Jones Bros., $31,-937; H. A. Nichols $32,380; McFadden & Winkelman, $33,900; Schilling & Brown $34,689; Witt & Chute, $34,000; John Simpson & Co., $34,919; United Bldg. & Fin. Co., $35,850; E. C. Martin, $36,581; G. Hanson $.2,587. Heating—E. B. Harris, $681; Potter Radiator Corp., $1108. Painting—R. E. Swan, $1800; Parker-Judge Co., $1923; Arenz-Warren Co., $2021; Alhambra Wall Paper & Paint Co., $2489; Ray Myers, $2800; G. C. Hewitt, $3265. Newberg Electric Corp., submitted the only regular bid at $747 on electric wiring.

WATTS, L. A. Co., Cal.—Until 8 p. m., May 16, bids will be received by trustees of Watts city school dist., Watts, at the office of the dist. supt., for the construction of a 2-story frame, 8-room school house with office and closets, gas radiators; and one double frame toilet and cesspool. Plans & spec. may be obtained at the office of the dist. supt., 517 E Main St., upon deposit of $10. Cert. check 5%. F. H. Bowers, clk.

HAWTHORNE, L. A. Co, Cal—Until 8 p. m., May 26th, bids will be received by the board of trustees of the Hawthorne School Dist. for two 4-room grammar school bldgs., to be erected at Hawthorne. Plans by b. Earle Johnson, 130 S Grand Ave. Frame and plaster const., 1-story, 48x135 ft., comp. and sheet metal, tile rfg., conc., pine fls., metal lath, blackboards, etc.

WHITTIER, L. A. Co., Cal.—Until 8 p. m., May 12, bids will be received by A. C. Price, secy, board of education, 436 Markwell Bldg., Long Beach, for erecting an additional unit at the Whittier elementary school, Long Beach. Engr. Harvey H. Lochridge, Markwell Bldg., Long Beach and Geo. M. Lindsay, archt., assoc., 327 Laughlin Bldg., L. A. Sixteen classrooms, 450-seat auditorium, boys' and girls' playroom, kindergarten, recreation room, 40x40 ft., study room, 16x25 ft., locker and toilet rms., domestic science room, manual training room, nurses' room, lunchroom and kitchen, boiler room. Brick walls, tile and comp. rf., art stone trim; oak, cement and battleship linoleum fls., conc. stair and boiler rm., Universal or Simplex windows ,tile toilet walls, marble partitions, steam heat, pine and oak trim. Cost, bldg. and equipment, $230,000.

ALAMEDA, Alameda Co., Cal.—Until May 20, 7:30 p. m., bids will be rec. by C. J. DuFour Board of Education. for purchase of old Lincoln School building in Van Buren Ave., bet. Court and Mound Sts., includ lumber, plumbing fixtures, glass, window frames, furnace steam pipes, radiators and other materials therein. Further information obtainable from secretary.

Low Bidders.
SCHOOL Cost, $——
FOLSOM, Sacramento Co., Cal.
One-story brick high school building (7 classrooms and combination gymnasium and auditorium).
Owner — Folsom Union High School District.
Architect — Geo. Sellon & Co. Mitau Bldg., Sacramento.

Masonry
H. F. Holt, Cal. State Life Bldg., Sacramento $33,720
H. W. Robertson..... 35,549
F. H. Betz 36,600
Holdener Constr. Co..... 39,400
Chiract & Allen, Stockton..... 44,319
Davison & Nicolsen..... 46,300

Plastering
Thos. Scollan, 2919 T St., Sacto..$6428
H. W. Robertson..... 6900

Painting
D. E. Burgess, 601 S-California St., Stockton.....$2193
Conrad Schneider 2394
R. Golinsky 3404

Electrical Work
Electrical Supply Co., 814 J St., Sacramento $5300

Plumbing, Heating and Ventilating
Latourrette-Fical Co., 907 Front St., Sacramento $16,500

Sheet Metal Work
Frank Z. Ahl, 1615 21st St., Sacramento $1698
Sinclair & Bessey..... 1758

Roofing
Allyn Burr Co., 11th and RR Sts., Sacramento $4315
Larson Roofing Co..... 5335

Plumbing
Luppen & Hawley, 906 7th St., Sacramento $7100

Heating
Geo. A. Schuster, 1035 Elsinore St., Oakland.....$5178

LONG BEACH, L. A. Co., Cal.—Until 8p. m., May 12, bids will be received by A. C. Price, Secy, board of education, rm. 436 Markwell Bldg., Long Beach, for erecting an additional unit at the Roosevelt grammar school, Long Beach. W. Horace Austin, 521 Pacific Southwest Bldg., Long Beach, and J. C. Austin, Detwiler Bldg., L. A., assoc. archts. Cost, including land and equipment, $175,000 .Six classrms., brick construction, conc. found., corridor fls. and stairs, comp. rf. hardwd. classrm. floors.

SIGNAL HILL, L. A. Co., Cal. — Archt. W. Horace Austin, 521 Pacific Southwest Bldg., Long Beach, has prepared plans for a $120,000, 2-story brick boys' correctional institution bldg. to be erected at 4505 Stearns St. on lands of the city water dept. near Signal Hill, Long Beach. The city mgr. water dept., and city welfafe dept. are collaborating on constr. Found., 160x52 ft., common brick walls, comp. rf., 10 rms., including dormitories classrooms, dining hall, kitchen, bath and toilet stalls ,cem. and wood fls.

POMONA, L. A. Co., Cal.—William H. Weeks, 369 Pine St., San Francisco, and Robert Orr, 1305 Corp. Bldg., assoc. archts., are preparing plans for a gymnasium bldg. and a shop bldg., to be erected at Pomona, for the Pomona High School Dist. Brick walls, 1-story, cem. and maple fls., metal skylights, wood roof trusses; $125,000.

R. W. MOLLER

General Contractor

Office 630, 632 Call Bldg. Phone Sutter 5228

Now building the College of Pacific at Stockton

COMPTON, L. A. Co., Cal.—Until 12 noon, May 30th, bids will be received by the Board of Trustees of the Compton Grammar School District for 2 grammar school bldgs. to be erected at Compton; the Tamarind St. school will have 6 rms. with domestic science and manual arts departments, and the Orange street school will contain 12 rms. Brick walls, 1-story and basement, plaster exter., tile and comp. rfg, p. p. fls., gas htg, cement toilets, blackboards. Frank Goodwin, 207 Main St., Compton, archt.

LOS ANGELES, Cal.—Archt. Chas. M. Hutchison, Central Bldg., has been commissioned to prepare plans for an 8-unit bldg. to be erected at Mission Acres school site. It will be of brick construction and will cost $64,000.

CORNING, Tehama Co., Cal. — The following bids were opened on May 3, 1924 by W. C. Smith, clerk of the Board of Trustees of the Corning Union High School District, for the construction of a one-story frame gymnasium building and for remodeling the present school building. Woollett and Lamb, Mull Bldg Sacramento ,are the architects.

General Contract

A. J. Symonds, Corning.....$16,914
C. N. Bostrom, Orland..... 17,498
MacKenzie & Pollard, including all work 32,800

Electrical Work

Sherman Electric Co., Corning....$1244
C. N. Bostrom 1274
Wheeler & Greiner 1274

Plumbing

Wheeler & Greiner, Corning.....$1869
C. N. Bostrom 1900
Sherman Elec. Co..... 1934

Electrical & Plumbing

Latourrette-Fical Co., 907 Front St., Sacramento $3328

All bids were taken under advisement.

SAN FRANCISCO—Michel and Pfefer Iron Works, 1415 Harrison St., San Francisco, at $933.90 awarded cont. by Board of Public Works to erect wire fencing and miscellaneous iron work at Washington Irving Grammar School in Broadway bet. Montgomery and Sansome streets.

WATSONVILLE, Santa Cruz Co., Cal.—Bids will be asked shortly by T. S. MacQuiddy, secy. Watsonville School District, to fur. and install lavatories in Lake Avenue grammar school. Plans for the work were prepared by Architects Wyckoff and White, Growers Bank Bldg., San Jose.

SAN RAFAEL, Marin Co., Cal.—Until May 15, 8 p. m. bids will be rec. by Oliver R. Hartzzell, sect'y., Board of Education, to excavate and grade side for proposed new high school. Cert. check 10% payable to sect'y. with each bid. Spec. obtainable from sect'y.

SANTA MONICA, L. A. Co., Cal. — Archt. Francis D. Rutherford, 205 Hills-Fraser Bldg., Santa Monica, has been commissioned by the board of education to prepare plans for a 24-rm. school bldg. to be erected on a 5-acre site at 24th St. and Montana Ave., purchased about 18 months ago.

LOS ANGELES, Cal.—The board of education rejected the bids for erecting a new bldg. at Micheltorena school site Archt. H. H. Whiteley will revise the plans and new bids will be taken.

LOS ANGELES, Cal.—Until 8 p. m., May 17th, bids will be received by the board of trustees of the Montebello High School District, for a gymnasium and shop bldg. to be erected at the high school site, Montebello. Bids will be received separately on the following contracts: (1) general, (2) plumbing and gasfitting, (3) elec. wiring, (4) heating, gas radiators, (5) painting. Brick walls, 1-story, 106x103 ft., press. brick facing, terra cotta trim, maple and cem. fls., comp. rfg., saw-tooth skylights, steel sash, wood roof trusses, gas rads.; $35,000. Jeffery & Schaeer, 1106 Kerckhoff Bldg., archts.

MERCED FALLS, Merced Co., Cal.—Yosemite Lumber Co. is building 14 new houses near the Merced river, south of the Merced road. The work is being done by C. R. Thompson of Merced.

SAN FRANCISCO—Until May 19, 3 P. M., bids will be rec. by Leonard S. Leavy, city purchasing agent, to install shop equipment. Further information on request.

OAKLAND, Cal.—Until May 12, 4:30 P. M. bids will be rec. by John W. Edgemond, secty., Board of Education, 1104 City Hall, to fur. lumber under Schedule No. 9, and under Schedule No. 5, to move and erect portable school buildings, and under Schedule No. 7, fur. fencing for school grounds. Further information on request.

WATSONVILLE, Santa Cruz Co., Cal.—The following bids were received by T. S. MacQuaddy, secretary of the Board of Trustees of the Watsonville School District ,on May 1, 1924, for the construction of a one-story reinforced concrete shop building. Plans were prepared by Architects Wyckoff and White, Growers Bank Building, San Jose.

E. Nommensen, 101 S 16th St., San Jose
Proposition (1) $8,469.40; (2) $8,469.40; (3) $10,639.40.
Pacific Concrete Mosaic Works, 32 Shotwell. (1) $11,569; (2) $12,959; (3) $12,204.
Harry Andrews, (1) $14,900; (2) $14,751 (3) $16,942.
West Coast Construction Co., (1) $9,608; (2) add $198; (3) add $1,002.
E. Nommensen was awarded the contract on proposition No. 1.
(43656) 1st report Sept. 23, 1923; 5th April 18, 1924.

BANKS, STORES & OFFICES

Segregated Figures To Be Taken in About Six Weeks.
STORE & OFFICE Cost, $350,000
SAN JOSE, 1st and San Carlos Sts.
Five-story reinforced concrete store & office bldg.
Owner—Sainte Claire Realty Co.
Architect — Weeks & Day, 315 Montgomery St., San Francisco.
Contractors—Cahill Bros., Sharon Bldg. San Francisco.

Contract To Be Awarded Shortly.
BANK BLDG. Cost, $20,000
MARTINEZ, Contra Costa Co., Calif., Main St.
One-story reinforced concrete bank building.
Owner—The National Bank of Martinez Martinez, Cal.
Architect—A. A. Cantin, 727 Foxcroft Bldg., San Francisco.

Figures To Be Taken Next Week.
STORE BLDG. Cost, $15,000
SACRAMENTO, Cal., 3rd Ave. and Oak Park.
One-story concrete and brick store building.
Owner—Lewis Estate Co.
Lessee—Skaggs Grocery.
Architect—Hemmings & Starks, Ochsner Bldg., Sacramento.

Plans Being Prepared.
STORES & APTS. Cost, $250,000
SACRAMENTO, I St., bet. 11th and 12th Streets.
Five-story and basement reinforced concrete (10) stores and 100 2-rm. apartments 120x140 ft.
Owner—
Architect—Hemmings and Stark, Sacramento.
Structure will be financed by San Francisco Capital represented by John Clecak, Sacramento, Cal.

Contract Awarded.
STORE Cost, $25,000
MARTINEZ, Smith Street.
One-story inter-locking tile store.
Owner—Mrs. L. Norton.
Architect — Henry Shermund, Hearst Bldg., San Francisco.
Contractor—Paul Jones.

Plans Being Prepared.
ALTERATIONS ETC. Cost, $25,000
SAN FRANCISCO, NE Corner Post and Kearny.
Alterations, repairs and interior decorations to bldg.
Owner—Dr. T. E. Schumate, 86 Post St. San Francisco.
Architect — C. E. Gottschalk, Phelan Bldg., San Francisco.
Lessee—Paul T. Carroll.

Plans Being Figured.
FIXTURE WORK Cost, $20,000
LOS ANGELES, South Broadway.
Interior store fixture work.
Owner—Hanan Shoe Store, 737 South Broadway, Los Angeles.
Architect — C. E. Gottschalk, Phelan Bldg., San Francisco.

Sub-Contracts Awarded.
OFFICE BLDG. Cost, $1,250,000
SAN FRANCISCO, NE Post and Mason Streets.
Fifteen-story class A Physicians and Dentists Office Bldg.
Owner—Medico-Dental Building Cptn.
Architect—Geo. Wm. Kelham, Sharon Bldg., San Francisco.
Engineer—H. J. Brunnier, Sharon Bldg San Francisco.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco.
Elevators awarded to Otis Elevator Co. 2300 Stockton St., San Francisco.
Ornamental terra cotta and roofing to Gladding McBean & Co., Crocker Bldg., San Francisco.
As previously reported, The Moore Dry Dock Co., Balboa Bldg., was awarded the steel contract.

Contract Awarded.
STORE Cost, $12,000
SAN FRANCISCO, Mission St. S of 26th
One-story reinforced concrete store building.
Owner—Myron Frank.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—Louis J. Cohn, 110 Sutter St., San Francisco.

Bids Opened.
OFFICE BLDG. Cost, $400,000
SAN JOSE, N 1st St., adjoining Bank of San Jose Bldg.
Ten-story class A steel and concrete office building.
Owner—Commercial Club.
Architect—Binder & Curtis, 255½ 1st St., San Jose.
Figures are being taken as follows:
General contract.
Heating.
Plumbing.
Elevators.
Steel frame.

General Contract

R. W. Littlefield, 357 12th St., Oakland $191,100
Larsen & Siegrist 199,777
Parker & Co. 203,600
R. O. Summers 204,854
Morrison Bros. 210,634
Jorgenson & Thomy 210,989
E. Nommensen 212,797
Barrett & Hilp 217,900
Sherman 237,372

Steel—Schrader Iron Works, 1247 Harrison St., S. F., $36,936.
Heating — J. E. O'Mara, Co., Clara St., S. F., $10,865.
Plumbing—J. E. O'Mara Co., $12,300.
Terra Cotta—N. Clark & Son, 116 Natoma St., S. F., $15,650.
All bids were taken under advisement until May 6, 1924.

Plans Being Prepared.
STORE & OFFICE Cost, $20,000
SAN FRANCISCO, Mission St. South of 21st St.
Two-story brick store and office bldg.
Owner—M. Spiro.
Architect—S. Heiman, 57 Post St., San Francisco.

Plans Being Prepared.
STORE, ETC. Cost, $90,000
SAN RAFAEL.
Two-story steel and brick store and office and lodge building.
Owner—San Rafael Masonic Hall Association.
Architect—S. Heiman, 57 Post St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $15,000
SAN RAFAEL
Alterations to store and office bldg.
Owner—Cheda Estate.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—Mallsbury & Murray, San Rafael.

Contract Awarded.
STORES Cost, $10,000
OAKLAND, N Foothill Blvd. 316 W Seminary Ave.
One-story brick stores.
Owner—C. H. Fenton.
Contractor—Fred W. Peters 184 Ridgeway Ave., Oakland.

Plans Being Completed.
BANK BLDG. Cost, $10,000
YUBA CITY, Sutter Co., Cal.
One-story class C bank bldg.
Owner—Producers Bank, Yuba City.
Architect—Dean & Dean, Calif. Life Bldg., Sacramento.

Plans Complete—Figures To Be Taken Shortly.
STORE BLDG. Cost, $200,000
SACRAMENTO, Cal., "J" St. bet. 11th and 12th Sts.
Three-story and basement reinforced concrete department store bldg. with terra cotta exterior.
Owner—Chas. P. Nathan & Sons Co., 800 L St., Sacramento.
Architect—Hemmings & Starks, Ochsner Bldg., Sacramento.

LOS ANGELES, Cal.—The following sub-contracts have been awarded for a top addition and for the remodeling of a store bldg. at 519 S Broadway, for Maxime's Millinery. Ventilating, Simmons & McInturff, 973 W 43rd St.; plumbing, Lohman Bros., 232 S Spring St; sprinkler sys., California Automatic Fire Sprinkler Co., 208 Commercial St.; sheet metal, National Cornice Works, 1327 Channing St; marble and tile, Los Angeles Marble & Tile Co., 119 E 15th St; metal toilet partitions, J. E. Dwan, 616 S Utah St.; hollow metal windows and steel sash and glazing steel sash, Waterhouse-Wilcox Pacific Co., 321 E 4th St.; vacuum cleaning equipment, Frederick De Zemplen, rm. 8, Kerckhoff Bldg. Richards-Newstadt Co., 804 Trust and Savings Bank Bldg., has the general contract. Chas. F. Plummer, 1108 Story Bldg., architect.

LA HABRA, Orange Co., Cal.—Archt. Rudolph Meier, 526 Title Ins. Bldg., L. A., is preparing plans for a 2-sto bank bldg. to be erected at La Habra, for the First National Bank of La Habra. Two-story, 40x90 ft., brick and terra cotta constr., comp. rfg., marble fls., marble trim, gas rads., struc. steel, ornam. iron plate glass; $45,000.

PHOENIX, Maricopa Co., Ariz. — Archt. Edward L. Mayberry, 472 Pacific Elec. Bldg., has completed plans for a 2-story top addition to 4-story office bldg. to be erected at cor. Washington and Central Sts., Phoenix ,Ariz., for Roy S. Goodrich. Reinf. Conc. Constr., hollow tile curtain walls, press. brick facing, comp. rfg., 2 new elec. elevators, plate glass, extension to present steam htg. sys., hollow tile partitions, ornam. iron work. Owner is taking bids.

SAN DIEGO, San Diego Co., Cal. — Archt. Louis J. Gill, 221 Owl Bldg., has completed plans for a 2-story Spanish style brick and tile bldg., 112x125 ft., to be erected at 37th St. and Adams Ave. for B. J. Carterl. Cost, $50,000. It will contain four stores and an auditorium, 75x125 ft., for public purposes. The bldg. will have an ornam. front with tile rf. Construction will be done by the owner.

SANTA MONICA, L. A. Co., Cal.—N. S. Gandy, 1411 3rd St., Santa Monica, representing a syndicate of which he is a member, has had plans prepared and will erert a store and hotel blng. at cor. Broadway and 3rd St., Santa Monica, for themselves. It will contain 40 rms. with 100 per cent baths on second fl, with 8 stores on first, and will be of brick constr., 2-story, 150x150 ft., comp. rfg., press. brick facing, cement, pine and hardw. fls., comp. baths, pine trim, wall beds, storage water htr., gas steam rads., tile store entrances; $80,000. Owner will erect by day labor and sub-contract .

GLENDALE, L. A. Co., Cal.—Archt. A. F. Leicht, 462 N Vermont Ave., has completed plans for a store, market and cafe bldg. to be erected at junction of Canada Blvd. and Arlington Ave., Sparr Hts., North Glendale ,for H. S. Barnum and M. Walters; there will be a large market and several stores on first fl. with cafe on second. Frame constr., 2-story, irregular shape about 113x109 ft., plaster exter., tile and comp. rfg., cement, pine and hardw. fls., gas unit htg. sys., water htr., pine trim, plate glass, kitchen, etc. Owner will build by day labpr and sub-contract.

LOS ANGELES, Cal.—L. T. Mayo, 531 Black Bldg., has the contract to erect a 2-story brick store and business college bldg. at n.w. cor. of Figueroa St. and Potter Park Pl. for C. H. McWilliams. Dodd & Richards, 905 Brack-Shops Bldg., archts. Dimensions, 153 by 166 ft., brick walls, press. brick and terra cotta facing, plate glass, steel beams, comp. rfg., pine trim; $100,000.

LYNWOOD, L. A. Co., Cal.—Archt. Rudolph Meier, 526 Title Ins. Bldg., is preparing plans for a 2-story bank bldg. to be erected at Lynwood, for the Farmers & Merchants National Bank. Two-story, 38x85 ft., brick and terra cotta constr., comp. rfg., struc. steel, marble fls., gas rads., marble trim, ornam. iron, plate glass.

LOS ANGELES, Cal.—Archt. Edward Cray Taylor and Ellis Wing Taylor, engr., 713 W 8th St., have completed plans and are taking bids by invitation only for a class A store, office and loft bldg., to be erected at 139 N Broadway, for Chas. Pico and M. Lombardi; it will have 2 stores, lobby and barber shop on first fl. with offices and lofts above. Reinf. conc. constr., 12-sto. and basement, 45x100 ft., comp. rfg., press. brick and terra cotta facing, plate glass, 2 elec. elevators, steel sash, tile toilets, steam htg. system, sidewalk lift, pine and hardwood trim.

THEATRES

Plans Being Prepared.
ALTERATIONS Cost, $—
CHICO, Butte Co., Cal.
Remodel interior of theatre; new seating will be installed; balcony will be strengthened to permit removal of balcony supports; painting and decorating.
Owner—National Theatres Syndicate, L. R. Crooks, president (Majestic Theatre).

Bids Under Advisement.
STORE & THEATER Cost, $—
OAK PARK, Sacramento Co., Cal.
Class A store and theatre.
Owner—M. Blumenthal, et al.
Architect—Hemmings and Stark, Ochsner Bldg., Sacramento.
Following is complete list of bids received:

Herndon & Finnegan, 1814 17th St., Sacramento	$141,584
W. Murcell	141,770
Holdener Const. Co.	154,071
Campbell Const. Co.	162,500
C. S. Mabrey	163,800
F. H. Betz	166,400

ORANGE, Orange Co., Cal.—Harry J. Simons, 313 S Rampart Blvd., L. A., has completed plans for a class C theater bldg., to be erected at corner Glassell St. and Maple Ave., Orange, for Harry Z. Adams, Orange; it will have a seating capacity of 1300 with main fl. and balcony, lobby, foyer, and there will also be 2 stores. Brick walls, press. brick facing, 60x142 ft., art. stone trim, tile and comp rfg., gas htg. sys., vtg. sys., plate glass, skylights, tile and marble work, ornam. iron; $125,000. The theater has been leased to the West Coast Theaters, Inc., Knickerbocker Bldg., who will install a $15,000 pipe organ and spend about $30,000 on interior decorating. The bldg will be erected by the owner.

LYNWOOD, Los Angeles Co., Cal.—Architect W. E. Noffke, 942 S. Broadway, has completed plans for a theatre, store and lodge building to be erected at the corner of Long Beach Ave. and Elizabeth St., Lynwood, for E. R. Pillet; the theatre will seat about 1000 people, and there will be 4 stores, lodge room with kitchen, restrooms, etc. Brick walls, concrete floor construction, 2-story and basement, tile and composition roofing, 100x115 feet, terra cotta trim, structural steel, steel sash, steel roof trusses, tile, maple and concrete floors, metal skylights, sprinkler system on stage, terrazzo floors, ornamental iron, organ grille, fan ventilating system, plate glass and pine trim.

WHARVES & DOCKS

ORANGE, Cal. — City trustees will readvertise for bids for the $40,000 municipal water bond issue. No bids were received May 1. Cal D. Lester, city clerk.

MISCELLANEOUS BUILDING CONSTRUCTION

SHASTA COUNTY, Calif.—Until June 2, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to paint three bridges in Shasta county, over Olney creek, Clear creek and China Gulch. **See call for bids under official proposal section in this issue.**

SAN DIEGO, Cal.—Wurster Construction Co., 253 Wholesale Terminal Bldg., has been awarded a contract for all work complete for a new bath house to be erected at Mission Beach, San Diego, for the Mission Beach Co. A Lincoln Rogers, San Diego, archt. Frame and stucco construction, 350x175 ft., steel frame and roof trusses over the plunge, comp. rfg., concrete and tile plunge; $400,000.

GLENDALE, L. A. Co., Cal.—Geo. F. Harris, 1747 N Van Ness Ave., Los Angeles, has submitted sketches to the Glendale city planning commission for a group of stores, apartment houses and courts which he contemplates having erected on Columbus Ave. near Doran St., Glendale, if this contract can be declared a commercial district; a public hearing on changing the district from residential to commercial zone will be held May 2nd.

SAN DIEGO, San Diego Co., Cal.— A group of San Diego capitalists are planning to establish a resort at Sweetwater springs overlooking Sweetwater lake, where a 1000-acre tract has been secured 6.5 mi. from La Mesa, and 1.5 mi. from the Imperial Valley highway. The waters of these springs are reported to be of high medicinal value. The information was given out by John H. N. Adams of the San Diego chamber of commerce.

LONG BEACH, L. A. Co., Cal.—E. J. Wightman, pres. Marine Trust & Savings Bank, Long Beach, has a 50-year lease on a site at 712 American Ave., Long Beach, requiring the erection of a $100,000 bldg. within 5 years.

LONG BEACH, L. A. Co., Cal. — The city engr. of Long Beach is preparing plans for a two 50-ton unit garbage incinerating plant to be erected s of 15th St., bet. San Francisco St. and the flood control channel, Long Beach. Bonds in the sum of $125,000 voted a year ago were ordered sold. Concrete constr., pile found., brick and tile facing.

SEASIDE, Ore.—Archts. Houghtalinp and Dougan, Gearin Bldg., Portland complete plans for natatorium to be erected for W. A. Viggers; will be frame construction, 100 by 100 ft.

BUSINESS OPPORTUNITIES

D-1217—Boston, Mass. Manufacturer of candy desires to get in touch with manufacturers of polished redwood chests suitable to pack candy in.

D-1218—Glendora, Calif. Gentleman wants to get in touch with manufacturers of art goods and firm dealing in picture frame mouldings.

D-1219—New Jersey. Firm wants representative to handle waterproofing

D-1222—Seattle, Wash. Firm in market for chromite, or crome ore, iron, running 45 to 50 per cent chromic oxide content.

D-1223—Fort Worth, Texas. Manufacturers of screen hangers desire to put same on market through first-class builders' hardware dealer.

D-1224—Philadelphia, Pa. Manufacturer's agent desires to take on more new accounts.

Leads for Business

CARPET CLEANING—Standard Carpet Cleaning Co. (J. H. Gronn), 2881 16th to 1560 Harrison.
CHEMICAL PRODUCTS — King Bear Chemical Co., 182 Stillman.
CLEANING AND DYEING — Jos. Nemeth, 3299 Mission.
DENTISTS—Dr. P. T. Lynch, 2530 to 2587 Mission.
DRUGS—Abrams Drug Co. (C. Leszinsky), branch 195 3rd.
ENAMELING — Debco Baked Enamel Auto Co., 175 Russ.
ENGINEERS—D. K. Lippincott (electrical), 47 Kearny to 343 Front.
FLORISTS—Glennon Flower Shop, 1564 California.
FRUIT—Goldberg Bros., 700 Cole to 1589 Waller.

FURNITURE—O'Neill-Graven Co., 935 Howard to new factory Hampshire and Mariposa soon.
Cheste field Furniture Co., 570 Sutter.
J. L. Davidson (metal), 55 New Montgomery.
Westein Furniture Upholstering Co. (Langsam Bros.), 1672 15th.

FURRIERS — Frank Hindshaw, 760 Market.
GROCERS — E. Gray, (1567 Folsom), 2903 Baker.
John Kump, Jr., 1512 Polk.

HEATING SYSTEMS—Geo. T. Gerhardt Co., 4405 Geary.
INKS — Chas. Hellmuth, Inc. (New York), 200 Davis.
LADIES' APPAREL— Deliere & Thompson, 523 Post.
MARKETS—Western Market, 3315 Balboa.
MILLINERY—Dolores Millinery (Mrs. A. Bergman), 3177 16th.
PAINTING—Auto Paint Removing Co., 68 9th.
J. F. Gunther, 2480 California.
PHYSICIANS—Dr. Albert Berger, 1001 Guerrero.
PLEATING WORKS—Quality Pleating Co., 117 Grant Ave. to 130 Geary.
PLUMBING—Bowman Plumbing Supply Co., 1325 Mission.
POLISHES—Service Polishing Co., 112 Market.
REAL ESTATE — Hugh Givens, 444 California to 681 Market.
California Realty Listing Bureau, Hearst Bldg.
F. F. DeLany, 321 Bush.
ROOFING—Fibrestone & Roofing Co., 199 10th to 51 Ringold.
TAILORS—J. J. Seltzer, 1908 Sutter.
THEATRICAL BOOKERS—Earle Caldwell, 1061 Market.
VENTILATING SYSTEMS — Autovent Fan & Blower Co. (Chicago), 589 Howard.

MISCELLANEOUS—Japanese Chamber of Commerce, 444 Bush to Chancery Bldg.
Dr. Walter Scott Franklin, 135 Stockton to 380 Post.
Mineral Supply Co., 357 Van Ness Avenue.
Western Steel Package Co., 558 Howard.
National Hydrating Co., Carmen Johnson Bldg.
Axelrod Specialty Co., Phelan Bldg.
Long Fox Mfg. Co., 1724 Sutter.

ADDRESSES WANTED—Nusol Soap. Safety First Tire and Tube Patch. Want dealer or manufacturer of Cyanogen Chloride.

LEASES—Mar. 18, 1924 Gracieuse Idiart to August Bergers—1230 Powell St. Bon Gout Restaurant, 1 year, $200 per month.

April 25, 1924—Daniel Lagan to Max G. Drescher—W Howard 170 N 17th N 59-6xW 110-6. 5 years, $200 per month, etc.

LEASES—Feb. 8, 24 — Marian Realty Company to Manning Inc—Space in Crystal Palace Public Market 3 yrs 10 mos $12,450 and option to renew.

April 24, 24—Nathan L and Sylvia M Lester and William W and Ethel G Lester to The J H Day Company—N Mission No 680 Mission St 3 yrs $250 per month.

LTASES—Feb. 21, 1924 — Friedericke Wassmann to Conrad Annasohn—N 24th bet. Potrero Ave. and Utah St. Nos. 2638 and 2640 24th St. and 1189 Potrero Ave. being NE Cor. Potrero Ave. and 24th St., 7 years, $9360.

April 12, 1924—Anna M. Fortal and Josephine C. Neumann to Paula Dahl —1108-1110 Gough St., 3 years 8 monthss, $6820.

LEASES—Jan 26, 23—William Nicol Company to John Phiefer—24th St No. 4005 24th St 3 yrs $1440.
Feb. 15, 24—J H D Roger as admr estate Loretto K Flynn decd to The New World—N Geary 138 E Van Ness Ave E 26 x N 120 W A 59 5 yrs $21,000

LEASES—Sept 11, 23—W H Bowe and Mary L Bowe to E J and Gyda Wheeler—No 2701 22nd 5 yrs $50 per month.
Option to purchase SW 22nd & York W 25 x S 85
Also strip of land in addn to said description in SW cor. of above description rung 5-6 W therefrom and rung N a sufficient width to include garage now on said premises.

———E B Swales to Richard Johnson —NW cor. Castro & 18th Sts. No. 482 Castro st 5 yrs $7800.
Nov. 16, 23—Rosenthals' Incorporated to F W Woolworth Co—S Post 113 E Grant ave E 62 x E 122-6 50v 97 15 yrs $1,152,000.

LEASES—Nov 15, 23—Samuel H Levin Inc to Renato Bacci—S Union 43 E Webster E 47 S 100 W 90 N 30 E 43 N 70 10 yrs $34,500.
April 17, 24—Charles C Judson to Florence R Brasfield—N Ellis 97-6 W Mason W 40 x N 60 5 yrs $45,000.

LEASES—April 1, 1924—Mrs. D. F. Nevills to Marshall Nuckolls —S Geary 100 E Funston Ave. No. 4833 Geary St., 2 years, $1800 and option to renew.
April 10, 1924—H. C. and Jessie E. Muddox to E. G. Skliris—E Mason bet. Post and Sutter Sts., No. 536 Mason St., St. Charles Bachelor Hotel, 10 years, $96,000.
Mar. 18, 1924—Samuel H. Levin Inc., to Thomas Attridge—SE Cor. 17th and Castro Sts., No. 405 Castro St., 5 years, $2760.
May 1, 1924—Friedrich Karl and Anna Marie Adelheid Falch to Sam Daniel —3463 16th St., 3 years 9 months, $1890.
May 23, 1924—William Spreen to C. J. Weber, Albert Winkler and Antone T. Knudson—S Clement 32-6 E 6th Ave. 16x100, 5 years, $9000.
Assigned April 12, 1924, to C. J. Weber, value received.
Assigned April 1, 1924, to Frank M. Abes, value received.
March 21, 1924—James H. and Emma G. Hiul to The Envelope Corporation—SWW 6th 275 SE Folsom SE alg 6th 80xSW 120 to NE Harriet, 5 years, $36,000 and option to renew.

May 6, 1924—Carrie I. Thorne to Jacob and Adele Lissauer—No. 2506 Fillmore St., 5 years, $3000.
May 1, 1924—Kate A. Gobeille to Hans Cunferman—SW Cor. 6th Ave. and California No. 4411 California St., 60 months, $2400.

April 22, 1924—Frank P. Weymouth to B. Diller—No. 1233 Golden Gate Ave., 5 years, $4500.

LEASES—Mar. 11, 1924—Marian Realty Co. to J. H. Armstrong — Crystal Palace Arcade which adjoins Crystal Palace Market building, 1175 Market St., 9 months, $2385 and option to renew.
April 15, 1924—L. G. Young and Philip Delucchi to John Niggemeyer—703 O'Farrell St., 5 years, $3890.

Official Proposals

NOTICE TO CONTRACTORS

(Bridge—Angeles National Forest)

Sealed proposals for constructing the above-named bridge on the Big Bear National Forest Highway Extension located within the Angeles National Forest, County of San Bernardino, State of California, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 400 Bay Building, 9 Main Street, San Francisco, California, until **9 o'clock A. M., on the 28th day of May, 1924,** at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids and none will be considered except those from contractors ascertained to be experienced and responsible.

The length of the bridge to be constructed or improved is approximately 350 feet and the principal items of work are approximately as follows:

One concrete bridge across Big Bear Lake Dam containing: 606 cu. yds. class A concrete; 15 cu. yds. class C concrete; 1100 cwt. reinforcing steel.

Construction shall be started within fifteen days after notice so to start has been given the contractor by the District Engineer, and shall be completed within 100 weather working days after said notice to start construction has been given.

The contract form, maps, plans and specifications may be examined by responsible contractors at the following addresses:

400 Bay Building, 9 Main St., San Francisco, Calif.

% County Surveyor, San Bernardino, Calif.

% Associated General Contractors, Los Angeles, Calif. (430 Douglas Bldg.)

The Bureau has available for loan to contractors on a rental basis equipment at Government Island, Oakland, California, as listed in the specifications. Bidder will state in his bid the Government equipment that he will use during construction and the minimum required. The estimated rentals will be taken into consideration and award will be made on the bid to the best advantage of the Government.

Plans and specifications will be furnished contractors who contemplate bidding, upon deposit of a check for $5.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications above referred to.

C. H. SWEETZER,
District Engineer.

May 1, 1924.

NOTICE TO CONTRACTORS

(Pine Knot and Fredalba Extensions—Big Bear Lake National Forest Highway)

Sealed proposals for constructing one or both extensions to the above named National Forest Highway located within the Angeles National Forest, County of San Bernardino, State of California, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 400 Bay Building, No. 9 Main Street, San Francisco, California, until **9 o'clock A. M., on the 28th day of May, 1924,** at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids and none will be considered except those from contractors ascertained to be experienced and responsible.

The Fredalba Extension is located about 30 miles northeast of San Bernardino, California, and is approximately 1 mile in length. The Pine Knot Extension is located about 40 miles northeast of San Bernardino, California, along the south shore of Big Bear Lake, and is approximately 2 miles in length.

The principal items of work in the two extensions are approximately as follows:

Clearing Both Extensions.
Excavation unclassified, 74,600 cu. yds
Class A Concrete, 225 cu. yds.
Class C Concrete, 35 cu. yds.
Reinforcing Steel, 25,000 lbs.
Cement Rubble Masonry, 100 cu. yds.
Concrete Pipe, 1222 lin. ft.
Corrugated Metal Pipe, 610 lin. ft.

Construction shall be started within fifteen (15) days after notice to start construction has been given the contractor by the District Engineer and shall be completed within the time specified in the Special Provisions.

The contract form, maps, plans and specifications may be examined by responsible contractors at the following addresses.

400 Bay Building, 9 Main Street, San Francisco, California.
W. L. Klein, % B. E. Wood, Stone House, South end Big Bear Lake Dam.
Associated General Contractors, 430 Douglas Building, Los Angeles, California.

The Bureau has available for loan to contractors on a rental basis equipment at Government Island, Oakland, California, as listed in the specifications. Bidders will state in his bid the government equipment that he will use during construction and minimum time required. The estimated rentals will be taken into consideration and award will be made on the bid to the best advantage of the Government. Government explosives are also available according to the terms of the specifications.

Plans and specifications will be furnished contractors who contemplate bidding, upon deposit of a check for $10.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications above referred to.

C. H. SWEETSER,
District Engineer.

May 1, 1924.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO BIDDERS

(Santa Clara County—Road Grader)

Notice is hereby given that sealed proposals or bids will be received by the Board of Supervisors of Santa Clara County, California, in their rooms in the Court House, in the City of San Jose, **up to 11 o'clock A. M., of Monday, May 19th, 1924,** for one 12-foot Grader.

Grader to weigh 8540 lbs. Frame of one piece, hot riveted 8" channel, reinforced with steel truss rods, boiler plate braces front and rear.

Moldboard to be 12' long and ⅝" thick. Circle 66" in diameter of one piece cast steel and to be machined to give smooth blade reverse. Blade beams to be of tool steel 2x4". Draft beams of tool steel 1¼x5".

King bolt to be not less than 2½".

Lift arms 2" tool steel to be equipped with roller bearings. Rear axle 5" square built of two channels with reversible and interchangeable stubs. Front axle 2½" tool steel.

Front wheels 32" diameter with 7" tire, while rear wheels are 48" in diameter with 7" tire.

Grader to be equipped with 10' steel pole and 24' cable. Grader also to be equipped with quick lift which will raise and lower the blade with one lever independent of the hand wheels.

Steering device to be built-in to the front axle and operated without overhanging mechanism.

All bearings on lift arms and worms to be equipped with takeups to eliminate lost motion.

Entire grader to be hot riveted with the exception where the parts are to be removed, in which case all nuts are to be equipped with lock washers or castelated nuts.

Each bid must be accompanied by a certified check in the sum of 10 per cent of the amount bid, drawn upon some reliable bank in favor of Henry A. Pfister, County Clerk.

The Board reserves the right to reject any and all bids.

All bids must be addressed to A. L. Hubbard, Chairman of the Board of Supervisors of Santa Clara County, and indorsed "Bids for Grader."

By order of the Board of Supervisors of Santa Clara County.

Attest:
HENRY A. PFISTER, Clerk.
By Eugene M. Don, Deputy Clerk.

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on June 2, 1924,** at which time they will be publicly opened and read, for construction, in accordance with specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Shasta County, on Route 3, Section
Shasta County, on Route 3, Section A, bridge over Olney Creek, Clear Creek, and China Gulch.

Placer County, between ¾ mile north of Colfax and Gold Run (III-Pla-37-C), about eight (8.0) miles in length, to be graded.

Alameda County, between Greenville and Livermore (IV-Ala-5-A), about four and three-tenths (4.3) miles in length to be widened with Portland cement concrete shoulders.

The foregoing quantities are approximate only, being given as a basis for the comparison of bids, and the California Highway Commission does not, expressly or by implication, agree that the actual amount of work will

correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work as may be deemed necessary or expedient by the said Commission.

All bids are to be compared on the basis of the State Highway Engineer's estimate of the quantities of work to be done.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the offices of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: May 5, 1924.

(May 9-16-23-30)

NOTICE TO CONTRACTORS

(Santa Rosa High School)

Notice is hereby given that sealed bids will be received and opened by the Board of Education of the City of Santa Rosa, Sonoma County, State of California, in the present High School Annex Building in Santa Rosa, **June 2, 1924, at 8:00 o'clock P. M.**, for the installation and completion of the work listed below, in the new high school building being erected in the City of Santa Rosa, County of Sonoma, State of California, according to the plans and specifications prepared for the same by W. H. Weeks, architect. Bids will be received on work as follows:

Special fixtures and furniture.
Stage Curtain.
Stage equipment.
Cafeteria Kitchen Equipment.
Steel Lockers.
Program Clock System.
Special Decorating Work.
Electric Light Fixtures.

Plans and specifications may be seen in the office of the Architect, W. H. Weeks, 360 Pine Street, San Francisco, or at the office of W. Herbert, Architect, Rosenberg Building, Santa Rosa, California.

All bids should be presented on bid forms furnished by the architect.

Each bid must be accompanied by certified check on some responsible California bank in the sum of not less than 5 per cent of the amount bid, made payable to Sara N. Hatch, Clerk of the Board of Education of the City of Santa Rosa, for the purpose stated in the specifications.

Each bid must be inclosed in a sealed envelope addressed to Sara N. Hatch, Clerk of the Board, and endorsed "PROPOSAL FOR (name branch of work) WORK IN NEW HIGH SCHOOL BUILDING."

The Board reserves the right to reject any and all bids.

Bids must be delivered to the undersigned Clerk of the Board of Education of the City of Santa Rosa, at her office in the present High School Annex in the City of Santa Rosa, at the time and place of meeting above stated, or any time up to the hour of opening of said bids.

SARA N. HATCH,
Clerk of the Board of Education of the City of Santa Rosa.

STATE OF CALIFORNIA
CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, **515 Forum Building, Sacramento, Cal., until 2 o'clock p. m., May 26, 1924,** at which time they will be publicly opened and read, for construction, in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Del Norte County, a bridge across Klamath River near Requa (I-D.N.-1-A), consisting of five 210 foot reinforced concrete arch spans and two 50-foot reinforced concrete approach spans.

Lassen County, between Susanville and Johnstonville (II-Las.-29-C), about four and five-tenths (4.5) miles in length to be paved with asphalt macadam.

San Mateo County, between Redwood City and Southerly Boundary (IV-S.-M.-2-B), about three and five-tenths (3.5) miles in length to be paved with asphalt concrete and widened with macadam shoulders.

Sacramento and San Joaquin Counties, across Dry Creek near Galt (X-Sac.-S.J.-4-A & D), a bridge composed of 9 steel spans at 80 feet each to be refloored and painted.

The foregoing quantities are approximate only, being given as a basis for the comparison of bids, and the California Highway Commission does not, expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work as may be deemed necessary for expedient by the said Commission.

All bids are to be compared on the basis of the State Engineer's estimate of the quantities of work to be done.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bids will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: April 28, 1924.

NOTICE TO CONTRACTORS

(State Reclamation Board—Bridges)

Sealed bids will be received **up to 11 o'clock A. M., on Monday, May 26, 1924,** at Room 835 Forum Bldg., Sacramento, California, and then publicly opened by The Reclamation Board, for the construction of six timber highway bridges across the borrow pits of the East and West Levees of the Sutter By-pass and the North and Sotuh Levees of the Tisdale By-pass, in Sutter County, California.

The aggregate length of the six bridges is 949 feet and the width 18 feet. They consist of an aggragate of 55 fixed spans of 17 and 19 feet each, supported by 4-pile bents. The principal material item is approximately 144,000 feet of No. 1 Common Oregon Pine. The piles shall be creosoted.

Payment will be made either in cash or warrants of the Sacramento and San Joaquin Drainage District against Sutter Butte By-pass Project No. 6 as determined by the Board upon award of contract. Bidder will state his price for each separate bridge, both in cash and in warrants, and accompany his bid with a certified check in the amount of ten per cent (10%) of his total cash bid. Contractors may bid on single bridges or on all bridges.

Work must be commenced within 30 days after award of contract and completed within 60 days thereafter.

For specifications and further information, apply to The Reclamation Board.

The Board reserves the right to rtject any and all bids.

THE RECLAMATION BOARD.
By F. R. Pierce, Assictant Secretary.

NOTICE TO BIDDERS

(Wire Fence—Presidio, San Francisco)

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal. Sealed proposals will be received here until 11 A. M., May 16, 1924, for non-climbable wire fence at Presidio of San Francisco, Calif. Information upon application.

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California Cedar Products Co.

All-Key Plaster Lath
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100% Mechanical Key.

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The Last Word in Wall Board.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

Engineering News Section

BRIDGES

SAN BERNARDINO COUNTY, Cal.—Until May 28, 9 a. m., bids will be rec. by Dist. Eng., U. S. Bureau of Public Roads, 9 Main St., San Francisco, to const. bridge over Big Bear Lake Dam in Angeles National Forest, San Bernardino county. Structure is approx. 350-ft. in length and will involve: 606 cu. yds. "A" conc; 15 cu. yds. C conc., 100 cwt. rein. steel. **See call for bids under official proposal section in this issue.**

DEL NORTE COUNTY, Calif.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until May 26, 2 p. m. to const. bridge over Klamath River near Requa, Del Norte county, consisting of five 210-ft. rein. conc. arch spans and two 50-ft. rein. conc. spans. Project involv. 7400 cu. yds. class A cem. conc.; 1500 cu. yds. class C cem. conc; 160 cu. yds. class E cem. conc; 8400 cu. yds. excavation for structure; 8500 hundredweight rein. steel; 946 Douglas fir piles. Commission will furnish Douglas fir piles.

OREGON STATE — C. J. Montag, Portland, at $14,110 submits low bid to state highway commission to const. bridge over Myers Creek on Roosevelt Coast Highway in Curry county. Frank L. Connor, Portland, at $4990 low bidder to const. bridge over Canyon Creek on John Day highway in Grant county. Taken under advisement.

SAN BERNARDINO COUNTY, Cal.—Until May 28, 9 a. m. bids will be rec. by C. H. Sweetzer, Dist. Eng., U. S. Bureau of Public Roads, 9 Main St., San Francisco, to const. rein. conc. bridge over Big Bear Lake Dam in Angeles National Forest, San Bernardino county. Bureau has equipment at Govt. Island, Oakland, Calif., for loan to contractors. Plans obtainable on deposit of $5 from Dist. Eng. at San Francisco, County Surveyor's Office at San Bernardino and office of Associated General Contractors, Douglas Bldg., Los Angeles. **See call for bids under official proposal section in this issue.**

PASADENA, Cal.—Until 10 a. m. May 12th, bids will be rec. by City Clerk Bessie Chamberlain to const new reinf. conc. highway bridge over Arroyo seco at Linda Vista Ave., Pasadena. Plans on file in city engr.'s office. Cert check or draft for 10% to accompany all bids. Bonds in the sum of $100,000 have been voted.

SAN FRANCISCO — Following is complete list of lump sum bids received by Bd. Pub. Wks. to const. Hetch Hetchy pipe line trestle, contract for which was awarded to L. F. Youdall, the lowest bidder.

L. F. Youdall	$167,645
Healy-Tibbitts Co.	173,790
S. F. Bridge Co.	174,975
Tibbitts-Pacific Co.	181,350
W. B. McGowan	184,905
A. W. Kitchen Co.	194,430

PORT ORANGE, Cal. .. Application has been made to U. S. Engineer office by the county of Orange for approval of plans and location of a highway bridge to be constructed across the upper arm of Newport Bay at Port Orange and located about 13,000 ft. northwesterly from mouth of bay. The plans for the bridge provide for a removable span with a clear height of 20 ft. at mean lower low water, and a clear span of 60 ft.

LOS ANGELES, Cal.—Until 2 p. m., May 26, bids will be rec. by supervisors to const. bridge on Olive St. over Los Angeles river in Rd. Foreman Div. No. 407. Spec. on file at office of supervisors.

MARYSVILLE, Yuba Co., Cal.—Bids will be asked shortly by supervisors to widen Parks Bar bridge preparatory to constructing Tahoe-Ukiah highway; additional 5 ft. will be provided in roadbed, making width 21 ft.

OAKLAND, Cal.—Jones & King at $6,456.50 awarded cont. to const. rein. conc. bridge over Crandall slough. M. Mertolino next low bidder at $6595; will be 80 ft. in length.

OROVILLE, Butte Co., Cal.—John Berlinger, Orland, Calif., at $2,994.80 awarded cont. by supervisors to const. rein. conc. bridge over slough 4.8 mi. west of Dayton.

STOCKTON, San Joaquin Co., Cal.—June 17 is date set by city council to vote bonds of $339,800 to finance construction of bridges, sewers and street paving. W. B. Hogan, city engineer.

SACRAMENTO, Cal. — Nystedt and Isham, 111 Kensington Way, Stockton, at $132,833 submitted only bid to county supervisors to const. highway bridge across Sacramento river near Paintersville, involv. 1048 cu. yds. 1-2½-5 conc. in piers; 219 cu. yds. 1-½-5 conc. in abutments; 396 cu. yds. 1-2-4 conc. in arches; 36 14-in. 32½ ft. long and 20 12-in. 22½ ft. long piles; 118 fender piles, 55 ft. long; 136 piles, 45 ft. long under piers; erect 500,000 lbs. structural steel to be furnished by county; erect 50,000 lbs. machinery; furnish and install electrical machinery. County Eng. Chas. Deterding estimated cost at $112,000. Bids previously received for this work, and which were rejected follow:

Nystedt & Isham	$127,456
Healy-Tibbetts Co.	$142,597
West Coast Const. Co., S. F.	$148,405

RIVERSIDE, Cal.—County supervisors adopt res. asking Cal. Highway Comm. to prepare plans and spec. for a bridge across San Gorgonio Wash. C. D. Hamilton is chairman of the board; D. G. Clayton, clerk.

SANTA BARBARA, Cal. — County Surveyor Owen H. O'Neill preparing plans to reconstruct five spans of the 700-ft. bridge across the Sisquoc river near Garey; est. cost, $30,000.

SAN JOSE, Santa Clara Co., Cal.—John D. Carlson, 253 Sierra St., San Jose, at $3995 (engineer estimate $4690) awarded cont. by supervisors to const. rein. conc. bridge in Shillingsburg ave. over Seco creek in Supervisor District 4. Other bids were: John Doyle., $4983; Jorgenson & Cook, $4690; Wm. Radtke $4480; Jim Casley, $5554; Wm. Martin, $4263; John W. Williams, $4710.

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SHASTA COUNTY, Calif.—Until June 2, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to paint three bridges in Shasta county, over Olney creek, Clear creek and China Gulch. **See call for bids under official proposal section in this issue.**

DREDGING, HARBOR WORKS AND EXCAVATIONS

YUMA, Ariz.—Southern Pacific Ry. has been granted permission to const. levee works along the Gila river; approx. cost as estimated, $1,000,000.

TRACY, San Joaquin Co., Cal.—Informal bids are being taken by John Elwin Little, consulting engr., Westley, Stanislaus county, for team and dragline earth work to const. ditches and canals on a 3000-acre tract of land being developed by the Burkhardt Inv. Co., 1219 Merchants Nat. Bank Bldg., Los Angeles. The ranch is known as the Bertschman ranch and is located 18 mi. s.w. of Tracy. Est. cost of the project, $200,000.

SANTA ANA, Cal.—County supervisors, farm bureau and chambers of commerce of San Bernardino, Orange and Riverside counties are considering a $1,500,000 bond issue for Santa Ana river control.

LOS ANGELES, Cal.—Until 2:30 p. m. May 16, bids will be rec. by harbor comm., 312 Byrne Bldg., to dredge slip No. 1 at Berth 163 in accordance with spec. 618. J. G. Starr, secretary.

IRRIGATION PROJECTS

SANTA BARBARA, Cal.—Plans are under way for formation of drainage dist. on the east side to include approx 500 acres. City's portion of the cost will probably be $60,000. Herbert Nunn city mgr., has started preliminary plans.

WOODBRIDGE, San Joaquin Co., Cal—Land owners have voted to petition supervisors to call election to decide on the question of organizing the Woodbridge Irrigation District comprising approx. 11,000 acres. It is estimated the project will cost about $20 per acre. Should the district be organized, an election will be called to vote bonds to finance the system.

EL CENTRO, Cal.—A movement is under way to form irrigation dist. including approx. 140,000 acres of land lying in the west side of the valley, bet. the Mexican line and Kane Springs A contract may be made with the Imperial Irrigation Dist. for water ,or the new acreage may be brought under the larger district's contol. A large part of the land contained in the 140,000 acres is owned by the Southern Pacific Ry.

LIGHTING SYSTEMS

LOS ANGELES, Cal. — Council declares inten. to const. ornam. lighting system in Washington St., bet. 8th Ave and 125 ft. e of Rimpau Blvd.; also in Washington St., bet. Vermont Ave. and Hobart Blvd.; 1911 act.

LOS ANGELES, Cal.—Walker & Martin, 402 W Wilshire, Fullerton, awarded contr. by Bd. Pub. Wks. at $68,331 to const. ornam. lighting system in South Park Ave., bet. Jefferson St. and 30 ft. n of Slauson Ave.

LOS ANGELES. Cal.—See "Streets & Sewers," this issue. Award of contract.

MACHINERY & EQUIPMENT

SAN FRANCISCO—Until May 19, 3 p. m., bids will be rec. by Leonard S. Leavy, city purchasing agent, to install shop equipment. Further information on request.

RAILROADS

YUMA, Ariz.—Southern Pacific Ry. granted perimssion to lay track along the Gila river levee at Yuma, including improved yard facilities, improvements to the levee costing approx. $1,000,000 and the construction of large bridge across the Gila river.

SAN FRANCISCO—Jas. M. Smith, 715 Ocean Ave., at $15,839.50 awarded cont. by Board of Public Works to fur. and install concrete trolley poles for the Ocean View extension of the Municipal Railway system.

MERCED, Merced Co., Cal. — Until May 31, bids will be received by Merced Irrigation Dist., Bancroft Bldg., Merced, for relocation of Yosemite Valley Ry., made necessary by Exchequer Dam and Power project; const of dam and reservoir, including power plant. The railroad specifications include everything except the large bridge which will cross the reservoir toward its upper end, and which will be about 1600 ft. long and 200 ft. high. Est. cost of the project is $9,698,000, divided as follows: $4,569,258.52 for the dam and reservoir; $1,321,701.23 for the power house; $3,807,049.81 for the relocation of the Yosemite Valley Ry. The only change over previous plans is that the power house is to be at the dam instead of .25 mi. down the river. R. V. Melkle, chief engr.; A. J. Wiley, consulting engineer.

SEATTLE, Wash.—Until May 16, 10 a. m., bids will be rec. by Wm. D. Freeman, city purchasing agent, to fur. one Yesler Way cable, 22,900 ft. in length, 10 3/16-in. dia., 6-strand ,16-wire 8½-in. lay Cast Crucible Steel Lang Lay Street Railway Cable. Consideration will be given for early delivery at time of award.

FIRE ALARM SYSTEMS

LOS ANGELES, Cal.—Until 9 a. m., May 14, bids will be rec. by city purchasing agent, 202 n city hall annex, for electric sirens under spec. 917.

STOCKTON, San Joaquin Co., Cal.—June 17 is date set by city council to vote bonds of $346,000 to finance purchase of fire equipment and installation of alarm system. W. B. Hogan is city engineer and Chas. E. Ashburner, city manager.

FIRE EQUIPMENT

MADERA, Madera Co., Cal.—City trustees authorize purchase of 500 ft. 1½-in. fire hose at $1.10 ft. It is proposed to purchase 1000 ft. of 2½-in. hose at later date. John Brammer is chief of fire dept.

MISCELLANEOUS SUPPLIES

SAN FRANCISCO—Until May 12, 3 p m., bids will be rec. by Leonard S. Leavy, city purchasing agent, to fur. and del. engineering and plumbing supplies; paints, painters' supplies and glass, as may be ordered for the period commencing July 1 and ending Dec. 31, 1924. Further information on request.

SEATTLE, Wash. — Until May 16, 10 a. m., bids will be rec. by Wm. D. Freeman, city purchasing agent, to fur. one Yesler Way cable, 22,900 ft. in length, 10 3/16-in. dia., 6-strand, 16-wire, 8½-in. lay Cast Crucible Steel Lang Lay Street Railway Cable. Consideration will be given for early delivery at time of award.

RESERVOIRS AND DAMS

SAN FRANCISCO—Cement Gun Construction Co. awarded cont. by Spring Valley Water Co., 425 Mason St., to const. conc. retaining wall, raise reservoir, forebay and raising conc. inlet box of University Mound Reservoir. Unit prices are: 21c per sq. yard for trimming embankment; $1 per sq. yd. for each cu. yd. of fill at end of SW embankment; $32 per cu. yd. for retaining walls; $2.36 per sq. yd. for concrete lining.

PRESCOTT, Ariz.—Plans are being completed and foundations have been made for storage dam on the Lower Date Creek, to store water for the irrigation of about 20,000 acres inYavapai county for New Alamos Land & Irrigation Co., of Prescott, Ariz. A power plant will also be constructed to develop power for land-owners within the district. W. T. Sawyer, pres. of the company.

SANTA BARBARA, Cal.—If the proposed Santa Ynez Valley Irrigation plans go through as contemplated, a dam impounding 40,000 acre ft. of water will be constructed across the Santa Ynez river, sufficient for the irrigation of 100,000 acres of land. A survey is now under way. Edward De La Cuesta of Buellton is heading the project, and J. J. McGregor, engr. for the Union Sugar Co., is making the preliminary survey.

MERCED, Merced Co., Cal. — See "Railroads," this issue.

PIPE LINES, WELLS, ETC.

LOS ANGELES, Cal.—Lacy Mfg. Co., Washington Bldg., Los Angeles, awarder contr by public service comm. at $7.21 per ft. for furnishing 400 ft. 36-in. riveted sheet steel pipe.

MISCELLANEOUS CONSTRUCTION

STOCKTON, San Joaquin Co., Cal.—City Council sets June 17 as date to vote bonds of $100,000 to finance subway construction. W. B. Hogan, city engineer.

BURBANK, Cal.—City engineer instructed to proceed with plans for two subways to carry Central Ave. crossing and the Pioneer Ave. crossing under the Southern Pacific Ry. tracks. The former will cost about $50,000 and the latter $8000. Some sort of arrangement will be made with the railway company which has asked that tentative plans together with details of the city's proposal to be submitted for investigation.

OAKLAND, Cal.—Until May 26, bids will be rec. by Alameda county supervisors for purchase of $300,000 block or $4,496,000 estuary tube bond issue, proceeds to finance purchase of rights of way and other preliminary work in connection with project. Geo. A. Posey, county surveyor.

WATER WORKS

LOS ANGELES, Cal.—United Casting Co., Wilson and Violet Sts., submitted low bid to public service comm. at $79 ea. for fire hydrants under spec. 713. Other bids were: Keystone Iron and Steel Co., $79.60; Pomona Mfg. Co., $125 each.

KELSO, Wash.—Until May 22, 8 p. m. bids will be rec. by L. A. Peterson, deputy city clerk, to fur. f. o. b. cars, Kelso, 550 lin. ft 8-in., 2880 lin. ft. 6-in., and 2670 lin. ft. 4-in. c. i. pipe, class C; 620 lin. ft. 2-in. and 5000 lin. ft. ¾-in. galv. iron pipe, together with necessary fittings including fire hydrants, corporation and curb cocks, etc. Cert. check 5% payable to city req.

COLFAX, Placer Co., Cal.—Southern Pacific Co. will shortly commence construction of new pipe line bet. local yards and Cape Horn, a distance of approx 3-mi. to connect with 1,500,000 gal capacity water tank.

PLAYGROUNDS AND PARKS

SAN FRANCISCO — Board of Park Commissioners seeks $1,481,675 appropriation in 1924-25 budget; $300,000 to maintain Golden Gate Park; $362,000 to maintain and improve smaller parks and $819,675 for various park improvements .B. P. Lamb is secretary of the board.

SANTA BARBARA, Cal.—Leeds and Barnard, engrs., Central Bldg., Los Angeles, have presented to the city planning commission designs for the new city hall plaza.

SACRAMENTO, Cal.—Until May 19, 5 P. M., bids will be rec. by Chas. C. Hughes, Sect'y., Board of Education, for following work

(1) Pave approx. 10,000 sq. ft. or more of mastic tennis courts together with alternative bids for asphaltum pavement.

(2) Fur. materials and lay asph. conc. driveway:

(3) Fur. and install, ready for operation, additional sprinkler system.

Above work located at New High School, 34th and Y Sts. Further information obtainable from secretary.

STOCKTON, San Joaquin Co., Cal.—June 17 is date set by city council to vote bonds of $137,900 to finance purchase and improvement of lands for recreation and park purposes. Chas. E. Ashburner is city manager.

SEWERS & STREET WORK

LASSEN COUNTY, Calif.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until May 26, to pave with asph. macadam, 4.5-mi. in Lassen County, bet. Susanville and Johnstonville. Project involves 800 cu. yds. roadway embankment without classification; 200 cu. yds. structure excavation without classification; 4600 cu. yds. crushed gravel or stone (asphalt macadam); 2300 cu. yds. crushed gravel or stone (shoulders); 350 tons asph. grade E spread; 76 cu. yds. class A Portland cement concrete (structures); 90 hundredweights bar rein. steel in place (structures).

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GILROY, Santa Clara Co., Cal.—City trustees reject bids with exception of that of the Southwest Paving Co., Washington Bldg., Los Angeles, at approx. $464,845 to pave various streets. It is expected that the contract will be let within the next ten days. Project involves 137,000 sq. ft. conc. gutter; 26,000 sq. ft. conc. walks; 1,200,000 ft. 4-in. asph. base with 1½-in. Warrenite surface; 20,000 sq. ft. 4-in. asph. base with 2-in. Warrenite surface; 150,000 sq. ft. resurface pavement, (1½-in. Warrenite); 25,000 lin. ft. conc. curb; 500 lin. ft. galv. iron culvert; 1000 lin. ft. 8-in., 9000 lin. ft. 10-in., 2500 lin. ft. 12-in., 1000 lin. ft. 15-in., and 1500 lin. ft. 18-in. vit. pipe; 63 catchbasins; 46 manholes; 3000 lin. ft. r.w. headers boards.

Other bidders were: Clark and Henery Const. Co.; Federal Paving Co.; Warren Const. Co.; A. Teichert and Son; Union Paving Co.; R. H. Crummey; Raisch Imp. Co.; A. J. Peterson; L. A. Paving Co.

PHOENIX, Ariz.—Pac. Constr. Co., Phoenix, was awarded contr. by State highway comm. at $150,225 to const. highway bet. Buckeye and the Hassayampa river, federal aid project No. 71 (Phoenix-Yuma highway), involving 4266 cu. yds. roadway excav. unclass. 4266 cu. yds. roadway excav., unclass. $1.15 yd; 33,500 cu. yds. borrow excav. unclass. 30c yd; 928 cu. yds. excav. (structures) unclass. $1.50 yd; 3010 cu. yds. excav ditches and channel changes unclass. 30c yd; 663 sta. yds. earthwork overhaul 10c yd; 97,898 sq. yds. cem. conc. pave (state furnishes mat.) $1.251 yd; 401 cu. yds. A conc. $16 yd (S. F. M.); 143 cu. yds. B conc. $16 yd. (S. F. M.); 560 ft. 24-in. C. M. P. (haul and place) (S. F. M.), 80c ft; 37,875 lbs. reinf. steel (haul, bend and place) S. F. M.), 2c lb.; 10,560 ft. metal long joint (haul and place) (S. F. M.), 5c ft; State furnished mat. est. to cost $106,792.10. Other bids were. Lee Moor Const. Co., El Paso, $157,098.62; Kisselburg-Schmidt & Hitchcock, Phoenix, $163,255.44; Thomas & Hoops, Miami, $163,473.86; Phoenix-Tempe Stone Co., Phoenix $.239,705.63.

OAKLAND, Cal.—Until May 15, 11 a. m., bids will be rec. by E. K. Sturgis, city clerk, to imp. portions of E-12th St., 44th Ave., etc., involv. grade and pave; const. curbs, gutters, culverts, storm water inlets, conduits etc. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon city eng.

SAN DIEGO, Cal.—C. B. Adams, Merced, submitted low bid to supervisors at $32,000 to imp. 1.71 mi., Escondido-Del Mar county highway, involv. 32,378 cu. yds. earth excav.; 15,736 cu. yds. earth embank; several culverts, and a small wooden bridge.

EUREKA, Humboldt Co., Cal.—City council, A. Walter Kildale, clerk, declares inten. to imp. portions of Commercial St., involv. grade and pave with 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; cem. conc. curbs; c. i. culverts with cem. conc. inverts; vit. pipe and cem. conc. sanitary sewers; catchbasins. 1911 Act & Bond Act 1915. Protests May 20. Harry H. Hannah, city eng.

OAKLAND, Cal.—Until May 15, 11 a. m., bids will be rec. by E. K. Sturgis, city clerk, to imp. 13th Ave. bet. E-14th and 38th Sts., involv. grade and pave; const. curbs, gutters, catchbasins, culverts, handholes, storm water inlets, conduits etc. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city engineer.

VENTURA COUNTY, Calif. — State Highway Commission rejects bids to const. section of state highway in Ventura county, bet. Sea Cliff and Rancho El Rincon, approx. 1.2-mi. to be graded paved and protected by sea wall. New bids will probably be asked. R. M. Morton, state highway eng. (F. Rolandi, 550 Montgomery St., San Francisco, at $516,780 submitted low bid for the work April 28.) Estimate of State Highway Eng. R. M. Morton, $448,976.

POMONA, Cal.—Fleming Constr. Co., 105 N Park Ave., Pomona, awarded contract by council at $12,500 to pave 2nd St., bet. Oak Ave. and w city limits, involv. 6-in. conc. pavement and conc. curbs.

SAN DIEGO, Cal. — David H. Ryan, 1615 Fern St., submitted low bid to council at $51,845 to imp. State St., Reynard Way and Goldfinch St., involv. 40,066 sq. ft. 2-in. sheet asph. paving on 4-in. conc base 23.9c sq. ft; 144,737.77 5-in. conc. paving 23.9c sq. ft; 2236.64 ft. curb 75c ft; 1783.33 sq. ft. conc. walk 25c sq. ft.; 473 lin. ft. 6-in. conc. sewer main $850; 5 6-in. cem. conc. sewer laterals $40 each; one 4-in. conc. sewer lateral $35; miscellaneous $65. Other bids were: Cushing Constr. Co., $51,844.15; Cal. Constr. Co., $56,431.73.

OAKLAND, Cal.—Council, E. K. Sturgis, city clerk, declares inten. to imp. Renwick St., bet. Brookdale and Fairfax Aves., involv. grade and pave; construct curbs and gutters. 1911 Act. Protests May 22. W. W. Harmon, city engineer.

SANTA ANA, Cal.—Until 7:30 p. m., May 12 bids will be rec. by city trustees to imp. N Lacy St., bet. E 1st and pave with 6-in. conc. pavement (belt E 4th Sts., involv. 25,031 sq. ft. grade, finish wearing surface); 1915 bond imp act. E. L. Veezly, city clerk. W. G. Knox, city engineer.

LOS ANGELES, Cal.—Until 2 p. m., May 19 bids will be rec. by supervisors to imp. under R. D. I. No. 257, Michigan Ave. and Florence-Downey Rd., from Wright Rd. east and south to city limits of Long Beach, 13,568 lin. ft. or 3.71 mi. pavement 20 ft. wide, 5-in. to 8-in. thick, involv. 17,948 cu. yds. excav; 44,565 sq. yds. shaping roadbed; 44,565 sq. yds. conc. paving; 19,568 lin. ft. shaping shoulders; 72 ft. 18-in., and 4 ft. 24-in. corru. iron pipe; 3 ft. 18-in. and 45 ft. 30-in. reinf. conc. pipe; 28 cu. yds. conc. headwalls. Est. contract price, $121,659.95. Aver. haul, 1.5 mi.

Bids, same date, to imp. under R. D. I. No. 262, Ohio Ave. betw. Main Ave. and Orange Ave. (Azusa Canyon Rd.), (20-ft. macad., 5-in. thick); 5306 lin. ft. or approx. 1 mi., involv. 2729 cu. yds. excav; 12,062 sq. yds. shaping roadbed; 10,655 lin. ft. shaping shoulders; 12,012 sq. yds. macad. pavement; 455 sq. ft. gutter. Est. contr. price, $18,190.35. Aver. haul 5 mi. from plant at Azusa by truck; aver. haul for oil, 27 mi. from Gilmore Oil Co.'s west plant.

Separate bids, same date, to imp: 93rd St., bet. Main and San Pedro Sts. and portions of 94th, 95th and San Pedro Sts., under County Imp. No. 48, involving 4-in. cem. conc. walks, cem. conc. curbs and sidewalk returns, cem. conc. gutters and incidental grading. Plans obtainable from office of supervisors.

OAKLAND, Cal. — Until May 15, 11 a. m., bids will be rec. by E. K. Sturgis, city clerk, to construct sewer, wye branches, lamphole and manhole from existing sewer in 13th St. to 50-ft. s.w. of 14th St. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city engineer.

LOS ANGELES COUNTY, Cal.—State highway comm. orders const. of coast highway link across Rindge estate from west boundary of county to Los Flores Canyon Flores Canyon. To speed up the work, the comm. appealed to the Superior court at Los Angeles and here obtained the order of possession permitting the work of construction to begin, but leaving condemnation proceedings for later settlement.

RIVERSIDE, Cal.—City council plans to imp. Victoria Ave., bet. bridge and head of Van Buren Ave., planned with the ultimate idea of linking up with Arlington. The proposed improvement would cost about $18,000 per mi. Lee Nafzgar, city engineer.

SAN LUIS OBISPO, Calif. — City of San Luis Obispo desires competent and experienced city engineer. Applications are solicited, applicants to state qualifications and salary expected. Address Callie M. John, city clerk.

PHOENIX, Ariz.—Bids to const. 9.6 mi. of state highway on the Springerville-St. Johns Rd. (federal aid project 68-B) rejected by the state highway department.

EUREKA, Humboldt Co., Cal.—City council, A. Walter Kildale, clerk, declares inten. to const. 30-in. cem. conc. pipe storm sewer and sewer manholes with c.i. tops and covers and wrought iron steps in portions of Commercial St. 1911 act. Protests May 20. Harry H. Hannah, city engineer.

SAN RAFAEL, Marin Co., Cal.—Until May 15, 8 p. m., bids will be rec. by Oliver R. Hartzell, secy. Board of Education, to excavate and grade site for proposed new high school. Cert. check 10% payable to secy. req. with each bid. Spec. obtainable from secretary.

SAN BERNARDINO CO., Cal.—Until May 28, 9 a. m., bids will be rec. by C. H. Sweetser, Dist. Eng., U. S. Bureau of Public Roads, 9 Main St., San Francisco, to const. one or both extensions to the Pine Knot and Fredalba-Big Bear Lake National Forest Highway in San Bernardino county. The Fredalba extension is located about 30-mi. n.e. of San Bernardino and is approx. 1-mi. in length. Pine Knot extension is located approx. 40-mi. n.e. of San Bernardino and is approx 2-mi. in length. Project involv. the clearing of both extensions; 74,600 cu. yds. unclassified excavation; 225 cu. yds. A and 35 cu. yds. C conc; 25,000 lbs. rein. steel; 100 cu. yds. cem. rubble masonry; 1222 lin. ft. conc. pipe; 610 ft. corru. metal pipe. **See call for bids under official proposal section in this issue.**

SAN FERNANDO, Cal.—Griffith Co., 502 L. A. Ry. Bldg., Los Angeles, submitted low bid to city trustees at $49,950 to imp Griswold Ave., bet. 4th and 6th Sts., N Brand Blvd., bet. 4th and Library Sts; and portions of other streets, involv. excav. at $1 cu. yd.; 4-in. asph. conc. pavement at 18c sq. ft.; conc. walk at 20c sq. ft.; curb at 65c lin. ft.; lighting systems as follows: Griswold Ave., $5520; Newton St., $500; N Brand Blvd., $1200; McNeill St., $1200.

WATTS, Cal.—Bids rec. by city trustees to imp. Lark St., bet. Fern St. and Santa Anita Blvd., Santa Anita Blvd. bet. Glen Ave. and Lark St., and Eagle St., bet. S Wilmington and Glen Aves., rejected as too high and the work will be readvertised. The bids were:

Geo. R. Curtis—Grading at $2.20 lin. ft.; 1½-in. Warrenite-bitul. paving on 2½-in. asph. conc. base at 29.5c sq. ft.; curb at 75c ft.; Lark St. culvert, $600; Eagle St. culvert at $750; total, $82,071.60.

Warren Constr Co—$2.50 grading, 30c paving; 25c walk; 85c curb; $590 Lark St. culvert; $700 Eagle St. culvert; total, $85,702.05.

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SAN MATEO COUNTY, Calif. — As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until May 26, 2 p. m. to pave with asph. conc. and widen with macadam shoulders, 3.5-mi. in San Mateo county bet. Redwood City and south boundary. Project involv. 5500 cu. yds. roadway embankment without classification; remove 15 trees 15-in. in dia. or larger; remove 30 trees less than 15-in. in dia.; 135 cu. yds. structure excavation without classification; 9520 tons tons asph. mixture (surface); 62,-190 sq. yds. asphaltic paint binder (furnishing and applying; 12,100 tons broken stone (waterbound macadam base and shoulders); 80 cu. yds. A Port. cem. conc. curb and gutter; 125 cu. yds A Port. cem. conc. (structures); 190 hundredweights bar rein. steel in place (structures); 56 lin. ft .12-in. and 625 lin. ft. 18-in. corru. metal pipe. Commission will furnish corrugated metal pipe.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. portions of Gordon St., bet. Renwick and Monticello Ave., involv. grade and pave; const. curbs. 1911 Act. Protests May 22. W. W. Harmon, city eng.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. Monticello Ave., bet. Vicksburg and Fairfax Aves., and portions of Vicksburg and Congress Aves., adjacent to Monticello Ave., involv. grade and pave const. curbs, gutters and walks; storm water inlets; conduits, etc. 1911 Act. Protests May 22. W. W. Harmon, city engineer.

MERCED, Merced Co., Cal.—Valley Paving & Const. Co., Visalia, awarded cont. to imp.:

Portions of 26th and 27th Sts., bet. G and J Sts., involv. grading, $0.03 sq. ft; 2½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface, $0.20 sq. ft.; conc. curb, $0.64 lin. ft; conc. gutter, $0.30 sq. ft.; open gutter, $0.36 sq. ft.

M St., bet. 27th st. and Bear Creek bridge, involv. grade $0.03 sq. ft.; 2½-in. Willite base pavement with 1½-in. Willite surface, $.20 sq. ft.; conc. curb, $.64 lin. ft.; conc. gutter, $.30 sq. ft.; open gutter, $.30 sq. ft.

13th St., bet. J and M Sts., grade, $.03 sq. ft.; 2½-in. asph. conc. Willite base and 1½-in. asph. Willite surface pavement, $.20 sq. ft.; conc. curb, $.64 lin. ft.; conc. gutter, $.30 sq. ft.; open gutters, $.30 sq. ft.

SAN JOSE, Santa Clara Co., Cal. — County supervisors take under advisement the bids of John Doyle, 660 N-10th St., San Jose, for various road improvements: (a) hydraulic conc; (b) asphaltic:

Imp. Sierra Ave. in Supervisor District No. 4:
Supervisor's est., (a) $4500; (b) $4355.
W. E. Miller, (a) $4728.
W. A. Dontanville, (a) $4709.
John Doyle, (a) $4638, (b) $4937.
Downer & Mero, (a) $5375.

Imp. Singletary Ave., in Supervisor District No. 4.
Surveyor's estimate (a) $4610 (b) $4150
W. A. Dontanville, (a) $4799.
John Doyle, (a) $4737, (b) $4995.
W. E. Miller, (a) $4827.
Downer & Mero, (a) $5485.

Imp. Yosemite Ave. in Supervisor District No. 4:
Surveyor's estimate (a) $3710 (b) $3590
John Doyle (a) $3843, (b) $4094.
Downer & Mero, (a) $4451.
W. E. Miller, (a) $3917.
W. A. Dontanville, (a) $3899.

Imp. Randol St. in Supervisor District No. 4:
Surevyor's est., (a) $4765, (b) $4600.
W. E. Miller, (a) $4827.37.
John Doyle, (a) $4737, (b) $4995.
Downer & Mero, (a) $5485.
W. A. Dontanville, (a) $4799.

Imp. Hanchett Ave., in Supervisor District No. 4 (a) hyd. conc., (b) asph. concrete:
Surveyor's estimate, (a) $4680 (b) $4525
Downer & Mero, (a) $5519.
W. A. Dontanville, (a) $4824.
John Doyle, (a) $4758, (b) $5065.
W. E. Miller, (a) $4857.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, awarded cont. by council to imp. Julian Ave., bet. 17th and 21st Sts., involv. grade and pave with 2-in. Warrenite-Bit. surface on 3½-in. bituminous conc. base; hyd. cem conc. curbs, gutters, and walks; 1 hr. manhole; 14-in. vitrified pipe storm water sewer drain; 1 cem. conc. storm water inlet 10-in. vit. pipe drains.

LOS ANGELES, Cal.—Geo. R. Curtis, 2440 E 26th St., awarded cont. by Bd. Pub. Wks. to imp. Canoga Ave., bet. Ventura Blvd. and Drumetz Rd., involv. grading at $90,000 (lump sum); 26,519 ft. heavy curb at 75c ft.; 283,262 sq. ft. walk at 25c ft.; storm drains $1500, ornam. lighting system, $13,500; 30,887 ft light curb at 65c ft. Engr's est $207,-554.58.

BUTTE COUNTY, Calif.—R. M. Morton, state highway eng., Forum Bldg., Sacramento, preparing spec. to surface 2-mi. of Chico-Orland highway, lying west of Chico as far as Gray Ave. Will be asph. conc. surface, 20-ft. wide. Butte County will pay $15,000 of the cost.

LASSEN COUNTY, Calif. — Warren Const. Co., Bacon Bldg., Oakland, at $17,921 awarded cont. by State Highway Commission, to surface with crushed gravel or stone, 9.7-mi. in Lassen county, bet. Janesville and 4-mi. east of Milford. Engineer's estimate $57,955.

OREGON STATE — Following low bids rec. by State Highway Commission:

Seaside-Cannon Beach Junction section of Roosevelt Coast highway in Clatsop county, 2.73 mi. grading and crushed gravel or broken stone surfacing. Peterson and Scott, Portland, $66,266 for gravel; John Slotte & Co., Astoria, Ore., $75,845 for broken stone.

Jones Hill-Lena Section, Oregon-Washington highway in Morrow county, 2.9-mi. grading. H. W. Oliver, Portland, $20,830 for conc .pipe and $20,490 for corru. pipe.

Allen Ranch-Lapine section of The Dalles-California highway, Deschutes county, 10:30-mi. broken stone surfacing. Geo. K. March, Spokane, $105,080, under Alt. A; Porter and Conley, Portland, $55,240 under Alt. B and Porter & Conley, $98,640 under Alt. B, including hauling.

LOS ANGELES, Cal.—Peter R. Gadd, Van Nuys Hotel, submitted low bid to Bd. Pub. Wks. at $2,706,000 to const. sewer in Main St., betw. Santa Barbara Ave. and Manchester Aves. His bid was: 27c sq. ft. asph. paving; 9c sq. ft. rock and oil resurfacing; 7c sq. ft. grading, oiling and rolling; 60c ft. curb; 22c sq. ft. walk; 25c sq. ft. gutter; $364,192.88 Sec 1 complete; $332,-581.07 Sec. 2 complete; $741,141.11 Sec. 3 complete; $576,937.61 Sec. 4 complete; $230,996.18 Sec. 5 complete; $160,143.-14 Sec. 6 complete. Note: bids on items 1 to 6 incl. include all work necessary to be done at unit prices mentioned above. Work involves the following. reinf. concr. drain; 3654 ft. type K (2 sections, each 9 ft. 7-in. wide by 6 ft. 9-in. high); 2341 ft. type J, (2 sections, each 8 ft. 7-in. wide by 6 ft. 9-in. high); 1129 ft. type I (2 sections, each 7 ft. 5-in. wide by 6 ft. 9-in. high); 1745 ft. type H (2 sections, each 6 ft. 5-in. wide by 6 ft. 9-in. high); 6611 ft. type F, (single section 8 ft. 4-in. wide by 6 ft. 9-in. high); 28 ft. type L section; 1414 ft. type B (5 ft. wide by 6 ft. 9-in. high); 5260 ft. type A section (5 ft. 3-in. x 5 ft.); 7282 ft. type C section, (3 ft. 5-in. x 5 ft.); 5316 ft. Arch E. (approx. 7 ft. x 5½ ft.); 4443 ft. arch G. Monolithic pipe, as follows: 1106 ft. 70-in., 4754 ft. 63-in., 5239 ft. 60-in. Reinf. concr. pipe—2808 ft. 66-in; 426 ft. 60-in; 3972 ft. 57-in; 8635 ft. 54-in; 6324 ft. 48-in; 3683 ft. 45-in; 4241 ft. 42-in; 2648 ft. 39-in; 839 ft. 36-in; 4402 ft. 33-in; 12,793 ft. 30-in; 5366 ft. 27-in. and 1855 ft. 24-in. Cement pipe—1535 ft. 21-in; 2319 ft. 18-in; 2499 ft. 15-in. and 16,852 ft. 12-in. Sank. sewer, involving 1790 ft. 12-in; 4166 ft. 10-in; 6090 ft. 8-in. and 7744 ft. 6-in. cem. pipe; 12 ft. 20-in. C. I. pipe. Total 151.321 ft. or 28.66 mi. Other bids were:

Thomas Kelly & Sons, Inc.—48c asph. paving; 25c rock and oil resurfacing; 11c grading oiling and rolling; $1 curb; 30c walk; 50c gutter; $542,288.20 Sec. 1; $424,644.59 Sec. 2; $974,775.63 Sec. 3; $860,154.24 Sec. 4; $226,293.50 Sec. 5; $170,068.84 Sec. 6; total, $3,198,225.

Thomas Haverty Co.—60c asph. paving; 30c resurfacing; 30c grading, oiling, and rolling; $1.25 curb; 30c walk; 55c gutter; $548,890 Sec. 1; $485,750 Sec. 2; $1,102,385 Sec. 3; $1,127,350 Sec. 4; $251,490 Sec. 5; $168,050 Sec. 6; total, $3,683,915.

LOS ANGELES, Cal. — Griffith Co., 502 L. A. Ry. Bldg., submitted low bid to supervisors at $18,527 to imp. Lemon St., bet. Workman Mill Rd. and Guirado St., and portions of other streets, under County Imp. No. 28, involv. 8890 cu. yds. excav., incl. shaping 70c yd.; 5803 ft. curb 70c ft.; 7352 sq. yds. d. g. pavement 52c yd.; 9093 sq. ft. gutter 30c ft.; 7352 sq. yds. oil and screenings roadway 26c ft.

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SOLANO COUNTY, Calif.—Following bids rec. May 5 by State Highway Commission, Forum Bldg., Sacramento, for 8.3-mi. of highway in Solano county, between Vacaville and Batavia, 0.4-mi. to be paved with Port. cem. and 7.9-mi. pave with asph. conc. involv. 30,000 cu. yds. roadway excavation without classification; 300 cu. yds. structure excavation without classification; 3250 tons crushed gravel or stone (shoulders); 830 cu. yds. A conc (pavement, shoulders and repairs to existing pavement); 24,550 tons asph. conc. (pavement, shoulders and repairs to existing pavement); 220 cu. yds. A cem. conc. and place rein. steel (pavement; 190 hundredweights bar rein. steel in place (structures); 28 lin. ft. 12-in., 114 lin. ft. 18-in., and 96 lin. ft. 24-in. corrugated metal pipe; 100 cu. yds. removal of conc. in existing pavement; 4 monuments. Commission will furnish corru. metal pipe.

Force & Currigan, 225 Sherlock Portland, Ore.	$218,345.50
Freeman & Whiting (informal bid)	218,416.00
Federal Paving Co.	222,222.00
Calif. Constr. Co.	233,521.30
A. Teichert & Son	233,859.50
J. A. Costello Jr.	235,979.50
White & Miller, Yuma, Ariz.	260,413.50
Clark & Henery	262,850.00

ORANGE COUNTY, Cal.—Following bids rec. May 5 by State Highway Commission Forum Bldg., Sacramento, to grade 9.4-mi. in Orange county bet. East boundary and San Juan Bridge; project involv. 17,000 cu. yds. roadway excavation without classification; 17,400 sta. yds. overhaul (2 standards or less); 106,000 sta. yds. overhaul(greater than 2 stations); 750 cu. yds. structure excavation without classification; 330 cu. yds. A cem. conc. (structures); 216 hundredweights bar rein steel in place (structures); 78 lin. ft. 12-in., 394 lin. ft. 18-in., 280 lin. ft. 24-in., and 12 lin. ft. 36-in. corru. metal pipe;

Williams & Singletary, 709 N 8th St., Colton, San Bernardino Co., Cal.	$26,034
H. Petersen	32,151
Isbelle Construction Co.	32,263
C. L. Robinson	32,981
J. Paul Benson	34,859
Blumenkranz & Vernon	35,397
J. F. Mathews Co.	37,063

LOS ANGELES, Cal.—Until 10 a. m., May 12, bids will be rec. by Bd. Pub. Wks. to imp. under 1911 act:

16th St., bet. Griffith Ave. and San Pedro St., involv. 708 sq. ft. asph. paving, 204 sq. ft. conc. paving, 50,270 sq. ft. 6-in. bitum. base paving, 136 ft. curb 337 sq. ft. walk, 2845 sq. ft. gutter, reinforced concrete culvert.

36th Pl., bet. St. Andrews Pl. and 134 ft. w of Gramercy Pl., involv. 810 sq. ft. conc. paving, 33,467 sq. ft. curb, 9233 sq. ft. walk.

Dunleer Ave., bet. Manning Ave. and Exposition Blvd., involv. 170,079 sq. ft. 6-in. conc. paving, 863,231 sq. ft. oil and roll; 54,248 ft. curb, 245,325 sq. ft. walk; 99,397 sq. ft. gutter, storm drain, retaining wall.

23rd St., bet. Pacific Ave. and Leland St., involv. 738 sq. ft. asph. paving, 135,847 sq. ft. conc. paving, 6455 ft. curb, 21,125 sq. ft. walk, 193 sq. ft. gutter, 3390 ft. hse. sewers, 289 sq. ft. remodelng oil surface, san. sewer.

11th St., bet. Cabrillo St. and Meyler St., San Pedro, involv. 230 sq. ft. 2-in. bitum. base paving, 19,214 sq. ft. 5-in. bitum. base paving, 790 ft. curb, 3403 sq. ft. walk, 80 sq. ft. gutter.

Neptune Ave., bet. J and Anaheim Sts., involv. 48,343 sq. ft. asph. paving, 1033 sq. ft. bitum. base paving, 2039 ft. curb, 1078 sq. ft. walk, 2171 sq. ft. gutter, 757 ft. hse. sewers, catch basins.

SACRAMENTO COUNTY, Cal.—T. H. and M. C. Polk, Chico, at $40,099.14 awarded cont. by State Highway Commission to const. 12 rein. conc. bridges in Sacramento county, bet. Old Elk Grove and Sacramento. Engineer's estimate $49,831.

SAN JOSE, Santa Clara Co., Cal.—A. J. Raisch, 46 Kearny St., San Francisco (Builders' Exchange, San Jose) awarded cont. by council to imp. Taylor St., bet. 1st and 7th Sts., involv. grade and pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base hyd. cem .conc. curbs, gutters and walks; hyd. cem. conc. alley driveways.

LOS ANGELES, Cal.—County Surveyor J. E. Rockhold preparing plans for sewer systems in outlying cities under county imp. act. Spec. will be completed in about 6 mos. and a bond issue will be asked in each town to cover the cost. The districts for which systems are planned are: Belvedere, South Belvedere, Belvedere Gardens Observation Heights, Laguna, Bandini, Pico, Rivera, Vinevale, Downey, South Downey, vicinity of county farm, Carlton, West Clearwater East Clearwater, West Bellflower and Bellflower.

TAFT, Kern Co., Cal.—City trustees declare inten. to imp. portions North and Fifth Sts., involv. grading, pave; const. curb, walks, etc.; 1911 act. H. G. Arndt, city clerk.

SAN MARINO, Cal.—City trustees declare inten. to imp. Monterey Rd. bet. Garfield Ave. and Oak Knoll Avenue; grade; pave with oiled macad., const. gutter, reinf. conc. catch basins, reinf. conc. culvert; 1911 act. H. W. Joyce, city clerk.

STOCKTON, San Joaquin Co., Cal.—Until May 18, 5 p. m., bids will be rec. by A. L. Banks, city clerk, to improve portions of Wilson Way, involv. grade and pave with 4-in. cementing gravel base with 2-in. asph. macadam surface; const. comb. conc. curbs and gutters, conc. walks; br. manholes; sanitary sewer house branches. Cert. chk. 10% payable to city req. W. B. Hogan, city engineer.

SANTA MONICA, Cal.—Until 10 a. m., May 12, bids will be rec. by council to imp. 21st St., bet. Santa Monica Blvd. and s. e. line of Golden State Tract, involv. grade; pave; const. curb and walk; cem. pipe hse. sewers; 1911 act. Howard Carter, city engr.

LOS ANGELES, Cal.—Supervisors declare inten. to imp. Chevy Chase Dr., betw. city limits of Glendale and the boundary line of Sicomoro Canyon Tract, 2571 lin. ft. or .49 mi., involv. 2871 cu. yds. excav; 5663 sq. yds. shaping; 5663 sq. yds. cem. concr. pavement; 18-in. cem. concr. pipe at sta. 13 plus 00, complete with headwalls; 2551 lin. ft. shaping shoulders. R. F. D. No. 270. Est. contr. price, $17,244.60. Aver. haul, 2.5 mi. from Arden Junction .

BURBANK, Cal.—Geo. A. Simpson, Olson Bldg., Burbank, awarded contr. by city trustees at $109,101.05 for imp. Pioneer Ave.

STOCKTON, San Joaquin Co., Cal.—Until May 19, 5 P. M. bids will be rec. by A. L. Banks, city clerk, to imp. portions of Wilson Way, Washington and Lafayette Sts., involv. grading; const. comb. concr. curbs and gutters; conc. walks; 4-in .cement gravel base pavement with 2-in. asph. macadam surface; 4-in. sanitary branch house sewers, 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. W. B. Hogan, city eng.

ALAMEDA COUNTY, Calif. — Until June 2, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to widen 4.3-mi. of highway in Alameda county bet. Greenville and Livermore, with Port. cement conc. shoulders. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

YUMA Ariz.—City council plans to pave 1st St., bet. 2nd and 11th Aves. Between 2nd and 4th Aves. will be paved full width, and th eremainder 24 ft. Est. cost, $20,000 or approx. $9 lin. ft. for 2400 ft.

BAKERSFIELD, Kern Co., Cal. — Union Paving Co., Call Bldg, San Francisco, at approx. $9890 submits low bid to city council to imp. Jackson St., bet. Baker and Kern Ets., involv. grade and pave with 3½-in. asph. conc. base with 1½-in. Warrenite surface, $.245 sq. ft; [illegible] $.30 sq. ft; cem. conc. and corru. iron culvert, $6 lin. ft.; double cem. conc. and corru. iron culvert, $8 lin. ft. Taken under advisement.

HAWTHORNE, Cal.—City trustees declare inten. to imp. Eucalyptus Ave., bet. Wallace St. and n city limits, and portions of Truro Ave. etc., grade; pave with 1½-in. Willite wearing surface on 2½-in. asph. conc. base; const. 5-ft. walks, curbs and gutters; 1911 act and 1915 bond act .W. E. Shaw, city clerk.

HAWTHORNE, Cal.—Geo. H. Oswald 366 E 58th St., awarded contr. by city trustees at $236,615 to pave Acacia Ave. bet. Birch and Ballona Aves., Involv. 20,141 ft. curb at 65c ft; 126,542 sq. ft. walk at 23c ft.; 517,057 sq. ft. 2-in. Willite on 3-in. asph. conc. base, with disin. granite cushion at 26c ft; grading, $12,000 (lump sum); 124 posts in lighting system at $124 ea; 40,281 sq. ft. gutter at 32c ft. Other bids were: Geo. R. Curtis, $267,635.57; Hall-Johnson Co., $273,287.37; H. G. Feraud $279,-$31.46.

FRESNO, Fresno Co., Cal. — Until May 15, 10 a. m., bids will be rec. by H. S. Foster, city clerk, to imp. (under Res. of Inten., 13-D) Home Ave. bet. Van Ness Ave. and east city limits and in College Ave., bet. Home and University Aves., involv. const. Port. cem. conc. curbs, walks and driveway approaches. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, city engineer.

BAKERSFIELD, Kern Co., Cal. — Until May 12, 5 p. m., bids will be rec. by V. Van Riper, city clerk, to imp portions of M, N, 9th and 10th Sts., etc., involv. 27,761 sq. ft. walks and 4878 lin. ft. curb. (Street Improvement Dist. 491). Cert check 10% payable to city req. W. D. Clarke, city eng.

CALIFORNIA—There is now available approximately $2,702,600 to imp. highways in various counties of the San Joaquin valley in the immediate future, according to a survey made by the Contractors' Association of Northern California. Of this sum, $1,500,000 is to be spent in Kern county for the resurfacing of highways and the construction of new roads. In Fresno county, $30,000 is available, while another $300,000 is to be spent on highways to be built under the road improvement district plan. Merced county has $50,000 for permanent bridges and another improvement district. Four hundred thousand dollars is available in San Joaquin county for bridge and highway construction. In Stanislaus county, $62,600 is available for new highway construction. Road funds available in Kings county amount to $10,000.

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38 Stanford San Francisco Phone Kearny 1885

GLENDALE, Cal.—Cornwell & Henderson, 120 S Glendale Ave., Glendale, awarded contr. by council at $15,470.16 to imp. Brier Lane, Reynolds Ct. and other streets, involv. 472,200 sq. ft. grading 1.25c ft; 2870 ft. curb 50c ft.; 2573 sq. ft. 5-in. conc. paving 22c ft; 27,160 sq. ft. 3-in. oil macad. 11c ft.; 10,200 sq. ft. walk 17c ft.; 8-in. vit. pipe $2.50 ft; water pipe complete, $1859; culvert, $750; junction chambers at $100 each; flushtanks, $100 each; one lamphole, $50; lighting system complete, $1580.50; 36 hse. connections, $30 each.

E. L. Fleming, 324 W Dryden, Glendale, awarded contract at $39,881 to imp. Sonora and 5th St., involv. 274,000 sq. ft. grading 5c sq. ft.; 8540 lin. ft. curb 50c ft; 4596 lin. ft. 8-in. vit. pipe sewer $1 ft; 149,650 sq. ft. 3-in. macad. paving 10½c sq. ft.; 38,370 sq. ft. walk 17c sq. ft.; water pipe complete, 6 junction chambers at $90 ea; 3 manholes at $115 ea; 2 flush tanks at $115; 122 hse connections at $15.

W. J. Curren, 221-A W Broadway, Glendale awarded contract at $8465 to imp. under Raymond Ave., bet. Kenneth Rd and Glenwood Rd., involv. 53,213 sq. ft. grading 1c ft.; 2123 lin. ft. curb 50c ft.; 31,876 ft. 3-in. oil macad. 9.5c ft; 10,837 sq. ft. walk 16c ft; pipe complete, $2110.

SAN JOSE, Santa Clara Co., Cal.—County supervisors taken under advisement bids of John Doyle, 660 N 10th St., San Jose and John F. Adams, 1034 Alameda St., San Jose, to imp. Rhodes Court in Supervisor Dist. No. 4. Complete list of bids follow:

John Doyle (a- hyd. conc. $1557; (b) asphaltic $1675; (c) oil macadam $1732.

John F. Adams, (c) $1600.

W. A. Dontanville, (a) $1591.

Lloyd J. Reynolds, (a) $1799; (c) $2170.

Downer and Mero, (a) $1808.75.

W. E. Miller, (a) $1591.76.

Surveyor's estimate, (a) $1515; (b) $1462; (c) $1790.

PLACER COUNTY, Cal.—Until June 2, 2 P. M. bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to grade 8.0-mi. in Placer county bet. ¾-mi. north of Colfax and Gold Run. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

SAN FRANCISCO—Until May 14, 3 p. m., bids will be rec. by Board of Public Works to improve:

Joy St., bet. Brewster and Holladay Aves., involv. 247 lin. ft. 8-in. and 30 lin. ft. 12-in. vit. sewer; 15 wye branches; 2 br. manholes.

28th Ave., bet. Cabrillo and Fulton Sts., involv. 580 lin. ft. 8-in. vit pipe 38 wye branches; 2 manholes; 1200 lin. ft. conc. curb; 24,000 sq. ft. asph. conc. pavement.

San Jose Ave., bet. Havelock and Cotter Sts., involv. 1640 lin. ft. conc. curb; 22,000 sq. ft. asph. conc. pavement; reconst. 6 br. catchbasins; 90 lin. ft. culvert; 6000 sq. ft. asph. conc. conform surface; 18,860 sq. ft. art. stone walks; reconst. 5 sewer traps.

Bennington St., bet. Cortland and Highland Aves., involv. 1900 sq. ft. art. stone walks.

Vicente St. bet. 28th and 30th Aves., involv. 699 lin. ft. conc. curb; 7 br. manholes; 245 lin. ft. 10-in. vit. pipe; 1321 sq ft. asph. conc. pavement.

Rotteck St., bet. Bosworth & Springdale aves., involv 175 lin. ft. conc. curb; 1200 sq. ft. asph. conc. pavement; 900 sq. ft. conc. pavement.

Maynard St., bet. Mission and Congdon Sts., involv. 50 lin. ft. granite curb, 800 sq. ft. 6-in. conc. base and 2-in. asph. surface pavement; 8437 sq. ft. art. stone walks.

Spec. obtainable from Bureau of Engineering, 3rd floor, City Hall.

SANTA ANA, Cal.—City Engr .W. G. Knox preparing spec. for main line sewer in 4th St., bet. French and Ross Sts. Walter Wray is sewer supt.

SAN JOSE, Santa Clara Co., Cal.—County Surveyor Robt. Chandler repairing spec. to imp. Mountain View and Alviso road.

CALIFORNIA—Until June 19, bids will be rec. by State Treasurer for purchase of $3,000,000 block of 4½% state highway bonds.

SAN JOSE, Santa Clara Co., Cal.—Until May 19, 8 P. M., bids will be rec. by John J. Lynch, City Clerk, to imp. Reed St., bet. 3rd and 11th Sts., involc. grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; bit. asph. conc. headers; hyd. cem. conc. curbs, gutters and alley driveways. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, City Eng.

SANTA ROSA, Sonoma Co., Cal.—A. Teichert & Sons, Ochsner Bldg., Sacramento, at approx. $150,607, awarded cont. by county supervisors to const. highway from Sebastopol to top of Pocket Canyon Rd., involv. approx. 780,430 sq. ft. Willite pavement, 18 ft. wide, with earth shoulders and ditches; grading; const. headwalls, etc.

MARTINEZ, Cantra Costa Co., Cal.—County Supervisor Zebb Knott announces plans are being completed to widen state highway in town of San Pablo, from 16 ft. to 20 ft. Residents of San Pablo plan to form improvement district to pave highway to width of 46 ft. from San Pablo Creek bridge north of town to Wildcat Creek bridge south of town.

SACRAMENTO, Cal.—Until May 19, 5 P. M., bids will be rec. by Chas. C. Hughes, Sect'y., Board of Education, for following work

(1) Pave approx. 10,000 sq. ft. or more of mastic tennis courts together with alternative bids for asphaltum pavement.

(2) Fur. materials and lay asph. conc. driveway.

(3) Fur. and install, ready for operation, additional sprinkler system.

Above work located at New High School, 34th and Y Sts. Further information obtainable from secretary.

MARYSVILLE, Yuba Co., Cal.—City council votes to pave 14 additional blocks of streets in the residential district.

REDWOOD CITY, San Mateo Co.—New bids will be rec. by Eliz. M. Kneese, coupnty clerk, to repair road from San Gregorio to Pescadero, from Pomponino Creek south. Bids rejected under last call, as being too high, were Heafey-Moore-McNair, $700 installing county's rock plant, scarify and reshape, etc., $.87 sq. y.; W. W. Thompson, erect plant, $650; repair work, $.82 sq. yd. Geo. A. Kneese, County Surveyor.

CONTRA COSTA CO., Cal.—State Highway Commission contemplates widening highway bet. Richmond and Crockett to 30 ft. this summer. R. M. Morton, state highway engineer.

SAN MATEO, San Mateo Co., Cal.—City council abandons proceedings to improve Crystal Springs road and ovals in Hayward Ave., and new proceedings will be started undertaking the work as separate projects.

REDWOOD CITY, San Mateo Co., Cal.—Bids will be asked at once by Elizabeth M. Kneese, county clerk, to repair portions of Crystal Springs road to Half Moon Bay. Geo. A. Kneese, county surveyor.

BAKERSFIELD, Kern Co., Cal.—California Const. Co., 58 2nd St., San Francisco, at $29,000 awarded cont. to imp. county road no. 269, being extension of 4th St. in Taft to Bakersfield highway.

Bids noted in our issue of April 30.

STOCKTON, San Joaquin Co., Cal.—June 17 is date set by city council to vote bonds of $339,800 to finance construction of bridges, sewers and street paving. W. B. Hogan is city eng.

SAN JOSE, Santa Clara Co., Cal.—Until May 19, 8 P. M., bids will be rec. by John J. Lynch, City Clerk, to imp. Pleasant St., bet. Santa Clara and Julian Sts., involving grade and pave with 1½-in. Warrenite Bit. surface on 3 in. bituminous conc. base; hyd. cem. conc. curbs, gutters and walks; 3 br. catchbasins; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, City Engineer.

SACRAMENTO, Cal.—County Engineer Deterding preparing estimates of cost to widen 12th St. north of the subway.

SAN JOSE, Santa Clara Co., Cal.—Following bids rec. by county supervisors for road improvements, the bids being rejected and work ordered done by day labor under supervision of County Surveyor Robt. Chandler:

Fleming Ave., in Supervisor Dist. No. 3, W. A. Dontanville, $13,950. Surveyor's estimate, $11,790.

Bodfish Mill Rr., in Supervisor Dist. No. 1, C. R. Adams, $48,300; Blumenkranz and Vernon, $74,450; Palmer & McBryde, $49,996. Surveyor's estimate, $38,695.

Landers Ave., W. A. Dontanville, $9,875; Lloyd J. McReynolds, $11,000. Surveyor's estimate $8,445.

PORTERVILLE, Tulare Co., Cal. —City trustees, W. R. Means, clerk, declare inten. (No. 126) to imp. intersection of Doris and Sunnyside Aves. and Do is Ave., bet. Sunnyside and 2nd St and 2nd St., bet. Sunnyside and 2nd St involv. grade and pave with 5-in. hyd. cem. conc. curb and culverts, 1911 Act & Bond Act 1915. Protests June 5. Fred Pease, city engineer.

FRESNO, Fresno Co., Cal—Until May 15, 10 a. m., blds will be rec. by H. S. Foster, city clerk, to imp. (under Res. of Inten. 12-D) Fresno St., bet. Martin Ave.| and "A" St., involv. grading; const. cem. conc gutter; pave alley approaches with 6-in. cem. conc. const. corru. metal culverts with manholes; pave and repave with 3½-in. asph. conc. base with 1½-in. asph. conc. top course with liquid asph. and rock screenings surface coat. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, city engineer.

PHOENIX, Arix.—County supervisors authorize expenditure of $25,000 to const. Lateral 16 route bet. Phoenix and Black Canyon. R. L. Bone, county engr. About $10,000 has already been expended on this work.

FRESNO, Fresno Co., Cal.—Until May 12, 2 P. M., bids will be rec. by D. M. Barnwell, county cuerk, for improvements in Rd. Dist. Imp. No. 8, involv. $118,400 sq. ft. conc. walks, 3½-in. thick, including grading; 25,550 lin. ft. conc. curb, 6x8x15 in., including grading. Cert. check 10% payable to chairman of Bd. of Sups. req. Plans on file in office of clerk. Chris. P. Jensen, Cory Bldg., Fresno, county surveyor.

OAKLAND, Cal. — Council, E. K. Sturgis, city clerk, declares inten. to imp. Florida St. s. e. of Laurel Ave., and portion of culvert right-of-way adjacent to Florida St., involv. grade and pave; const. curbs, gutters, culvert and curtain wall. 1911 Act. Protests May 29. W. W. Harmon, City Eng.

SONORA, Tuolumne Co., Cal.—R. J. Gray, Sonora, at $1,299.50 submits low bid to supervisors to grade Dewey St., bet. Williams St. and south city limits. M. F. Swerer only other bidder at $1300. Eng. est. $1500.

WILLIAMS, Colusa Co., Cal.—Bonds of $40,000 voted to finance const. of sewer system.

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. portions of France St., involv. grading, $.06 sq. ft.; conc. curb, $.74 lin. ft.; conc. gutter, $.26 sq. ft.; oil macadam pave, $.13 sq. ft.; cem. walks, $.17 sq. ft.

STOCKTON, San Joaquin Co., Cal.—Irey & Holden, Lodi, at $16,698 submits low bid to supervisors to imp. Smithson road. Other bids were: Cy Moreinp, Stockton, $17,761.25; C. W. Woods Manteca, $17,933. Eng. est. $18,112. Will be 16 ft. wide, oil macadam.

SAN LUIS OBISPO, Cal.—Lester W. Moore of Santa Maria has been appointed city engineer of San Luis Obispo, succeeding Walter B. Roselip, resigned.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an Index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2017	Olson	Owner	3000
2018	Hall	Hamill	12000
2019	Woodville	Owner	2000
2020	Weidenthal	Ralston	3508
2021	Hamill	Owner	7030
2022	New Mission	Hotchner	1900
2023	Borman	Saari	1000
2024	Cowell	Owner	120000
2025	Barlow	Owner	4000
2026	Powell	Carlson	12000
2027	Bacigalupi	Owner	16000
2028	Perrott	Lysr	5500
2029	Bonetti	Owner	7000
2030	Binder	Mogh	5000
2031	Jones	Vukicevich	8000
2032	Hadeler	Rehn	2026
2033	Standard	Norstrom	5300
2034	Krysiak	Jensen	276
2035	Fee	Petersen	32350
2036	Weiss	Christiansen	17500
2037	P. G. & E.	Smith	2800
2038	Waugh	Crichton	4890
2039	Campbell	Crichton	5190
2040	Savio	Werner	14300
2041	Spring	Cement	——
2042	Frustick	Owner	15000
2043	Barrett	Owner	1000
2044	Richmond	Cahill	7000
2045	Gaarn	Bendon	2000
2046	Olsen	Owner	4000
2047	Giorgi	Bagnani	5000
2048	Hawkins	Stemple	6000
2049	Rolley	Stemple	6000
2050	Gassner	Kerr	5000
2051	Parmelee	McCormick	10700
2052	Dizman	Usnik	3000
2053	Medico	Wagner	900000
2054	Barrett	Owner	6000
2055	Kristovich	Owner	6750
2056	Ash	Arnott	10000
2057	Realty	Gursky	1500
2058	Mullen	Meyer	2000
2059	Zinkand	Owner	10000
2060	Meyerstein	Fisher	8000
2061	Independent	Peterson	85990
2062	McSharry	Kelly	6000
2063	Grieb	Moller	22900
2064	Harris	Strand	55500
2065	Springer	Spargo	59698
2066	Mooy	Callaghan	13070
2067	Lacey	Owner	18000
2068	Kutner	Coburn	2500
2069	Nunziato	Cuneo	9800
2070	Chaquette	Hjul	9500
2071	McCarthy	Owner	9000
2072	P G & E	Cohn	157495
2073	Parmelee	McCormick	10700
2074	Rattara	Swanson	4000
2075	Pagano	Perini	9000
2076	Rodney	Owner	2000
2077	Pickering	Dorman	1500
2078	Stewart.	Owner	8000
2079	O'Grady	Hanna	3000
2080	Douglas	Thomas	1500
2081	Gardner	Owner	3000
2082	Rowe	Owner	5500
2083	Bennett	Owner	2000
2084	Martin	Owner	1000
2085	Berg	Owner	5000
2086	Coghlan	Owner	9000
2087	Van Vleit	Jacks	7500
2088	Jones	Lang	2000
2089	Chamberlain	McLeran	5000
2090	Casha	Owner	2900
2091	Green	Owner	2000
2092	Jackens	Jacks	28986
2093	Mt. Olivet	Sibley	4850
2094	Mt. Olivet	Peterson	27450
2095	Schubert	Mangels	14550
2096	Van Vleit	Jacks	4695
2097	Lawrence	Seley	12000
2098	Meyer	Owner	3000
2099	Northern	Henderson	6000
2100	Dahla	Owner	3500
2101	Gleason	Delaney	6200
2102	Mullins	Mullins	3500
2103	Gunther	Munster	1800
2104	Bairuthers	Varney	7000
2105	Scialalbie	Backman	5000
2106	Edwards	Owner	4500
2107	Weissbein	Parker	6000
2108	Same	Same	7000
2109	Same	Same	7000
2110	McCormick	Young	35000
2111	Manning	Evans	1000
2112	Northern	Owner	6000
2113	Weissbein	Meyer	7000
2114	Lazzari	Maffei	10000
2115	Frank	Owner	4000
2116	Breitman	Deuncher	2400
2117	Green	Owner	2000
2118	Olsen	Owner	9000
2119	De Martini	Owner	1550
2120	Anderson	Owner	1900
2121	Northern	Owner	6000
2122	Clausen	Owner	8000
2123	Lyons	Wagner	250000
2124	Siren	Owner	4000
2125	Nelson	Owner	8000
2126	Harrison	Meyer	12000
2127	Suderman	Owner	7000
2128	Heyman	Stern	20000
2129	Sartorius	Owner	10000
2130	Steel Service	Owner	6000
2131	Lally	Mitchell	18000
2132	O'Kane	Corchoran	8000
2133	Cowell	Barrett	112150
2134	Same	Same	2355
2135	McCarthy	Arnott	3000
2136	Annabelle	Varney	7975
2137	Lilienthal	Mattock	22500

DWELLING
(2017) E ASHTON AVE 125 N Holloway. One-story and basement frame dwelling.
Owner—C. Olson, 146 Ashton Ave., San Francisco.
Architect—None. $3000

FLATS
(2018) N BALBOA 82-6 and 107-6 E Thirty-sixth Ave. Two two-story and basement frame stores and flat buildings (2 flats in each bldg.)
Owner—R. G. Hall, 835 Hyde St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $6000 ea

DWELLING
(2019) NW CRANE 225 NE Salinas. One-story and basement frame dwelling.
Owner—Henry Woodville, 438 Key Ave San Francisco.
Architect—None. $2000

ADDITIONS
(2020) NO. 183 JORDAN AVE. Construct additions to residence.
Owner—A. B. Weldenthal, Premises.
Architect—None.
Contractor—F. F. Ralston, 458 3rd Ave., San Francisco. $3508

DWELLING
(2021) N MAGELLAN 77-6 W Cortez. Two-story and basement frame dwelling.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $7000

MARQUEE
(2022) W MISSION 100 N Twenty-second. Erect marquee.
Owner—New Mission Market, Prem.
Architect—None.
Contractor—Hotchner Bros., 200 9th St., San Francisco. $1900

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

ALLITIONS
(2023) W SAN BRUNO 105 S Sillman. Additions to nickelodeon.
Owner—G. A. Borman, 440 Charter Oak Ave., San Francisco.
Architect—None.
Contractor—S. Saari, 155 Brussels St., San Francisco. $1000

FACTORY
(2024) SE SEVENTH AND HOWARD. Three-story and basement concrete factory.
Owner—I. M. S. H. and H. E. Cowell, 2 Market St., San Francisco.
Architect—Henry H. Meyers, Kohl Bldg., S. F. $120,000

DWELLING
(2025) W THIRTY-NINTH AVE 325 S Geary. One-story and basement frame dwelling.
Owner — W. G. Barlow, 425 Franklin St., San Francisco.
Architect—None. $4000

DWELLING
(2026) N JACKSON 103-1½ W Lyon. Two-story and basement frame dwelling.
Owner—Stanley Powell, 3817 Jackson St., San Francisco.
Architect—Erle J. Osborn, 821 Balboa Bldg., San Francisco.
Contractor—Elmer Carlson, 180 Jessie St., Sann Francisco. $12,000

FRAME FLATS
(2027) S UNION 87 E Leavenworth. Three-story and basement frame (2) flats.
Owner—J. Bacigalupi, 436 Greenwich St., San Francisco.
Architect—P. F. DeMartini, 946 Broadway, San Francisco. $16,000

DWELLING
(2028) N URBANO DRIVE opp. Alviso One-story and basement frame dwelling.
Owner—R. Perrott, 1136 Fresno Ave., Berkeley.
Architect—None.
Contractor—O. F. Lysr, 530 San Fernando Ave., Berkeley. $5500

FLATS
(2029) N CALIFORNIA 77-6 W 10TH Ave. 2-story and basement frame (2) flats.
Owner—Oris V. Bonetti, 1251 Waller St., S. F.
Architect—None. $7000

DWELLING
(2030) W GRANVILLE WAY 196 N Ulloa. 1-story and basement frame dwelling.
Owner—Earl Binder, 53 Douglas St., San Francisco.
Architect—None.
Contractor—J. H. Mogh, 4411 Pampas Ave., Oakland. $5000

STORES
(2031) N NATOMA 325 W SEVENTH. 2-story concrete stores.
Owner—E. Jones, % Architects.
Architect — O'Brien Bros., Inc., 315 Montgomery St., S. F.
Contractor—Vukicevich & Bagge, 815 Bryant St., S. F. $8000

PLUMBING, ETC.
(2032) N SEVENTEENTH 75 W Mission. All work for plumbing, etc.
Owner—C. Hadeler.
Architect—Arthur G. Scholz, 839 Phelan Bldg., S. F.
Contractor—George Rehn.
Filed May 1, 1924. Dated Apr. 30, 1924.
Roughing in completed $1013.25
Completed and accepted 506.50
Usual 35 days 506.75
Bond, $1013.25. Sureties, Jas. W. Dobherty and R. L. Bolers. Forfeit, $8.00. Limit, without delay. Plans and specifications not filed.

CONCRETE WORK
(2033) 2420 HARRISON. All concrete work for laundry building.
Owner—Standard Laundry Co.
Architect—None.
Contractor—C. Norstrom.
Filed May 1, 1924. Dated May 1, 1924.
Weekly 75%
Usual 35 days 25%
TOTAL COST, $5300
Bond, $2700. Sureties, John Cassetto and Pete Hammar. Forfeit, limit none. Specifications filed. Plans not filed.

PLASTERING
(2034) N CLINTON PARK about 120 W Guerrero 25x100 No. 222 Clinton Park. All work for plastering building.
Owner—Valentine and Julia Krysiak.
Architect—None.
Contractor—Harry W. Jensen.
Filed May 1, '24. Dated Apr. 30, '24.
Brown coated 50%
Completed and accepted..... 50%
TOTAL COST, $276.60
Bond, $138. Sureties, John Lynch and Edwin Gustafson. Limit, 30 days. Forfeit, plans and specifications, none.

CONCRETE BLDG.
(2035) S SACRAMENTO 112-6 E Grant Ave E 25x8 137-6. All work for three-story and basement Class C concrete building.
Owner—Jay B. Fee, Chas. Lee, Fook Hing Tong.
Architect—None.
Contractor—H. L. Petersen, Lick Bldg., San Francisco.
Filed May 1, '24. Dated Apr. 24, '24.
Concrete walls poured to 2nd second floor $6070
Conc. walls completly poured.. 6070
Brown coated 6070
Completed and accepted..... 6070
Usual 35 days..... 8070
TOTAL COST, $32,350
Bond, $16,175. Sureties, L. B. Sibley and D. J. Sullivan. Limit, 100 days. Forfeit, none. Plans and specifications filed.

FRAME BLDG.
(2036) NW MISSION 375-577 NE Valencia NE 25.9x8 NW 113.522 SW 26.818 m or 1 SE 106.783 Ptn Lots 5 and 6 Garden Land Hd. Assn. All work for three-story frame building.
Owner—Adolph Weiss and Victor Eisner, % Contractor.
Architect—None.
Contractor — Christiansen Bros., 578 25th Ave., San Francisco.
Filed May 1, '24. Dated Apr. 4, '24.
On execution of this agreement.$2700
Roof on 3700
Brown coated 3700
Completed and accepted..... 3700
Usual 35 days..... 3700
TOTAL COST, $17,500
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported Apr. 11, 1924 No. 1660.

PLASTERING
(2037) SE STEVENSON 275 NW Sixth NE 137-5xSE 70. All work for plastering steam station T.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor—James F. Smith, 180 Jessie St., San Francisco.
Filed May 1, '24. Dated Apr. 25, '24
On completion 75%
Usual 35 days..... 25%
TOTAL COST, $2800
Bond, $1400. Surety, Fidelity & Deposit Co. of Maryland. Limit, 20 days. Forfeit, none. Plans and specifications filed.

BUNGALOW
(2038) N JOOST AVE 250 W Edna W 25xN 100 Lot 28 Blk 22, Sunnyside. All work for five-room and basement frame bungalow.
Owner—Edwin B. and Elizabeth T. Waugh, 2737 22nd St., S. F.
Architect—None.
Contractor—L. G. Crichton and H. A. Dilks, Matson Bldg., S. F.
Filed May 1, '24. Dated Apr. 28, '24.
Frame up $1222.50
Roofed and plastered..... 1222.50
Completed 1222.50
Usual 35 days..... 1222.50
TOTAL COST, $4890.00
Bond, none. Limit, 90 days. Forfeit, $5. Plans and specifications filed.
NOTE—Permit reported Apr. 30, 1924 No. 1979.

BUNGALOW
(2039) N JOOST AVE 225 W Edna W 25xN 100 Lot 29 Blk 22, Sunnyside. All work for five-room and basement frame bungalow.
Owner—Florence G. and Jas. J. Campbell, 2737 22nd St., S. F.
Architect—None.
Contractor—L. G. Crichton and H. A. Dilks, Matson Bldg., S. F.
Filed May 1, '24. Dated Apr. 24, '24.
Frame up $1297.50
Roofed and plastered..... 1297.50
Completed 1297.50
Usual 35 days..... 1297.50
TOTAL COST, $5190.00
Bond, none. Limit, 90 days. Forfeit, $5. Plans and specifications filed.
NOTE—Permit reported Apr. 30, 1924 No. 1980.

APARTMENTS
(2040) N LOMBARD 27-6 W Franklin 27-6x100. All work for two-story and basement frame apartments.
Owner—Alex Savio.
Architect—None.
Contractor—J. H. Verner, 3251 Army St., San Francisco.
Filed May 1, '24. Dated Apr. 14, '24.
Frame up $3575
Brown coated 3575
Usual 35 days..... 7150
TOTAL COST, $14,300
Bond, none. Limit, July 20, 1924. Forfeit—none. Plans and specifications, none.
NOTE—Permit reported Apr. 18, 1924 No. 1785.

CONCRETE WORK, ETC.
(2041) BACON AND UNIVERSITY Ave. All work for concrete retaining wall, raising reservoir forebay and raising concrete inlet box of University Mound Reservoir.
Owner—Spring Valley Water Co., 425 Mason St., S. F.
Architect—None.
Contractor—Cement Gun Construction Co.
Filed May 1, 1924. Dated Apr. 28, 1924.
15th of each month 75%
Usual 35 days 25%
TOTAL COST—21c per sq. yd. for trimming embankment; $1 per sq. yd. for each cubic yd. of fill at end of SW embankment; $32 per cubic yd. for retaining walls; $2.36 per sq. yd. for concrete lining.
Bond, $10,000. Sureties, Fidelity & Deposit Co. of Maryland. Forfeit, $25. Limit, 70 days. Plans and specifications filed.

APARTMENTS
(2042) NE BALBOA AND TWENTY-first Ave. Three-story and basement frame (9) apartments.
Owner—John Frustick, 905 Irving St., San Francisco.
Architect—None. $15,000

DWELLING
(2043) W BIXBY 150 S Garfield. One-story and basement frame dwelling
owner—L. Barrett, 2338 Franklin St., San Francisco.
Architect—H. J. Segue, 195 Vernon St., San Francisco. $1000

(2044) NW BRANNAN AND DORE. One-story frame pipe shed.
Owner—Richmond Sanitary Mfg. Co.
Architect — Powers & Ahnden, 460 Montgomery St., San Francisco.
Contractor—Cahill Bros., Sharon Bldg., San Francisco. $7000

DWELLING
(2045) W CONGO 50 N Joost. One-story and basement frame dwlg.
Owner—Frank A. Gaarni, 2317 Market St., San Francisco.
Architect—Geo. A. Bendon.
Contractor—George A. Bendon, 999 Fell St., San Francisco. $2000

DWELLING
(2046) W DELANO 125 S Santa Ynez. One-story and basement frame dwelling.
Owner — Einar A. Olsen, 899 Chenery St., San Francisco.
Architect—None. $4000

FLATS
(2047) S FILBERT 55-11½ N Genoa. Two-story and basement frame (2) flats.
Owner—G. Giorgi, 457 Filbert St., San Francisco.
Architect—None.
Contractor—G. Bagnahi, 223 Bay St., San Francisco. $5000

FLATS
(2048) E FUNSTON AVE 50 S Judah. Two-story and basement frame (2) flats.
Owner—R. W. Hawkins, 5331 Geary St., San Francisco.
Architect—None.
Contractor—Stempel & Cooley, 5331 Geary St., San Francisco. $6000

FLATS
(2049) E FUNSTON 75 S Judah. Two-story and basement frame (2) flats.
Owner—I. S. Rolley, 5331 Geary St., San Francisco.
Architect—None.
Contractor—Stempel & Cooley, 5331 Geary St., San Francisco. $6000

ALTERATIONS
(2050) NO. 110-112 GEARY. Remodel store fronts.
Owner—Louis Gassner, Premises.
Architect — Sylvain Schnaittacher, 233 Post St., San Francisco.
Contractor—Kerr & McLean, 180 Jessie St., San Francisco. $5000

FLATS
(2051) S GROVE 106 W Ashbury. Two-story and basement frame (2) flats.
Owner—C. A. Parmelee, 35 Grant Ave., San Francisco.
Architect—None.
Contractor—Thos. McCormick, 73 Hill St., San Francisco. $10,700

DWELLING
(2052) N NINETEENTH 75 W Vermont One-story and basement frame dwelling.
Owner—Johan Dizman.
Architect—None.
Contractor—Anton Usnik, 736 Clementina St., San Francisca. $3000

OFFICES
(2053) NE POST AND MASON. 15-story and basement Class A office building.
Owner—The Medico-Dental Bldg. Corp. 301 1st National Bank Bldg., S. F.
Architect — Geo. W. Kelham, Sharon Bldg., San Francisco.
Contractor—Geo. Wagner, 131 South Park St., S. F. $900,000

FLATS
(2054) S CABRILLO 53-4 W Eighth Ave. Two-story and basement frame (2) flats.
Owner—J. J. Parrett, 471 19th Ave., San Francisco.
Architect—None. $6000

DWELLING
(2055) S DEWEY BLVD. 385 W Pacheco. Two-story and basement frame dwelling.
Owner—Christophe Kristovitch, 812 York St., San Francisco.
Architect—None. $6750

DWELLINGS
(2056) W KENSINGTON 320 and 375 N Ulloa. Two one-story and basement frame dwellings.
Owner—J. L. Ash, 52 6th St., S. F.
Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. $5000 ea

ALTERTIONS
(2057) 667 McALLISTER ST. Raise and make alterations for apartments.
Owner—Realty Buyers and Sellers, Inc. 1360 Webster St., S. F.
Architect—None.
Contractor—N. Gursky, 1360 Webster St., S. F. $1500

DWELLINGS
(2058) E NINTH AVE. 100, 150, 175, 200 S Ortega. Five 1-story and basement dwellings.
Owner—C. Mullen, 603 First National Bank Bldg., S. F.
Architect—None.
Contractor—Meyer Bros., 603 First National Bank Bldg., S. F. $4000 each.

FLATS
(2059) E SEVENTH AVE. 50 S Cabrillo. 2-story and basement frame (2) flats.
Owner—H. P. and Anna Zinkand, 434 10th Ave., S. F.
Architect—None.
Contractor—H. P. Zinkand, 434 10th Ave., S. F. $10,000

DWELLINGS
(2066) S VASQUEZ 45 AND 108 W Garcia. Two 1-story and basement frame dwellings.
Owner — A. L. Meyersteln, 311 California St., S. F.
Architect—None.
Contractor—M. Fisher, 711 Mission St., San Francisco. $4000 each

CONCRETE BLDG.
(2061) NE EIGHTEENTH AND ALABAMA E 200 x N 200. All work except painting, wiring, plumbing, heating, grading and vault front for reinforced concrete bldg.
Owner—Independent Laundry, 19th and Bryant, S. F.
Architect—John J. Foley, 770 5th Ave., San Francisco.
Contractor—Peterson & Persson, 770 5th Ave., S. F.
Filed May 2, 1924. Dated Apr. 30, 1924.
1st of each month 75%
Usual 35 days 25%
TOTAL COST, $85,990
Bond, $42,995. Sureties, Hartford Accident & Indemnity Co. Forfeit, none. Limit, 125 days. Plans and specifications filed.
NOTE—Permit reported Apr. 30, 1924 No. 1962.

ALTERATIONS
(2062) E ARGUELLO BOULEVARD 100-4 63/100 S McAllister S 25 x E 100-81 N 25 W 97-5 44/100. All work for alterations and addition to make a 2-story frame bldg. flats.
Owner—John J. McSharry, premises.
Architect—None.
Contractor—Robert H. Kelly, 57 Grattan St., S. F.
Filed May 2, 1924. Dated May 1, 1924.
Roof on $1500
Plastering completed 1500
Completed and accepted 1500
Usual 35 days 1500
TOTAL COST, $6000
Bond, sureties, forfeit, none. Limit, 80 days. Plans and specifications not filed.
NOTE—Permit reported Apr. 29, 1924 No. 1946.

GARAGE
(2063) N PAGE 110 E GOUGH. All work for 2-story and basement reinforced concrete garage bldg.
Owner—Henry T. Grieb and Claus Alpers, % Architect.
Architect — O'Brien Bros., Inc., 315 Montgomery St., S. F.
Contractor — Fred Moller and R. De Luca, 180 Jessie St., S. F.
Filed May 2, 1924. Dated Apr. 13, 1924.
Footings & basement floor poured $3000
Poured to 1st floor nlie..... 4500
Poured to 2nd floor line..... 4500
Completed and accepted 5175
Usual 25 days 5725
TOTAL COST, $22,900
Bond, sureties, forfeit, none. Limit, as soon as possible. Plans and specifications filed.
NOTE—Permit reported Apr. 25, 1924 No. 1905.

APARTMENTS
(2064) SW SIXTEENTH AVE. AND California W 53-4 x S 90. All work for 3-story and basement frame apartment bldg.
Owner—M. and Tillie Harris, —.
Architect—None.
Contractor — Strand & Strand, 251 Kearny St., S. F.
Filed Apr. 30, 1924. Dated Apr. 7, 1924.
Cash paid .....$ 5000
Roof on 5000
Finish plaster completed..... 5000
Building completed 5000
Loan to Humboldt Bank..... 25000
Usual 35 days .....Balance
TOTAL COST, $55,500
Bond, sureties, none. Forfeit, $25. Limit, 120 days. Plans and specifications not filed.

HOTEL
(2065) SW TAYLOR AND COSMO Place . All work for 6-story and basement class C hotel bldg.
Owner—George W. and Carrie Springer 1032 Jackson St., S. F.
Engineers—Maurice C. Couchot and Jesse Rosenwald, 60 Sansome St., San Francisco.
Contractor—John Spargo, Russ Bldg., San Francisco.
Filed May 2, 1924. Dated Apr. 26, 1924.
As work progresses 75%
Usual 35 days 25%
TOTAL COST—Not to exceed $55,298, contractor to receive $4400 as fee in progress payments.
Bond, $27,649. Sureties, Theo. De Pass and E. H. Peterson. Bonus, $25 per day. Limit, 135 days. Plans and specifications filed.
NOTE—Permit reported Apr. 25, 1924 N. 1335.

ALTERATIONS
(2066) SW WILLARD AND LINCOLN Way or 1201 Willard. All work for alterations of bldg. into flats.
Owner—Elsie J. Mooy, 1201 Willard St., San Francisco.
Plans by Contractor.
Contractor—Jacob Callaghan, 900 Clayton St., S. F.
Filed May 2, 1924. Dated Apr. 26, 1924.
Roof on $3267.50
Brown coated 3267.50
Completed 3267.50
30 days after 3267.50
TOTAL COST, $13,070
Bond, $6500. Sureties, H. D. Callaghan and Maybelle Callaghan. Forfeit, none. Limit, without delay. Plans and specifications filed.
NOTE—Permit reported Apr. 22, 1924 No. 1852.

APARTMENTS
(2067) SE FAIR OAKS & TWENTY-first. Two-story and basement frame (7) apartments.
Owner—E. V. Lacey, 3485 21st St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. $18,000

ALTERATIONS
(2068) NO. 1327 LAGUNA. Tar and gravel roofing; plastering, painting, etc., for flats.
Owner—Louis Kutner, 180 Jessie St., San Francisco.
Architect—None.
Contractor — Chas. Coburn, 180 Jessie St., San Francisco. $2500

FLATS
(2069) W MISSION 100 N Mohawk. Two-story and basement frame (2) flats.
Owner—M. Nunziato, 5851 Mission St., San Francisco.
Architect—None.
Contractor—John P. Cuneo, 101 Amazon Ave., San Francisco. $9200

FACTORY
(2071) E THIRTY-SEVENTH AVE., One-story and mezzanine floor factory.
Owner—C. A. Chaquetto.
Engineer—J. H. Hjul, 128 Russ St., San Francisco.
Contractor — J. H. Hjul, 128 Russ St., San Francisco. $9500

DWELLINGS
(2071) E THIRTYY-SEVENTH AVE 150, 175 and 200 N Irving. Three one-story and basement frame dwellings.
Owner—John E. McCarthy, 1479 12th Ave., San Francisco.
Architect—None. $3000 each

OFFICE BLDG.
(2072) E MARKET AND BEALE NE 137-6xSE 138-2. Superstructure, concrete and steel reinforcement work and carpentry work for general office building.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor—Louis J. Cohn.
Filed May 3, '24. Dated Apr. 26, '24.
Monthly payments of..... 75%
Usual 35 days..... 25%
TOTAL COST, $157,495
Bond, $85,000. Surety, American Indemnity Co. Limit, forfeit, none. Plans and specifications filed.
NOTE—Permit reported Apr. 22, 1924 No. 1854.

FLATS
(2073) S GROVE 106-3 W Ashbury. All work for two-story frame flats.
Owner—C. Arthur Parmelee, 35 Grant Ave., San Francisco.
Architect—None.
Contractor — Thomas McCormick, 73 Hill St., San Francisco.
Filed May 3, '24. Dated May 1, '24.
Enclosed $2675
Rough coat plaster on..... 2675
Completed 2675
Usual 35 days..... 2675
TOTAL COST, $10,700
Bond, $5350. Sureties, Patrick Hannon and John Donovan. Limit, 90 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported May 3, 1924, No. 2051.

DWELLING
(2074) NE AMAZON AVE AND PARIS One-story and basement frame dwellng.

Owner—C. Rattara, — Amazon Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor — E. Swanson, 329 Lowell St., San Francisco. $4000

FLATS
(2075) S BAY 150 E Octavia. Two-story and basement frame (2) flats.
Owner——Mrs. O. Pagano, San Anselmo
Architect—NoNne.
Contractor——M. A. Perini, 879 Greenwich St., San Francisco. $9000

DWELLING
(2076) S BROAD 270 E E Plymouth. One-story and basement frame dwelling.
Owner—Annie I. Rodney, 14 Capitol Ave., San Francisco.
Architect—None. $2000

REPAIRS
(2077) NO. 2714 BROADWAY. General repairs for dwelling.
Owner—Marie G. Pickering, Premises.
Architect—None.
Contractor — T. J. Dorman, 1477 6th Ave., San Francisco. $1500

FLATS
(2078) S CALIFORNIA 57-6 E 31st Ave. Two-story and basement frame (2) flats.
Owner—John D. Stewart, 502 8th Ave., San Francisco.
Architect—None. $8000

DWELLING
(2079) W COLLEGE AVE 225 S St. Marys Ave. One-story and basement frmea dwelling.
Owner—Mrs. A. O'Grady, 3638 23rd St., San Francisco.
Architect—None.
Contractor—Frank Hanna, 139 Charles St., San Francisco. $3000

ADDITIONS
(2080) NO. 667 FIFTH AVE. Add to dwelling.
Owner—J. R. Douglas, Premises.
Architect—C. E. Shippey.
Contractor—J. C. Thomas, 1421 Balboa St., San Francisco. $1500

ALTERATIONS
(2081) NE FRANCISCO & MIDWAY. Raise and add one-story for apartments.
Owner — K. C. Gardner, 335 Raymond Ave., San Francisco.
Architect—G. A. Berger, 261 Valencia St., San Francisco. $3000

DWELLING
(2082) N FULTON 95 E Forty-third Ave. One-story and basement frame dwelling.
Owner—Hiram Rowe, 435 19th Ave., San Francisco.
Plans by Owner. $5500

DWELLING
(2083) NE HOFFMAN AVE AND Twenty-third. One-story and basement frame dwelling.
Owner—Mr. Bennett.
Architect—Edward H. Young, 2002 California St., S. F. $2000

ALTERATIONS
(2084) SE HYDE AND JACKSON. Raise building 8 ft. and underpin with brick.
Owner—Frank D. White, 720 Green St., San Francisco.
Architect—None. $1000

DWELLINGS
(2085) N JUDAH 75-6 AND 87-6 W 25th Ave. Two 1-story and basement frame dwellings.
Owner—William D. Berg, 1914 Judah St., S. F.
Plans by Owner. $2500 each.

DWELLINGS
(2086) W LOWER TERRACE 219, 244 and 269 S 17th. Three 1-story and basement frame dwellings.
Owner—D. Coghlan, 1406 Market St., San Francisco.
Plans by Owner. $3000 each.

ALTERATIONS
(2087) 2354 MISSION STREET. Erect partition in store; change front.
Owner—Roy Van Vleit, Alexander Bldg San Francisco.
Architect—Samuel Lightner and A. Appleton, 68 Post St., S. F.
Contractor—Jacks & Irvine, 180 Jessie St., S. F. $7500

ALTERATIONS
(2088) S O'FARRELL 30 E PIERCE. Raise and make additions for flats.
Owner—E. I. Jones, 1885 O'Farrell St., San Francisco.
Architect—None.
Contractor—Lang Realty Co., 219 First National Bank Bldg., S. F. $2000

FOUNDATION
(2089) N POST 161 W POWELL. Construct foundation.
Owner—Selah Chamberlain, —.
Engineer—T. Ronneberg, Crocker Bldg. San Francisco.
Contractor—R. McLeran & Co., Hearst Bldg., S. F. $5000

DWELLING
(2090) S YOSEMITE AVE. 150 W Keith. 1-story and basement frame dwelling.
Owner—Carmelo Casha, 1109 Phelps Ave., S. F.
Architect—None. $2900

DWELLING
(2091) N NORWICH 27-6 W Harrison. 1-story frame dwelling.
Owner—C. W. Green, 923½ Shotwell St. San Francisco.
Architect—None. $2000

APARTMENTS
(2092) SE BALBOA AND 26TH AVE. All work for 2-story and basement apartment bldg.
Owner—John Jachens.
Architect—Juandt and Boz, Humboldt Bldg., S. F.
Contractor—Jacks & Irvine, 5426 California St., S. F.
Filed May 5, 1924. Dated May 5, 1924.
10th of each month 75%
Usual 35 days 25%
TOTAL COST, $28,986
Bond, $14,493. Sureties, Geo. F. Dernning and Simon McLean. Forfeit, none. Limit, Aug. 26, 1924. Plans and specifications filed.

EXCAVATING, ETC.
(2093) N O'FARRELL 137-1½ E Leavenworth E 85-10½ x N 137-6. All work for excavating, grading and bulkheading 2-story and basement reinforced concrete bldg.
Owner—Mount Olivet Cemetery Association, 988 Market St., S. F.
Architect—W. H. Crim, Jr., and Hamilton Murdock, 425 Kearny St., S. F.
Contractor—Sibley Grading & Teaming Co., 1351 Landers St., S. F.
Filed May 5, 1924. Dated May 2, 1924.
Completed and accepted $3338
Usual 35 days 1112
Back filling completed 400
TOTAL COST, $4850
Bond, $2425. Sureties, H. L. Petersen and M. B. McGanler. Forfeit, $40.00. Limit, 15 days. Plans and specifications filed.

(2094) CONCRETE AND TILE PARTITIONS on above.
Contractor—H. L. Petersen, Lick Bldg., San Francisco.
Filed May 5, 1924. Dated May 2, 1924.
1st and 15th each month.....75%
Usual 35 days 25%
TOTAL COST, $27,450
Bond, $13,725. Sureties, C. A. Wellman and John E. Beck. Forfeit, limit, none. Plans and specifications filed.

RESIDENCE
(2095) LOT 24 BLK. 2817 FOREST Hill Court. All work for frame residence.
Owner—Emma W. Schubert.
Architect—H. C. Baumann and Edw. Jose, 168 Sutter St., S. F.
Contractor—Mangels Bros., 4792 Mission St., S. F.
Filed May 5, 1924. Dated May 5, 1924.
Wall & roof sheathing in place.$3637
Brown coated 3637
Completed and accepted 3637
Usual 35 days 3637
TOTAL COST, $14,550
Bond, $7275. Sureties, John A. F. Steimke and Theresa Gamma. Forfeit, none. Limit, 90 days. Plans and specifications filed.

ALTERATIONS
(2096) 2354 MISSION STREET. All work for alterations of stores in building.
Owner—Roy Van Vleit, Alexander Bldg., S. F.
Architect—Samuel Lightner Hyman & A. Appleton, 68 Post St., S. F.
Contractor—Henry Jacks and W. K. Irwine, 180 Jessie St., S. F.
Filed May 5, 1924. Dated May 1, 1924.
1st of each month 75%
Usual 35 days 25%
TOTAL COST, $4695
Bond, $2347. Sureties, Fidelity & Deposit Co. Forfeit, limit, none. Plans and specifications not filed.
NOTE—Permit reported today.

DWELLINGS
(2097) W TWENTIETH AVE. 125, 150, and 175 N Ortega. Three 1-story and basement frame dwellings.
Owner—O. A. Lawrence, 853 Fell St., San Francisco.
Designer and Contractor—Geo. A. Seley 281 27th St., S. F. $4000 each.

DWELLING
(2098) W TWENTY-NINTH AVE. 150 S Balboa. 1-story and basement frame dwelling.
Owner—Meyer Bros., 1 Montgomery St., San Francisco.
Architect—None. $3000

DWELLING
(2099) S URBANO 254 W BORICA. 1-story and basement frame dwlg.
Owner—Northern Supply Co., 251 Kearny St., S. F.
Architect—None.
Contractor — Henderson Building Co., Monadnock Bldg., S. F. $6000

DWELLING
(2100) S BRUNSWICK 22 E OLIVER. 1-story and basement frame dwlg.
Owner—John Dahla, 430 Crescent Ave., San Francisco.
Architect—None. $3500

ALTERATIONS
(2101) 63 CHATTANOOGA STREET. Remodel present structure for flats
Owner—Joseph E. Gleason, 63 Chattanooga St., S. F.
Architect—R. R. Irvine, Call Bldg., San Francisco.
Contractor—Chas. S. Delaney, 2415 Bush St., S. F. $6200

ALTERATIONS
(2102) W CHURCH 100 N 24TH. Raise flats for basement; cement plaster front; cement floorings, etc.
Owner—Thomas J. Mullins, San Anselmo, Marin Co., Calif.
Plans by Owner.
Contractor—J. W. Mullins, 1528 Sanchez St., S. F. $3500

ALTERATIONS
(2103) 731 CLAYTON STREET. Remodel 2nd story of present building for 2 apts.
Owner—G. C. Gunther, 733 Clayton St., San Francisco.
Architect——None.
Contractor—Munster & Bornholdt, 1530 Broderick St., S. F. $1800

DWELLING
(2104) SW COLLEGE AVE. AND Genebern Way. 1-story and basement frame dwelling.
Owner—Mr. and Mrs. Bairuthers.
Architect—Chas. F. Strothoff, 2274 15th St., S. F.
Contractor—F. W. Varney, 860 Bush St., S. F. $7000

DWELLING
(2105) N CORTLAND AVE. 46-8 E Ellsworth 1-story and basement frame dwelling.
Owner—J. Scialalbre, 247 Ellsworth St., San Francisco.
Architect—None.
Contractor—Backman Bros., 124 Foerster Ave., S. F. $5000

DWELLING
(2106) E FORTY-FORTH AVE. 190 N Cabrillo. 1-story and basement frame dwelling.
Owner—Wilbert C. Edwards, 793 28th Ave., S. F.
Architect—None. $4500

STORES
(2107) SE FULTON AND MASONIC Ave. 1-story frame stores.
Owner—Jacob Weissbein, Hobart Bldg., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., S. F.
Contractor—C. F. Parker, 251 Kearny St., S. F. $6000

STORE, FLATS
(2108) S FULTON 105 E MASONIC. 2-story frame store and 2 flats.
Owner—Jacob Weissbein, Hobart Bldg., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., S. F.
Contractor—C. F. Parker, 251 Kearny St., S. F. $7000

STORES
(2109) S FULTON 27 E MASONIC AVE 1-story frame stores.
Owner—Jacob Weissbein, Hobart Bldg., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., S. F.
Contractor—C. F. Parker, 251 Kearny St., S. F. $7000

APARTMENTS
(2110) NW FULTON AND PIERCE Sts. 3-story and basement frame (12) apartments.
Owner—A. T. McCormick.
Architect—Edward E. Young, 2002 California St., S. F. $35000

ALTERATIONS
(2111) 874 HAMPSHIRE STREET. Raise; alterations for basement garage quarters and remodel present building for 2 flats.
Owner—Mrs. Catherine Manning, prem.
Architect — Evans & Co., 359 Pacific Bldg., S. F.
Contractor—Evans & Co., 359 Pacific Bldg., S. F. $1000

DWELLING
(2112) W LOPEZ 30 S SOTELLO. 2-story and basement frame dwlg.
Owner—Northern Supply Co., 251 Kearny St., S. F.
Architect—None. $6000

APARTMENTS
(2113) SE MASON AND PACIFIC STS. 2-story frame store and 4 apts.
Owner—Jacob Weissbein, Hobart Bldg., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., S. F.
Contractor—Meyer Bros., First National Bank Bldg., S. F. $7000

STORE, FLATS
(2114) N McALLISTER 151-4 W LYON 2-story and basement frame store and 2 flats.
Owner—F. Lazzari, 1982 McAllister St., San Francisco.
Architect—None.
Contractor—V. Maffei, 1230 Chestnut St., S. F. $10,000

STORES
(2115) E MISSION 100-8 S 26TH. 1-story frame stores.
Owner—Myron Frank, 57 Post St., S. F.
Architect—S. Heiman, 57 Post St., S. F. $4000

DWELLING
(2116) S NORIEGA 95 W 18TH AVE. 1-story and basement frame dwlg.
Owner — Max Brietman, 31 Rosemont St., S. F.
Architect—None.
Contractor—W. G. Deucher. $2400

DWELLING
(2117) N NORWICH 27-6 W Harrison. 1-story frame dwelling.
Owner—C. W. Green, 923½ Shotwell St., San Francisco.
Architect—None. $2000

DWELLINGS
(2118) N OTSEGO 50, 75, 100 W San Juan. Three 1-story and basement frame dwellings.
Owner—Olaf Olsen, 501 Jefferson St., Redwood City, Calif.
Architect—Baumann & Jose, 251 Kearny St., S. F. $3000 each

CEMENT FLOORING
(2119) 457 PACIFIC STREET. Cement flooring for paint shop.
Owner—De Martini Motor Truck Co., 457 Pacific St., S. F.
Architect—None. $1550

DWELLING
(2120) NW PARIS BET. EXCELSIOR and Brazil, 238 Paris St. 1½-story and basement frame dwelling.
Owner—Wm. H. Anderson, 238 Paris St., S. F.
Architect—None. $1900

DWELLING
(2121) NW PIZZARO AND NORTHWOOD Drive. 1-story and basement frame dwelling.
Owner—Northern Supply Co., 251 Kearny St., S. F.
Architect—None. $6000

APARTMENTS
(2122) S SEVENTEENTH 135 E Guerrero. 2-story and basement frame (4) apartments.
Owner—C. O. Clausen, Hearst Bldg., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $8000

FACTORY
(2123) S SIXTEENTH ST. BET. ALABAMA and Florida. 3-story class B factory.
Owner—Lyons Calif. Glace Fruit Co., 535 Folsom St., S. F.
Architect — Bakewell & Brown, 251 Kearny St., S. F.
Contractor — Geo. Wagner, 181 South Park St., S. F. $250,000

FLATS
(2124) S STATE 400 W CASTRO. 2-story and basement frame (2) flats.
Owner—A. Siren, 1061 Stanyan St., S. F.
Architect—None. $4000

DWELLINGS
(2125) NE THIRTY THIRD AVE. AND Irving, and E 33rd Ave. 25 N Irving. Two 2-story and basement frame dwellings.
Owner—F. Nelson & Sons, 2 West Portal Park, S. F.
Architect—None. $4000 each.

DWELLINGS
(2126) E TWENTIETH AVE. 125, 149-6, 174-6 and 199-3 N Kirkham. Four 1-story and basement frame dwellings.
Owner—A. B. Harrison, 1 Montgomery St., Room 603, S. F.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. $3000 each

FLATS
(2127) N DUNCAN 250 W Guerrero. 2-story and basement frame (2) flats.
Owner—A. H. Suderman, 244 Paris St., San Francisco.
Architect—None. $7000

APARTMENTS
(2128) N GEARY 94-6 E 16TH AVE. 3-story and basement frame (4) apartments.
Owner—Oscar Heyman & Brother, 742 Market St., S. F.
Architect—Alvin J. Stern, 742 Market St., S. F. $20,000

FACTORY
(2129) NE HAMPSHIRE AND 18TH Sts. 1-story frame factory.
Owner — The Sartorius Co., 15th and Utah Sts., S. F.
Architect—None. $10,000

FACTORY
(2130) IOWA STREET BET. 23RD and 25th Sts. Steel warehouse and factory.
Owner—Steel Service Co., premises.
Architect—None. $6000

DWELLINGS
(2131) W POTRERO AVE. 79, 104, 129, 154, N 20th. Four 2-story and basement frame dwellings.
Owner—P. H. Lally, 1386 Utah St., S. F.
Architect—None.
Contractor—C. Mitchell, 1384 Utah St., San Francisco. $4500 each.

FLATS
(2132) S TWENTIETH 50 E CHURCH. 2-story and basement frame (2) flats.
Owner—John O'Kane, 3426 16th St., San Francisco.
Architect—John Leed, 17 Dolores St., San Francisco.
Contractor—T. R. Corchoran, 1061 Buchanan St., S. F. $8000

FACTORY
(2133) E HOWARD AND SEVENTH **SE 100 x NE 117. All work except** elevator work for 3-story and **partial basement reinforced concrete** factory and loft bldg.
Owner—I. M., H. E. and S. H. Cowell, 2 Market St., San Francisco.
Architect—Henry H. Meyers, Kohl Bldg San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., S. F.
Filed May 7, 1924. Dated May ,1 1924.
1st of each month 15%
Balance 36 days after $22,037.50
TOTAL COST, $112,150
Bond, $56,075. Sureties, Globe Indemnity Co. Forfeit, $20. Limit, 100 days. Plans and specifications filed.
NOTE—Permit reported May 2, 1924, No. 2024.

(2134) ELEVATOR WORK ON ABOVE
Contractor—San Francisco Elevator Co. [illegible] St., S. F.
[illegible] 1924. Dated May 1, 1924.
Girders in place and elevator machine del. to penthouse.$1180.00
Completed and accepted 586.25
36 days after 588.75
TOTAL COST, $2355
Bond, $1180. Sureties, Globe Indemnity Co. Forfeit, $20. Limit, 100 days. Plans and specifications filed.

BUNGALOW
(2135) E LEE AVE. 350 S Grafton Ave. S 25 E 112-6, Lot 7, Blk. D., Lakeview. All work for 1-story frame bungalow.
Owner—The McCarthy Co., 316 Bush St. San Francisco.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, S. F.
Filed May 7, 1924. Dated Apr. 15, 1924.
30 days after frame up.....25%
30 days after brown coated 25%
30 days after com. & accepted..25%
Usual 35 days thereafter 25%
TOTAL COST, $3000
Bond, sureties, none. Forfeit, $1.00. Limit, 90 days. Plans and specifications filed.

RESIDENCE
(2136) LOT 5. BLK. 5802, ST. MARY'S Park. All work except **painting,** wall paper, light fixtures, furnace and water heater for 1-story and basement frame residence.
Owner—John N. and Annabelle J. Bairauther, 29 Precita, S. F.
Architect—Chas. F. Strothoff, 2274 15th St., S. F.
Contractor—T. W. Varney, 509 Miramar, S. F.
Filed May 7, 1924. Dated Apr. 28, 1924.
Roof on $1993.75
White coated and outside 2nd coat plaster on 1993.75
Completed and accepted 1993.75
Usual 35 days 1993.75
TOTAL COST, $7975.
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

DWELLING, GARAGE
(2137) N WASHINGTON near Cherry. All work for 2-story and basement frame dwelling and garage.
Owner—M. P. Lilienthal, 310 Montgomery St., S. F.
Architect — Henry H. Gutterson, 278 Post St., S. F.
Contractor — Mattock & Feasey, 251 Kearny, S. F.
Filed May 7, 1924. Dated May 5, 1924.
1st of each month 75%
Usual 35 days 25%
Bond, $11,300. Sureties, Clemence B. Feasey and Louis Figeac. Forfeit, $3. Limit, 150 days. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
April 30, 1924—N HARRISON 105 E Eighth. Merton J Price to Wm Martin.....April 30, 1924
April 30, 1924—E TWENTY-THIRD Ave 200 N Balboa N 50xE 120. Louis and Birdie May to Meyer Bros.....April 18, 1924
April 30, 1924—E THIRTY-SEVenth Ave 50 N Anza N 50xE 75. John S Purcell to whom it may concern.....April 30, 1924
April 30, 1924—E HOFFMAN AVE 101-6 N Elizabeth N 25xE 90. Sarah Conlon to Jas F McCarthy .....April 30, 1924
April 30, 1924—SW THIRD 45 SE Stevenson SE 25 SW 95 NW 70 NE 20 SE 45 NE 75. Maurice Bernstein to L M Coggins.....Feb. 25, 1924
April 30, 1924—W PIERCE 56-6 N Fell 26x112-6. P Midbust to whom it may concern.....April 30, 1924

April 30, 1924—W PIERCE 33-6 N Fell 26x112-6. P Midbust to whom it may concern.....April 30, 1924
April 30, 1924—SE BAY & FRANKlin 50x82-6. Strand & Strand to whom it may concern..April 30, 1924
April 30, 1924—W ALABAMA 200 S Precita Ave 25x110. Salvatore Battagha to Axel R Larson and J C Iladik.....April 24, 1924
April 30, 1924—LOTS 34 AND 35 BLK C, Westwood Park. Walter E Hansen to whom it may concern. .....April 25, 1924
April 30, 1924—SW BUSH AND Laevenworth. Francisco Elgorriage to W H Morrison..April 26, '24
April 30, 1924—SW CORDOVA 25 NW Winding Way Ptn Lots 15 and 16 Blk 6450 Crocker Amazon Tt Sub 2, Crocker Estate Co to whom it may concern.....April 22, 1924
April 30, 1924—LOT 14 BLK 3108, Westwood Park. Haus & Esther E Nelson to whom it may concern .....April 28, 1924
April 30, 1924—E TWENTY-FIFTH Ave 75 N Fulton N 23-9xE 82-6. Bryan Feerick to whom it may concern.....—
April 30, 1924—LOTS 8, 9 AND 10 Blk 6452, Crocker Amazon Tract Sub No. 2. Crocker Estate Co to whom it may concern...April 22, '24
April 30, 1924—W WHEELER AVE 228 N Bay Shore Ave N 32xW 100 Ptn Blk 11, Crocker Bay Shore Tr. Crocker Estate Co to whom it may concern.....April 22, 1924
April 30, 1924—W WHEELER AVE 292 N Bay Shore Ave N 32xW 100 Ptn Blk 11, Crocker Bay Shore Tct. Crocker Estate Co to whom it may concern.....April 22, 1924
May 1, 1924 — E GUERRERO 1527 Guerrero. Samuel Barman and Wm. I. Garren to F. Masarie.... .....April 30, 1924
May 1, 1924—LOT 5 BLK. 14, St. Francis Wood Extension No. 1; Lot 4 Blk 14 St. Francis Wood. Westgate Park Co. to Henry F. Papenhausen ..... Apr. 29, 1924

May 1, 1924 — S ROLPH 131.48 W Athens 30 x 77-84. David Olson to whom it may concern..May 1, 1924
May 1, 1924 — E THIRTY-FOURTH Ave. 75 S Lincoln Way S 25 x E 90. Byrd O. Smith to whom it may concern .....May 1, 1924
May 1, 1924—S PINE 172 W Powell W 53 x S 137-6. Margaret Bell to J. J. Bell ..... April 25, 1924
May 1, 1924—N GEARY 66-3 E Divisadero 50 x 137-6. John W. Alderson to whom it may concern ..... April 23, 1924
May 1, 1924—E SCOTT 87-6 S Page 25x106-3. H C Christiansen to whom it may concern. Apr. 30, 1924
May 1, 1924—NW BRUNSWICK 78 SW Guttenberg. Victor Bjorkman to whom it may concern. Apr. 30, 1924
May 3, 1924—PTN LOTS 14 AND 15 Blk 6417, Crocker Amazon Tract Sub 2. Crocker Estate Co to whom it may concern..April 29, 1924
May 3, 1924—LOT 2 BLK 6439, Crocker Amazon Tract. Crocker Estate Co to whom it may concern.....April 29, 1924
May 3, 1924—LOT 5 BLK 16, Crocker Amazon Tract. Crocker Estate Co to whom it may concern.Apr. 29, '24
May 3, 1924—PTN LOTS 17 AND 18 Blk 6417, Crocker Amazon Tract Sub 2. Crocker Estate Co to whom it may concern.....April 29, 1924
May 3, 1924—LOT 15 BLK 6439, Crocker Amazon Tract Sub. 2. Crocker Estate Co to whom it may concern.....April 29, 1924
May 3, 1924—W WHEELER AVE 68 N Bay Shore Ave N 32xW 100 Ptn Blk 11, Crocker Bay Shore Tract. Crocker Estate Co to whom it may concern.....April 29, 1924
May 3, 1924—LOT 8 BLK 9, St. Francis Wood. H C and W J Mangels (as Mangels Bros.) to whom it may concern....May 1, 1924
May 3, 1924—W CORDOVA 125 S Prague S 25 alg W Cordova W 100.44 N 14° 52' 46" W 25.06 E 98.72 to beg being Ptn Blk 6450, Crocker Amazon Tract Sub. 2. Crocker Estate Co to whom it may concern.....April 22, 1924
May 3, 1924 NW FLORIDA AND Sixteenth. San Francisco Society for Prevention of Cruelty to Animals to Farrar & Carlin..Apr. 29, '24
May 3, 1924—W FORTY-FOURTH Ave 275 S Lincoln Way S 25x125. Julius S Heitt to whom it may concern.....May 3, 1924
May 3, 1924—NWW BRUNSWICK 100 N Oliver NW 135xNE 26. A Maguire to John Dahla..Apr. 21, 1924
May 3, 1924—SW COR. SHARON Bldg. on NE Cor. New Montgomery and Jessie. Crane Co to Central Electric Co, April 30; J E O'Mara Co .....April 28, 1924
May 3, 1924—N GEARY 100 W 14th Ave W 27-6xN 100. E Molinari to J G Leibert Co.....May 1, 1924
May 3, 1924—W EIGHTEENTH AVE 200 N Kirkham N 25xW 120. Laura M Dahl to whom it may concern... .....April 30, 1924
May 3, 1924 N WALLER 165 W Shrader WW 27-6xN 85. George Hunseth to whom it may concern.. .....May 3, 1924
May 2, 1924—LOT 25 x 95 ON W side 28th Ave. 50 S of California. Arthur B. Stevens to whom it may concern .....May 2, 1924
May 2, 1924—NW COR. THIRD AVE. and Irving. Arthur H. Klahn to whom it may concern ..May 2, 1924
May 2, 1924—N JUDAH 32-6 E Funston Ave., E 62-6 x N 100. Robert Karmelenski to Meyer Bros., Corp. .....May 1, 1924
May 2, 1924 — W DOLORES 150 S Army 40 S 78 E 15 m or l N S 45 m or l N 43. Inger and Herman Anderson to J. M. Andersen..... .....Apr. 24, 1924
May 2, 1924—SE BROADWAY AND Larkin 35 x 87-6. Harvy C. Warwick to whom it may concern.. .....May 1, 1924
May 2, 1924—NE VAN DYKE AVE 225 SE Keith SE 75x100. Felice Garrappa to whom it may concern .....April 26, 1924
May 2, 1924—N HEARST 250 E Genessee E 50x112-6. Dan E Ulrich to whom it may concern..May 2, 1924
May 5, 1924—NW HOWARD 75 SW Seventh SW 25xNW 90. Evelyn and David H Carlson to Buschke & Brown.....April 30, 1924..
May 5, 1924 — NE CHESTNUT AND Octavia E 75xN 25. Sharboro Detjen & Noonan to whom it may concern.....May 5, 1924
May 5, 1924—LOTS 34 AND 35 BLK C. Mission Terrace. Walter E. Hanson to whom it may concern.. .....May 1, 1924
May 5, 1924—N FRANCISCO 151-9 E Franklin E 27-6x137-6. C H Hoffmeyer to whom it may concern.. .....May 5, 1924
May 5, 1924—SE DIVISADERO AND Clay, 106-3 S 127-8¼ W 25 N 25 W 81-3 N 102-8¼. Sixth Church of Christ Scientist to Chas. Sartorio. ..... May 1, 1924
May 5, 1924—NE MARY AND NAtoma E 40 x 80. Walter M. Willette to John Spargo....May 1, 1924
May 5, 1924—LOT 11 BLK. D, LOT 18 Blk. F, Mission Terrace. Walter E. Hansen to whom it may concern ..... May 2, 1924
May 5, 1924—2315 JACKSON ST. Arrillaga Musical College to V. Filippis ..... May 3, 1924
May 5, 1924—NE ANZA AND SIXTH Ave. N 104 x E 55. La Societe Francaise de Bienfassance Mutuelle to Otis Elevator Co...Apr. 16, '24
May 5, 1924—S GOLDEN GATE AVE. 204 E Arguello Blvd. E 26 x S 137-6 Mary C. Delany o Meyer Bros.... .....April 2, 1924
May 5, 1924—N FLORENTINE 58-5 E Mission. Geo. W. Witbeck to whom it may concern...Apr. 16, 1924
May 7, 1924—N ULLOA 32-6, 61-8, 90-10 W 31st Ave W 29-2x100. Parkside Realty Co. of S. F. to whom it may concern.....May 5, 1924
May 7, 1924—N ULLOA 91-10, 61-8 & 32-6 E 32nd Ave E 29-2x100. Parkside Realty Co. of S. F. to whom it may concern.....May 5, 1924
May 7, 1924 NO. 2518 FILLMORE E side bet. Jackson and Pacific. Fred Collins to Wm R Casselman..... .....May 5, 1924
May 7, 1924—W THIRTIETH AVE 121 S Lincoln Way S 29-6xW 120. Jas A Arnott to Jas Arnott & Son.. .....Mar. 1, 1924
May 7, 1924—SW NINETEENTH & Douglas 31x80. Gerbard F and Mathilda Tershuren to whom it may concern.....May 1, 1924
May 7, 1924—W FILLMORE 80 S Oak S 63-6xW 110. Joseph Pasqualetti to whom it may concern.. .....April 3, 1924
May 7, 1924——S ANZA 71-6 W 41st Ave W 50xS 100. Clarence P Thompson to whom it may concern .....April 29, 1924
May 7, 1924—W PIERCE 100 S McAllister S 37-6xW 137-6. F S Wilbert to F L Hansen.....May 7, 1924
May 7, 1924—N ELLIS 180 W Larkin W 30xN 120. Alexander Coleman to P Sartorio.....May 1, 1924
May 7, 1924——E EUREKA 174 N 19th N 32-6xE 125. John P and Helen Hansen to Frank Valentine .....April 24, 1924
May 7, 1924—LOT 15 BLK 32, Forest Hill Extn. Chas. J. Astruc to E. J. Montgomery .....May 7, 1924
May 7, 1924—N VALLEY 205 E Noe E 25xN 114. Jos Meagher to N F Nilsson .....May 1, 1924
May 7, 1924—E TWENTY-FIFTH AV 20 N Cabrillo N 25xE 90. F Arthur Gawthorne to whom it may concern .....May 6, 1924
May 7, 1924—E NINETEENTH AVE 200 N "K" N 25xE 120. Abbie L Jordan to W E and J Roy Wood.. .....May 6, 1924
May 7, 1924—PTN LOTS 14 AND 15 Blk 6417, Crocker Amazon Tract Sub 2. Crocker Estate Co to whom it may concern.....April 29, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

May 3, 1924—N FULTON bet. 14th & 15th Aves and approx. 80 E of 15th Ave. H Harrison vs S Raskin..$220
May 3, 1924—N FULTON 52-6 E 15th Ave E 25xN 100. White Bros vs S Raskin. C D Perriman, Charles A and Nellie T Rushton.....$153.74
May 2, 1924—SE CLAY AND WALnut E 37-6 x S 102-8¼. R. W. Borden vs. Helena N. Moore..$468.11

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

May 1, 1924—S POST 100 W Broderick W 25 x S 100. Leonard Lumber Co. to John F. and Van H. Kelly and L. R. French. .....
May 1, 1924—W LYON 50 S HAYES S 25 x W 81-3. Leonard Lumber Co. to Anna E. and John P. Ruegg and L. R. French .....
May 1, 1924—N GROVE 215-6 W Franklin W 64 N 68-9 W 27-6 N 68-9 E 91-6 S 137-6. S Mariani & Sons to G Demaestri or Giacomo and Mary Demaestri and E K Nelson $315.25
April 30, 1924—S GREEN 160-5 E Larkin E 22-11xS 77-6. New Balboa Mill Co to Giuseppe Marino and F S Damante .....

BUILDERS BOND

SAN FRANCISCO COUNTY

May 1, 1924 — LOT 21 BLK. 23, ST. Francis Wood Extension No. 2. Garden Homes Co. with Clarence M. Moore, M. P. Madsen. Jens Molgaard, and Harry W. Gaetjen. Bond, $4245.

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BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2410	Parent	Owner	7900
2411	Fontana	Lavison	1800
2412	Hanson	Owner	5000
2413	Silva	Ahnefeld	3900
2414	Carson	Wishart	3700
2415	Alameda Invst	Owner	6000
2416	Mattilo	Owner	6000
2417	Alameda Invst	Owner	6000
2418	Swift	Ahnefeld	3900
2419	Smith	Brown	1000
2420	Rielli	Owner	1000
2421	Landgrebe	Owner	4000
2422	Storm	Owner	1400
2423	Cross	Abrahamson	6840
2424	Allyn	Owner	14000
2425	Barnes	Smith	5500
2426	Childres	Lyon	2818
2427	Owen	Owen	3200
2428	Thomas	Hansford	3500
2429	Pardee	McIntier	9750
2430	Dolan	Marden	1000
2431	Westerlund	Owner	12000
2432	Pardee	McIntier	9000
2433	Gheghone	Webb	7632
2434	Heeseman	Leiter	4650
2435	Heeseman	Otis	6550
2436	MacNeur	Hildebrand	7120
2437	Smith	Paul	5600
2438	King	Hillen	4800
2439	Alaska Pkrs.	Kitchen	147250
2440	Petersen	Owner	2500
2441	Remedi	Owner	2200
2442	Donnelly	Thaxter	9000
2443	Pierce	Emery	1000
2444	Miller	Lewis	8000
2445	Grunewald	Owner	3300
2446	Mickelsen	Adams	——
2447	United	Murch	1048
2448	Alder	Owner	5000
2449	Critchlon	Owner	1500
2450	United	Murch	3950
2451	Campling	Owner	1500
2452	Finkenstedt	Kirkham	3000
2453	Delucchi	Gow	5000
2454	Bland	Owner	3000
2455	Markle	Owner	3800
2456	Morgan	Markle	7600
2457	Encell	Baird	8500
2458	Johnston	Kuba	1000
2459	Wason	Rheberg	3500
2460	Torr	Jensen	5000
2461	Best	Peterson	6000
2462	Asumaa	Owner	6250
2463	Cooper	Owner	4900
2464	East Bay	Hopper	39000
2465	Laughlin	Easterley	4265
2466	Ghiglione	Webb	7632
2467	Merick	King	3000
2468	Reischach	Owner	2800
2469	Duerr	Owner	3000
2470	Rogers	Owner	3500
2471	Hansen	Owner	4000
2472	Parks	Owner	2900
2473	Warren	Warren	3500
2474	Van Fleet	Pickrell	3800
2475	Moe	Owner	5000
2476	S. P. Co.	Catucci	——
2477	McMullin	Bold	4500
2478	Pereira	Bold	9200
2479	Dawson	Webb	4376
2480	Gilmour	Owner	18000
2481	Clarke	Sommarstrom	47000
2482	Allegretti	Stewart	8000
2483	Alum. Cookg.	Parker	97625
2484	Thornton	Stolte	14900
2485	Lee	Altermatt	3000
2486	Bowman	Owner	5000
2487	Barnett	Berkeley	4500
2488	Kenealy	Perry	12000
2489	Goff	Owner	4000
2490	Carlson	Owner	4500
2491	de Normandie	Martin	5000
2492	Latom	Roly	3500
2493	Pollard	Owner	3000
2494	Schomeg	Boeddeker	2250
2495	Young	Owner	2500
2496	Kaelen	Wolfe	4000
2497	Fenton	Peters	10000
2498	Clark	Owner	2500
2499	Fleming	Owner	3000
2500	Stiffler	Anderson	1500
2501	Golden	Leber	1600
2505	Vogal	Fennelley	3750
2503	Miller	Owner	1000
2504	Nelson	Frazier	3400
2505	Murphy	Owner	7500
2506	Ormsley	Cal. Bldrs.	25000
2507	McMullen	Bold	4500
2508	Pereira	Bold	9200
2509	Leighton	Wieland	4000
2510	Seeley	Bowers	8200
2511	Brownlee	Carpenter	4000
2512	Ernst	Owner	3000
2513	Ross	Lambrestch	4000
2514	Tonjes	Meyers	5000
2515	Anderson	Maurice	2600
2516	Edmon	Easterly	4500
2517	De Bello	De Bello	1200
2518	Greene	Constable	6500
2519	Davis	Pearson	——
2520	Dunn	Owner	2800
2521	King	Owner	3000
2522	Drochetz	Peters	2900
2523	Cameron	Owner	9000
2524	Howard	Owner	6500
2525	Jannson	Woodard	2500
2526	Gamma Phi	Tranmal	10500
2527	Garns	Maganini	12400
2528	McCaslin	Marshall	6500
2529	Ala. San.	Vogt	7500

DWELLINGS
(2410) N ADA 385 and 435 W Magee, Berkeley. Two one-story 6-room dwellings.
Owner—R. Parent, 1529 Ada St., Berkeley.
Architect—None. $3950 each

DWELLING
(2411) ALCATRAZ 43 E Essex, Berkeley. One-story dwelling.
Owner—F. Fontana, 1202 Haskel St., Berkeley.
Architect—None.
Contractor—Eugene Lavison, 986 Arlington Ave., Berkeley. $1800

DWELLING
(2412) N AMADOR 150 W Shattuck Ave., Berkeley. One-story 5-room dwelling.
Owner—Hans A. Hanson, 1749 Grove St., Berkeley.
Architect—None. $5000

DWELLING
(2413) E CALIFORNIA 50 N Jaynes, Berkeley. One-story 5-room dwlg.
Owner—W. Silva.
Architect—None.
Contractor — Henry Ahnefeld, 1969 Marine Ave., Berkeley. $3900

DWELLING
(2414) W CALIFORNIA 156 W Lincoln, Berkeley. One-story 5-room dwelling.
Owner — John W. Corsan, 3971 San Pablo Ave., Berkeley.
Architect—None.
Contractor—John Wishart, 1074 62nd St., Oakland. $3700

DWELLINGS
(2415) S CEDAR 86 and 42 E Ninth, Berkeley. Two one-story 4-room dwellings.
Owner—Alameda Invst. Co., Syndicate Bldg., Oakland.
Architect—None. $3000 each

DWELLINGS
(2416) W HEARST AVE 105 and 70 E West, Berkeley. Two one-story 4 and 5-room dwellings.
Owner—John O. Mattilo, 1014 University Ave., Berkeley.
Architect—None. $3000 each

DWELLINGS
(2417) E NINTH 100 S Cedar and SE Cor. Ninth and Cedar, Berkeley. Two one-story 4-room dwellings.
Owner—Alameda Invst. Co., Syndicate Bldg., Oakland.
Architect—None. $3000 each

DWELLINGS
(2418) S PARKER 220 E San Pablo Ave., Berkeley. One-story 5-room dwelling.
Owner—Fred Swift.
Architect—None.
Contractor — Henry Ahnefeld, 1969 Marin Ave., Berkeley. $3900

GARAGE
(2419) NO. 1326 SHATTUCK AVE., Berkeley. Garage.
Owner—Capt. Tom Smith, 1322 Shattuck Ave., Berkeley.
Architect—None.
Contractor—C. A. Brown, 1602 Shattuck Ave., Berkeley. $1000

ALTERATIONS
(2420) 6375 BOND ST., OAKLAND. Alterations.
Owner—A. Riell, Oakland.
Architect—None. $1000

DWELLING
(2421) E EL CENTRO AVE 100 N Elsinora Ave., Oakland. -story & basement dwelling.
Owner—W. W. Landgrebe, 2829 Minna, Oakland.
Architect—None. $4000

ALTERATIONS & ADDITION
(2422) NW COR 40TH & MARKET Sts., Oakland. Alterations and additions.
Owner—F. Storm, Oakland.
Architect—None. $1400

DWELLING
(2423) S HILGIRT CIRCLE 185 E Kenwyn Rd., Oakland. 1-story 8-room two-family dwelling.
Owner—Mrs. C. H. Cross, 4341 Piedmont Ave., Oakland.
Architect—None.
Contractor—R. R. Abrahamson, 41 Yosemite Ave., Oakland. $6840

BRICK GARAGE
(2424) N ISABELLA ST 200 W SAN Pablo, Oakland. 1-story brick garage.
Owner—B. C. & N. S. Allyn, Jr., 316 Lennox Ave., Oakland.
Architect—None.
Contractor—B. C. Allyn, Jr., 316 Lennox Ave., Oakland. $14000

DWELLING & GARAGE
(2425) N E-17TH ST 145 E 27TH AVE, Oakland. 1-story 6-room two-family dwelling and garage.
Owner—J. R. Barnes, E 17th St. and 27th Ave., Oakland.
Architect—None.
Contractor—J. Harry Smith, 1850 Solano St., Berkeley. $5500

DWELLING
(2426) 3441 64TH AVE., OAKLAND. 1-story 5-room dwelling.
Owner—Raymond Childres.
Architect—None.
Contractor—Chas. H. Lyon, 2425 66th Ave., Oakland. $2818

DWELLING
(2427) 3430 67TH AVE., OAKLAND. 1-story 5-room dwelling.
Owner—R. L. Owen, 523 61st St., Oakland.
Architect—None.
Contractor—D. T. Owen, 1732 50th Av., Oakland. $3200

DWELLING
(2428) S E-32ND ST 50 E STUART ST, Oakland. 1-story 5-room dwlg.
Owner—Anna Thomas, 140- E 32nd St., Oakland.
Architect—None.
Contractor—Hansford & Atkinson, 1727 Broadway, Alameda. $3500

APTS & GARAGE
(2429) N 31ST ST 140 W TELEGRAPH Oakland. 1-story 12-room apts. and garage.
Owner—Bertha E. Pardee, 1528 Franklin St., Oakland.
Architect—None.
Contractor — H. W. McIntier, 1528 Franklin, Oakland. $9750

ADDITION
(2430) NE COR 22ND AVE & E 12TH St., Oakland. Addition.
Owner—P. A. Dolan, 2149 E 14th St., Oakland.
Architect—None.
Contractor—G. Marden, 2523 Grove St., Oakland. $1000

APARTMENTS
(2431) SW COR 27TH AVE E 16TH St., Oakland. 2-story 16-room apartments.
Owner—John Westerlund, 2643 E 16th St., Oakland.
Architect—None. $12000

DWELLING
E EDITH 300 N MORAGA RD., Oakland. 1-story 5-room dwelling.
Owner—Hattie M. Perry, 599 38th St., Oakland.
Architect—None.
Contractor—G. A. Scott, 685 23rd St., Oakland. $4800
NOTE—Recorded contract reported May 1, 1924, No. 2409.

APARTMENTS
(2432) W 40 FT. LOT 44, BLK. 2036 Map of Rowland Tract, Oakland. All work for 2-story frame apt. bldg. and 4 garages.
Owner—Geo. W. Pardee and Bertha E. Pardee, 582 29th St., Oakland.
Architect—None.
Consulting Engineer—W. F. Boardman.
Contractor — H. W. McIntier, 1528 Franklin, Oakland.
Filed —— Dated ——
Frame erected .....¼
1 coat plaster .....¼

Carpenter work complete .....¼
Building completed .....¼
TOTAL COST, $9000
Bond, sureties, forfeit, none. Limit, 120 working days from May 1, 1924. Plans and specifications not filed.

STORAGE BLDG.
(2433) N SIDE SECOND ST. BET. Broadway and Franklin Sts., Oakland. All work for storage bldg.
Owner—G. B. Ghegllone, San Leandro.
Architect—None.
Contractor — Webb & Whalen, 2930 22nd Ave., Oakland.
Filed Apr. 30, 1924. Dated Apr. 25, 1924.
Brickwork, ceiling joist high....¼
Roof on .....¼
Completed .....¼
Usual 35 days .....¼
TOTAL COST, $7632.
Bond, sureties, none. Forfeit, $10 per day. Limit, 60 working days after April 28, 1924. Plans and specifications filed.

ENCAVATING, ETC.
(2434) NW COR. THIRTEENTH AND Clay Sts., N 150 W 100 S 60 W 50 S 100 E 150, Oakland. All work, excavating, concrete, iron, carpenter, mill, plastering, tin and galvanize iron, elevator doors, roofing, painting, and electric.
Owner—C. J. Heesman, 15th and Washington, Oakland.
Architect—Henry H. Meyers, Kohl Bldg., S. F.
Contractor—E. T. and George L. Leiter, (E. T. Leiter & Son), 3601 West St., Oakland.
Filed May 1, 1924. Dated Apr. 16, 1924.
1st day each month 25%
36 days after com & accepted..25%
TOTAL COST, $4650
Bond, $2325. Sureties, Globe Indemnity Co. Forfeit, $20.00. Limit, 60 days. Plans and specifications filed.
NOTE—Permit reported Jan. 8, 1924, No. 85.

ELEVATORS
(2435) NW COR. THIRTEENTH AND Clay Sts., N 150 W 100 S 60 W 50 S 100 E 150, Oakland. All work for elevators.
Owner—C. J. Heeseman, 15th & Washington, Oakland.
Architect — Henry H. Meyers, Kohl Bldg., S. F.
Contractor—Otis Elevator Co., S. F.
Filed May 1, 1924. Dated Apr. 16, 1924.
1st day each month 75%
36 days after com. & accepted..25%
TOTAL COST, $6550
Bond, sureties, none. Forfeit, $20 per day. Limit, 60 days. Plans and specifications not filed.
NOTE—Permit reported Jan. 8, 1924, No. 85.

(2436) PT. 69.93 SW FROM NE COR. Lot 22, Blk. 1, Fourth Ave. Hgts. NW 75 SW 110 SE 75 SW 110, Oakland.
Owner—Robert MacNeur, Jr., 3042 23rd Ave., Oakland.
Architect—Edw. T. Foulkes.
Contractor — C. G. Hildebrand, 1700 Fremont Way, Oakland.
Filed May 1, 1924. Dated Apr. 29, 1924.
Roof sheathed .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $7120.
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

STORES, APTS.
(2437) SE LINCOLN AVE AND SW Scenic Ave. SE 40 SW 75, Oakland. All work for 2-story stores and apartments.
Owner—A. G. Smith, Vallejo.
Architect—None.
Contractor—B. M. Paul, 945 Hilldale, Berkeley.
Filed May 1, 1924. Dated Apr. 28, 1924.
Plumbing roughed in $1400
Building completed 1400
Completed and accepted 1400
Usual 35 days 1400
TOTAL COST, $5600
Bond, sureties, none. Forfeit, $5.00 per day. Limit, 100 days. Plans and specifications filed.

DWELLING
(2438) NE COURT COLLEGE COURT 292-19 NW Seminary Ave., NW 55 SW 89-99 SE 15 SE 40 NE 89-97, Oakland. All work for 1-story dwelling.
Owner—Willard W. and Birdie F. King
Architect—None.
Contractor—R. C. Hillen, 5364 Trask, Oakland.
Filed May 1, 1924. Dated Apr. 28, 1924.
Two deeds of trust for $4800 at 7%, paymt. $50 per month.
TOTAL COST, $4800
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

WHARVES, ETC.
(2439) E ALASKA BASIN, Alameda. Wharves, bldg. foundations.
Owner — Alaska Packers Association, ft. of Paru, Alameda.
Architect—None.
Contractor—A. W. Kitchen, La Salle & Indian, Oakland.
Filed May 1, 1924. Dated Apr. 7, 1924.
Monthly 85%
Usual 35 days 15%
TOTAL COST — Wharves and bldg. foundation, $147,250; excavating & trimming, 49c per cubic yd.; floor slabs, $145 each.
Bond, $75,340. Sureties, Globe Indemnity Co. Forfeit, none. Limit, 180 days. Specifications filed. Plans not filed.

(2440) N CHANNING 40 W Browning, Berkeley. 1-story 4-room dwelling.
Owner—Godfrey Petersen, 1217 Channing Way, Berkeley.
Architect—None. $2500

DWELLING
(2441) 1347 KAINS, Berkeley. 1-story 4-room dwelling.
Owner—Frank Remedi, 807 Delaware, Berkeley.
Architect—None. $2200

DWELLING
(2442) 2832 PRINCE ST., Berkeley. 2-story 10-room dwelling.
Owner—Carrie E. Donnelly, 2729 Stuart St., Berkeley.
Architect—C. L. Schmidt, 2524 Milvia, Berkeley.
Contractor—F. W. Thaxter, 86 El Camino Real, Berkeley. $9000

ADDITION
(2443) 2531 RIDGE ROAD, Berkeley. Addition.
Owner—J. M. Pierce, Cloyne Court, Berkeley.
Architect—None.
Contractor—J. W. Emery, 2924 Shattuck, Berkeley. $1000

APARTMENTS
(2444) 2309 VIRGINIA, Berkeley. 2-stry 9-room apartments.
Owner—N. M. Miller, 1569 Spruce, Berkeley.
Architect—None.
Contractor—C. C. Lewis, 2239 Cedar St. Berkeley. $8000

DWELLING
(2445) 2739 WALLACE, Berkeley. 1-story 6-room dwelling.
Owner—F. Grunewald, 5358 Bryant Ave Oakland.
Architect—None. $3300

ALTERATIONS
(2445) 1025 BROADWAY, Oakland. Alterations.
Owner—United Cigar Stores, 2007 Shattuck, Berkeley.
Architect—None.
Contractor—Murch Williams Constr. Co Fox Bldg., Oakland. $1048

DWELLING
(2446) W BELLAIRE PLACE 250 W Fruitvale, Oakland. 1-story 5-room dwelling.
Owner—J. R. Mickelsen, 202 Lakeshore Blvd., Oakland.
Architect—None.
Contractor—E. H. Adams, 2840 23rd Ave., Oakland. $4900

DWELLINGS
(2448) W CANON ST. 340 N Hopkins; W CANON ST. 300 N Hopkins, Oakland. Two 1-story 5-rm dwellings.
Owner—Alder & Clark, 2907 Florida St Oakland.
Architect—None. $4000 each

DWELLING
(2449) W EIGHTY-SECOND AVE. 150 N Ney Ave., Oakland. 1-story 3-room dwelling.
Owner—Roy N. Critchlon, 1612 86th Ave., Oakland.
Architect—None. $1500

ALTERATIONS
(2450) S WCORNER ELEVENTH & Broadway, Oakland. Alterations.
Owner—United Cigar Stores, 2007 Shattuck, Berkeley.
Architect—None.
Contractor—Murch Williams Const. Co. Fox Bldg., Oakland. $3955

DWELLING
(2451) S FIFTY-SIXTH ST. 100 E Lowell, Oakland. 1-story 4-room dwelling.
Owner—Frank Campling, 945 56th St., Oakland.
Architect—None. $1500

DWELLING
(2452) E FOREST HILL AVE. 400 N Whittle Ave., Oakland. 1-story 6-room dwelling.
Owner—Mrs. Annie Finkenstedt, 1026 Jackson St., San Francisco.
Architect—None.
Contractor—A. R. Kirkham, 3906 Forest Hill Ave., Oakland. $3000

DWELLING
(2453) S FORTY-SIXTH ST. 300 W Telegraph, Oakland. 1-story 8-room 2-family dwelling.
Owner—P. Delucchi, 1402 17th, Oakland.
Architect—None.
Contractor — Andrew B. Cow, 5668 Ayala St., Oakland. $5000

ALTERATIONS
(2454) 7400 E-FOURTEENTH ST., Oakland. Alterations.
Owner—S. Bland, 239 E-16th St., Oakland.
Architect—None. $3000

DWELLING
(2455) E HAVENSCOURT BLVD 235 N Avenal, Oakland. 1-story 5-room dwelling.
Owner—Jos. Markle, 591 12th St., Oakland.
Architect—None. $3800

DWELLING
(2456) W HAVENSCOURT BLVD. 404 444 N Flora, Oakland. Two 1-story 5-room dwellings.
Owner—J. R. Morgan, 3151 Eton St., Oakland.
Architect—None.
Contractor—Jos. Markle, 591 12th St., Oakland. $3800 each

DWELLING
(2457) N HILGIRT CIRCLE 47 E Kenyon Rd., Oakland. 2-story 7-room dwelling.
Owner—Harry A. Encell, 825 E-24th St., Oakland.
Architect—None.
Contractor—Leroy M. Baird, 1031 Bay View Ave., Oakland. $8500

DWELLING
(2458) W FOREST HILL RD. between Whittle and Tiffin, Oakland. 1-sto. 3-room dwelling.
Owner—H. W. Johnston, 3955 Whittle Ave., Oakland.
Architect—None.
Contractor—Al Kuba, 3955 Whittle Ave Oakland. $1000

DWELLING
(2459) N HOPKINS 42 W Peralta Ave Oakland. 1-story 5-room tile dwlg.
Owner—A. S. Watson, 2740 Hopkins, Oakland.
Architect—None.
Contractor—C. J. Rheberg, 2831 Montana, Oakland. $3500

DWELLING
(2460) E NINTH AVE 500 S E-28th St Oakland. 1-story 5-room dwelling.
Owner—R. O. Torr, 1154 Bay View Ave. Oakland.
Architect—None.
Contractor—Jensen & Pedersen, 3443 Adeline St., Oakland. $5000

SHOP
(2461) FOOT ONE HUNDRED FIFTH Ave., Oakland. 1-story frame and corru. iron pattern shop.
Owner—Best Steel Casting Co., prem.
Architect—None.
Contractor—Geo. Peterson, 351 12th St. Oakland. $6000

DWELLING
(2462) W PRESSLEY AVE. 135 S Chabot Rd., Oakland. 1-story 7-room dwelling.
Owner—Leonard Asumaa 6518 Whitney St., Oakland.
Architect—None. $6250

DWELLING
(2463) E PRESSLEY WAY 80 N Shafter, Oakland. 1-story 6-room dwelling.
Owner—Marie Cooper, 1175 30th St., Oakland.
Architect—A. W. Smith, Amer. Bank Bldg., Oakland. $4900

CREAMERY
(2464) 2751 SAN PABLO AVE., Oakland. 2-story brick creamery.
Owner—East Bay Milk Producers, 2941 Broadway, Oakland.
Architect—None.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland. $39000

DWELLING
(2465) 815 SANTA RAY, Oakland. 1-story 5-room dwelling.
Owner—J. Laughlin.
Architect—None.
Contractor—John T. Easterley, 2137 Tiffin Rd., Oakland. $4265

STORE
(2466) N 2ND ST 125 W FRANKLIN, Oakland. 1-story brick store.
Owner—G. B. Ghiglione.
Architect—None.
Contractor—Webb & Whalin, 2930 22nd Ave., Oakland. $7632

DWELLING
(2467) W 74TH AVE 1000 N E-14TH St., Oakland. 1-story 5-room dwlg.
Owner—H. J. Merrick, 5212 E-14th St., Oakland.
Architect—None.
Contractor—J. B. King, 5212 E-14th St., Oakland. $3000

DWELLING
(2468) W 60TH AVE 40 S BRAUN St., Oakland. 1-story 4-room dwlg.
Owner—Chas. E. Reisebach, 1610 Central Ave., Alameda.
Architect—None. $2800

DWELLING
(2469) 2422 68TH AVE., OAKLAND. 1-story 5-room dwelling.
Owner—F. C. Duerr, 3933 Maple Ave., Oakland.
Architect—None. $3000

DWELLING
(2470) 1806 68TH AVE., OAKLAND. 1-story 5-room dwelling.
Owner—C. A. Rogers, 240 Wayne Ave., Oakland.
Architect—None. $3500

DWELLING
(2471) E 65TH AVE 40 N ARTHUR Oakland. 1-story 5-room dwlg.
Owner—K. F. Hansen, 1950 E-20th St., Oakland.
Architect—None. $4000

DWELLING
(2472) NE 62ND AVE & MONADNOCK Way, Oakland. 1-story 5-room dwelling.
Owner—D. W. Parks, 2536 63rd Ave., Oakland.
Architect—None. $2900

DWELLING
(2473) N SUNSET AVE 45 S BONA, Oakland. 1-story 5-room dwlg.
Owner—G. R. Warren, 2802 Fruitvale Ave., Oakland.
Architect—None.
Contractor—W. H. Warren, 2802 Fruitvale Ave., Oakland. $3500

DWELLING
(2474) N THERMAL AVE 200 E 90TH Ave., Oakland. 1-story 5-room dwelling.
Owner—Mrs. B. E. Van Fleet.
Architect—None.
Contractor—J. H. Pickrell, 696 Nevada St., Oakland. $3800

DWELLING
(2475) 1054 UNDERHILL RD., Oakland. 1-story 6-room dwelling.
Owner—Samuel Moe, 4001 Woodruff Ave., Oakland.
Architect—None. $5000

ROADBED
(2476) NEAR CHEVROLET STATION Oakland. Construct roadbed.
Owner—S. P. Co., Oakland.
Architect—None.
Contractor—J. Calueci, 1212 18th Ave., Oakland.
Filed May 2, 1924. Dated Apr. 14, 1924.
Each month 75%
Usual 35 days 25%
TOTAL COST, 65 cents per cubic yd.
Bond, $3250. Sureties, Fidelity & Casualty Co. Forfeit, none. Limit, 60 days. Plans and specifications not filed.

DWELLING
(2477) W THIRTY-FOURTH AVE. 185 N E-16th St., 36-4 x 120, Oaklnd. All work for 1-story 5-room dwlg.
Owner—Hannah McMullin, —, Oakland.
Architect—None.
Contractor—P. J. Bold, 1657 35th Ave., Oakland.
Filed May 2, 1924. Dated Apr. 25, 1924.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $4500
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

DWELLINGS
(2478) W THIRTY-THIRD AVE 42 S E-16th St., 72 x 120, Oakland. All work for 1-story 5-room dwlg. and 1-story 6-room dwlg.
Owner—Amelia Pereira, 3843 Woodruff, Oakland.
Architect—None.
Contractor—P. J. Bold, 1657 35th Ave., Oakland.
Filed May 2, 1924. Dated Apr. 22, 1924.
Frames up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $9200
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

ALTERATIONS
(2479) 472 WILDWOOD AVE., Piedmont. Alterations and addition to 2-story dwelling.
Owner—H. Ward Dawson, prem.
Architect—Albert Farr, 2083 Oakland Ave., Oakland.
Contractor—Webb & Whalin, 2930 22nd Ave., Oakland.
Filed May 2, 1924. Dated May 1, 1924.
12th & 27th day each month ..75%
Usual 35 days 25%
TOTAL COST, $4376
Bond, sureties, forfeit, none. Limit, 120 days. Plans and specifications not filed.

ALTERATIONS
(2480) NO. 1621 BROADWAY, Oakland. Alterations.
Owner—W. M. Gilmour, 801 Oakland Bank Bldg., Oakland.
Architect—Reed & Corlett. $18,000

APARTMENTS
(2481) N FIFTEENTH 100 E Jackson Oakland. Three-story 48-room brick apartments.
Owner—W. I. Clarke.
Architect—None.
Contractor—Sommarstrom Bros., 1536 Franklin, St., Oakland. $47,000

DWELLING
(2482) W THIRTY-FIFTH AVE 66 S Salisbury, Oakland. One-story 9-room stores and dwelling.
Owner—J. C. Allegretti, 2145 35th Ave. Oakland.
Architect—None.
Contractor—S. L. Stewart, 42nd and Grove Sts., Oakland. $8000

FACTORY
(2483) BOUNDED ON N BY FORTY-sixth St., on E by Linden St., on S by 45th and W by Adeline St., Emeryville. All work for two-story reinforced concrete factory.
Owner — Aluminum Cooking Utensil Co.
Architect—None.
Contractor—K. E. Parker Co., S. F.
Filed May 3, '24. Dated May 2, '24.
On 10th of each month..... 85%
Completed 15%
TOTAL COST, $89,125 and fee of $8500
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING
(2484) N LAFAYETTE AVE near Muir Ave being Ptn Plot 41, Crocker Terrace, Piedmont. All work for two-story and basement frame dwelling.
Owner—H. A. Thornton, 429 Staten Ave., Piedmont.
Architect—Sidney B. and Noble Newsom, 680 Yosemite Rd., Berkeley.
Contractor F. C. Stolte, 3455 Laguna St., Oakland.
Filed May 3, '24. Dated Apr. 29, '24.
Frame up ..... ¼
Brown coated ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $4900
Bond, $4750. Sureties, Lewis A. Osborn and Geo. A. Hedberg. Limit, without delay. Forfeit, $5. Plans and specifications filed.

DWELLING
(2485) 2310 CEDAR ST., Berkeley. 1-story 3-room dwelling.
Owner—Mrs. Grace Lee, Scenic Ave., Berkeley.
Architect—None.
Contractor—J. F. Altermatt, 1911 Walnut, Berkeley. $3000

FLATS
(2486) 2204-6 CHANNING, Berkeley. 2-story 8-room flats.
Owner—Alfred J. Bowman, 2401 Fulton, Berkeley.
Architect—None. $5000

DWELLING
(2487) 652 COLUSA, Berkeley. 1-story 6-room dwelling.
Owner—M. Barnett, 648 Colusa, Berkeley.
Architect—None.
Contractor—Berkeley Building Co 2029 Shattuck Ave., Berkeley. $4500

APARTMENTS
(2488) 1624 EUCLID, Berkeley. 2-sto. 16-room apartments.
Owner—W. T. Knealy.
Architect—Harvey Slocombe.
Contractor—J. Floyd Perry, 376 Santa Clara Ave., Berkeley. $12,000

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY
(THE SAN FRANCISCO BANK)
SAVINGS COMMERCIAL
INCORPORATED FEBRUARY 10th, 1868.
One of the Oldest Banks In California, the Assets of which have never been increased by mergers or consolidations with other Banks.
Member Associated Savings Banks of San Francisco
526 California Street, San Francisco, Cal.
DECEMBER 31st, 1923
Assets..... $89,174,468.57
Capital, Reserve and Contingent Funds..... 3,850,000.00
Employees' Pension Fund..... 430,275.37
MISSION BRANCH.....Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....Haight and Belvedere Streets
WEST PORTAL BRANCH.....West Portal Ave. and Ulloa St.
Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

DWELLING
(2489) 936 FRESNO, Berkeley. 1-sto. 5-room dwelling.
Owner—W. G. Goff, 1625 Tacoma Ave., Berkeley.
Architect—None. $4000

DWELLING
(2490) 1438 GRANT ST., Berkeley. 1-story 6-room dwelling.
Owner—F. O. Carlson, 1811 Grove St., Berkeley.

DWELLING
Architect—None. $4500
(2491) 630 SAN MIGUEL, Berkeley. 1-story 7-room dwelling.
Owner — Harold de Normandie, 1136 Sutter St., Berkeley.
Architect—None.
Contractor—Roy V. Martin, 1616 25th Ave., Berkeley. $5000

DWELLING
(2492) 2210 SPAULDING, Berkeley. 1-story 5-room dwelling.
Owner—I. H. Latom, 2074 Allston, Berkeley.
Architect—None.
Contractor — D. B. Roby & Son., 2428 Jefferson, Berkeley. $3500

DWELLING
(2493) S DAKOTA ST. 200 E Maple, Berkeley. 1-story 5-room dwelling.
Owner—Arthur Pollard, 3228 Davis St., Oakland.
Architect—None. $3000

DWELLING
(2494) W EIGHTIETH AVE. 140 S Blanch, Oakland .1-story 4-room dwelling.
Owner—A. Schomig, 1265 47th Ave., Oakland.
Architect—None.
Contractor—Joe Boeddeker, 1814 34th Ave., Oakland. $2250

DWELLING
(2495) E EIGHTY-FIFTH AVE. 200 N Birch, Oakland. 1-story 4-room dwelling.
Owner—John Young, Hayward.
Architect—None. $2500

DWELLING
(2496) W FIFTY-FIFTH AVE. 125 S Roberts, Oakland. 1-story 6-room dwelling.
Owner—Jos. R. Kaelen, 1933 5th Ave., Oakland.
Architect—None.
Contractor—Wm. Wolfe, 128 13th St., Oakland. $4000

STORES
(2497) N FOOTHILL BLVD. 316 W Seminary Ave., Oakland. 1-story brick stores.
Owner—C. H. Fenton.
Architect—None.
Contractor — Fred W. Peters, 184 Ridgeway Ave., Oakland. $10,000

DWELLING
(2498) S EIGHTY-FIRST AVE. 50 E Hillmont. 1-story 4-room dwlg.
Owner—S. C. Clark, 3518½ Adeline, Oakland. $2500
Architect—None.

STORE
(2499) N HOPKINS ST., 180 W Maple Ave., Oakland. 1-story store.
Owner—J. and A. Fleming, 4221 Hopkins St., S. F. $3000
Architect—None.

DWELLING
(2500) W MAYBELLE 37 S PORTER, Oakland 1-story 3-room dwlg.
Owner—J. C. Stiffler, 2936 Schuyler St., Oakland.
Architect—None.
Contractor—A. A. Anderson, 1142 Bay View Ave., Oakland. $1500

ALTERATIONS
(2501) 2438 PALMETTO ST., Oakland. Alterations and addition.
Owner—Mrs. M. A. Golden, prem.
Architect—None.
Contractor—Chas. Leber, 3030 Champion St., Oakland. $1600

DWELLING
(2502) 2942 RAWSON AVE., Oakland. 1-story 5-room dwelling.
Owner—Miss Vogal, 1015 Washington St., Oakland.
Architect—None.
Contractor—J. D. Fennelley, 2910 E-22nd St., Oakland. $3750

DWELLING
(2503) 9812 SCOTT ST., Oakland. 1-story 3-room dwelling.
Owner—Geo. E. Miller, premises.
Architect—None. $1000

DWELLING
(2504) W SIXTY-EIGHTH AVE. 485 S Beck, Oakland. 1-story 5-room dwelling.
Owner—Mary E. Nelson, 734 9th St., Oakland.
Architect—None.
Contractor—J. V. Frazier, 2324 Peralta Ave., Oakland. $3400

DWELLINGS
(2505) 2507 AND 2515 SIXTY-EIGHTH Ave., Oakland. Two 1-story dwlgs.
Owner—J. E. Murphy, 1916 Franklin St. Oakland.
Architect—None. $3750 each.

APARTMENTS
(2506) E TERRACE ST. 50 AND 80 S Mather, Oakland. Two 2-story 16 rooms, apartments and 2 garages.
Owner—E. L. Ormsley.
Architect—None.
Contractor—Cal. Builders Co., 1636 Franklin St., Oakland. $12,000 each. Garages $500 each.

DWELLING
(2507) 1627 THIRTY-FOURTH AVE., Oakland. 1-story 5-roo mdwlg.
Owner—Mrs. Hannah McMullin, 4994 Broadway, Oakland.
Architect—None.
Contractor—P. J. Bold, 1657 35th Ave., Oakland. $4500

DWELLINGS
(2508) 1571, 1565 THIRTY-THIRD Ave., Oakland. Two 1-story 5-room dwlgs.
Owner—Miss Amelia Pereira, 1553 5th St., Oakland.
Architect—None.
Contractor—P. J. Bold. $4300 & $4900

ALTERATIONS
(2509) 465 TWELFTH ST., Oakland. Alterations.
Owner—Leighton Industriees.
Architect—None.
Contractor—C. F. Wieland, 703 Market St., S. F. $4000

DWELLING
(2510) E WARFIELD AVE. 120 W Prince, Oakland. 2-story 7-room dwelling.
Owner—Marion B. and Frank H. Seeley, 3234 Park Blvd., Oakland.
Architect—None.
Contractor—F. P. Bowers & Son, 1811 Addison St., Berkeley. $8200

DWELLING
(2511) NO. 1840 THOUSAND OAKS, Berkeley. One-story 5-room dwlg.
Owner—Mrs. Ella H. Brownlee, 2642 Ellsworth St., Berkeley.
Architect—None.
Contractor — E. E. Carpenter, 2507 Channing Way, Berkeley. $4000

DWELLING
(2512) E ALVARADO RD., NO. 624, Oakland. 1-story 3-room dwlg.
Owner—F. C. Ernst, 211 40th St., Oakland.
Architect—None. $3000

DWLG., STORE
(2513) N FOOTHILL BLVD. 280 W 90th Ave., Oakland. 1-story 5-rm. dwlg. and store.
Owner—Phillip Ross.
Architect—None.
Contractor — Virge Lambustch, 9401 Scott St., Oakland. $4000

STORES
(2514) S FOOTHILL BLVD. 50 W 48th Ave., Oakland. 1-story 2-room stores.
Owner — A. Tonjes, 4406 Virginia St., Oakland.
Architect—None.
Contractor—W. J. Myers, 3214 High St., Oakland. $5000

ALTERATIONS
(2515) 290 GRAND AVE., Oakland. Alterations and addition.
Owner—Mrs. Ida G. Anderson, 435 Lee St., Oakland.
Architect—None.
Contractor—F. W. Maurice, 505 E-22nd St., Oakland. $2600

DWELLING
(2516) W LAGUNA AVE. 170 N Hopkins, Oakland. 1-story 6-room dwelling.
Owner—Milton Edmon.
Architect—None.
Contractor—John J. Easterly, 2137 Tiffin Road, Oakland. $4500

STORE
(2517) NE COR. 90TH AVE. AND Almond, Oakland. 1-story store.
Owner—Mrs. J. De Bello, 2215 92nd Ave., Oakland.
Architect—None.
Contractor——Albert De Bello. $1200

ALTERATIONS
(2518) 3001 PARK BLVD., Oakland. Alterations.
Owner—Mrs. J. W. Greene, 2901 Park Blvd., Oakland.
Architect—None.
Contractor — W. C. Constable, 3308 School St., Oakland. $6500

DWELLING
(2519) N ROCKRIDGE BLVD. 500 E Broadway. 2-story 9-room dwlg.
Owner—A. E. Davis, 1327 Grove St., Berkeley.
Architect—None.
Contractor—G. A. Pearson, 1744 Oak View Ave., Oakland. $7500

DWELLING
(2520) W 60TH AVE. 120 S BRANN, Oakland. 1-story 4-room dwlg.
Owner—J. R. Dunn, Syndicate Bldg., Oakland.
Architect—None. $2800

DWELLING
(2521) SE COR. SIXTH AVE. AND Trenor St., Oakland.
Owner — E. A. King, 2920 Abbey St., Oakland.
Architect—None. $3000

DWELLING
(2522) 3541 SUTTER STREET, Oakland. 1-story 4-room dwlg.
Owner—B. Drochetz, 909 Washington Oakland.
Architect—None.
Contractor—L. A. Peters, 3485 Davis St., Oakland. $2900

DWELLINGS
(2523) 3039, 3015, 3009 TEXAS ST., Oakland. Three 1-story 5-room dwellings.
Owner—H. C. Cameron, 5619 Dover St., Oakland.
Architect—None. $3000 each.

DWELLING
(2524) S E-31ST ST. 375 E 14TH AVE., Oakland. 1-story 8-room 2-family dwelling.
Owner—Chas. Howard. 1555 E-31st St., Oakland.
Architect—None. $6500

DWELLING
(2525) W WESLEY AVE. 200 N Brooklyn, Oakland. 1-story -3room dwlg
Owner—P. M. Jannson, 515 Wesley Ave Oakland.
Architect—None.
Contractor—E. W. Woodard, 435 Merrit Ave., Oakland. $2500

ALTERATIONS
(2526) 2732 CHANNING WAY, Berkeley. All wor for alterations.
Owner—Gamma Phi Beta Hall Association, Inc., 2732 Channing Way, Berkeley.
Architect—Henry H. Gutterson. 2922 Garber, Berkeley.
Contractor—E. Tranmal & C. O. Bradhoff, (Tranmal & Bradhoff), 483 Crescent St., Oakland.
Filed May 7, 1924. Dated May 3, 1924.
1st day each month 75%
Usual 35 days 25%
TOTAL COST, $10,500
Bond, sureties, none. Forfeit, $5.00 per day. Limit, August 1, 1924. Plans and specifications filed.

STORES, FLATS
(2527) SE COR. FAIRFAX AVE AND Foothill Blvd., Oakland. All work for 2-story frame stores and flats.
Owner—Mrs. Jessie Garns.
Architect—None.
Contractor—J. F. Maganini, 603 36th St., Oakland.
Filed May 7, 1924. Dated May 6, 1924.
Frame up .....¼
Plastered .....¼

Completed .....¼
Usual 35 days .....¼
TOTAL COST, $12,400
Bond, sureties, forfeit, none. Limit, 90 days after May 12, 1924. Plans and specifications filed.

DWELLING, GARAGE
(2528) E PARK BLVD. NEAR HOLLYWOOD Ave., Oakland. All work for 1-story dwelling and garage.
Owner—Mrs. Florra McCaslin, 715 Hillgirt, Oakland.
Architect—None.
Contractor—Alex F. Marshall Co., 1424 Franklin, Oakland.
Filed May 7, 1924. Dated Apr. 25, 1924.
Frame up .....¼
Brown coated .....¼
Completed .....¼
Usual 35 days .....¼
TOTAL COST, $6500
Bond, $3250. Sureties, Globe Indemnity Co. Forfeit, none. Limit, 90 days after April 21, 1924. Plans and specifications filed.

SEA WALLS
(2529) SW COR. WILLOW ST. AND Clinton Ave., Alameda. All work for sea walls.
Owner—Alameda Sanatarium on South Shore, premises.
Architect—Edw. T. Foulkes, 357 12th Oakland.
Contractor—Alfred H. Vogt, 185 Stevenson St., S. F.
Filed May 7, 1924. Dated May 2, 1924. All bills paid monthly.
TOTAL COST—Not over $7500; contractor gets $300.
Bond, sureties, forfeit, none. Limit, 50 days. Plans and specifications filed.

OAKLAND BUILDING TOTALS

T. W. Ryan, city building inspector of Oakland, reports the issuance of 972 permits during the month of April, 1924, for new construction and 164 permits for alterations and repairs, the former representing an expenditure of $2,287,059 and the latter $170,543, making the total for the month $2,457,592. Following is a complete report of the April activities:

Classification of Buildings	No. of Permits	Cost
1-st dwellings.....	335	$1,059,796
1-st 2-family dwlgs....	12	72,400
1-st dwelling & store..	4	12,500
1½-st dwellings.....	3	15,000
2-st dwellings.....	15	114,800
2-st flats.....	7	55,200
2-st apartments.....	22	287,935
2-st apmnts & stores...	1	13,100
3-st apartments.....	2	65,000
3-st apmnts. & stores..	1	30,000
1-st stores	6	24,700
1-st shop.....	2	1,000
1-st factory.....	3	8,900
1-st office	3	850
1-st brick stores.....	4	32,150
1-st brick shed.....	1	3,000
1-st brick warehouse...	2	39,200
1-st brick engine house	1	9,978
1st brick garage.....	2	27,600
2-st brick stable.....	1	12,000
1-st brick & tile garage	1	14,614
1-st concrete vaults....	2	9,020
1-st concrete garage...	2	4,400
3-st concrete hotel.....	1	23,000
3-st concrete apmnts...	1	55,000
1-st conc.&brk add'n...	1	55,000
1-st conc. & tile garage	1	20,000
1-st tile garage.....	5	3,650
1-st tile shop.....	1	1,500
1-st tile factory.....	1	8,750
2-st tile Store&garage.	1	30,000
1-st tile dwelling.....	1	3,500
1-st garages & sheds...	310	71,229
Electric signs.....	47	14,959
Billboards	54	1,195
Marquee	1	225
Addltions	115	90,798
Alterations & repairs...	164	170,543
Total 1136		$2,457,592

SUMMARY

New construction.....	972	$2,287,059
Alterations & repairs...	164	170,543
Total 1136		$2,457,592

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted

April 30, 1924—LOT 231 AND 37 Lot 232 Blk 536 Map Fourth Ave Terrace Extn. No. 4188 Park Blvd., Oakland. W E McChesney to whom it may concern.....April 30, 1924

April 30, 1924—LOT 7 E 12½ LOT 8 F Map Resdvn Blk A, B, C, D, E and F Map No. 3, Wofskill Tract, Oakland. Myson Beufer to whom it may concern.....April 30, 1924

April 29, 1924—LOT 12 BLK J, Amended Map No. 2, Berkeley Park being ptn of Lot 2 of final partition of the San Pablo Rancho, Contra Costa Co. Gustaf A Pearson to whom it may concern.....March 30, 1924

April 1, 1924 1340 MAGEE AVE., Berkeley. Harold de Normandie to whom it may concern..Apr. 30, '24

May 1, 1924—LOCATION NOT GIVEN S. P. Co. to Thomas W. Hicks.. ..... April 30, 1924

May 1, 1924—SEVENTH & CEDAR Sts., Oakland. S. P. Co. to Hutchinson Co.....Apr. 22, 1924

May 1, 1924—18TH AND PERALTA Sts., Oakland. S. P. Co. to Hutchinson Co. ..... Apr. 28, 1924

May 1, 1924—2514 MARTINEZ AVE. Berkeley. David Barnes to David Condon ..... Apr. 30, 1924

May 1, 1924— 1610 BROADWAY Oakland. W. E. Wills to whom it may concern .....April 30, 1924

May 1, 1924—2639 62ND AVE., Oakland. D. W. Parks to whom it may concern ..... May 1, 1924

May 1, 1924—5454 RUTH AVE., Oakland. W. C. and Anna C. Jamison to C. M. Texdahl ...Apr. 25, 1924

April 30, 1924 — LOT 32, MAP OF Dutton Manor Add., Oakland. J. D. and Mildred J. Eldridge to J. D. Eldridge ..... Apr. 12, 1924

April 30, 1924—4112 SHAFTER AVE. Oakland. Lillian E. Emery to whom it may concern..Apr. 26, 1924

April 30, 1924—LOT 38 AND S 8-4 Lot 39, Blk. Z, Amended Map of Regents Park, Berkeley. Emily Green to whom it may concern.. ..... April 22, 1924

April 30, 1924 — 1—E LINE OF Grove 112 S Vine St.; 2—S line of Vine 95 E Grove St.; 3—E line of Grove 37 S Vine St., Berkeley. M. Pestrovo to Geo. F. Balliet..... ..... April 22, 1924

April 30, 1924 — STANFORD AVE. crossing and Natl. Ice Cream Co. Spur, Oakland; Alcatraz to Woolsey, Dwight Way near Addison, Berkeley. S. P. Co. to Hutchinson Co. ..... April 24, 1924

April 30, 1924—21ST ST. BET. SAN Pablo and Brush, Oakland; Lincoln Ave. bet. 5th and Webster Sts., Alameda. S. P. Co. to Hutchinson Co. .....Apr. 28, 1924

May 3, 1924—N. 2139 BERKELEY Way, Berkeley. Josephine Ehret to Murphy Hamilton....May 1, 1924

May 3, 1924—LOT 2 BLK "A" Map Piedmont Knoll, Oakland. Watson Howden to A J Yerrick..May 1, 1924

May 3, 1924—NO. 6475 FLORIO ST., Oakland. Herbert A Michel to Leroy M Baird.....Apr. 28, 1924

May 3, 1924—SE THIRTY-FIFTH & West, Oakland. John Michels to F C Stolte.....April 20, 1924

May 3, 1924—NO. 1322 E-THIRTY-eighth St., Oakland. C C Brugge to Nylander Bros.....May 3, 1924

May 3, 1924—WEST OAKLAND Yard, Oakland. S. P. Co to Columbian Steel Tank Co.....May 1, 1924

May 3, 1924—W SPRUCE 74 N Cedar N 46 W 79-7 S 46 E 75, Berkeley. Emma A Sayer to C G Betz..... .....May 2, 1924

May 3, 1924—NO. 58 MONTE VISTA Ave., Oakland. Louise and Peter De Vincenzi to E L Ingram..... .....April 28, 1924

May 3, 1924—EIGHTEENTH AND Peralta Sts., Oakland. S. P. Co to Hutchinson Co.....April 28, 1924

May 2, 1924—1506 SIXTY-EIGHTH Ave., Oakland. C Tollefsen to whom it may concern...May 2, 1924

May 2, 1924—LOTS 6 AND 7 Blvd. Villa Tract, Oakland. N Kessler and N Gordon to W T Vaughn.. .....May 1, 1924

May 2, 1924—LOTS 8 AND 9 Boulevard Villa Tract, Oakland. N Kessler and N Gordon to W T Vaughn .....May 1, 1924

May 2, 1924—S CENTRAL AVE 70 W St. Charles St., Alameda. Julius J. Grodem to whom it may concern .....April 7, 1923

May 2, '24—S E-TWENTY-FIFTH ST 350 E Highland Ave Oakland. Tony A. Souza to H. B. Gross...Apr. 30, '24

May 2, 1924—LOT 17 BLK 2 MAP Cragmont, Berkeley. J. C. Littlepage to whom it may concern.. .....February 15, 1924

May 2, 1924—LOT 8 BLK H CRYSTAL Springs Tract, Berkeley. Jacobine A. Spanggard to E. F. Henderson. .....April 26, 1924

May 2, 1924 — 1511 SCENIC AVE., Berkeley. Margaret Webb to F. W. Maurice .....April 1, 1924

May 2, 1924—SE TWENTY-NINTH Ave. 100.02 NE E-14th St. NE 99.93 SE 135.75 SW 99.96 NW 137.88, Oakland. C. L. Hoffman Co. to John Vaughn .....April 29, 1924

May 2, 1924—S CENTRAL AVE. 35 W St. Charles St., Oakland. Jullus J. Grodem to whom it may concern .....April 1, 1924

May 5, 1924—S DERBY ST. 73-56 W Ellsworth St., W 36-77 S 94-5, Berkeley. E. E. Carpenter to whom it may concern .....May 1, 1924

May 5, 1924—LOT 15, BLK. 22, Map of McGee Tract, Berkeley. O. E. Heino to whom it may conceern.. ..... May 3, 1924

May 5, 1924—LOT 8 BLK. 3 Resubdivision Blks. 9, 10, 11, 12, 13, 14, and por. Blk 16, Rock Ridge Terrace, Oakland. Frank B. Knowlton to Interlocking Cement & Tile Co. ..... May 5, 1924

May 5, 1924—ENCINAL AVE. Union to Walnut, Alameda. S. P. Co. to Hutchinson Co. ..... April 28, 1924

May 5, 1924—E 64TH AVE. 263 S Avenal Ave., Oakland. Manuel R. Silva to whom it may concern.. ..... May 3, 1924

May 5, 1924—N DEERING ST. 92 W 35th Ave, 33 x 60, Oakland. W. T. Gorham to Cotton Bros...May 5, '24

May 5, 1924—LOT 17, BLK. 18, Warner Tract, Oakland. Milton P. Kitchel to F. A. McCausland.... ..... May 1, 1924

May 5, 1924—2707 55TH AVE., Oakland. A. E. Orton to whom it may concern ..... May 2, 1924

May 5, 1924—PT. 460 SW — NE COR. 1st and Market Sts., SE 100 NE 50, Oakland. P. G. & E. Co. to Judson Iron Works ..... April 25, 1924

May 5, 1924—LOTS 12 AND 13, Map Oak Vale Claremont, Berkeley. Frank H. Probert to A. Cederborg ..... March 19, 1924

May 7, 1924—NW THIRTEENTH & Harrison W 100xN 50, Oakland. Howard and Harriet C Bronstein, J E and Hilda E Faustina, Allen E and Minnie M Pelton to John M Bartlett ..... May 2, 1924

May 7, 9124—NO. 1728 ACTON ST., Berkeley. M P Brasch to whom it may concern.....May 6, 1924

May 7, 1924—LOT 6 BLK 4, North Cragmont, Berkeley. Albert Hammarberg to whom it may concern. .....May 6, 1924

May 7, 1924—SEVENTY-SEVENTH Ave., Oakland. S. P. Co. to Hutchinson Co. (2 Acceptances)..... .....May 1, 1924

May 7, 1924——SW BROOKLYN AV and NW Van Dyke Ave SW 50xNW 122, Oakland. Edith Decker to V Dildine and R M Knight.May 5, 1924

May 7, 1924—LOT 46 BLK 18, Map Havenscourt, Oakland. J F Patterson to whom it may concern..... .....May 7, 1924

May 7, 1924—S FOURTEENTH 100 W Harrison W 25xS 100., Oakland. E I de Laveaga to Emil Person... .....April 30, 1924

May 7, 1924—SW FIFTY-FIRST AND Vicksburg Ave., Oakland. Amella N Kretz to N Nittler.....May 5, 1924

May 7, 1924—NO. 5061 CALAVERAS Ave., Oakland. T O Nealsen by F E Vaughan to F E Vaughan..... .....April 28, 1924

May 7, 1924—PTN LOT 34 and W Ptn Lot 35, Dutton Manor Tract, San Leandro. G R Blasingame to whom it may concern.....May 7, 1924

May 7, 1924——SW HOPKINS 408-14 SE Laurel SE 33-4xSW 100, Oakland.. W I De Long to whom it may concern.....May 7, 1924

May 7, 1924——LOT 131 and NE 12½ Lot 132 Blk 16, Amended Map

Havenscourt, Oakland. Ray R Rugg to whom it may concern... .....May 3, 1924
May 5, 1924—PTN LOT 5 BLK "B" Broadway and Telegraph Ave, Homestead, Oakland. Cynthia I Copeland to Angelo De Fabbio... .....May 3, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount

April 30, 1924—LOT 9 BLK 1701 Map Avalon Ave Tract, Berkeley. F E Allen vs Dr E N and Flora L Ewer $6123.20
April 30, 1924—LOTS 9, 10 AND 11 Portland Park Map being sbdvn of Lot 39, Kingsland Tract, Brooklyn Tp, Oakland. Berkeley Sash & Door Co vs E Beck et al, Trustees of ppty for M P Graves.....$150.38
May 1, 1924—NE COR. CHAMPION and Montana Sts., 50 x 140, Oakland. R. Marvin Greathouse and Ray H. Montagne, C. G. & M Concrete Co. vs. Peter J. Knight, Robert Stewart, John A. Brennan and George Engs..... $361.07
May 1, 1924—LOT 2, BLK. 3, Map East Piedmont Heights Ext., Oakland. A. Hendrickson vs. Mary B. Rogers $2763.00
May 1, 1924—SE VALE AVE. 175 SW Porter St., SW 35 E 103-32., Oakland. George H. Tay Co. vs. F. J. Everett, H. C. Lukes and Mary Virgin $100.60
May 1, 1924—NW 9TH AVE. 55 NE E-22nd St., NE 45 NW 150, Oakland. George H. Tay Co. vs. F. J. Everett, James Murdock and Walter H. Garrett $214.14
May 3, 1924—LOTS 5 AND 6 and N 11.90 Lots 4 and 7 Blk 592 Map Galindo Tract, Oakland. Garrett Mill & Lumber Co vs Solomon Brown and Joseph Kann...$2154.22
May 3, 1924—NW DOWLING BLVD and Warwick Ave., San Leandro. Oakland Lnme & Cement Co, $72.15; A H Winchcole, $870 vs Broadmoor Improvement Co and F A McCausland .....
May 2, 1924—LOT 2 BLK D MAP Glenwood, Oakland. A. H. Darrlmon vs Villa Site & Development Co., C. Dubovsky and Fred Dubovsky $110
May 5, 1924—W MARKET ST. 136-6 S 16th St., S 50 W 250, Oakland. Joseph Kann vs. Solomon and Ida Brown $12,530.48
May 5, 1924—SW E-28TH ST AND SE 11th Ave. SW 121-20 SE 55, Oakland. O. Riechel and B. B. Bredhoff vs. Geo. M. Merritt Building Co., Heradio R. and Margarite M. Anano $300.00
May 5, 1924—W MARKET ST. 136-6 S 16th St., S 50 W 250, Oakland. California Wall Bed Co., $480.; Pacific Heating Co., $306.60; Hoyt Heater Co., $518.40; Maurice Friedman (M. Friedman & Co.) vs. Jos. Kann and Solomon Brown. .....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

May 2, 1924—N GEARY 92-1 E Mason E 45-5xN 68-9. Grant Co as to improvements on property..
May 5, 1924—S GOLDEN GATE AVE 94 E Polk E 88-6xS 120. Isabella Gillett as to improvements on property .....

RELEASE OF LIENS

ALAMEDA COUNTY

April 24, 1924—LOT 46 Map Searles Tract, Oakland. A Jensen to H J Merrick $310.84
April 24, 1924—LOT 46 Map Searles Tract, Brooklyn Tp, Oakland. P R Duner and C B Matheny to A Jensen and H J Merrick.....$67.75
April 24, 1924—NO. 1651 SEVENTLfourth Ave., Oakland. Neighbor's Lumber Yard to H J Merrick.$257.40
April 25, 1924—LOT 18 Map Fitchburg Addn, Oakland. P R Duner and C B Matheny, $160.85; H M Wright, $165 to E J McCord.....
April 25, 1924—LOT 183 and Ptn Lot 182 May of E. B. & A. L. Stone Co's Lots, Oakland. Hutchinson Co to Jos Ferrari $265.65
April 30, 1924—250 E 38TH AVE 29 E Lot 16 Blk 6 Map Allendale Park Tract, Oakland. Powell Bros, Inc to E C and C W Kramer.....$57.35
April 30, 1924—LOT 16 BLK 6 Map Allendale Tract, Oakland. Frank Roberts to Susie Betts.....$145
April 30, 1924—SE 30 FT. LOT 16 Blk 6, Map Allendale Tract, Okd. General Plumbing Co to Kramer Bros, E C Kramer and Susie Betts $127.40
April 30, 1924—E 29 LOT 16 BLK 6 Map Allendale Tract, Oakland. Daner-Matheny Sash & Door Co to Kramer Bros & E C Kramer.$151.30
April 30, 1924—SE 30 LOT 16 BLK 6, Map Allendale Tract, Oakland. A K Goodmundson to Susie Betts $58.32
April 28, 1924—NE ½ LOT 1, BLK. 3, Sub-Div. of the N. E. Por. of the Sather Tract, Oakland. Sunset Lumber Co. to Peter Peterson et al $163.25
April 30, 1924 — SW DALE PLACE 162 ft. SE 39th Ave. SE 29-88 ft. S 46° 47' W 137-36 ft NW 44-16 ft. NE 137-5 ft. to beg., being por. of Lot 16, Blk. 6, Map Allendale Tr., Oakland. W. Falkenstein and Harvey F. Hall to (Kramer Bros.) E. C. and C. W. Kramer.....$2020.
April 30, 1924—LOT 9 BLK. F, Map of Hopkins Terrace No. 3, Berkeley. Henry Cowell Lime & Cement Co. to H. H. and Mary I. Gastman $304.65
April 30, 1924—LOT 9, BLK. F, Map of Hopkins Terrace, Map No. 3, Berkeley. Oak. Roofing Co. (W. J. Tabor) to F. A. McCausland and M. P. Kitchell $304.65
May 1, 1924 — S 12TH ST. 100 E Franklin E 100 S 100, Oakland. Hugo and Henry Abrahamson as to improvements on property ....
May 1, 1924—LOT 26 AND SE 10-6 Lot 27, Blk. A Garden Tract Homestead Plot 398, Oakland. John and Giacomo Gandi as to improvements on property .....
April 30, 1924—LOTS 4, 5, 6, 7, 8, Blk A, Lakeshore Hills, Oakland. Lakeshore Highlands Co. as to improvements on property .....
April 26, 1924—LOT 21 BLK 6, Daley's Scenic Park, Berkeley. Thos F Rigney to Ida and L Lo Prest $356.20

BUILDING CONTRACTS

SAN MATEO COUNTY

DWELLING and garage, $5500; Lot 17 Blk M, B St., San Mateo; owner, Chester Gunn, San Mateo; contractor, — Homestead, San Mateo.
RESIDENCE, 7-room, $9000; Lot C Blk X, El Portal St., San Mateo; owner, Lee A. Sneath, San Mateo; contractor, Mitchel & Jackson, 170 2nd Ave., San Mateo.
DWELLING, $6000; Lot 3 Blk 2, Hillton Road, San Mateo; owner, A. J. Wilke, 1433 Burlingame Ave., San Mateo; architect, Mitchell & Jackson, 170 2nd Ave., San Mateo; contractor, A. J. Wilke, 1433 Burlingame Ave., San Mateo.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

ALTER dwelling, $2000; Lot 16 Blk 5, Griffith St., San Mateo; owner, Charles D. Frazer, 215 Griffith Ave., San Mateo; contractor, Chas. D. Frazer, 215 Griffith Ave., San Mateo.
DWELLING and garage, $400; Lots 21 and 22 Blk P N-C St., San Mateo; owner, George Azedara, San Mateo contractor, J. Sorenson, Burlingame.
BUNGALOW, $4500; Lot 13 Blk 13, Laguna St., Burlingame; owner, J. H. Bramstedt; contractor , — Larsen, 1205 Broadway, Burlingame
BUNGALOW and garage, $3500; Lot 20 Blk 12, Laguna St., Burlingame; owner, Tom Gunther.
STORE, one-story reinforced concrete, $3000; Rear Lots 28 and 29 Blk 15, Palama St., Burlingame; owner, H. Park, 1462 Chapin St., Burlingame; contractor, Dansett & Ruhl Co., 515 Clarkk Road, San Mateo.
ALTERATIONS and additions, $2000; No. 120 Park Road, Burlingame; owner, Mrs. M. Strum, Lurtan & Lamb Bldg., Burlingame; contractor, M. Lorensan, 16 Dwight Road, Burlingame.
RESIDENCE and garage, $5000; Lot 16 Blk 31, Vancouver Ave., Burlingame; owner, John P. Daley.

COMPLETION NOTICES

SAN MATEO COUUTY

April 24, 1924—POR. LOT 1 BLK. B, Pariso Park. Frank M. and Teresa Oellerich to H. Nielsen..April 19, 1924
April 25, 1924—LOT 18 BLK. 36 East No. 2, Burlingame. James E. Mount to whom it may concern.Apr. 22, '24
April 25, 1924 — LOT 13 BLK. 16, Crocker Tract, Daly City. Fred Klingler to Charles S. Adams.... ..... April 18, 1924
April 25, 1924 — 50 NTHLEY SIDE Broadway, 150 from Vancouver Ave., Burlingame. William Thomas Hummer to whom it may concern ..... April 25, 1924
April 25, 1924—LOT 3 BLK. 10, Burlingame Sand Co., Burlingame. Lewis A. and Ada C. Nelson to whom it may concern..April 23, 1924
April 25, 1924—LOT 6 BLK. 60 Easton No. 7, Burlingame. Harry C. Brown to whom it may concern.. ..... April 23, 1924
April 25, 1924 — LOT 16, BLK. 3, Easton Add., Burlingame. William Mc.Phillips to whom it may concern ..... April 24, 1924
April 29, 1924—LOT E BLK. S, Burlingame Land Co., Burlingame. Wm. Rutherdale to whom it may concern ..... April 28, 1924
April 29, 1924—LOT 12, BLK. 7, Burlingame Park No. 2, Burlingame. Parker M. Robinson to whom it may concern ..... April 29, 1924
April 28, 1924—LOT 22, BLK. K, Haywood Park, San Mateo. Oscar and Virgie Newkom to W. O. Nicalaide ..... April 15, 1924
April 28, 1924—LOT 1, BLK. 9, Burlingame Sand Co., Burlingame. A. S. Offield to H. I. Sander.April 24, '24
April 28, 1924 — ITALIAN CEMETERY . Societa Italiana di Mutu Beneficenza to G. Cristina.Apr. 23, '24

LIENS FILED

SAN MATEO COUNTY

Recorded Amount

April 25, 1924—LOT 13 Resbdvn Lots 1 to 6 S ½ Lot 8 and Lots 9 to 45, Inc, Roosevelt Oak, Redwood City. E W Magrude vs H W Beecher... ..... $103.37
April 28, 1924—LOT 23 BLK 44, Easton No. 3, Burlingame. H Brunstad vs H L Pierce.....$779

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Accepted

April 28, 1924—PTN LOT 9 BLK F, Hoag & Lansdale Sub, Menlo Park. Strom Elec Co (Carl E Strom) to Ernest B Stribling.....$92.27

BUILDING CONTRACTS

SANTA CLARA COUNTY

W MONTEREY ST. 75 S from SW Cor. Fifth and Monterey Sts., Gilroy. All work for one-story concrete building.
Owner—Mrs. Bertha McKenzie.
Architect—None.
Contractor—William Radtke.
Filed April 26, '24. Dated, ——.
Foundations and forms up.....$1550
Joists and rafters in place.... 1550
When completed 1550
Usual 35 days..... 1550
TOTAL COST, $6200
Bond, none. Limit, 60 days after May 1, 1924. Forfeit, none. Plans and specifications, filed.

COTTAGE
SECOND AND JACKSON STS., San Jose. All work for one-story five-room cottage.
Owner—Joseph Campisi, 7065 S-11th St., San Jose.
Architect—None.
Contractor—Geo. D. McCrary and Ralph J. Sharp.
April 19, '24. Dated Apr. 1, '24.
Roof frame up.....$900
Brown coat plaster on..... 900
Notice of completion filed..... 900
Usual 35 days..... 900
TOTAL COST, $3600
Bond, $1800. Sureties, William H. O'Neil and M. L. Doane. Limit, 60 days from beginning work. Forfeit, none. Plans and specifications filed.

RESIDENCE
E MORRISON AVE. about 120 N The Alameda, San Jose. All work for one-story frame residence and garage.
Owner—Lena Pollard.
Architect—Wolfe & Higgins, 93-96 Auzerais Bldg. San Jose.
Contractor—Howard Waltz, 132 Balbach St., San Jose.
Filed Apr. 22, '24. Dated Apr. 17, '24.
Frame up $1668.75
1st coat plastering on..... 1668.75
Building completed 1668.75
Usual 35 days..... 1668.75
TOTAL COST, $6675.00
Bond, $3337.50. Sureties, Wm. F. Serpa and James H. Pierce. Limit, 65 days after April 17, 1924. Forfeit, none. Plans and specifications filed.

DWELLING
E ORCHARD bet. Willow and Goodyear Sts., San Jose. All work for one-story 5-room frame dwelling.
Owner—Salvatore Rubino, San Jose.
Architect—Wm. H. O'Neil, 500 N-15th St., San Jose.
Contractor—Wm. H. O'Neil, 500 N-15th St., San Jose.
Filed Apr. 24, '24. Dated Apr. 24, '24.
Roof on dwelling.....$772.50
1st coat plaster on..... 772.50
Dwelling completed 772.50
Usual 35 days..... 772.50
TOTAL COST, $3090.00
Bond, limit, forfeit, none. Plans and specifications filed.

DWELLING
LOT 12 BLK 19, Freschlag Sbdvn., San Jose. All work for one-story five-room dwelling.
Owner—Tony and Mary Costa, 10th and Keyes Sts., San Jose.
Architect—None.
Contractor—D. H. Main and S. C. Evans, 325 N-16th St., San Jose.
Filed Apr. 30, '24. Dated Apr. 30, '24.
Building enclosed $919.50
Brown mortar coat on..... 919.50
Dwelling completed 919.50
Usual 35 days..... 919.50
TOTAL COST, $3678.00
Bond, $1839. Sureties, A. L. Hubbard and John Lindgren. Limit, 65 days from April 30, 1924. Forfeit, none. Plans and specifications filed.

DUPLEX residence, $3900; Sixth and San Salvador Sts., San Jose; owner, Henrietta Gaston; contractor, R. T. Souther.
COTTAGE, 4-room, $1940; No. 938 Locust St., San Jose; owner, G. Gausino; contractor, M. M. David, 154 Lasswell St., San Jose.
ADDITION, $2100; Orchard and Union St., San Jose; owner, M. Lawrencello; contractor, D. Amorosa, 939 Park Ave., San Jose.
COTTAGE, 5-room, $3090; Orchard St., near Willow, San Jose; owner, Wm. O'Neil, 500 N-15th St., San Jose.
WAREHOUSE, $2000; Lick and Humboldt Sts., San Jose; owner, San Jose Canning Co., Lick Ave., San Jose.
COTTAGE, 5-room, $3750; Atlanta St. near Bird, San Jose; owner, J. J. Lanin; contractor, T. J. Launin, 312 S-9th St., San Jose.

BUILDING CONTRACTS

FRESNO COUNTY

DWELLING and garage, $4500; 3436 Kerckhoff Ave., Fresno; owner, C. L. Saylor, 810 Peralta Way, Fresno.
DWELLING, $4000; 4120 Platt Ave., Fresno; owner, A. Cruzan; contractor, Ernest Russell.
DWELLING, $4500; No. 204 Olive Ave., Fresno; owner, Nishan H. Aaronian contractor, M. Manoogian, 3122 Washington St., Fresno.
DWELLING, $3000; No. 4012 Verrue Ave., Fresno; owner, Verlan Fitzgerald, 3028 Madison St., Fresno; contractor, Geo E. May, 2828 Tyler St., Fresno.
ENGINE room, $35,000; No. 2035 S-Broadway, Fresno; owner, People's Ice Corp., Premises; contractor, Russell Hess.
APARTMENT house, $10,000; No. 2139-45 Wilson Ave., Fresno; owner, M. F. Meyers; contractor, Walter Burton.
DWELLING and garage, $8000; No. 960 N-Van Ness Ave., Fresno; owner, Harry Kurkjian, 1044 Broadway, Fresno; contractor, Dave Brase, 2181 Lotus St., Fresno.
ALTERATIONS, $3000; No. 261 Santa Fe Ave., Fresno; owner, California Glass Co., Premises; contractor, Fisher & McNulty, Mattei Bldg., Fresno.
DWELLING, $2700; No. 2223 Lotus St., Fresno; owner, Geo. Forath; contractor, Chris. Sommers.
DWELLING, $2300; No. 147 Kearney Ave., Fresno; owner, T. Avedekian

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
May 3, 1924—S ½ LOT 5 BLK 16, Wilson N. F. Tract, Fresno. Wm Ellis to whom it may concern.. .....May 2, 1924
May 3, 1924—LOT 30 E ⅔ LOT 31 Blk 17, North Park Ter, Fresno. Chas H Blochberger to whom it may concern.....May 2, 1924
May 3, 1924—BLK 47½ K B Hts, Fresno Fresno City Water Co to H Mellencamp.....April 28, 1924
Recorded Accepted
May 2, 1924—BLDG. ON LOT 2, BLK 13, Dean Park. J. I. Mounce to whom it may concern....May 2, 1924
May 2, 1924—BLDG. ON LOTS 17, 18, Blk. 51, K B Hts., Fresno. R. N. Peterson to whom it may concern .....April 30, 1924
April 26, 1924—W 6 FT. LOT 15, all Lot 16 E 6 ft. Lot 17, Cleveland Tract Blk. No. 2, Fresno. F Taddemian to whom it may concern... .....April 15, 1924
April 26, 1924—LOTS 14, 15 AND 16 Blk 68, Fresno. S J L & P Corpn to Hilgartner Marble Co..... .....April 25, 1924
April 30, 1924—LOTS 7 AND 8 BLK 41, East Fresno. John Jurkovich to C E Millholien.....April 30, 1924
May 1, 1924—LOTS 15 AND 16 BLK 5, La Sierra Tract, Fresno. Earl M Jackson to Fred F Smith..... .....April 25, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
May 3, 1924—LOTS 44 AND 45 Acacia Park, Fresno. V J Cox vs Julia A Paulsen $75
May 2, 1924—LOTS 17, 18, 19, BLK. 125 Sanger. B. L. Herrick vs. Fred Nelson and Karl Wilt....$59.
April 29, 1924—LOT 5, Millbrook Add. Fresno. Routt Lumber Co vs Richard R Shaw.....$181

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

DWELLING and garage, $3500; No. 63 E-Geary St., Stockton; owner, Arthur Hollenbeck.
DWELLING & garage, $3000; No. 1127 W-Park St., Stockton; owner, G. H. Voerckel.
ADD to dwelling for store purpose, $1000; No. 1725 N-California St., Stockton; owner, Mrs. Margaret Reardon, 1601 S-San Joaquin St., Stockton.
DWELLING & garage, $3000; No. 1036 W-Magnolia St., Stockkton; owner, E. F. Martell, 133 W-Magnolia St., Stockton.
DWELLING and garage, $5000; No. 1048 N-Stockton St., Stockton; owner, Robert Moack.
DWELLINGS and garages, $3000 each; No. 1606 Lucerne Ave., and No. 1221 College Ave., Stockton; owner, Wm. Prenston.
APARTMENTS, 2-story 4-room flat frame, $15,000; No. 941 N-California St., Stockton; owner, Mrs. F. J. Clark, 945 N-California St., Stockton.
DUPLEX house, $7000; No. 1229 West Magnolia St., Stockton; owner, H. W. Johnson, 301 Sonoma St., Stockton.
REMODEL dwelling, $2000; No. 20 W-Vine St., Stockton; owner, Thos. V. Lawson.
DWELLING and garage, $4000; No. 48 E-Adams St., Stockton; owner, P. Dandero.
DUPLEX house, double garage and residence, $4500 and $3800 respectively; No. 15 and 11 E-Geary St., Stockton; owner, J. H. Luly, 1532 S-San Joaquin St., Stockton.
SERVICE station and garage, $25,000; No. 502 E-Miner St., Stockton; owner, P. Marengo, 45 W-Maple St., Stockton.
DWELLING and garage, $4700; No. 240 E-Mariposa St., Stockkton; owner, Salfield Bros.
DWELLING and garage, $400; No. 1027 W-Flora St., Stockkton; owner, J. C. and F. M. Smith.
DWELLING and garage, $4500; 1675 West Flora, Stockton; owner, Robert Zollinger, 917 Channel, Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
April 24, 1924—LATERALS NO. C-9 B and C-11 A aggregating about 1½ miles in length. California Irrigated Farms to W H Campbell.. .....March 1, 1924
April 26, 1924—LOT 12 BLK 252 E of Center St., Stockton. Mike Hakeem to W D Standlee.Apr. 21, '24
Apr. 28, 1924—NO. 27 E-CLEVELAND St., Stockton. Lawrence H Segale to Charles Garfield.....April 25, 1924
April 29, 1924—BEG. AT INTER. OF S line of Lot 2, Parker Acres with W line of county rd and run th W alg S line of said lot 200 ft. th N par with county road 40 ft. th E par with S line said Lot 200 ft. th alg W line of road 40 ft. to pt of beg., Stockton. Eskel Scholin to Security Bldg & Loan Assn.... .....April 26, 1924

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
April 30, 1924—LOTS 19, 20, 24 and 33 sur. of Escalon Farms, Stockton. Ed Spickerman vs Erwin Wiesner $2631.57

BUILDING CONTRACTS

CONTRA COSTA COUNTY

PERMITS

DWELLINGS (2) one-story frame, $3000 each; NE Cor. Sixteenth and Roosevelt Sts., Richmond; owner, Pier Wierda, 1734 Addison St., Berkeley.

BUILDING CONTRACTS

SACRAMENTO COUNTY

BUILDING
E 20 FT. OF N 100 FT. LOT 1 and W ¼ Lot 2, J. K, 9th and 10th Sts., Sacramento. One-story building.
Owner—A. M. Braddock, 702 K St., Sacramento.
Architect—None.
Contractor—Chas. S. Mabrey Co. and L. G. Barton, 1026 K St., Sacto.
Filed Apr. 26, '24. Dated Apr. 24, '24.
TOTAL COST, $12,052
Bond, limit, forfeit, plans and specifications, none.

DWELLING
LOT 11 Crandall Tract, Sacramento. All work for six-room dwelling & garage.
Owner—George T. and Florence White, % S. P. Co., Sacramento.
Architect—None.
Contractor—Carl Koch, 3418 L St., Sacramento.
Filed Apr. 26, '24. Dated Apr. 25, '24.
TOTAL COST, $4045
Bond, limit, forfeit, none. Plans and specifications, none.

APARTMENTS
SE NINTH AND G STS., Sacramento. All work for apartment building (8 apts.)
Owner—Mrs. and Mrs. J. L. Andreassen.
Architect—None.
Contractor—Harry Goldman.
Filed Apr. 26, '24. Dated Apr. 19, '24.
TOTAL COST, $14,500
Bond, limit, forfeit, plans and specifications, none.

LOT 4 RS 4 5 Sacramento. Structural work to complete refrigerators, concrete floors, platforms, office doors etc. to make complete rear half of Sac. Growers Market Bldg.
Owner—State Ice Mfg. Co.
Architect—None.
Contractor—Chas. S. Mabrey Co., Ochsner Bldg., Sacramento.
Filed April 29, 1924. Dated Apr. 21, 1924.
Payments not given.
TOTAL COST, $12,479
Bond. Forfeit, Sureties, Plans & specifications, none.

DWELLING, 5-room and garage, $4000 516 34th, Sacramento; owner, Ben L. Ele, 431 32nd, Sacramento; contractor, W. H. Cox, 2018 19th, Sacramento.
DWELLING and garage 4-room, $1950; 1915 1st Ave., Sacto.; owner, F. B. Crumley, 1820 G, Sacramento.
MACHINE SHOP, $5000, 1517 E, Sacramento; owner, G. F. Gillenwater, 1406 J, Sacramento.
DWELLING, 4-room and garage, $2150 3608 40th Sacramento ;owner, W. T. Martin & Son, 3425 43rd, Sacramento.
DWELLING, 2-story 5-room & garage $5500; 2220 V, Sacramento; owner, Schmidt, No. Sacramento.
DWELLING, 5-room, and garage, $2500 3209 E Sacramento; owner, Artz, Cook & Drew, 817 J, Sacramento; contractor, H. G. Birdsall, 1516 27th Sacramento.
DWELLING, 6-room and garage, $3500; 1101 Santa Barbara Way, Sacramento; owner, U. Fea, 3200 L Sacramneto; contractor, H. G. Birdsall.
DWELLING, 2-story 6-room and garage, $6900, 717 35th, Sacramento; owner, Alex M. Day, 1800 L, Sacramento; contractor, N. H. Bateman 3933 H, Sacramento.
DWELLING, 1-story 5-room, and garage, $3500; 2449 Montgomery, Sacramento; owner, Peart Bros., 3001 J Sacramento
DWELLING, 1-story 6-room and garage, $8000; 1149 38th, Sacramento; owner, Ed Meister, 22nd and I, Sacramento; contractor H. W. Robertson, 1103 37th, Sacramento.
DWELLING, 2-story 2 flats 5 & 6 room and garage, $9900; 1200 38th, Sacramento; owner, Mrs. Blanche Lau 2930 H, Sacramento.
DWELLING, 2-story 6-room and garage, $10,500; 2640 4th Ave., Sacramento; owner, J. C. Reid, 226 Forum Bldg., Sacramento; contractor, G. L. Eckman, 1625 18th, Sacramento.
DWELLING 1-story 5-room and garage, $3500; 440 33rd, Sacramento; owner, Mrs. E. Carithers, 3010 U, Sacramento; contractor, Chas. Peterson, 1023 W, Sacramento.
DWELLING, 1-story 4-room and garage, $5500; 2648 9th Ave., Sacramento; owner, J. C. Carly Co., 823 J Sacramento; contractor, W. J. Lattin, 4223 San Bonita Ave., Sacramento.
DWELLING, 1-story 6-room and sleeping porch, and garage, $4045; 1101 34th, Sacramento; owner, G. T. White, 1051 34th, Sacramento; contractor, Carl Koch, 3418 L, Sacramento.
DWELLING, 1-story 2 family 5-rooms each, and garage, $3000; 3200 X, Sacramento; owner, E. L. Casselman, 2326 32nd, Sacramento.

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
April 25, 1924—N 60 FT. LOT 8, I-J-10-11. J. Y. Cooney vs. Phyllis K. and Arthur H. Lamb.....$788.25
April 28, 1924—TCT. 90 CARMICHAEL Col. 2. General Supply Co. of Fair Oaks vs. W. H. and Ed. Armitage $99.83
April 29, 1924—N ½ OF S ½ LOT 8, T-U-30-31. Superior Lumber & Fuel Co. vs. R. S. Swift $663.23

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
April 25, 1924—LOT 7 FREMONT Tract. Minnie L Geibel to whom it may concern.....April 15, 1924
April 28, 1924—LOT 60 x 100 FT. IN Blk. 7, por. of street Brannan Add. Pacific Gas & Electric Co. to whom it may concern .....April 18, 1924.
April 28, 1924—LOT 911 W & K TCT. 21. Alice Bell to whom it may concern ..... April 11, 1924

SAN FRANCISCO BUILDING FOR MONTH OF APRIL

San Francisco building operations for the month of April, just closed, totaled $5,036,673, according to John P. Horgan, chief inspector of buildings of the Department of Public Works. During the month 1045 permits were issued of which 561 were for new buildings costing $4,708,679 and 484 permits for alterations, repairs and additions to standing structures costing $327,994.

During the first four months of 1923, the records of the city building bureau show a total of 3431 permits issued representing an expenditure of $14,887,860. For the same period in 1924, the bureau reports 3606 permits issued, the improvements aggregating an expenditure of $16,780,185.

A feature of the April activities is the number of frame buildings erected, which number, exceeds those of any one month in the year 1923 and any one of the four months of the current year. Frame building construction covers, in most instances, the erection of homes, flats and apartment structures. Home building, as usual continues, to be the big factor in San Francisco building operations.

The following is a complete report of the April activities, as compiled from the records of the city building bureau:

Class	No. of Permits	Est. Cost
"A"	1	$ 300,000
"B"	2	104,000
"C"	40	1,132,640
Frames	517	3,134,369
Alterations	484	327,994
Public Bldgs.	1	37,670
Total	1045	$5,036,673

Following is a tabulation of building figures for the first four months of 1923 and 1924:

Year 1923	No. of Permits	Est. cost
Januray	718	$ 3,205,811
February	782	3,278,676
March	977	3,229,572
April	954	5,173,801
Total	3431	$14.887,860

Year 1924	Permits No. of	Est. cost
January	773	$ 3,178,413
February	794	3,912,166
March	994	4,652,933
April	1045	5,036,673
Total	3606	$16,780,185

Alameda county has voted $1,800,000 in bonds to finance completion of the Highland county hospital project. The $4,500,000 issue, to finance the purchase of a site and erection of a new county courthouse, failed to carry.

Larsen Construction Reports
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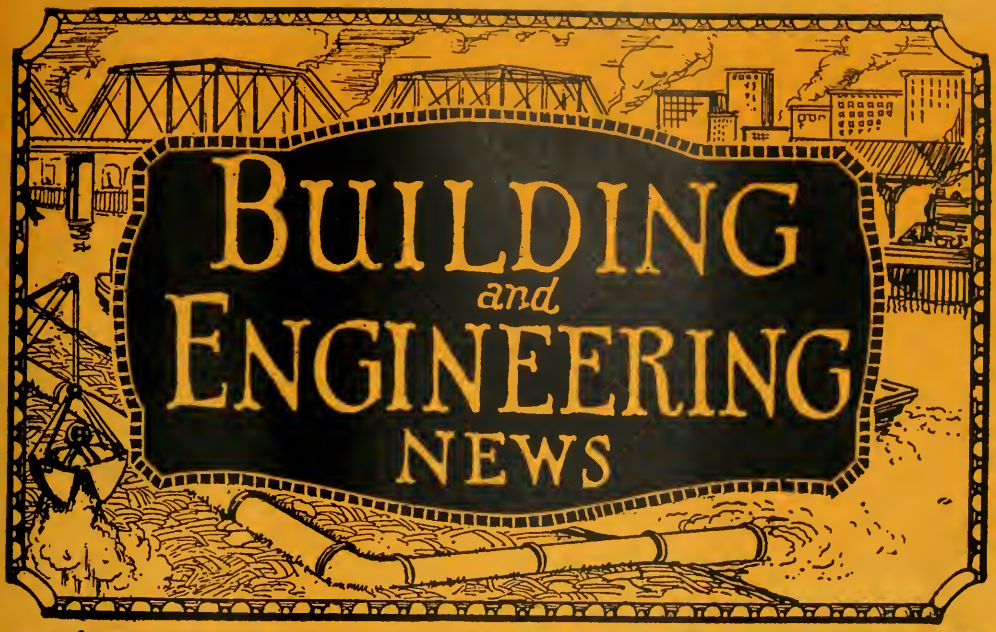
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA



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SAN FRANCISCO, CALIF., MAY 17, 1924

Published Every Saturday
Twenty-fourth Year No. 20

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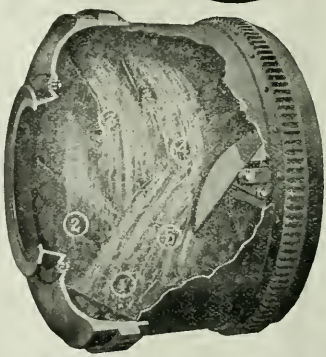

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

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Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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S. F. BUILDING LESS INFLUENCED THAN IN OTHER SECTIONS

Building operations in the San Francisco Bay metropolitan area are less influenced than those of other parts of the state by the note of conservatism and caution on the part of builders which is reflected by a study of the April record of building permits issued as shown in the Pacific Coast section of the monthly building survey of S. W. Straus & Co.

Although San Francisco and several other cities of California reported gains for April over the totals for March, the state as a whole shows a 17% reduction, chiefly noted in Los Angeles which reports on April record 23% less than that of March. Eliminating the Los Angeles figures, the California total shows a 9% reduction in building permits from March to April.

A total of 2812 building permits calling for a construction expenditure of $9,748,611 were issued in the 13 municipalities of the San Francisco Bay metropolitan area. This shows a reduction of less than 1%, March to April, a 10% gain for April over April of last year and a gain of 38% over the total for the same month of 1922.

In the Los Angeles metropolitan area, 14 municipalities report an April total of 5,908 permits calling for an expenditure of $17,819,528, which is 19% less than the March total, 9% less than that of last April and 9% greater than the report for April of the previous year.

The average building permit issued in San Francisco during April calls for a cost of $4819 and that for the Bay districts is $3,466 while the average April permit in Los Angeles calls for $2470 and the average for the 14 municipalities of the group calls for $3016.

HUGE METAL BARREL PLANT PROPOSED FOR OAKLAND

The Knapp Metal Barrel Company of the Pacific Coast will establish a huge plant at the Parr Terminal, Oakland, for the manufacture of metal lockinghead barrels and other containers which are to facilitate the transportation of lime, asphaltum, cement and similar commodities, the containers to cost considerably less than the wooden barrels now in general use. The Knapp Metal Barrel Company of the Pacific Coast has obtained control of the patents owned by S. A. Knapp of Berkeley. Following the completion of negotiations to secure manufacturing rights information as to the proposed plant construction was disclosed.

Former Governor James N. Gillett heads the corporation, with Louis M. Hoefler, well-known San Francisco attorney, as vice-presidenc. The treasurer is W. S. Pardy, secretary of the Pacific States Loan & Savings Society, and the treasurer is W. L. McGuire, former secretary of the California State Banking Commission. Others of the directorate are Frank E. Carroll, Stanley P. Dunleavy, J. W. Boaz and S. S. Schary. Headquarters have been established in the Balboa Bldg.

The officers above explain that permission has been obtained from the Commissioner of Corporations to sell 200,000 of the 800,000 shares of capital stock.

The intention of the company is to establish not only the local plant, but one in Seattle and one in Los Angeles. Operations are expected to cover the territory of California, Oregon, Washington, Montana, Colorado, Utah, Nevada and Arizona, as well as Hawaii, Alaska, British Columbia and the west coast of Mexico.

The corporation will depend upon the metal construction of the barrel, its reusable locking head and its special adaptation for the containing and transportation of materials for which a wooden container is unsuitable to figure in the manufacture of a large share of the 350,000,000 barrels annually used in the United States.

$2,000,000 CEMENT PLANT FOR CALAVERAS COUNTY

Construction of a $2,000,000 cement plant at San Andreas, Calaveras county, is planned by William Wallace Meins of San Francisco.

This fact was disclosed when the city of Stockton declared its intention of bonding for $2,500,000 to finance construction of its flood control project.

Meins, who proposes to operate under the name of the Crown Cement Syndicate of San Francisco, objects to the city of Stockton constructing the Spring Valley dam on the ground that the present height contemplated would result in flooding the roadbed of its proposed railroad to its plant near San Andreas.

Chas. E. Ashburner, city manager of Stockton, advised the city council to proceed with the passage of the ordinance providing for the bond election, in-as-much as the railroad is not built. The city manager also declared he believed that any controversy with the cement company could be adjusted to the satisfaction af all parties concerned.

Following this assurance, the council passed the bond ordinance "to print," setting the date for the election as June 17.

FINANCING HIGHWAY BRIDGES IS URGENT NEED

Financing and construction of hundreds of urgently needed bridges on the State highway system in all parts of the State is one of the big problems confronting the California highway commission, it is pointed out in a current issue of t he commission's bulletin, which discusses the bridge situation in detail.

There is need, the bulletin says, for 114 new bridges on the State highway system which would be under construction at the present time were funds available. The cost of bridges urgently needed, it is estimated, is $12,000,000. Inclusion of the elimination of 572 grade crossings, a work the commission desires to push forward as rapidly as possible, would increase this estimate to $25,000,000.

The present situation is declared to be the result of lack of funds and the policy adopted at the inception of State highway building of requiring the counties to construct all State bridges more than twenty feet in length. Under this plan, the counties have contributed some $9,000,000 toward bridge construction on the State highway system, but, despite this fact, b ridge building has been increasing until it has reached the point where it no longer can be ignored, the commission declares.

As a preliminary step to meeting the situation, State Highway Engineer R. M. Morton has reorganized the headquarters bridge department and has placed it in charge of the construction as well as the design division of all State highway bridges. This is a change in practice from the previous policy under which bridge construction was supervised by the various divisions. Harlan D. Miller has been named acting bridge engineer.

PROGRESS IN BLISTER RUST CONTROL IN 1923

Approximately 829,000 acres of white pine timberland in the Northeastern States were protected from the blister rust during 1923 the Bureau of Plant Industry, United States Department of Agriculture reports. This is an increase over the previous year of 93 per cent in the acreage cleared of currants and gooseberries, indicating that the control campaign conducted by the affected States in co-operation with the Bureau of Plant Industrys effective in acquainting pine owners with the destructiveness of this disease, the practicability of its control and the need for prompt action in applying control measures.

There still remains in this region about 6,000,000 acres of white pine in need of protection. Pine owners should not fail to examine their trees this spring, when the presence of the rust is evidenced by bright orange-colored blisters on the diseased bark. The protection of pine stands is accomplished by removing all wild and cultivated currant and gooseberry bushes within 900 feet of the trees.

Owners who have not protected their white pine should act at once, since early spring is the most favorable time to find and uproot wild currant and gooseberry bushes. Get in touch with the blister rust control agent in your county, the State forestry department, or the Bureau of Plant Industry, Department of Agriculture, Washington, D. C.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Press dispatches dated "Los Angeles, May 8," carry the following message: Printed notices are being posted here in conspicuous places signed by the Bay Counties District Council of Carpenters advising workmen interested in that trade to keep away from San Francisco because of unemployment conditions due to the effects of foot and mouth quarantine. All carpenters are requested to communicate with the council if they would try for employment in the bay counties. Requests that workmen investigate situations in Seattle will erect a plant in that city at a cost of $50,000. Company deals exclusively in tile, marble and terrazzo.

According to a survey of the Oakland Chamber of Commerce, there are 39,000 men and women engaged in the manufacturing and mechanical lines in that city. This includes 3600 carpenters, 8100 in the iron and steel industries, 3500 machinists and 1069 electricians.

Consolidated Railway Equipment Company of Portland, Ore., manufacturers of general steel products, has taken over the plant and stock of the North Pacific Spike Company in that city and will continue the manufacture of bridge and boat spikes.

Cross Lumber Company at Corcoran, Kings County, has been sold to the Hayward Lumber Company of Los Angeles. The latter concern operates yards in various sections of California and Arizona. Headquarters are maintained at Los Angeles.

A school bond issue, ranging from $15,000,000 to $20,000,000, is contemplated by the San Francisco Board of Education. This issue will be in addition to the $12,000,000 recently voted for school construction.

Peter R. Gadd, Sacramento engineer, submitted the lowest of three bids to the Los Angeles city council to construct the Main Street Storm Drain. The bid is approximately $2,700,000.

Lester W. Moore of Santa Maria has been appointed city engineer of San Luis Obispo, succeeding Walter B. Roselip, resigned. Mr. Moore was formerly a resident of San Luis Obispo.

Jhan & Breessi, general engineering contractors, will continue their office in Los Angeles at 315 S. Broadway in addition to their offices at Del Mar, Calif., and Seattle, Wash.

Felix H. Spitzer, consulting structural engineer announces his association with the firm of J. G. Little & Company, civil engineers, with offices at 251 Kearny street, San Francisco.

J. B. Griffin, city manager of Venice, has resigned. He was appointed to that position July 17, 1923. He was formerly city engineer of Venice.

San Bernardino county voters fail to endorse $850,000 bond issue to finance purchase of a site and erect new courthouse.

Eagle Body Building Co., of San Jose, builders of safety coaches and stage bodies, will erect a plant at 48th St. and San Pablo Ave., Emeryville.

According to word from Washington, Secretary Work has authorized the sale under new regulations, of 20,000,000,000 feet of timber on 1,000,000 acres of land embraced in the former Oregon and California railroad and Coos Bay wagon road land grants in Western Oregon. The timber lands, most of which are located in Coos, Douglas and Lane counties, have been re-vested in the government as part of the public domain and the sale will be conducted by auction by general land office branches in Lakeview, Portland and Roseberg on dates to be announced later.

A statewide hunt is under way for Arthur M. Goodhue, against whom an embezzlement complaint has been lodged, following his disappearance from Long Beach, where, as branch manager of the San Pedro Lumber Company, his accounts are said to be short $190,000. Goodhue, an employe of the lumber company for 30 years, is said to have mysteriously dropped from sight on April 26. The embezzlement complaint against him was signed by J. A. Hooper, an official of the lumber company.

H. N. Ormsbee, representing Ohio lumbermen, is negotiating with the Valencia-Hihn Company for the purchase of 6000 acres of virgin redwood, with a sprinkling of pine, located on the east branch of Soquel Creek and occupying the area between Loma Prieta mountain and Soquel creek in the northeast section of Santa Cruz county. Should the deal be consumated, a railroad will be constructed between Capitola and Soquel by the new owners.

State convention of Master Plumbers will be held May 19 to 21 at Pasadena. State Secretary John L. E. Firmin reports that with the sending out of the annual call and convention program, association members in great numbers are already expressing their intention of being in attendance.

San Francisco Motor Drayage Company announces change of its name to the Granfield Company with offices at 3470 Sixteenth St., San Francisco. The company specializes in excavation and steam shovel work.

Great Western Power Company will start construction shortly on a combined sub-station and steam-heat plant at 20th and Telegraph avenue, Oakland. The estimated cost of construction is $425,000.

Quick Adjustable Wrench Co., capitalized at $500,000, has been incorporated in San Francisco. Directors are: J. V. Bellnomini, A. L. Lucot, W. M. Whittenberg, L. S. Fraser and T. G. Negrich.

One hundred tons of pig iron, the first ever produced in the West, was shipped from the Ironton, Utah, plant of the Columbia Steel Corporation to Pittsburg, California, May 2, when the Utah plans was officially opened.

H. D. Mortenson, president of the Pelican Bay Lumber Company, has been elected president of the Klamath Falls, Ore., Chamber of Commerce.

City of Long Beach has voted $5,000,000 for harbor improvements.

TRADE NOTES

Columbia Cement Co. of Los Angeles, Fred A. Ballin, president, has purchased 2500 acres of land along the San Diego and Arizona Railway in Imperial county between Dixie and Coyote Wells, formerly owned by the Southern California Marble Development Company. Plans are under way for a $1,000,000 cement plant for the manufacture of a pure white cement from marble deposits on the land. Ballin was formerly president of the Monolith Portland Cement Company, operating a plant at Monolith, Calif.

Creditors of A. B. Nelson of the Associated Metal Works of San Francisco have petitioned the U. S. District Court to adjudge Nelson an involuntary bankrupt. The petitioning creditors were: N. J. Donelly, Foucar, Ray & Simon and the Van Arsdale Harris Lumber Company. William J. Ducoty, a Morgan Hill carpenter, is asking to be adjudged voluntary bankrupt, listed his liabilties at $3781.17, with assets of $210.

Increase in the capitalization of the Pacific Coast Steel Company from $1,000,000 to $6,000,000 is announced by President E. M. Wilson. It is said that approximately two-thirds of the new stock has been distributed to stockholders. The company operates open hearth furnaces and rolling mills in South San Francisco, Portland and Seattle.

Frank L. Buckley has resigned as general manager of the Los Angeles Lumber Products Company and Arno Mereen has resigned as production manager. S. M. Bump, formerly superintendent of the Fruit Growers Supply Company, Susanville, succeeds Buckley, with headquarters at Seattle for the present.

Western Pipe & Steel News is the title of a new monthly magazine issued by the Western Pipe & Steel Company of California. The magazine is issued to "effect a more intimate contact with customers, present and prospective.' Edward F. O'Day is editor.

Jas. H. Gilhuly, for 20 years manager in California and Nevada for the Youngstown Sheet and Tube Company, has moved his offices from 604 Mission street to the Sharon Building, 55 New Montgomery street, San Francisco.

California Pottery Co. of San Francisco has purchased property at the southwest corner of Park avenue and Haven St., Emeryville, and plans construction of warehouse and office quarters.

Pacific Malleable Castings Company has started construction on the first unit of its plant near Elmhurst station, Emeryville. The plant will contain approximately 57,000 square feet of floor space.

James Mulcahy, brother of Thos. F. Mulcahy, general contractor, has been appointed to the sales force of the Remillard Brick Company with offices in the Phelan Bldg., San Francisco.

Marysville Brick Company of Marysville has increased its capital stock from $10,000 to $100,000.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

F. BUILDERS' EXCHANGE HOLDS ANNUAL BANQUET

The thirty-fourth annual banquet of e San Francisco Builders' Exchange as held Saturday evening, May 10, in e Gold Room of the Fairmont Hotel. Approximately five hundred members the building fraternity assembled the banquet hall. Representatives om Builders' Exchanges in Central d Northern California attended. Exanges in the immediate vicinity of n Francisco had a 100 per cent repsentation on hand. These included n Jose, Oakland, Stockton, Sacraento and Richmond.

William H. George, president of the n Francisco exchange, acted as astmaster and opened the banquet th a brief talk in the financial condin of the exchange and its rapid owth. He told of the plan of the change to erect, in the near future, new home on the property already rchased at Fifth and Minna streets. s remarks with regard to the embership of the exchange—that it s the largest in membership in the ited States—were received with und after round of applause.

This was followed by a song—"Hail, il, the Gangs All Here," accompanied a twelve piece jazz orchestra.

Chas. E. Johnson, state treasurer, ve a short talk on the weights and asures law in effect in the State of lifornia, completing his remarks fering "Personal Integrity."

E. M. Tilden, secretary of the ilders' Exchange of Alameda Coun- introduced by Mr. George as one the largest lumber operators on the cific Coast, spoke on the growth of organization and of its plans to ortly commence construction of its w home in the heart of the Oakland siness district. He extended an ination to the members of the San ancisco exchange to attend the cor- stone laying.

During the evening a splendid proam of entertainment was offered der the supervision of Emil Hogberg, airman of the committee of arrangents.

IONS TO VOTE RECOGNITION DEMAND

The question of whether to demand cognition of the union working card s been submitted for referendum te to the unions affiliated with the ameda County Building Trades uncil. A vote in favor of enforcing ion recognition would bring about lkouts of union mechanics from os where non-union men are emyed. There would be no general lkout, say union officials, but cesion of work by union men here and re.

The building trades working card nt out of vogue after the lockout 1921, when the organized contracs and builders inaugurated the erican plan and servered relations th the building trades unions.

EXCHANGE ORGANIZED

The Builders' Exchange of Santa rbara has been formed with W. H. nners as temporary president and L. Kelsey as temporary secretary. embership will be open to contractors d material dealers throughout Santa rbara county.

PEDIGREE OF EAST BAY HOMES PLAN OF BUILDERS

"Pedigreed Homes" is a term to be introduced into the vocabulary of East Bay home buyers. The plan is backed by a group of Alameda County builders.

They derive the name for their association from the fact that they are prepared to furnish pedigrees with their homes. These papers contain a statement of a competent appraiser regarding the location of the property, the construction of the house, its value, and other pertinent facts. Each bears the signature of the builder, who stands behind his work, and carries a list of sub-contractors and warrants of their work.

This document gives the owner a means of knowing all about his homes and a medium for transmitting all the facts to another purchaser in the event of a resale.

The builders whose homes will bear the seal of "Pedigreed Homes" are all recognized leaders in their fields and admission to the group is determined upon home already built and previously established reputation.

They include builders from all parts of the East Bay, offering homes at all price ranges. They plan to popularize the name "Pedigreed Homes" by means of sustained advertising in the East Bay newspapers.

BUILDERS' EXCHANGE OF ALAMEDA COUNTY HAS NEW MAGAZINE

The first issue of the "East Bay Builder," the official organ of the Builders' Exchange of Alameda County, to be published semi-monthly, is being distributed. The issue contains thirty-two pages and is brim full of interesting items on the developments of the construction business in the East Bay section. In addition to providing a section for each craft, the names of the members of the craft, their address and phone number is published under separate headings in addition to a complete roster of the exchange, segregated according to character of business.

The publication is ably edited by William F. Breuer, who will maintain headquarters at 351 Twelfth Street, Oakland.

SHEET METAL MEN ORGANIZE

To maintain harmonious relations in the ranks of the sheet metal and roofing contractors in Seattle, Wash., the Associated Sheet Metal & Roofing Contractors' Association, has been organized with August Weiffenbach of the Seattle Cornice Works as president. Other officers of the Association are: A. Snellenberg, Occidental Sheet Metal Works, vice president; Arthur Van Doren, Van Doren Roofing & Cornice Co., treasurer and Thomas Rackner, Rackner Sheet Metal Works, secretary.

MATERIALMEN MEET

The second meeting of the California State Building Material Dealers' Association was held at the Hotel Oakland, Monday, May 12. A large attendance, representing every section of the state, took part in discussing matters of importance to the material dealer. The next meeting of the association will be held in San Jose, on a date yet to be determintd.

BRIDGE SPECIFICATIONS BEING CONSIDERED BY A. E. S. C.

Specifications for the Design and Construction of Steel Highway Bridge Superstructure have recently been submitted by the American Society of Civil Engineers for approval by the American Engineering Standards Committee.

Three other bridge specifications are also now before the A. E. S. C. The American Society of Civil Engineers and the American Railway Engineering Association have both submitted specifications for steel railway bridges, covering general requirements for the design and material of steel railway bridges including loading, stresses and proportioning of parts. The American Railway Engineering Association has submitted its specifications for Movable Railway Bridges, covering general and particular requirements for the design, equipment and materials of movable railway bridges including loading, stresses and proportioning of parts.

STRIKING PLUMBERS OFFER TO WORK FOR PUBLIC

A feature of the plumbers' strike in Marysville is the circulation of circulars by the journeymen offering to work for the public at the rate of $10.50 a day against the $13.20 a day which they claim the master plumbers charge for work performed by them and for which the master plumbers paid the journeymen prior to May 1st but $9 a day.

The strikers state in their circular that thay are organized and have headquarters in the Labor Temple, ready to take orders for work. They claim they already have six jobs contracted. State headquarters chiefs are in Marysville endeavoring to bring about a more friendly feeling between the master and journeymen plumbers and a compromise is expected. The journeymen are asking for an increase in wages from $9 a day to $10.50.

ENGINEERS ELECT

The newly elected officers of the Kern County Chapter, American Association of Engineers, took formal possession of their chairs at a meeting held May 7, at the Hotel Tegeler, Bakersfield.

Those who will direct the activities of the organization for the next 12 months are: F. S. Wheeler, president; F. A. Bartlett, first vice-president; E. T. Langdale, second vice-president; Ralph Myers, secretary and treasurer; and directors, C. K. Badger and Robert Myers.

F. A. Bartlett was appointed delegate to attend the annual convention to be held in San Francisco June 11 to 14. M. T. Paret is the alternate.

SYMBOL SHEET ISSUED

The California State Association of Electrical Contractors and Dealers has issued a sheet containing the standard symbols for wiring plans, as recommended and adopted by the Association of Electragists, International, the American Institute of Architects and the American Institute of Electrical Engineers and the American Engineering Standards Committee. Copies may be obtained without cost from Walter F. Price, executive secretary of the California State Association of Electrical Contractors and Dealers, 318 Call Bldg., San Francisco.

MICHEL & PFEFFER COMPANY ADDS NEW LINES

The Michel & Pfeffer Iron Works, Tenth and Harrison Sts., San Francisco, has been appointed district representative for the Page Steel & Wire Company of Bridgeport, Conn., in sections of Central and Northern California, handling the Page Protection wire fence and Page Standard panel partitions.

These new lines will be handled by W. T. McKune, who has been associated with the building business for the past ten years, starting as a mechanic in the steel trade and later operating on the sales end. Mr. McKune has a big following in the building business and will prove a valuable addition to the Michel & Pfeffer Company in putting over the sales of Page Protection Fabrics.

The Michel & Pfeffer Iron Works has exclusive rights on the installation of 34 counties in California, as follows: San Francisco, Alameda, Humboldt, Trinity, Tehama, Modoc, Glenn, Butte, Yuba, Sutter, Colusa, Lake, Sonoma, Napa, Yolo, Sacramento, El Dorado, Solano, Marin, Amador, Alpine, Tuolumne, Calaveras, San Joaquin, Contra Cost, San Mateo, Santa Clara, Stanislaus, Merced, Mariposa, Madera, Santa Cruz, San Benito and Monterey.

Page fence products are manufactured at the plants or the Page Steel & Wire Company with plants in Monessen, Pa., and Adrain, Michigan.

LUMBER MILLS FACE CLOSE

The Seattle Journal of Commerce in a recent issue comments upon the lumber industry as follows:

A general shutdown of commercial logging interests is threatened, according to reports coming from the woods. Lumber mills are facing price cutting or closing down, is the general opinion among the lumber manufacturing industry. It is expected by the lumber trade of this section that the customary dull period including June and July will this year also include May.

The California market is not absorbing lumber in the quantity previuosly taken. In fact, the domestic business volume has decreased alarmingly and the Japanese market is off.

It is the expectation of the trade that the lumber price will go still lower, and the sooner that occurs the better for the industry, it is believed. When bottom is reached and a shutdown forced, accumulated stocks will be diminshed and the market stiffened, is the general reasoning.

GLASS CONCERNS MERGE

The Standard Plate Glass Corporation announces the completion of negotiations whereby the Watson Paint & Glass Co. of Pittsburgh, together with important affiliated interests, will be merged into the Standard Corporation. The transaction is said to involve over $1,000,000.

The Watson Paint & Glass Co. is a large manufacturer of paints and varnishes and kindred products and was established in 1902. In addition the Watson Company is a large distributer of plate glass and window glass through its nine distributing warehouses located in different cities of the country. The acquisition of this concern by the Standard Plate Glass Corporation should be of particular benefit to the latter, due to the fact that the Standard Corporation will, through this purchase, engage in the manufacture and distribution of paints and will add greatly to its warehouse and distributing facilities for paint and glass through the Watson branches.

Pacific Coast Building in April Totals $40,527,579

A total of $40,527,579 in building permits issued during April in 69 cities of the Pacific Coast is shown in the monthly building survey of S. W. Straus & Co., just issued. An analysis of the figures show a marked increase in building in Washington and Arizona but a seasonal reduction in the other five states comprised in the survey, chiefly noted in California. Of the 69 cities, 23 show gains for April over March, 32 show gains over April of last year, 41 show gains over April of 1922 and 17 show gains over the three previous periods.

The Los Angeles total of $13,224,568 shows a 23% reduction from the March figures and 13% under those of last April. Nine municipalities of the Los Angeles metropolitan area report a reduction of 19% from March and a 9% reduction from last April but an increase of 9% over April of 1922.

San Francisco's total of $5,036,673 for April is 8% greater than the March total, 28% greater than that of April, 1922, but shows a 2% reduction from April of last year. The 13 municipalities of the San Francisco Bay area, as a whole, show a 1% reduction from March but a 10% gain over last April and 38% gain over April of 1922.

Portland reports $2,519,275 for April, 22% reduction from March, a very slight reduction from last year but a 39% gain over April of the preceding year.

Seattle's total of $2,329,805 for April shows an 8% gain over March, 8% over last April and a 42% increase over April of 1922.

Oakland, reporting $2,457,592, shows a 15% reduction from the March figures but a 15% increase over April of last year and a 32% increase over the previous April.

San Diego reports remarkable gains with an April total of $1,567,734 which is 95% greater than the March total, 85% greater than that of last April and 90% over April of 1922.

Sacramento, with a total of $849,299 for April shows a 36% gain over March, 21% over last April and 59% over the previous April.

Spokane's April total of $688,396 is 91% greater than that of March, 115% greater than that of last April and 91% over April of 1922.

Tacoma, reporting $547,225 for April, shows a 29% reduction from March, but a gain of 94% over last April and 87% over the previous April.

Pasadena, with $1,290,159 for April, shows a 45% gain over March, 33% over April of last year and 34% over the previous April.

Tucson reports $508,176 for April, showing a gain of 340% over March and 605% over April of 1922 but a 13% reduction from April of last year.

Phoenix, with $161,897 for April, reports a 37% gain over March, 19% over last April and 76% over April of 1922.

Alameda shows a remarkable activity for April with a total of $447,262, which is 131% over the March total, 212% over last April and 542 over April of the previous year.

Long Beach, reporting $865,470 for April, shows marked reductions of 62% from the March figures, 61% from last April and 65% from April of 1922.

Following are the official April, 1924 construction figures reported by building department executives, from the various cities comprised in the S. W. Straus & Co. building survey of the Pacific Coast States.

City	April, 1924	April, 1923	March, 1924
ARIZONA:			
Phoenix	$161,897	$135,200	$118,010
Tucson	508,176	585,810	115,175
Total	676,073	721,010	233,185
CALIFORNIA			
Alameda	447,262	140,046	193,289
Alhambra	506,525	508,920	859,520
Anaheim	92,780	259,165	321,515
Bakersfield	56,472	82,498	59,790
Berkeley	702,535	525,925	956,950
Burbank	213,745	151,922	290,593
Chico	4,035	52,780	10,700
Colton	32,150	89,405	67,400
Compton	107,700	138,625	95,401
Coronado	56,827	43,925	91,475
Culver City	87,000	65,700	60,455
Emeryville	13,580	81,450	94,135
Eureka	4,800	67,000	118,000
Fresno	172,386	492,543	175,943
Fullerton	57,602	194,355	122,860
Huntington Park	445,660	268,666	196,925
Inglewood	135,875	155,268	136,530
Long Beach	865,470	2,260,272	2,287,240
Los Angeles	13,224,568	15,352,944	17,279,758
Modesto	34,316	60,100	37,576
Monrovia	179,600	119,450	120,000
Montebello	32,025	68,225	34,770
National City	22,805	36,960	24,250
Oakland	2,457,592	2,135,478	2,896,416
Ontario	51,350	103,500	100,275
Palo Alto	117,679	104,420	130,000
Pasadena	1,290,159	968,526	885,252
Piedmont	165,757	99,092	186,805
Pomona	130,300	153,345	215,085
Redwood City	105,231	34,402	142,535
Richmond	122,542	75,500	87,395
Riverside	77,325	127,835	156,675
Sacramento	849,290	699,047	622,072
San Bernardino	288,855	247,005	145,660
San Diego	1,567,734	846,480	800,739
San Francisco	5,036,673	5,173,801	4,652,933
San Jose	152,195	332,810	217,175
San Leandro	87,855	58,650	106,836
San Mateo	172,827		116,925
San Rafael	36,190	31,600	53,110
Santa Ana	113,605	647,780	211,970
Santa Barbara	344,625	348,010	807,280
Santa Cruz	64,557	84,100	48,755
South Gate	124,050	38,645	102,200
South San Francisco	48,350	40,400	25,058
Stockton	309,950	407,600	810,140
Vallejo	6,749	8,526	7,776
Ventura	103,925	80,850	48,380
Whittier	68,580	165,697	78,426
Total	31,392,663	34,229,243	37,290,950

IDAHO:			
Boise	34,328	40,052	71,777
NEVADA:			
Reno	25,850	32,720	26,900
OREGON:			
Eugene	427,225	93,150	465,685
Portland	2,519,275	2,523,330	3,247,290
Salem	365,300	35,000	180,000
Total	3,311,800	2,649,480	3,892,975
UTAH:			
Logan	15,200	25,200	6,000
Ogden	372,500	185,800	204,500
Provo	55,750	85,500	110,050
Salt Lake City	566,355	570,028	833,020
Total	1,009,805	866,528	1,153,620
WASHINGTON:			
Bellingham	114,179	56,870	102,630
Everett	176,762	74,272	16,801
Hoquiam	46,030	52,750	44,334
Seattle	2,329,805	2,141,385	2,151,860
Spokane	688,296	318,685	359,485
Tacoma	547,225	280,703	773,102
Vancouver	69,993	17,125	43,415
Walla Walla	27,955	22,680	52,725
Yakima	76,715	45,840	36,570
Total	4,077,060	3,010,310	3,580,922

Increased Building Activities Fail to Fill Demand For Homes

In spite of the high level of building activity which has been maintained for more than two years, it is evident that an appreciable part of the shortage resulting from the relative inaction of the war period still remains, according to the current issue of the Guaranty Survey. From time to time attempts have been made to estimate the extent of the shortage and the progress already made toward its removal. These estimates show considerable variance, but in general they tend toward the conclusion that a dearth of structures for the country as a whole is still apparent.

"The greatest obstacle to an even rate of progress in construction has been the tendency for the demand for new buildings to induce a rate of activity beyond the capacity of the industry. In the spring of 1923, for example, the huge volume of contemplated construction placed the industry in a critical position. Both wage scales and the costs of materials, which had been rising throughout 1922, were out of all proportion to the general commodity price level. In many cases it became impossible to make deliveries, and the shortage of labor resulted in renewed wage advances. The result was a situation which is best described as disorganization. Many projects were postponed, and in some instances work already under way was abandoned. The number of new projects undertaken declined sharply until late in the summer, with the result that, measured by physical volume, apparently less new construction was begun in 1923 than in the preceding year.

"A sharp recovery, however, has taken place in recent months. The value of contracts awarded during the first quarter in 36 states in 15 per cent higher than the corresponding total last year; but the increase is more than accounted for by the figures for New York City, which are more than double those of a year ago. The remainder of the country shows a decrease of about 1 per cent in total decrease of about 10 per cent in physical volume.

"The same irregularity is shown in the distribution of contracts in March. Taking into consideration the slightly higher costs, it is doubtful whether the actual physical volume represented by last month's contracts was enough larger than that for February to cover the usual seasonal movement. As compared with a year ago, March shows an increase in value of 15 per cent, which is partly, though not entirely, due to higher costs. With costs at their present level, and with the difficulties of last year in retrospect, it is not surprising that the amount of new construction planned in most sections should be somewhat lower than that of a year ago.

"In New York City building activity, especially that of a speculative sort, has been projected on such a large scale that considerable anxiety has been expressed lest the industry again overreach itself, with unfortunate results similar to those experienced last spring. The New York Building congress has recently issued an announcement that unless there is a voluntary curtailment of building plans it will undertake an active campaign to induce moderation. Not only is contemplated work in excess of the industary's physical capacity, but there is a possibility, it is thought, that an actual surplus of housing space may result from the enormous volume of speculative residential building, which has been estimated to constitute nearly three-fourths of the activity now in prospect.

"For the country as a whole, present conditions give promise of a well-balanced rate of activity throughout this year. There are, to be sure, certain factors in the present situation which are less favorable than the conditions which prevailed in 1923. The shortage is undoubtedly less acute than a year ago, and the ability of the industry to proceed in spite of rising costs is correspondingly less. On the other hand, the amount of contemplated construction in most sections is somewhat smaller."

ALLEGE DOOR MANUFACTURERS COMBINE EXISTS

Charges that seven door manufacturing companies of Oregon and Washington, producing 90 per cent of the doors manufactured in the United States, have fixed the prices of their products, in violation of the anti-trust laws, are contained in a complaint filed in the United States District Court at Portland, Ore., by John S. Coke, United States district attorney for Oregon.

The defendants are the Nicolai Door Manufacturing Company of Portland; the Wheeler-Osgood Company, Tacoma; the Henry McCleary Timber Company, McCleary, Wash.; the Buffelin Manufacturing Co., Tacoma; the Robinson Mfg. Co., Everett; the American Door Mfg. Co., Hoquiam, and the Peterman Mfg. Co., Tacoma.

A permanent injunction restraining the companies from operating under a common price list is sought.

PUBLICATIONS

The L. J. Wing Manufacturing Company has issued a new bulletin on type E motor driven blowers for forced draft, describing these simple direct connected blowers which are especially adapted to heating boilers, but also to any other boilers of moderate size where motor drive is preferred for forced draft. There are a number of illustrations showing various types of installations, with dimensions, tables of capacities, and horsepower required. Copies of the bulletin may be had by applying to the L. J. Wing Manufacturing Company, 352 W Thirteenth street, New York City.

S. J. Porter Co., Call Bldg., San Francisco, has issued an 8-page illustrated folder covering the T. M. B. mastic flooring. The company specializes in floorings for particular purposes and has laid heavy duty floors in warehouses and factories, acid proof floors in chemical plant, insulating floors in electric sub-stations, waterproof floors in canneries, dairies, ice plants and roof gardens and other places where ordinary floors fail. Copies of the folder will be mailed on request.

"Standardization—What It Is Doing for Industry," is the title of a 23-page booklet recently issued by the American Engineering Standards Committee. It describes how standardization is being carried on, first in the individual plant, second, in industry as a whole, third, and last, internationally. The publication may be had on application to the American Engineering Standards Committee, 29 W. Thirty-ninth street, New York City.

"Better Homes from Old Houses," is the title of a 16-page booklet illustrating general types of old style houses which have been built most extensively over a period of years and suggesting alterations which would transform them,, at moderate cost, into more attractive homes. The booklet is published by the Barrett Company, 40 Rector street, New York City.

"Lumber and Its Uses," by R. S. Kellogg, revised by F. H. Smith, contains a number of interesting chapters on standard sizes of lumber, shipping weights, wood preservation, hardwood flooring, lumber prices, and sources of information about timber. It is published by the U. P. C. Book Company, Incorporated, 239 W Thirty-ninth street, New York City, at $4.00, cloth binding.

U. S. Department of Commerce has issued in pamphlet form, Simplified Practice Recommendation No. 12 affecting hollow building tile. The standards are not only based on general practice throughout the country but the weights have been verified by research work at the Bureau of Standards.

CONTRA COSTA COUNTY HAS 162 MILES OF PAVED ROAD

Contra Costa County has 162.94 miles of improved highways and 402.5 miles of un-improved roads, according to figures compiled by R. R. Arnold, county surveyor, who segregates the improved highways as follows: Hydraulic concrete, 120.13 miles; asphaltic macadam, 32.54 miles; asphaltic concrete, .46 of a mile; and grades, 9.81 miles.

Structural Safety in Building Construction is Aim of Report

A joint committee on structural safety, representing architectural and engineering societies of the New York Metropolitan District, has adopted a report on Structural Safety in Building. The report is issued by the committee in advance of its discussion or adoption by the societies represented, with a view to securing criticisms and constructive suggestions. Pending action by the societies, the report represents the conclusions of the committee alone.

The report is addressed to the following: N. Y. Chapter, American Institute of Architects; N. Y. Section, Amer. Society of Civil Engineers; Brooklyn Chapter, Amer. Institute of Architects, N. Y. Chapter, Amer. Association of Engineers, New Jersey Chapter, Amer. Institute of Architects, Brooklyn Engineers Club, N. Jersey Society of Architects, N. Y. Section, American Railway Bridge and Building Assn.; N. Y. Society of Architects; American Institute of Consulting Engineers.

At a meeting of architectural and engineering societies held in New York on Oct. 17, 1923, it was decided that a joint committee of the two professions should be created to report on means of furthering structural safety in building. Consideration was given at that meeting to a report on the same subject rendered to the New York Section of the American Society of Civil Engineers in April, 1923, by a special committee, and the conclusion was reached that the proposed joint committee should carry the subject further. Representatives were subsequently named by the societies participating in the meeting and by other organizations invited by the committee itself to join in its deliberations.

Your Joint Committee on Structural safety thus constituted has held seven conference meetings, and has reached unanimous conclusions. It has adopted and hereby requests your endorsement of the following statement of principles governing safety in building construction, namely:

1. Safety in building construction would undoubtedly be assured as effectively as is humanly possible if all those having part in it were competent, honest, and actuated by a conscientious regard for the protection of the safety of others. Experience has, however, demonstrated that laws and regulations are necessary to restrain incompetent persons who seek to carry out building operations.

2. Public authorities have therefore been created and laws enacted to control building operations, but it has been found practically impossible for such authorities to control adequately the design and execution of the great number of building operations going on at the same time in populous cities. Further, if it were possible to expand and strengthen the public control over all these operations effectively, it would be undesirable to do so as it would require excessive taxation and at the same time would tend to place the burden of responsibility for safe building on the public authorities rather than where it should rest, namely, on the persons carrying out the work.

3. The owner who seeks a permit to build or alter a building does so for his own benefit, and should be required to prove in advance his regard for the safety of the public by presenting adequate plans and specifications prepared by a competent designer, and as further evidence of good faith should be required to undertake that the execution of these plans will be placed under the continuous supervision and control of the designer; that every part of the work itself will be entrusted to competent contractors and workmen; and that only proper materials will be used.

4. The structural safety of a building is directly dependent on its structural stability, and this can only be assured if the foundations and the entire structural framework are designed and built in accordance with the recognized principles of structural design, the known properties of materials, and the established methods of good construction. As a logical sequence, structural safety will be best assured if the planning and superintendence of building work is restricted to architects and structural engineers, whose education and training are intended to fit them for just such service. To insure as far as possible the competency of such professional men, advantage should be taken of the existing laws covering the registration of architects and the licensing of professional engineers by the state authorities.

5. The placing of competent professional men in responsible charge of the planning and execution of building work can only be effective in securing public safety if they are given full authority and do in fact control the work entrusted to them. The designer must therefore not only control the preparation of all plans and specifications covering structural features on which stability is dependent, but must check and approve all shop drawings and working drawings prepared by others before they are followed in construction; and he must, in fact, control, personally or by his agents, the execution of the plans and specifications and see that they are lived up to faithfully, and the entire work at every stage of its progress is carried on with due regard for the safety of the public and the workmen themselves. When clothed with such authority, however, these professional men should carry a corresponding definite and inescapable responsibility.

6. For the protection of the public, as a voucher of performance, the owner should be required, before use of the completed building is permitted, to obtain and file with the proper public authorities a certificate signed by the designer in affidavit form, stating that the work throughout has been executed in accordance with the plans and specifications, and that, to the best of his knowledge and belief, the completed building complies with all requirements of law and is structurally safe for the use specified.

7. Failure of the owner to comply in good faith with the letter or spirit of the requirements above stated should be made a penal offense and prosecuted as such; and evidence of incompetence or dishonesty on the part of the designer should be sufficient cause for legal action for the revocation of his license or registration, and where justified, for his prosecution for prejury.

8. General recognition of the principles above stated and the enactment of a law to make them effective should materially strengthen the authority and efficiency of bureaus of buildings and other public authorities intended to control building operations, and should in no way weaken or diminish their present prerogatives.

9. Building codes as now written are a selection of minute rules attempting to cover in detail all elements of building construction. It is manifestly impracticable to do this in a way to insure structural safety effectively in the great variety of situations met in building operations. When design and superintendence of construction are definitely restricted to competent professional men, these codes may be written on simpler and more effective lines, and the responsibility for safe construction thereby more definitely placed on the owner and his professional agent.

As a recommendation consistent with belief in the above principles, your representatives have adopted the following resolution, which is hereby submitted for consideration and discussion, namely:

RESOLVED, That it is the judgment of this Committee on Structural Safety that a law should be prepared to embody the following requirements, governing the granting of permits and the execution of all building operations.

The owner shall be the applicant for the building or construction permit and shall be required to accompany his application for such a permit with the following:

1st Adequate plans and specifications prepared and signed by a competent registered architect or a licensed professional engineer experienced in structural design, hereinafter called the designer.

2nd A definite undertaking executed in legal form stipulating that, if the permit is issued to the applicant, he will have all working or shop drawings covering parts and details essential to the stability of the building and required to supplement the plans which accompanied his application, fully checked, approved and signed by the designer; that he will place the execution of the work under the direct supervision and continuous control of the designer; and that he will further undertake, with the co-operation of the designer and by employing only competent contractors and workmen, to perform faithfully the work proposed in strict accordance with the plans and specifications, in compliance with all requirements of law, and with due regard to public safety.

Before a certificate of occupancy is issued by a Bureau of Buildings, or by any State or local authorities having jurisdiction, the owner shall furnish to such authorities a duly executed certificate, signed by the designer, stating that he has faithfully supervised the entire work of construction, that it has been executed in accordance with the plans, specifications and working drawings duly signed by him, and that to the best of his knowledge and belief the finished work complies with the requirements of law and is structurally safe for the use specified.

Failure on the part of the owner to comply with any of the above specified requirements shall be regarded as presumptive evidence of a violation of law, constituting a penal offence, and shall be punishable as such.

IV: If at any time after the certificate of the designer has been filed, conclusive evidence is furnished to the state licensing authorities that any statement in such certificate was false and intended to deceive, these authorities shall immediately take the necessary legal steps to have the signer put on trial for perjury, shall forthwith have his name stricken from the list of registered architects or licensed professional engineers, and shall give their action effective publicity.

V. It should be made possible at any time during the process here outlined to substitute a new owner for the original owner, provided that the new ownership is

ly recorded on the original pers by affidavit and such new ner assumes all the obligations at would have been his had he gned the original papers. Likese a new registered architect licensed professional engineer ving structural experience may substituted for the original designer of record provided that a ce transfer of all obligations all be recorded on the original pers and these obligations be sumed by the new registered architect or licensed professional engineer as if he had signed the iginal plans.

he report is signed by the Joint mittee consisting of. Wm. P. nister, F. A. Burdett, George S. w, J. H. Edwards, James B. French, bert C. Keith, Robert D. Kohn, H. Landreth, Joseph A. McCarroll, W. McConnell, C. B. Meyers, Wm. ien Morris, F. E. Schmitt, D. Everett id and Aubrey Weymouth.

GINEERING FEATS DEVELOPING FEDERAL HIGHWAYS

caisson which m.. be of record aking depth has been launched on Raritan River at Perth Amboy, y Jersey. It is to be used in the struction of the Perth Amboy highy bridge, one of the main outlets m New York City to the South, bebuilt by the State of New Jersey, l the Bureau of Public Roads, United tes Department of Agriculture, as a t of the Federal-aid highway sysn.

The caisson is a largt water-tight mework of heavy timbers which has en constructed on the banks of the eam. At high water it was launched th a spectacular splash and was imediately towed to midstream where e work of sinking it to the stream d was begun. The frame work will filled with concrete, a working amber being left at the bottom and enings through which workmen can cend and descend while excavating to lid rock 115 feet below the water rface. Compressed air will be used keep the water from entering the orking chamber and passage ways, hile workmen known as "sand hogs" cavate the material in the river's bed lowing the caisson to settle gradual- downward, other workmen at the rface will built up the timber framework and concrete filling.

Soundings by engineers indicate that lid rock will not be encountered until depth of 115 feet is reached. This is thin 9 inches of the greatest depth to hich any foundation has been sunk ith the aid of compressed air, and ssibly the record may be exceeded. his means that in the later stages of e job, the excavators must work unr an air pressure of almost 50 unds per square inch. Near the surce where the pressure will be light ey will work eight hour shifts but is will be decreased with depth and ifts may be as short as two hours ar the bottom.

Although the workmen may have to to record breaking depths, no seris trouble is anticipated from "the nds," a disorder resulting in numerus deaths on early jobs using comessed air. The trouble manifests elf when a workman comes from bew and is released from heavy air essure. A medical chamber has been nstructed where the victim of an atck can be placed again under presre which can be reduced very radually. This has been found a ery effective treatment.

The bridge is being constructed at st of $4,000,000. It is to replace the esent structure near the same site hich has been found inadequate for e heavy traffic averaging several iousand vehicles daily. This traffic as been greatly inconvenienced by pening of the draw span averaging bout 13 times daily. Every time the raw is opened a long line of vehicles kept waiting to pass. The new bridge is to be built at a sufficient height above the water so it will not be necessary to open the bridge more than one-third as often as at present, and the length of time required for opening will be greatly reduced.

Japan Potential Market For American Roofing Materials

There are probabilities that the Japanese earthquake will cause a large increase in the sale of American roofing materials to Japan says Assistant Trade Commissioner Paul P. Steintorf who has recently returned from Tokyo. Formerly the use of foreign roofing was confined to the modern business and industrial buildings in the larger cities, Mr. Steintorf states, practically all native style house having either tile or thatched roofs. The earthquake proved conclusively that such roofs were entirely too heavy for the light frame construction of Japanese houses. There were numerous instances where houses with tile or thatched roofs collapsed while similar structures having lighter roofs escaped with slight damage.

At the present time permanent construction in the cities of Tokyo and Yokohama is prohibited pending the formation by the Government of new building regulations and city plans. It is probable that these new building regulations will provide for lighter roofs. In any case the earthquake has created a desire on the part of private builders for such roofs in order to reduce the possibility of collapse.

Permanent reconstruction will require the replacement of 350,000 houses in the cities of Tokyo and Yokohama while the surrounding area will require another 150,000 buildings. In addition there are possibilities of sales throughout Japan since there is no assurance that the disaster of September 1 will not be repeated in another section.

The important considerations for a roofing on the Japanese market are lightness, fire resistance, cheapness and conformity with Japanese taste and requirements. Many types of American roofing materials answer the requirements. Cheapness, of course, refers to the price laid down in Japan. This will eliminate certain types which are subject to heavy transportation costs or handling charges or which are liable to excessive breakage in transit. However, allowing for transportation there are still many kinds of roofing which are cheap enough to compete with Japanese tile. Conformity with Japanese taste and requirements accounts for the practical monopoly of the market by Japanses tiles in the past. The Japanese are very conservative in many ways and are also very artistic. For these reasons they will cling to their present picturesque and time honored construction so far as possible. The fact that several types of American roofing are, from the Japanese viewpoint, unsightly and not adapted to Japanese type construction will eliminate them from use in permanent construction. For example, the greater part of the temporary structures erected in the damaged area since the earthquake have galvanized iron roofs. These roofs are cheap, durable, light and entirely practicable but they do not comply with the Japanese sense of the artistic and there will be, therefore, a tendency to replace them with more sightly roofs when permanent rebuilding commences. The same objection applies to certain types of prepared tar and asphalt roofs although there are others that conform to Japanese taste. Probably the best types are fireproof or fire resistant shingles.

LUMBER TRADE SHOWS FIRMER TONE

The lumber trade has continued to gain in activity as a result of good weather stimulating buildings, says the "American Lumberman," Chicago. Construction is active throughout the Pacific Coast and the South and a material quickening has been noticeable in the East, as well as in the Middle West where drying up of the roads has benefits country trade.

Conditions remain unexpectedly quiet in immediate northern markets, however. Building is some of those not having developed on the scale expected, retailers are exceedingly conservative and wholesale trade slow. This comparative dullness in the North has affected the southern pine market. Prices are slightly lower than a fortnight ago, but no actual weakness is apparent. Some increase in rail trade is reported by Douglas fir distributirs, but the market is still slow and weak.

ROOF PAINTS IN AUSTRALIA

Slate and tile roofs in the states of New South Wales and Victoria eliminated the use of roof paints. Due to the absence of slate deposits in Queensland, however, corrugated iron or steel sheets are largely used for roofing purposes. A paint or composition that would include some substance for cooling should find a ready market in Queensland, if offered at prices that would compete with locally produced paints.

TO REDUCE HARDWARE VARIETIES

Sweeping reductions in hardware used in building, which will be of vital interest to the building construction industry, whether a big contracting firm or a home builder, will be recommended at a meeting to be held in the Department of Commerce on May 20, it is announced by the Division of Simplified Practice, under whose auspices the meeting will be held.

These recommendations have been prepared by the Advisory Committee on Standardization of Builders Hardware, which has spent more than a year in co-operation with the Federal Specifications Board and the United States Bureau of Standards in an exhaustive study of the varieties of locks, butts and shelf hardware. William A. Heizmann of Reading, Pa., has been chairman of this committee, which has spent 20 full-day sessions in the preparation of recommendations.

The committee will recommend the elimination of 71 finishes of the 100 now in use. They will also recommend the retention of but 1205 items in locks, butts and shelf hardware as against a vastly greater range. Comparison with the catalog of a typical manufacturer showed that in the 1922 edition there were 2998 similar items, without the finish variations. In this case the retention will represent an elimination of 1793 items or 60 per cent.

PLANNING COMMISSION NAMED

C. M. Doxsee, president of the Geo. H. Rice Abstract Company of Redwood City, has been named chairman of the Redwood City Planning Commission. Frank K. Towne, cashier of the First National Bank of Redwood City was named secretray. Other members are A. E. Monteith, Edward Allen and Rev. C. E. Kennedy.

"STORY OF PORTLAND CEMENT" IS FEATURED ON FILM

"The Story of Portland Cement" is the latest addition to the series of industrial motion picture films released by the Department of the Interior, through the Bureau of Mines. This film, which is one reel in length, has been prepared, in co-operation with the Portland Cement Association, in commemoration of the 100th anniversary of the invention of Portland cement in 1924.

The film depicts vividly the quarrying of the raw cement rock, one especially striking scene being the setting off by electrical means of a huge dynamite blast. The loading of the loose cement rock into cars by steam shovels is shown. The pulverizing of the cement rock in giant crushers and the transporting of the crushed material on belt conveyors are depicted. Methods of wet and dry grinding of the crushed cement rock are shown. Views are given of the drying of the ground material in kilns for the purpose of driving off water and carbon dioxide. The spector is shown how, at a temperature of 2700 degrees F., cement clinker is formed, and it is pointed out that it requires the burning of a half a ton of coal to produce one tone of cement. Views of cement clinker stored in huge piles are given as well as af the final grinding of this clinker into cement. Laboratory testing methods by which the manufacture of Portland cement is at all times kept under careful chemical control are shown. An interesting feature is the depicting of the passing of Portland cement through a sieve with 40,000 holes to the square inch and which is capable of holding water. The testing of cement briquettes, to determine whether the material conforms to specifications of the Federal Government and of the American Society for Testing Matreials, is shown. Another interesting feature is the employment of intricate mechanical applainces for storing the finished cement in sacks.

Portland cement, it is pointed out in the film, has more than a thousand uses, and a few scenes, depicting the moire prominent of these, such as building construction, highways, sculpture, etc., are shown.

Copies of "The Story of Portland Cement" may be obtained by schools, commercial organizaitons, clubs and similar bodies, by applying to the Department of the Interior, Bureau of Mines, Pittsburgh, Pa.

REVISED ORDINANCE LESSENS STEEL COSTS

An amendment to the Los Angeles city building department adopted by the city council May 2 on recommendation of J. J. Backus, chief inspector of buildings, will materially reduce the cost of steel skeleton buildings. Under the old ordinance the maximum tensile stress on steel was limited to 16,000 lbs. per square inch. By the amendment this maximum is raised to $18,000 lbs., which is in accordance with a recommendation made by the American Institute of Steel Construction. The old requirements had been established for more than 20 years. At the time it was adopted the manufacture of steel had not reached the present high standard.

PENINSULA BUILDER ATTENDS EXCHANGE BANQUET

C. H. Bessett, San Mateo and Burlingame contractor, attended the annual banquet of the San Francisco Builders' Exchange. Mr. Bessett was the guest of Wm. Feary of the Western Lime & Cement Company.

Stone Production in 1923 Breaks all Previous Records

About 107,200,000 tons of stone, valued at $161,600,000, was produced in the United States in 1923, according to an estimate given out by the Department of the Interior, made from figures compiled by the Geological Survey. These figures show an increase of about 34 per cent in quantity over the output made in 1922 and an increase of nearly 17 per cent over the largest recorded output—that made in 1916. The estimated total value is 32 per cent greater than that for 1922 and is the largest on record, although the average unit value was less than that in 1920.

There was a fairly active demand during the year for all kinds of stone. The only product that apparently showed a decrease in output was stone for flagging. The final figures for this product may, however, show a slight increase, as its use for decorative walks and pavements around houses and gardens has recently been much favored by architects.

The conditions at the quarries were better in 1923 than in 1922. There were practically no strikes in 1923, and more cars were available for transportation, especially of crushed stone, than for several years. Labor was scarce and wages were high, yet the cost of quarrying apparently remained about the same. The average prices were slightly lower than in 1922.

The demand for building stone was fairly good, the increase in the quantity sold being about 22 per cent in 1923 as compared with about 43 per cent in 1922. The output of granite, which was small in 1922 on account of strikes in the quarries and in the cutting shops, showed an increase of about 30 per cent in 1923. Marble sold for use as building stone apparently increased 12 per cent, sandstone 18 per cent, and limestone 21 per cent.

The output of monumental stone, which showed only a small increase in 1922 (about 7 per cent) increased about 64 per cent in 1923. The output of marble for this use increased about 27 per cent and that of granite increased about 80 per cent over that in 1922, when it was very small, especially in New England. The greatest increase, about 150 per cent, was made in Vermont, but the increase in the rest of the country was more than 50 per cent.

The quantity of stone sold for use as paving blocks increased about 48 per cent in 1923. Over 50 per cent more granite paving blocks were sold and about 13 per cent more sandstone blocks.

The sale of curbstone increased about 44 per cent, but that of flagstone decreased slightly. The sale of stone for riprap and rubble apparently increased in 1923. The use of rubble and ashlar stone for churches and for facing residences, walls, etc., was continued in 1923.

The sale of crushed stone, which represents more than half the stone quarried, is estimated at 66,000,000 short tons in 1923, an increase of about 33 per cent over 1922. The quantity of crushed stone sold for use as railroad ballast increased about 76 per cent, and that of stone sold for use as road metal and in concrete for construction and road work increased about 25 per cent.

The use of fluxing stone, which, on account of the revival of the metal industry, increased 74 per cent in 1922, showed a further increase of about 46 per cent in 1923. The quantity sold for this use in 1923 was about 27,730,000 short tons.

The quantity of dolomite, quartzite, and mica schist sold as refractory material increased more than 25 per cent, and that of other stone, chiefly limestone, sold for use in chemical industries also increased.

The quantity of pulverized limestone sold for use in liming farm land was about 1,500,000 short tons, an increase of 25 per cent over the quantity sold in 1922.

Lumber Exports Increase in 1923

Our tenth principal export in 1923 was lumber — boards, planks and scantling—which was valued at $81,057,000, or 41 per cent above the preceding year's value. The gain in quantity shipped was not so large—14 per cent—or from 1,533,000 to 1,753,000 thousand board feet. This, however was 17 per cent below the average exports before the war, according to an anaylsis of "Our World Trade in 1923," just issued by the Foreign Commerce Department of the Chamber of Commerce of the United States. The best markets for Southern yellow pine were Argentina, Cuba, Great Britain, Mexico, Canada and Spain in the order named; for Douglas firs, Japan, Australia, Peru, China and Chile; for oak, Great Britain, Canada, Argentina and Belgium. Logs and round, hewn and sawed timber exports amounted in 1923 to $26,584,000, or double the 1923 figure of $12,772,000. At the same time there was a gain in quantity exported of 68 per cent, or from 448,931 to 751,880 thousand board feet. This quantity was 16 per cent above the pre-war average shipments, and constituted a high mark for the 14 years in which complete quantity data were available.

The lumber, timber and manufactures group as a whole made a 49 per cent gain above the 1922 values—from $98,243,000 to $145,961,000.

Many large gains in quantity of lumber products exported were noted in 1923 as compared with 1922: veneers and plywood 66 per cent, cooperage shooks 58 per cent, railroad ties 58 per cent, box shooks 46 per cent, tool handles 41 per cent, and staves 33 per cent. Wood pulp exports were off 6 per cent. Imports of lumber made a record with receipts in 1923 of 1,959,000 thousand feet. The previous high mark was made in 1922.

Among the lumber import items in 1923 the following increases over 1922 were recorded in value: boards, planks and scantlings 35 per cent, cabinet woods in log 23 per cent, plup wood 22 per cent and wood pulp 18 per cent. In quantity a 26 per cent increase was made by boards, planks, etc., mahogany logs gains 7 per cent; laths 10 per cent and shingles 11 per cent.

SAN JOSE BUILDING

Building permits issued in San Jose for new construction during April totaled $144,445 and for alterations and additions to standing structures $10,750, making a grand total of $155,195. During April, 1923, the total registered $332,810 which included a permit for an addition to the States Teachers' College costing $107,600. Home building continues to be the most active construction in San Jose.

Building News Section

APARTMENTS

ontract Awarded.
PT. HOUSE Cost ,$100,000
AN FRANCISCO, NW Cor. Ellis and Hyde Sts.
ix-story reinforced concrete apartment house.
wner—J. J. Kingwell.
rchitect—Baumann & Jose, 251 Kearny St., San Francisco.
ontractor—Vannucci Bros., 16th and Church Sts., San Francisco.

SEATTLE, Wash.—Hans Pederson, Alaska Bldg., at approx. $100,000 warded contr. to erect 3-story and asc., masonry apartments at 615 Belleue Ave. N., for W. H. and G. H. Bergman. Will be 186 by 101 feet, divided nto 3-room apartments. Chas. Haynes, rchitect.

Plans Being Prepared.
APT. BLDG. Cost, $45,000
SAN FRANCISCO, N Filbert 108 W Van Ness Ave.
Three-story frame apartment building (12 apartments).
Owner—Ben Liebman.
Architect—Richard R. Irvine, 507 Call Bldg., San Francisco.

Figures To Be Taken Next Week.
APARTMENTS Cost, $35,000
SAN FRANCISCO, West Side Franklin 112½ S Francisco.
Three-story frame (12) apartments.
Owner—Mr. C. Giugni.
Architect—Richard R. Irvine, 507 Call Bldg., San Francisco.

Contract Awarded.
APARTMENTS Cost, $14,500
SACRAMENTO, 900 G.
Two-story (8) apartments and garage.
Owner—J. . Andreassen, 705 9th, Sacramento.
Contractor—H. Golding, 1116 5th Sacramento.

Contract Awarded.
APT. BLDG. Cost, $17,300
SAN FRANCISCO, W 10-6 150 N Clement.
Two-story and basement frame apartment building.
Owner—Emma L. Hayburn.
Architect — O'Brien Bros., Inc., 315 Montgomery St., San Francisco.
Contractor—F. L. Hansen, Inc., 251 Kearny St., San Francisco.

Sub-Contract Awarded.
APARTMENTS ETC. Cost, $200,000
SAN FRANCISCO, N Turk St. 87-6 W Leavenworth.
Seven-story and basement reinforced concrete apartment and store building (2 stores and 50 2-room apartments)
Owner—A. Penziner, 750 Taylor St., San Francisco.
Plans by owner.
Cement awarded to F. L. Hansen.
Figures on other portions of work being taken.

Contract Awarded.
APARTMENTS Cost, $45,000
OAKLAND, Alameda Co., Cal. Twelfth St., bet. Grove and Castro Sts.
Three-story brick apartment house.
Owner — J. Mendelson, 892 54th St., Oakland.
Architect — Miller & Warnecke, Perry Bldg., Oakland.
Contractor—A. Daniel, 1113 Broadway, Oakland.

Owner Taking Figures.
APARTMENTS Cost, $18,000
SAN FRANCISCO, SE Fair Oaks and 21st St.
Two-story and basement frame (7) apartments.
Owner—E. V. Lacey, 3185 21st St., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.

Plans Complete.
APT. HOUSE Cost, $12,750
SAN JOSE, 228 E San Carlos
Two-story (8) apt. house.
Owner—T. P. Mitchell, 1105 S 7th St., San Jose.
Architect—Howard Waltz, 132 Balbach, San Jose.

Contract Awarded.
APARTMENTS Cost, $28,000 approx.
SAN FRANCISCO, E Valencia 30 S Duboce Ave.
Three-story and basement frame (11) apartments.
Owner—Gerhard Bruns, Burlingame.
Architect—G. A. Berger, 261 Valencia St., San Francisco.
Contractor—A. Dahlberg, 3525 Sacramento St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $20,000
SAN FRANCISCO, W 26th Ave., 340 S Geary.
Two-story and basement frame (8) apartments.
Owner—John Kanter, 5232 Geary St., San Francisco.
Architect—Archie Newsom, Wells Fargo Bldg., San Francisco.
Contractor—Wm. McIntosh, 180 Jessie St., San Francisco.

Sub Contracts Awarded.
APARTMENTS Cost, $40,000
SAN FRANCISCO, S O'Farrell 114-6 E Larkin.
Four-story and basement concrete (32) apartments.
Owner—E. V. Lacey, 180 Jessie Street San Francisco.
Plastering to Jas. Greenback, 371 Waller St., San Francisco.
Reinforcing steel to Badt, Falk Co, Call Bldg., San Francisco.
As previously reported, trenching, leveling, backfilling conc. forms, concrete work awarded to L. Vannucci Bros., 16th and Valencia Sts., S. F., at $17,200.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. **Fold-up-Dors,** Ti-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-slipping flooring. — Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET

Sutter 5907 San Francisco

Sub Contracts Awarded.
APARTMENTS Cost, $12,000
SAN FRANCISCO, S Cabrillo 85 E 7th Avenue.
Two-story and basement frame and stucco apt-flat bldg. (2 5-rm apts.)
Owner—Capt. C. E. Allen, 110 Sutter St., San Francisco.
Architect—A. J. Horstmann, 110 Sutter St., San Francisco.
Concrete to John Moroncill, 11 Bennington St.
Plumbing and heating to Geo. Rehn.
Electrical work to Strom & Sons, 2884 Mission St.
Plastering to John O'Connor, 533 21st Ave.
Stair work to Pierano.
Tiling to Tom O'Connor, 1721 Quesada.
Mill work to Chase Planing Mill.

Figures To Be Taken Next Week.
APARTMENTS Cost, $35,000
SAN FRANCISCO, Taylor near Broadway.
Two-story frame apts. (6 3-room apts)
Owner—Mr. Gohalan.
Architect—Edw. E. Young, 2002 California St., San Francisco.

Owner Taking Segregated Figures.
APARTMENTS Cost, $90,000
SAN FRANCISCO, N Sutter 87-6 W Leavenworth.
Six-story and basement brick (46) apartments.
Owner—J. Steur, 760 Geary St., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.

LOS ANGELES, Los Angeles Co., Cal. —Architect S. Charles Lee, 392 Douglas Bldg., is completing plans for a two-story, 60-room apartment building to be erected at 532 Hobart Blvd. for I. W. Fisk. Two-story, 60x140 feet, brick walls, composition roofing, gas steam heating system, tile baths and drainboards, hardwood floors, hardwood trim, fire escapes, elevator, incinerator, wallbeds, refrigerators. Cost, $75,000.

LOS ANGELES, Los Angeles Co., Cal.—Wm. Simpson Constr. Co., Hollywood-Security Bldg., has the contract to complete the Class A apartment building being erected on Ivar Ave. near Hollywood Blvd.; the building is being completed under a trust agreement; R. W. Burns, trustee. It is reinforced concrete construction and the work will include the concrete work for two additional stories and all finish work. The cost to complete the building will be about $1,100,000.

BONDS

OAKLAND, Cal. — Alameda County voters fail to endorse $4,500,000 bond issue to purchase site and finance erection of new courthouse.

BAKERSFIELD, Kern Co., Cal. — Election will be held May 31 in Rockpile School District to vote bonds of $30,000 to finance erection of new school. Trustees of district are; J. D. Deemer, Frank Brown and M. T. Neumarkle.

SAN BERNARDINO, Cal. — County rejects bond issue for $850,000 to finance purchase of site and erection of new county courthouse.

OAKLAND, Cal. — Alameda County votes bonds of $1,800,000 to finance completion of Highland (county) hospital. Architect Henry H. Meyers, Kohl Bldg., San Francisco, is architect.

SANTA ROSA, Sonoma Co., Cal.—Election will be held May 31 in Windsor School District to vote bonds of $5000 to finance school improvements. Trustees of district are: Mrs. R. S. Hagadorn, E. A. Small and C. J. Martin.

WEED, Siskiyou Co., Cal.—Until June 2, bids will be rec. by county supervisors for purchase of $30,000 bond issue of Weed Union Grammar School District; proceeds of sale to finance school improvements.

ALAMEDA, Alameda Co., Sal.—Board of Education sells $250,000 bond issue for premium of $1051; proceeds of sale to finance construction of addition to Lincoln school.

SAN FRANCISCO—Recommendation has been made by "Investigation Committee" of Board of Education that another school bond issue be submitted to the voters providing for the issuance of from $15,000,000 to $20,000,000 in bonds to finance purchase of sites and erection of new schools. The construction of twelve junior high schools is recommended.

SACRAMENTO, Calif.—Election will be held May 31 in Sierra School District to vote bonds of $12,000 to finance school improvements. Trustees of district are: W. E. Barmby, George Winkelman and E. E. McConnell.

BAKERSFIELD, Kern Co., Cal. — Election will be held May 31 in Rockpile School District to vote bonds of $30,000 to finance school improvements Trustees of district are: J. D. Deemer, Frank Brown and M. F. Neumarkel.

SACRAMENTO, Cal. — Time set to vote bonds of $550,000 to finance construction of new junior college buildings has been postponed from May 17 to June 7. Change of date was necessary due to errors in official advertising. Chas. C. Hughes is secy. of Board of Education.

DAVIS, Yolo Co., Cal.—Trustees of Davis Grammar School District contemplate bond election to secure funds to finance construction of addition to present school.

RIVERDALE, Fresno Co., Cal.—Election held in Riverdale School District to vote bonds of $38,000 to finance construction of grammar school failed to carry by seven votes. Another election is probable.

SAN JOSE, Santa Clara Co., Cal.—Election will be held June 4 in West Side Union High School District to vote bonds of $250,000 to finance construction of new high school buildings. Trustees of district are: Arch Wilson, H. G. Stelling, A. C. Butcher, C. C. Spaulding and Leo H. Vishoot.

EUREKA, Humboldt Co., Cal.—County supervisors sell $450,000 Eureka junior high school bond issue for premium of $5826.50; proceeds of sale to finance erection of group of junior high school buildings, plans for which are being completed by Architect J. J. Donovan, 6339 Telegraph, Oakland.

LOS ANGELES, Los Angeles Co., Cal. —An election will be held June 10 to vote on a $45,000 bond issue to be used as follows: $25,000 for high school purposes and $20,000 for grammar schools. The high school work will comprise the purchase of lands, $10,000 and improvements, $15,000. The grammar school funds will be used for the addition of two rooms, toilets, etc., to the grammar school building.

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VISALIA, Tulare Co., Cal. — County supervisors sell $15,000 bond issue of Earlimart School District for premium of $4118; proceeds to finance addition of two rooms to present school.

CHURCHES

Plans Being Prepared.
CHURCH Cost, $60,000
PIEDMONT, Alameda Co., Cal.
Class C church.
Owner—St. Luke's Parish.
Architect—Geo. E. McCrea, 369 Pine St. San Francisco.

SACRAMENTO, Cal.—Fremont Park Presbyterian Church, formerly located at 15th and O Sts., East Sacramento, will purchase a site at 33rd and J Sts., and plans early construction of a $100,000 edifice. The old structure was recently destroyed by fire. The new building will comprise three units, an auditorium, Sunday school quarters and recreation hall.

SAN FERNANDO, L. A. Co., Cal. — Archt. Robert Orr, 1305 Corporation Bldg., has completed plans and will take bids next week, for a church bldg., to be erected at San Fernando, for the San Fernando Presbyterian Church; it will have auditorium to seat about 250 people, 15 classrms., Sunday school assembly hall, Brick veneer, 2-story and basement, 92x96 ft., comp. rfg., cem. pins and hardwd fls., gas unit htg. system, water htr., art glass, pine trim; $50,000.

SANTA BARBARA, Santa Barbara Co., Cal.—J. M. Williamson, Santa Barbara, has the contract at $54,000 to erect a Sunday school bldg. at corner Chapala and Pedregost Sts., Santa Barbara, for the Central Christian Church. It will contain classrms and assembly hall. Robert Orr, 1305 Corporation Bldg archt. Frame and plaster constr., tile rfg., gas htg., pine and hardwd. fls., art glass, pine and hardwd trim; there will be a large church unit erected later.

SEATTLE, Wash.—Architects Beezer Bros., Seaboard Bldg., Seattle, (1915 Steiner St., San Francisco), are completing plans for Church of the Blessed Sacrament to be erected at 9th Ave. Northeast and 52nd St. Main body of church will seat 1125 and the choir gallery 90 persons. Total length of structure is 186 feet and width at transcepts is 104 feet. Contract for stone work has been awarded to Edward Flatebo at approx. $20,000.

LONG BEACH, Los Angeles Co., Cal. —Committees of the Grace Methodist Church of Long Beach, are preparing preliminaries toward the erection of a group of new buildings. Tentative considerations include a $75,000 Sunday school building, $75,000 recreation building and a $75,000 church auditorium.

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LONG BEACH, Los Angeles Co., Cal. —The First M. E. Church, Pacific Ave. and 5th St., Long Beach, is contemplating the remodeling of its present church building at a cost of about $115,000.

FACTORIES AND WAREHOUSES

Contract Awarded.
FACTORY Cost, $18,380
BERKELEY, 5th St. and Snyder Ave.
Factory.
Owner—Hall Scott Motor Co., premises
Contractor—Austin Co. of Calif., Santa Fe Bldg., San Francisco.

Sub Contracts Awarded.
FACTORY Cost, $97,625
OAKLAND, Blk bdd. 46th St., Linden St 45th St. and Adeline St.
Two-story reinforced concrete factory
Owner—Aluminum Cooking Utensil Co.
Contractor—K. E. Parker Co.
Excavating to Arris Knapp Co.
Steel to Tuscon Steel Co.
5000 Broadway, Oakland.
Figures will be taken for other portions of work shortly.
Sand and rock to Oakland Paving Co.,

Contract Awarded.
MACHINE SHOP Cost, $300,000
SAN FRANCISCO, Block bounded by 17th, Mariposa, Florida and Alabama Sts.
Three-story reinforced concrete and brick machine shop.
Owner—American Can Co., 120 Broadway, New York, N. Y.
Plans by company engineers.
Contractor — Lindgren & Swinerton. Standard Oil Bldg., San Francisco.

Segregated Bids Being Taken.
FACTORY Cost, $90,000
EMERYVILLE, 45th & Hollis Sts.
One-story mill constructed factory 120 by 256.
Owner—J. R. Watkins.
Engineer—R. V. Woods, 505 17th St., Oakland.
Contractor—N. J. Christensen, 505 17th St., Oakland.

HANFORD, Kings Co., Cal.—C. B. Williams of San Francisco has leased a site 200 by 21 ft. in the vicinity of Banner station and contemplates early construction of a fruit packing plant.

LOS ANGELES CO., Cal.—Shutt Bros., building contractors, 1410 E. 15th St., Long Beach, have been granted permission by the county board of supervisors to erect a furniture factory building in the strip of land between the cities of Signal Hill and Long Beach. Reported cost, $200,000.

CARPINTERIA, L. A. Co., Cal. — Farmers of the valley are planning to organize for the construction of a new fruit packing plant in the district. Prof. R. E. Milliken of the Cal. Fruit Growers Exchange is interested.

SAN DIEGO, Cal.—Vitrified Products Corp. is to expend about $75,000 on an addition to the company's brick and tile factory at Old Town. Four kilns will be aded together with considerable new machinery.

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PETALUMA, Sonoma Co., Cal.—Vogensen Construction Co., Petaluma, awarded contract by Poultry Producers of Central California to erect precooling plant in East Petaluma.

DELANO, Kern Co., Cal—Delano Cotton Co. has been incorporated and is said to be planning to erect a five-stand, eighty-saw Lummus gin, electrically operated; est. cost, $25,000. Frank E. Green, pres. of the Growers Security Bank; William Halleck, Los Angeles, are members of the board. Machinery has been ordered. The same company proposes to construct a similar type gin at Pixley, construction to start June 1.

SAN FRANCISCO—S. L. Kronenberger, representing the Bernard-Ulman Co., of New York, is in San Francisco (Hotel St. Francis) completing arrangements for establishment of a textile plant to be located in San Francisco or its immediate vicinity. Temporary quarters will be opened at 984 Mission street where three floors have been leased by Kronenberger. The New York concern is a $1,000,000 corporation.

LOS ANGELES, Los Angeles Co., Cal.—Architect W. J. Saunders, 227 Laughlin Bldg., has completed plans and is taking bids for erecting a Class A warehouse and store building at the northeast corner of 3rd and Alameda Sts. for Neptune Meter Co. It will be a three-story and basement, 117x131 ft., designed for 6 stories, reinforced concrete construction, pressed brick facing, plate glass windows, steel sash, metal skylights, two elevators.

SAN FRANCISCO—Knapp Metal Barrel Company of the Pacific Coast, having obtained control of patents owned by S. A. Knapp of Berkeley, Calif., plans early construction of a plant at the Parr Terminal, Oakland, for the manufacture of metal locking-head barrels and other containers to facilitate the transportations of lime, asphaltum, cement and similar commodities, the containers to cost considerably less than the wooden barrels now in general use. Former Governor James N. Gillett heads the corporation with Louis M. Hoeffler, attorney, 593 Market St., San Francisco, as vice-president. W. S. Pardy of the Pacific States Loan & Savings Society is secretary and W. L. McGuire, former secretary of the California State Banking Commission, is treasurer. Others in the directrate include Frank E. Carroll, Stanley E. Dunleavy, J. W. Boaz and S. P. Schary. Headquarters have been established in the Balboa Building, San Francisco.

FLATS

Contract Awarded.
FLATS & STORE Cost, $10,500
SAN FRANCISCO, N Union 130 E Buchanan.
Two-story and basement frame (2) flats and store.
Owner—V. Franceschi, 1993 Union St., San Francisco.
Architect—J. A. Porporato, 619 Washington St., San Francisco.
Contractor—G. Ferroni & Son, 1926 Filbert St., San Francisco.

Contract Awarded.
FLATS Cost, $12,750
SAN FRANCISCO, W Powell 45 S Jackson.
Three-story frame (2) flats.
Owner—G. Aranda, care architect.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor—Carl Wengard, 1286 34th Ave., San Francisco.

Figures Being Taken.
FLATS Cost, $12,000
SAN FRANCISCO, Clay St.
Two-story and basement frame and stucco flats (2 6-room flats).
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, E 15th Ave. 150 S Lincoln Way.
Two-story and basement frame (2) flats.
Owner—Anna C. Moren, 3225 Market St., San Francisco.
Contractor — George R. Moren, 3225 Market St., San Francisco.

Figures To Be Taken in Two Weeks.
FLATS Cost, $36,000
SAN FRANCISCO, Southwest Corner Grove and Octavia.
Two-story and basement (2) flats.
Owner—E. V. Lacy, 180 Jessie St., San Francisco.

Plans Complete.
FLATS Cost, $11,000
SAN FRANCISCO, S Clay 218-9 W Fillmore.
Two-story and basement frame (2) flats.
Owner—J. P. Casson, care architect.
Architect—Albert J. Fabre and Ernest Hildebrand, 110 Sutter St., San Francisco.

GARAGES

Contract Awarded.
GARAGE Cost, $20,000
SAN FRANCISCO, SW Jackson and Montgomery
Three-story and basement concrete (public) garage.
Owner—T. Demicheli, 1517 Jones St., San Francisco.
Contractor — G. B. Pasqualetti, 2330 Larkin St., San Francisco.

Contract Awarded.
BATTERY STATION Cost, $22,000
SACRAMENTO, Cal., I bet. 15th and 16th Sts.
One-story brick and steel auto battery station (Willard Battery Station)
Owner—Russell & Logan.
Architect—Hemmings & Starks, Ochsner Bldg., Sacramento.
Contractor—Holdener Const. Co., 2608 R St., Sacramento.

YUBA CITY, Sutter Co., Cal.—J. J. Madigan, Vallejo, will erect a two-story 85x125 ft. garage building in Bridge St. Upper floor will be occupied as sales and display room for auto products.

Sub Contracts Awarded.
GARAGE Cost, $70,000
SAN FRANCISCO, N O'Farrell St. near Leavenworth.
Two-story and basement reinforced concrete garage.
Owner—Mt. Olivet Cemetery.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., San Francisco.
Concrete awarded to H. L. Peterson.
Grading to L. B. Sibley, 90 Divisadero Street.

LOS ANGELES, Cal.—Archts. Noerenberg & Johnson, 401 L. A. Ry. Bldg., have completed plans for a 6-story class A garage bldg. to be erected on Westlake Ave. near Orange St. for the Westlake Fireproof Garage Co. Reinf. conc. constr., 6-story and basement; 55x150 ft., conc. fls., elevators, comp. rfg., plate glass, steel sash, ramps; owner will erect.

LOS ANGELES, Los Angeles Co., Cal.—Architect C. R. Spink, 5878 Hollywood Blvd., has prepared plans for a one-story brick auto sales and garage building to be erected at the southeast corner of Sunset Blvd. and Van Ness Ave. for Kratner & Parritt. Dimensions, 130x159 ft., brick walls, pressed brick facing, tile and composition roofing, steel beams, plate glass windows, metal skylights, cement floor. Cost, $50,000.

GOVERNMENT WORK AND SUPPLIES

WASHINGTON, D. C. Army Engineer Corps announce allotment of $20,000 from current river and harbor funds for work on the Sacramento river, California.

WASHINGTON, D. C.—Until May 16, 10:30 A. M., bids will be rec. by Panama Canal Commission, under Circular No. 2352, to fur. and del. Balboa (Pacific Port):

Drills, Bolts, Nuts, Rivets, Washers, Nails, Tacks, Stocks and Dies, Boiler Punches, Blacksmith Punches, Steel Tires, Saws, Pipe Tongs, Shovels, Garage Testing Instrument, Storage Batteries, Varnish, Asphalt-saturated Felt Roofing, Iron or Steel Cement Compound, etc. Further information obtainable from Assistant Purchasing Agent at Fort Mason, San Francisco.

WASHINGTON, D. C.—Until May 22, 10:30 A. M., bids will be rec. by Purchasing Officer, Panama Canal, under Circular No. 1607 to fur. and del. Balboa (Pacific Port): Structural steel, pipe and fittings, valves, sinks, range boilers, clean-cut, water-closets and bowls, floor drains, Pierce pine, liquid door checks, fans, vitrified conduit, batteries, lamp sockets, lamp cord, copper wire, magnet wire, brushes, brooms, mop head and handles, screws, hinges, nuts, tacks, paint pots, truck casters, chain links, journal jacks, grease cups, door locks, wheelbarrows, grindstones, water coolers, plumbers' furnaces, cuspiders, asbestos gloves, lanterns, etc. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

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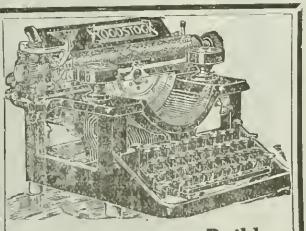

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SAN FRANCISCO—Until May 19, 11 a. m., under Order No. 5313, bids will be rec. by U. S. Engineer Office, 85 2nd St., to fur. approx. 1500 tons of rip-rap stone required on wingdams in the vicinity of Sacramento. Bids desired for material delivered, f. o. b. r.r. cars at bidder's plant; f. o. b. cars, Sacramento or f. o. b. barges at Sacramento.

SAN DIEGO, San Diego Co., Cal. — Until 11 a. m., June 4, bids will be rec. by the bureau of yards and docks, navy dept., Washington, D. C., for constructing hospital at the naval operating base, San Diego, under spec. 4955. The work is included under three parts, as follows: (1) Buildings, including plain and reinforced concrete; artificial stone; brick and hollow tile work stucco work; structural steel; wood framing, sash, doors and finish; plaster and metal lath; interior marble and tile work; tile and built-up roofing; sheet metal work; steel sash; steel doors; hardware; painting and glazing; electrically operated dumb waiter; composition floors, and window and door screens; (2) plumbing work, including outside sewer, drainage, water and gas; and inside soil, vent, drain and gas piping; hot an cold water lines; interior stand pipe system; all valves, fittings and plumbing fixtures; (3) complete heating and steam distributing systems for the buildings and an extension to the outside steam distributing system, including trap return and vacuum return lines; hot water heaters; underground concrete trenches; manholes; and cast iron manhole frames and covers; an incinerator plant with hot water covers, cleaning and sterilizing equipment, etc. Information regarding the above may be obtained from the public works officer, U. S. N., San Diego, Calif., and contractors desiring plans should forward immediately to this office, or to the bureau of yards and docks, navy department, Washington, D. C., check or postal money order, payable to the Chief of Bureau of Yards and Docks. Deposits shall be in the following amounts: (1) $75, (2) $75, (3) $25, and complete (all parts), $125. De Witt C. Webb, commander, (C. E. C.), U. S. N., public works officer, San Diego.

WASHINGTON, D. C.—The Treasury Department, Office of the Supervising Architect, opened the following bids on May 8, 1924, for the construction, including mechanical equipment of a one-story and basement hollow tile Post Office building, approximately 73 by 127 feet in size, at Bakersfield, Calif.

Stiles Construction Co., Oklahoma City, Okla.	$109,789
George A. Whittmyer & Sons	118,800
W. D. Lovell	121,900
William G. Reed	124,397
Cochrane Boehm Company	124,913
Schuler & McDonald	125,000
Devault & Dietrick	128,567
R. E. Campbell	136,905
George Griffiths	137,713

SAN FRANCISCO—Until May 19, 11 a. m. bids will be rec. by U. S. Engineer Office, 85 -2nd st., under Order No. 5312, to fur. and del. approx. 11,600 lin. ft. piling, to be Douglas Fir. Bids are desired for following lengths.

40 lengths approx. 35-ft.
160 " " 40 to 45-ft.
30 " " 50-ft.
30 " " 60-ft.

Further information obtainable from above office.

DENVER, Colo.—U. S. Mfg. Co., Boise Idaho, at $1913 awarded cont. by U. S. Bureau of Reclamation for fur. radial gates and radial gate hoists, under Specification No. 355-D. Other bids were: McGann Mfg. Co., Pork, Pa., $2,677.20; The Vulcan Iron Works, Denver, Colo., $2082; The R. Hardesty Mfg. Co., Denver, Colo., incomplete; Joshua Hendy Iron Works, San Francisco, $2867.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, to fur. and del. following materials to Navy Yards date for opening bids as noted at close of each paragraph:

Sched. 2118, for all ports, lubricating oils, May 30.

Sched. 2119, for all ports, lubricating oils, May 20.

Sched. 2133, eastern & western yards valves and cocks, May 20.

Sched 2137, for Mare Island, 60 diving outfits, May 20.

Sched. 2140, eastern and western yards, cotter and escutcheon pins, machine and wood screws, etc., May 27.

Sched. 2142, for San Diego and Puget Sound, 1730 gals. glycerine, May 27.

Sched. 2149, eastern and western yards, miscellaneous wire rope, May 20.

Schedule 2152, eastern and western yards, electric drills and grinders, May 27.

Sche. 2155, for Mare Island, 200 fire extinguisher charges, May 27.

Sched. 2156, for eastern and western yards, miscellaneous paint brushes and daubers, May 27.

SAN DIEGO, Cal. — Lipscomb and Dutton, San Diego, at $1376, time to complete 60 days, awarded cont. by Bureau of Yards and Docks, Navy Department, Washington, D. C., to const. tender piles and dolphins at San Diego, under Specification 4947

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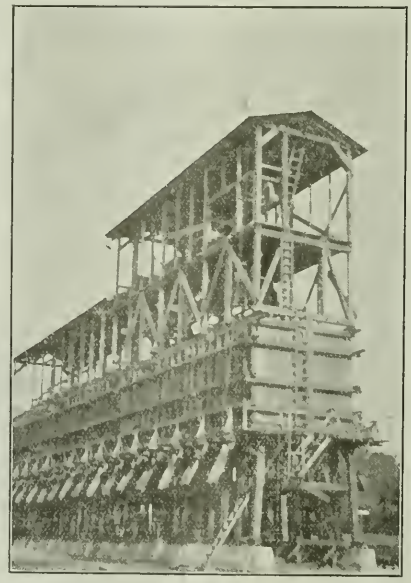
* * *
OF SANDY'S rock-crushing plant.
* * *
AT PRATTROCK near Folsom.
* * *
AND 20 miles from Sacramento.
* * *
ENGINEERS FROM far and wide.
* * *
SAY THAT Sandy's plant.
* * *
TO CRUSH the cobbles.

LEFT BY the gold dredger.
* * *
IS THE most complete.
* * *
AND UP-TO-DATE crushing plant.
* * *
THEY HAVE seen.
* * *
IN SOME time.
* * *
EVERYBODY THAT drives in.
* * *
TO PRATTROCK (Sandy's new city).
* * *
IS SURPRISED.
* * *
THEY CAN'T comprehend.
* * *
WHAT A $250,000 plant.
* * *
TO PRODUCE CRUSHED rock.
* * *
AND WASHED gravel.
* * *
LOOKS LIKE.
* * *
"I THANK you."



The bunker of Sandy Pratt's rock crushing plant at Prattrock, near Folsom. It is 75 feet from the eaves to the ground. These bunkers hold 40 carloads of crushed rock, washed gravel, rock screenings, and sand. Notice steel chutes on either side of the bunkers to load into railroad cars. Pratt has railroad tracks for 30 empty or 30 loaded cars. At the top of the bunkers is the screen to separate the crushed rock into different sizes.

DENVER, Colo.—Until May 31, blds will be rec. by U. S. Bureau of Reclamation, to fur. screw and hand lift vertical gates under Specification No. 356-D, for North Platte project, Nebraska-Wyoming, involv. approx. 54,000 lbs. metal work.

HALLS AND SOCIETY BUILDINGS

Plans Being Prepared.
BUILDINGS Cost, $90,000
LAKE ORINDA, Contra Costa Co.
Group of buildings consisting of store warehouse, swimming tank and golf and country club house.
Owner— ——.
Architect—W. H. Crim Jr. & Hamilton Murdock, 425 Kearny St., S. F.

Contract Awarded.
LODGE BLDG. Cost, $30,000
BERKELEY, Solano & Colusa Aves.
Two-story frame and stucco lodge bldg
Owner—Thousand Oaks Masonic Lodge
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Larsen & Siegrist, Spreckels Bldg., San Francisco.

Figures To Be Taken Next Week.
ADDITION Cost, $20,000
BURLINGAME, San Mateo Co., Cal., Burlingame Country Club.
An additional one-story frame and stucco bldg containing sleeping quarters equipped with baths and garage space in basement.
Owner—Burlingame Country Club.
Architect—Thomas J. Kent care Lewis P. Hobart, Crocker Bldg., S. F.

Figures To Be Taken Next Week.
FRATERNITY HOUSE Cost, $30,000
BERKELEY, Alameda Co., Cal., Euclid Ave. near Le Conte St.
Two-story and basement frame and stucco fraternity house.
Owner—Tau Kappa Epsilon.
Architect—Masten & Hurd, 278 Post St. San Francisco.

Figures Being Taken.
CLUB BLDG. Cost, $200,000
SAN FRANCISCO, Lakeside Golf Links
Two-story frame and stucco Spanish style club bldg. (clubrooms, living rooms, lockers, swimming tank, etc)
Owner—Olympic Club.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.

Owner Taking Segregated Figures.
COUNTRY CLUB Cost, $50,000
HAYWARD, Crow Canyon Road off Dublin Highway, 726 acres.
One-story frame and stucco country club.
Owner—East Bay Country Club.
Architect—W. A. Doctor, 388 12th St., Oakland.
W. C. Bohanan, secretary of East Bay Country Club, is receiving blds at his office in the Med Bldg., Oakland.

Plans Being Completed.
FRATERNITY HOUSE Cost, $30,000
BERKELEY, Alameda Co., Cal., Euclid Ave., bet. Le Conte and Virginia.
Two-story and basement frame and stucco fraternity house.
Owner—Del Rey Fraternity.
Architect—Masten & Hurd, 278 Post St. San Francisco.
Contractor — John P. Brennan, 2110 Shattuck Ave., Berkeley.

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EXPERT POWDER WORK
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Equipped with Stump Pullers and Power Saws
3212 Baker St., Berkeley, Calif.

Figures Being Taken.
ADDITION Cost, $20,000
BURLINGAME, San Mateo Co., Cal., Burlingame Country Club.
An additional one-story frame and stucco bldg. containing sleeping quarters equipped with baths and garage space in basement.
Owner—Burlingame Country Club.
Architect—Thomas J. Kent care Lewis P. Hobart, Crocker Bldg., S. F.

Contract Awarded.
LODGE BLDG. Cost, $26,000
BERKELEY, 895 Colusa.
Two-story lodge building.
Owner—Thousand Oaks Masonic Temple.
Architect—Paul L. Dregan, 369 Pine St., San Francisco.
Contractor—Larsen Siegrist Co., 34th Ave., Oakland.

MONROVIA, L. A. Co., Cal.—Local B. P. O. E. lodge members think that work can be started about July 1 on the proposed new $80,000 clubhouse. A site is owned on West White Oak. The club will have a membership of 400 by summer time, according to estimates. There are at present 300 members.

LOS ANGELES, Cal.—County supervisors contemplate early construction of $1,000,000 structure to house American Legion headquarters.

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San Francisco, Calif.

LOS ANGELES, Los Angeles Co., Cal.—Architect Loy L. Smith, 218 Bryne Bldg., is completing plans for a club building to be erected at 833 S. Spring St. for the City Club; the first floor will be used for offices and clubrooms, including sleeping rooms, kitchen, dining room, reading rooms, restrooms, etc. Brick walls, 5-story and basement, steel frame, 50x155 ft., composition roofing, pressed brick and terra cotta facing, plate glass, steam heating sys., electric elevators, hardwood, tile and cement floors, pine and hardwood trim.

LOS ANGELES, Los Angeles Co., Cal. Young Men's Christian Association, through its district office, 106A E. Broadway, is starting a campaign to raise $275,000 for a new Y. M. C. A. building. Several sites are under consideration, according to Park Arnold, chairman of the building committee, and a definite location will be selected in a few days, although the actual campaign for funds will not be started until about September.

MONROVIA, L. A. Co., Cal. — Stockholders of the Norumbega Town and Country Club have authorized the construction of a new $45,000 clubhouse as soon soon as the quarantine is lifted, although considerable preliminary work on the roads and water system are necessary before actual work can be started. There will be a main swimming pool, 100x35 ft., with a smaller pool for children. The club has already paid $71,000 for 166 acres. Fred Schwartz is secy. and treas. and Edwin Skedden is in charge of the membership campaign.

MT. VERNON, Wash. — Architects Stephen, Stephen & Brust, Thompson Bldg., Seattle, preparing plans for 3-story and basement concrete lodge building to be erected for the Knights of Pythias; will be irregular shape, 60x94x85 feet.

SANTA BARBARA, Santa Barbara Co., Cal.—Local American Legion Post is considering the sale of its property at State and De La Guerra Sts. and the erection of a club house on a less valuable site. A committee to investigate has been appointed. The members are: Lester Walbridge, George L. Welsh, Starr Gruner, and Herbert Weyler.

PASADENA, Los Angeles Co., Cal.—Architect Frank G. Krucker, 500 Ferguson Bldg., has prepared preliminary plans for a new lodge building to be erected at 400 W. Colorado St., Pasadena, for Pasadena Elks' Lodge. It will contain a lodge room to seat 1000 people and a large ballroom. It will be of reinforced concrete construction. Cost, $90,000.

HOSPITALS

Plans Being Prepared.
HOSPITAL Cost, $40,000
STANDARD, Tuolumne Co., Cal.
Hospital building.
Owner—Standard Lumber Co., Standard, Cal.
Architect—Wm. Mooser, Nevada Bank Bldg., San Francisco.

CALIFORNIA — Resolutions were presented at the annual state convention of the Independent Order of Odd Fellows to finance construction of two hospitals for the order, one in Northern and another in Southern California, the structures to be devoted to the Odd Fellows and the Rebekahs organizations.

PACIFIC WAX-DYE CO.
Manufacturers of Specialties
Paints, Waxes, Dyes, Polishes
2886 16th St. San Francisco

ADDITION Cost $22,500
SAN FRANCISCO, SW Geary and 6th Avenue.
Construction additional rooms.
Owner—French Hospital, premises.
Architect—Albert J. Fabre & Ernest Hildebrand, 110 Sutter St., S. F.

SANTA ANA, Orange Co., Cal.—Construction of the new Santa Ana Valley Hospital Assn.'s proposed new building will start about Aug. 1, according to an announcement by Dr. J. M. Burlew, vice-president. Estimated cost, $200,000. There will be accommodations for about 60 patients. Frank Landsdawn, Santa Ana, is the architect. Plans will be ready for bidders shortly. The hospital is to be located at the southwest corner of Grand and Washington Aves.

NEAR CULVER CITY, Los Angeles Co., Cal.—Architects S. Tilden Norton and Frederick H. Wallis, 716 S. Spring St., have completed plans for 6 dormitory buildings to be erected at Vista Del Mar, near Culver City, for the Jewish Orphanage Home of Southern California; each building will accommodate 20 children, with kitchen, dining room, study rooms and sleeping quarters. Brick walls, 2-story and basement, 46x84 ft., tile and composition roofing, hardwood and pine floors, gas furnace heating system, water heaters, pine trim; plans have also been completed for the remodeling of a building into a laundry and the altering of a large 2-story residence into an administration building.

OAKLAND, Cal. — Alameda County votes bonds of $1,800,000 to finance completion of highland (county) hospital. Architect Henry H. Meyers, Kohl Bldg., San Francisco, is architect.

REDWOOD CITY, San Mateo Co., Cal —Crane Co., 2nd and Brannan Sts., San Francisco, at $1771 awarded cont. by supervisors to install steam heating plant in tubercular pavilion. Bids were received by County Purchasing Agent Ernest Werder.

SAN FRANCISCO—Until May 19, 3 p. m. bids will be rec. by Leonard S. Leavy, city purchasing agent, to fur. drugs, chemicals, laboratory apparatus hospital appliances and surgical instruments.

SAN DIEGO, San Diego Co., Cal. — Lowerison & Wolstencroft, San Diego, were awarded contract by county supervisors at $13,436 for general work for constructing an addition to the Vauclain home for tuberculars. Rough plbg. work was awarded to the Kress Co. at $1380, elec. wiring to the Capitol Elec. Co., at $1190.50. Other contracts will not be let until after July 1.

FRESNO, Fresno Co., Cal.—County supervisors reject bids received to install heating plans at Old People's Home and new bids will probably be asked. D. M. Barnwell is county clerk.

ARBUCKLE, Colusa Co., Cal. — Arbuckle Sanitarium management contemplates addition of new wing to present structures; est. cost $60,000 to $75,000.

HOTELS

Contract Awarded.
ADDITION Cost, $80,000
SACRAMENTO, Calif., 10th and K Sts.
One-story and basement steel and concrete addition to hotel and remodeling of main dining room.
Owner—Hotel Sacramento Inc., Lessees
Architect—Hemmings & Starks, Ochsner Bldg., Sacramenta.
Contractor — McGillivray Construction Co., Capitol Natl. Bank Bldg., Sacramento.

Plans Being Prepared.
HOTEL Cost, $85,000
STOCKTON, 417 East Market St.
Five-story hotel.
Owner — George Wolf, 741 E Weber, Stockton.

LOS ANGELES, Los Angeles Co., Cal. —Stephen Montelcone, Security Bldg., has had plans prepared and will erect a 4-story class C store and hotel building at the northeast corner of 9th and Santee Sts. for himself. Six stores, 63 hotel rooms; dimensions, 34x140 ft.; brick walls, pressed brick facing, steel beams, plate glass, pine trim, tiled baths, steam heating and elevator.

HUNTINGTON PARK, L. A .Co., Cal. —J. F. McSwain, 119 E Belgrave St., Huntington Park, and T. H. Endicott, have had plans prepared and are taking bids for a store and hotel bldg., to be erected at cor. Zoe Ave. and Pacific Blvd. for themselves; it will have one large storeroom on first fl. with 40 rooms with 60% baths on second and third. Brick walls, 3-story and basement, 57x100 ft., rug. brick facing, comp. rfg., hardwd., pine and cem. fls, gas steam rads., plate glass, storage water htr., incinerator, pine trim water tank on roof for water pressure.

TACOMA, Wash. — Tacoma Hotel Corp., John Savage, manager, Tacoma Hotel, will expend approx. $100,000 in remodeling that structure. Considerable plumbing will be involved in the improvements.

ALHAMBRA, Los Angeles Co., Cal.—George T. Gayton, 127 Weller St., L. A., has the contract to erect a $40,000, 3-story brick store and rooming house building, 2 stores, 30-rooms, at 34 N. Delacy St., Pasadena, for the Salvation Army. Plans by R. F. Inwood, 315 E. Main St., Alhambra. Foundation, 49x119 ft., plain brick walls, tile and composition roof, concrete, wood, tile and composition floors, 3 baths and gas radiators.

NAPA, Napa Co., Cal.—Chamber of Commerce officials, headed by John Cochrane, president of the organization, are perfecting arrangements to erect a four-story fireproof 100-room hotel building at Coombs and Second Sts. An option has already been secured on the property. C. C. Schuman of Stockton is also interested in the project, the estimate cost of which is placed at $250,000. Napa interests will be asked to subscribe $75,000 to assist in financing.

LOS ANGELES, Cal.—Archt. Richard M. Bates, Jr., 1101 Brack-Shops Bldg., is preparing plans for a 4-story class C hotel bldg. to be erected on Alvarado St., bet. 6th and Orange Sts. for Fred Horowitz and associates. Dimensions 50x180 ft., 110 rooms, 110 baths, brick walls, press. brick facing, marble and tile work, comp. rfg., pine trim, steam htg., elevator; $175,000.

CARMEL-BY-THE-SEA, Monterey Co., Cal.—Mrs. Lotta Shipley, Carmel-By-The-Sea, has been granted building permits by city trustees to erect $250,000 hotel building.

SANTA ROSA, Sonoma Co., Cal. — W. J. Meeker, 809 Orchard, Santa Rosa awarded contract to completely overhaul the Bernardi Hotel. Work will be started at once. Following alterations the structure will be operated by E. deBernardi as "The Travelers".

NAPA, Napa Co., Cal.—Mrs. E. A. Wagner, owner of Palace Hotel, portions of which were recently destroyed by fire, is having plans prepared to reconstruct the destroyed sections of the building.

SWEETWATER SPRINGS, San Diego Co., Cal.—A group of San Diego capitalists are planning to erect a large hotel and sanitarium at Sweetwater Springs, about 6 mi. from La Mesa. Est. cost, $1,000,000. Preliminary drawings for the hotel show a part 2 and 3 story rustic timber and stucco bldg. with central observation tower and broad verandas encircling the bldg.

LOS ANGELES, Cal.—W. E. Chadwick, Union League Bldg., is preparing plans for a 4-story, 60-rm. class C hotel bldg. to be erected in Los Angeles for a local client. Dimensions 60x70 ft., brick walls, glazed and rug. brick front, art. stone trim., struc. steel, comp. rfg., gas rads. htg., aut. water htrs., 26 comp. baths, fire escape; comp. and pine fls., pine trim, large lobby and office; $75,000.

LOS ANGELES, Los Angeles Co., Cal. —Milwaukee Bldg. Co., Wright & Callender Bldg., is preparing plans for a Class A hotel building to be erected at Washington, Broadway and Hill Sts., for the Central & Pacific Improvement Co., 104 E. Washington St. It will be a 12-story structure and will contain 700 hotel rooms. Cost, $2,000,000.

POWER PLANTS

Sub Contract Awarded.
SUB STATION Cost, $60,000
OAKLAND, 20th St. bet. Telegraph and Grove St.
Two-story concrete & reinforced steel sub station "L"
Owner, Designer and Contractor—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Steel awarded to Moore Dry Dock Co., Adeline St., Oakland.

R. W. MOLLER
General Contractor
Office 630, 632 Call Bldg. Phone Sutter 5228
Now building the College of Pacific at Stockton

Sub Contracts Awarded.
SUB STATION Cost, $25,000
REDWOOD CITY, San Mateo Co., Cal.
Two-story reinf. concrete and steel sub-station.
Owner—Pac. Gas & Electric Co., 445 Sutter St., San Francisco.
Designer and Contractor—Engineering dept. Pacific Gas & Elec. Co.
Steel awarded to Brode Iron Works 37 Hawthorne St., San Francisco.

Sub Contract Awarded.
SUB STATION Cost, $84,500
OAKLAND, Cor. 51st St. and Shattuck.
Two-story reinforced concrete and steel sub-station "D"
Owner, Designer and Contractor—Pacific Gas & Elec. Co. 445 Sutter St., San Francisco.
Steel awarded to Moore Dry Dock Co., Adeline St., Oakland.

CALIFORNIA—State railroad commission has reported that the improvement programs of the various power companies during 1924, amount to the following figures: Los Angeles Gas & Electric Corp., $13,189,000; Sou. Cal. Edison Co., $26,288,000; Great Western Power Co., $2,652,134; Pac. Gas & Elec. Co., $2,000,600. So. Cal. Gas Co., $2,200,000; Western States Gas & Elec. Co. $1,317,000.

LOS ANGELES, Cal.—Voters fail to endorse municipal power bond issue for $21,000,000.

MERCED, Merced Co., Cal. — Until May 31, 1 p. m., bids will be rec. by H. P. Sargent, secy. Merced Irrigation District, to construct Exchequer Dam and power house on Merced River in Mariposa county, also to furnish cement and concrete aggregate for above work; also to fur. railway ballast and concrete aggregates for new line of Yosemite Valley R.R. Four alternative bids may be submitted:

Prop. 1—involv. 57,000 cu. yds. open excavation, mostly in rock; 17,000 cu. yds. tunnel excavation; 380,000 cu. yds. concrete; erect 1500 tons metal pipes, valves, gates, structural steel and other metal work; furnish approx. 300,000 bbls. cement; 58,000 tons railway ballast; and alternative bids on either 25,000 tons, 50,00 tons or 100,000 tons of sand and gravel or crushed rock for railway structures.

Prop. 2—same in other respects as Proposal 1 excepting that cement is not required.

Prop. 3—requiring same as Proposal No. 2 except no railway ballast, sand, gravel or crushed rock for rlwy. structure is needed.

Prop. 4—760,000 tons sand, gravel (or crushed rock) and cobbles for dam and power house; 58,000 tons railway ballast; and alternative bids on either 25,000 tons, 50,000 tons or 100,000 tons sand and gravel (or crushed rock) for railway structures.

R. V. Meikle, chief engineer for district. **See call for bids under official proposal section in this issue.**

SACRAMENTO, Calif.—Until May 27, 10 a. m., bids will be rec. by W. E. Callahan Construction Co. and Smith Bros., Inc., 301 California Fruit Bldg., to construct reinforced concrete pumping station and discharge conduit; fur. and install all necessary conduit, wiring, etc., together with complete installation of 6-24-in. vertical pumps and motors, 6 motor starters, gate valves, hydraulic, hydraulic pressure system, etc. Plans obtainable from office of Reclamation District No. 1660, 301 California Fruit Bldg., Sacramento, upon deposit of $10, returnable. **See call for bids under official proposal section in this issue.**

OAKLAND, Cal. — Work will be started shortly by Great Western Power Co., 530 Bush St., San Francisco, on the construction of a reinforced concrete combined sub-station and steam-heat plant at 20th St., near Telegraph Ave. The cost, including equipment, will be approx. $425,000. Will be 2 stories in height with 66 ft. frontage in 20th St. and 136 ft. in depth. Architectural details were prepared by Archs. Ashley & Evers, San Francisco. The engineering plans were prepared by company engineers.

AUBURN, Plaier Co., Cal. — State Eng. W. McClure has approved proposed Camp Far West Irrigation District, comprising approx. 4000 acres in Placer and Yuba counties and county supervisors will shortly authorize election to vote on formation of district. Source of water is Bear river and tributaries. A reservoir to store water is contemplated. John A. Livingston of Auburn is prime mover in project.

PUBLIC BUILDINGS

Bids To Be Taken Next Week.
ADDITION Cost, $45,000
PIEDMONT
Two-story frame and stucco addition to city hall and fire house.
Owner—City of Piedmont.
Architect—Meyer & Johnson, 742 Market St., San Francisco.

Plans Being Figured—Bids Close June 23, 9 P. M.
AUDITORIUM Cost, $600,000
STOCKTON, San Joaquin Co., Cal.
Class A reinforced concrete Memorial Civic Auditorium.
Owner—City of Stockton, A. L. Banks, City Clerk.
Architect—Glenn Allen, 41 S-Sutter St., Stockton, and Wright & Satterlee, Bank of Italy Bldg., Stockton, (comprising City Architectural Commission).
See call for bids under official proposal section in this issue.

MARYSVILLE, Yuba Co., Cal. — County has purchased site and structure at 12th and B street and will remodel at the building for a detention home.

SAN PEDRO, L. A. Co., Cal.—Lazard Lippman, 217 6th St., San Pedro, has made applications to the Postoffice Dept. to erect a new postoffice bldg. on n side of 7th St., bet. Mesa and Center Cts., San Pedro. If the application is granted Mr. Lippman will erect a brick 2-story bld., 125x165 ft., comp. rfg., press. brick facing; $85,00. The lease in the present postoffice bldg. expires August 1st and new and larger quarters have been recommended by the postmaster.

ELDRIDGE, Sonoma Co., Cal.—Until June 9, 12 M., bids will be rec. by Division of Architecture, State Department of Public Works, for following work at Sonoma State Home at Eldridge:

(a) Furnish, install and test 200 H. P. Sterling Type Water Tube Boiler and all accessories in Power House.

(b) Complete connection and extending of boiler feed lines, steam to burners line, oil line, boiler lead to steam header, and blow-off line from present location to new boiler.

(c) The complete removal of the present breeching from the existing 150 H. P. Sterling boiler to the stack.

(d) Furnish and install complete of a new breeching from the new boiler to stack, including enlarging and bracing of hole in stack for new breeching, connecting all present boiler flues to new breeching and proper bracing and supporting of new breeching.

Further information obtainable from State Architect's Office, 615 Forum Bldg., Sacramento.

LOS ANGELES, Los Angeles Co., Cal.—Howe Bros., 1198 San Pedro St., have been awarded a contract at about $95,000 for installing plumbing and heating systems in the new chamber of commerce building being erected at 12th and Hill Sts. C. J. Kubach Co., general contractor; John C. Austin and John Parkinson, assoc. architects.

MONTEBELLO, L. A. Co., Cal.—Architects Jefferey & Schaefer, 1104 Kerckhoff Bldg., are preparing plans for a library to be erected at the Bandini school site, Montebello, for the Montebello Grammar School Dist. Brick walls, tile rfg., maple fls., gas rads., pine trim, 38x73 ft., water htr., toilets, etc.; $25,000.

SACRAMENTO, Calif.—City Manager H. C. Bottorff announces plans are being completed and bids will be asked in about three weeks to erect $750,000 civic auditorium. Jas. S. Dean (Dean & Dean), architect, City Library Bldg., Sacramento.

FRESNO, Fresno Co., Cal.—County Supervisors, D. M. Barnwell, clerk, reject bids received to fur. and install elevator in courthouse and new bids will probably be asked. The low bid was $3800.

ALHAMBRA, Cal. — Frank Whyte awarded contr. by city commission at $19,917 to const. new headquarters fire station bldg. Gustave Kruze & Son awarded contr. for west end station at $13,845. Both bldgs. will be of lactile constr. with gunite finish. Quinn & Kerr, archts., Alhambra, have been employed to supervise the constr.

STOCKTON, San Joaquin Co., Cal.—The following bids were received on May 7, 1924 by Eugene D. Graham, county clerk to furnish and install wrought iron metal fire escape balconies and ladders on the North and South sides of county courthouse.

Feiler Iron Works, Stockton	$2325
Fay Zinck	2651
Ralston Iron Works	1460
Monarch Iron Works	2340
Engineer's estimate	2500

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3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

SANTA MONICA, Los Angeles Co., bond issue for $400,000 for the erection of a 4 or 5-story city hall building on the present city hall site, 4th St. and Santa Monica Blvd. F. A. Helton, commissioner of finance, presented the project to the city council May 2.

STOCKTON, San Joaquin Co., Cal.—The following bids were received on May 5, 1924 by A. L. Banks, clerk of the City of Stockton, for the construction of a two-story brick firehouse in Lots 29 and 31, Bloc 10, Villa Addition:

Bowell & Medbery, Stockton	$18,780
P. E. Willamson	19,170
F. E. McIntire	19,889
S. R. Shutes	19,984
H. H. Henning	20,177
F. R. Zinck	20,271
H. E. Vickroy	20,465
Davison & Nicolsen	23,954

Bids were taken under advisement until the nekt meeting of the Board.

SAN BERNARDINO, Cal.—County rejects bond issue for $850,000 to finance purchase of site and erection of new county courthouse.

OAKLAND, Cal. — Alameda County voters fail to endorse $4,500,000 bond issue to purchase site and finance erection of new courthouse.

STOCKTON, San Joaquin Co., Cal.—Bids will be asked at once by city council, to be opened probably May 26 to fur. and install office equipment in city auditor's office. A. L .Banks is city clerk.

STOCKTON, San Joaquin Co., Cal.—Powell and Medbury, Sacramento and Lindsay Sts., Stockton, at $18,780 awarded contract by city council to erect firehouse in Fair Oaks district.

RESIDENCES

Plans Complete.
RESIDENCE Cost, $14,000
SAN FRANCISCO, NW Delong Ave — SW Piedmont.
Two-story and basement frame residence.
Owner—Wm. J. Helmquest, 425 Hearst St., San Francisco.
Architect — W. H. Crim & Hamilton Murdock, 425 Kearny St., S. F.

Plans Complete.
DWELLINGS Cost, $16,000
SAN FRANCISCO, E Faxon Ave. 225 250 S Ocean Ave; E Faxon 200 De Montford; SE Faxon and De Montford.
Four 1-story and basement frame dwellings.
Owner—Thomas J. Sullivan, 258 Jules Ave., San Francisco.

Figures Being Taken.
RESIDENCE Cost, $8000
SAN JOSE, Santa Clara Co., Cal.
1½-story frame and stucco residence with shingle roof.
Owner—Dr. H. Barocchi, Bank of Italy Bldg., San Jose.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Figures Being Taken.
RESIDENCE Cost, $9000
LOS GATOS, Santa Clara Co., Cal.
One-story frame and stucco 6-room residence.
Owner—Mr. Fuchs.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.

Contract To Be Awarded.
RESIDENCE Cost, $15,000
BERKELEY, Claremont Court north side of Russell St.
Two-story frame and stucco residence. with tile roof.
Owner—J. Sub Johnson, 2533-A Dwight Way, Berkeley.
Architect—W. H. Ratcliff Jr., Mercantile trust Bldg., Berkeley.
Mr. Michelson of Berkeley, was low bidder and will probably be awarded the contract.

Contract Awarded.
DWELLING Cost, $12,000
BERKELEY, Vicente Road.
Two-story 10-room dwelling.
Owner—H. G. Simpson, 2622 Dana St., Berkeley.
Contractor—S. J. Bertelsen, 30 Estrella

Contract Awarded.
RESIDENCE Cost, $10,000
BERKELEY, Claremont.
Two-story frame residence.
Owner—Wm. R. Greig, 1741 Bancroft Way, Berkeley.
Architect—C. H. Jensen, 74 New Montgomery St., San Francisco.
Contractor—Robt. M. Greig, 741 Prospect St., Berkeley.

Plans Being Prepared.
BUNGALOWS Cost, $320,000
SAN FRANCISCO, Mt Vernon Tract near county line.
80 bungalows.
Owner—Jas. Welch, 1 Northwood Dr., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Prepared.
BUNGALOWS Cost, $200,000
SAN JOSE, Santa Clara Co., Cal., near Hotel Vendome.
50 bungalows.
Owner & Contractor—McKillop Bros., 235 Montgomery St., San Francisco
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Contract Awarded.
DWELLING Cost, $10,000
OAKLAND, N Rosemont Rd. 269 E Nevada Rd.
Two-story 6-room dwelling.
Owner—Clyde L. Chamblin, 1913 Market St., Oakland.
Contractor — Fowler Mallett, Acheson Bldg., Berkeley.

Plans Being Figured.
DWELLING Cost, $13,500
SAN FRANCISCO, Forest Hill.
One-story 8-room frame dwls. and 3 garages.
Owner—Henry Dahl.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.
(50548) 1st report April 21, 2nd May

Contract Awarded.
DWELLING Cost, $10,000
PIEDMONT, 110 La Salle.
Two-story 7-room dwelling and garage
Owner—H. F. Vincent, 491 Staten Ave., Oakland.
Contractor — E. F. Henderson, 5744 Keith Ave., Oakland.

Contract Awarded.
DWELLING Cost, $20,000
ALAMEDA, 315 317 321 323 327 Central Avenue.
Five 1-story 5-room dwellings.
Owner—Hally & Co., 2315 Santa Clara Ave., Alameda.
Contractor—Jos. Ventri, 9507 A St., Oakland.

Contract Awarded.
RESIDENCE $14,000 Approx.
OAKLAND, Alameda Co., Cal. Near Lake Merritt.
Two-story frame and stucco residence.
Owner — Dr. C. J. Frederick, Easton Bldg., Oakland.
Architect — Wythe & Blain, Central Bank Bldg., Oakland.
Contractor—C. H. Lawrence, 5321 Lawton Ave., Oakland.

Completing Plans.
RESIDENCE Cost, $17,000
SAUSALITO, San Carlos Ave.
Two-story frame and stucco residence.
Owner—Wm. T. Burney, Sausalito.
Architect—Masten & Hurd, 526 Powell St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $22,600
SAN FRANCISCO, N Washington 19-2 W Cherry.
Two-story and basement frame residence.
Owner—M. I. Lilienthal, 310 Montgomery St., San Francisco.
Architect—H. H. Cutterson, 526 Powell St., San Francisco.
Contractor — Mattock and Feasey, 251 Kearny St., San Francisco.

HOLLISTER, San Benito Co., Cal. — C. B. Younger, Hollister, at $13,760 awarded contract by Paul F. Brown, Hollister real estate operator, to erect residence at San Benito St. and Nash rd. Work will be started at once.

Figures To Be Taken This Week.
RESIDENCE Cost, $10,000
SAN FRANCISCO, Forest Hill.
Owner—Mrs. Hope Davenport.
Architect—Masten & Hurd, 526 Powell St., San Francisco.

Bids Opened.
BUILDING Cost, $—
BERKELEY, Le Roy near Le Conte.
Three-story frame with plaster exterior.
Owner—Delta Delta Delta.
Architect—J. Galen Howard and Associate, 1st Natl. Bk. Bldg., S. F.

McCullough & Son, Berkeley	$31,29
Lawton & Vezey	31,97
Ben Pearson	32,15
Fred J. Westlund	32,99
H. H. Larsen Co.	33,00
Wm. Livingston & Son	34,36

Bids Being Held Under Advisement.
RESIDENCE Cost, $15,000
SAN FRANCISCO. St. Francis Wood.
Two-story frame 8-room residence.
Owner—A. R. McCullough.
Architect—W. H. Crim Jr. & Hamilton Murdock, 425 Kearny St., San Francisco.

TRACY, San Joaquin Co., Cal.—Until June 3, 11 a. m., bids will be rec. by John C. Chrisman, secy. West Side Irrigation District to erect "pump house" cottage No. 2, consisting of 4-rooms to be located near Bethany, 7 mi. n.w. of Tracy. Cert. check $750 payable to President of Bd. of Directors of Dist. req. Plans obtainable from secy.

SCHOOLS

Figures Being Taken — Bids To Be Opened June 5, 1924.
SCHOOL Cost, $200,000
SAN RAFAEL, Marin Co., Cal.
One-story reinforced concrete high school with flat roof (25 rooms and auditorium).
Owner—San Rafael School District.
Architect — Shea & Shea, Chronicle Bldg., San Francisco.
Plans may be obtained from the architects office. The date of opening bids will be decided at the Board meeting on March 11th.

Figures Being Taken — Bids To Be Opened June 2, 1924.
SCHOOL Cost, $25,000
CONTRA COSTA COUNTY, Orinda Park, near Richmond.
One-story cement block school bldg.
Owner—Orinda Park School District.
Architect—James T. Narbett, 910 Macdonald Ave., Richmond.

Plans Being Figured—Bids Close May 29, 12 M.
ADDITION Cost, $—
RODEO, Contra Costa County, Cal.
Two-story brick addition to school.
Owner—Rodeo School District, A. A. Smith, Clerk.
Architect—N. W. Sexton, 1607 Chronicle Bldg., San Francisco.
See call for bids under official proposal section in this issue.

Figures Being Taken—Bids to be Opened May 24, 2 P. M.
SCHOOL Cost, $40,000
WHEATLAND, Yuba Co., Cal.
One-story hollow tile high school with cement plaster exterior and tile roof (4 rooms and auditorium).
Owner—Wheatland Union High School District.
Architect — Geo. Sellon & Co., Mitau Bldg., Sacramento.

Figures Being Taken — Bids Bo Be Opened May 24, 1924.
SCHOOL Cost, $85,000
GONZALES, Monterey Co., Cal.
One-story reinforced concrete school (8 rooms and an auditorium).
Owner—Gonzales Grammar School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.

Plans Being Figured—Bids Close May 24, 8 P. M.
SCHOOL Cost, $——
WILLOW GLEN, Santa Clara Co., Cal.
Two-story reinforced concrete school.
Owner — Willow Glen School District, George B. Cushing, Clerk.
Architect — Wyckoff & White, 511 Growers Bank Bldg., San Jose.
Bids received for this structure April 19 were rejected as being too high.
See call for bids under official proposal section.

YUBA CITY, Sutter Co., Cal.—Until May 24, 10 a. m., bids will be rec. by C. E. Reische, secy. Sutter Union High School District, to erect branch high school at East Nicolaus. Dean and Dean architects, California State Life Bldg., Sacramento. Cert. check 10% payable to secy. req. Plans obtainable from architects on deposit of $15, returnable.

SANTA ROSA, Sonoma Co., Cal. — Until June 2, 8 p. m. (new time set, previously reported as May 10), bids will be rec. by Sara N. Hatch, clerk, Board of Education, for various parts of work in connection with new high school, now under construction. Segregated bids are desired for (1) special fixtures and furniture; (2) stage curtain; (3) stage equipment (4) cafeteria kitchen equipment; (5) steel lockers; (6) program clock system; (7) special decorating work; (8) electric fixtures. Plans obtainable from Architect W. H. Weeks, 369 Pine St., San Francisco or from W. Herbert, architect, Rosenberg Bldg., Santa Rosa. Cert. check 5% payable to clerk req. **See call for bids under official proposal section in this paper.**

STOCKTON, San Joaquin Co., Cal.—Until May 28, 4 P. M., bids will be rec. by Ansel S. Williams, secty., Board of Education, Lindsay and San Joaquin Sts., for concrete, steel, carpenter and electric work for Luther Burbank school at Pilgrim and Jefferson Sts. Plans obtainable from Chas. H. Young, architect, Commercial and Savings Bk. Bldg., Stockton. Cert. check 10% req. with each bid.

PULLMAN, Wash. John Arrington, 2451 Federal St., Seattle, at $193,360 awarded general contract to erect Anderson Hall at University of Washington Campus. Bebb & Gould, architects, Hoge Bldg., Seattle. Other contracts let are: McNeil & Taylor, 121 Virginia St., Seattle, plumbing, $5430; Wenzler & Ward, 2705 1st St., Seattle, heating, $14,500; NePage-McKenny Co., Armour Bldg., Seattle, electric work, $3339; Nelson Painting Co., 211 E-Garfield St., Seattle, $4846.

LOS BANOS, Merced Co., Cal. —Until May 26, 2 p. m., bids will be rec. by S. B. Dismukes, clerk West Side Union High School District, to erect manual arts building, including works. Henry F. Starbuck, architect, 2550 Merced St., Fresno. Approx. cost $14,000. **See call for bids under official proposal section in this issue.**

DURHAM, Butte Co., Cal.—Until May 20, 2.30 p. m., bids will be rec. by Geo. W. Blount, secy. Durham Union High School District, to furnish school furniture comprising chairs, desks, stools, book cases, etc. Weber products specified. Complete list of materials desired on file in office of Larsen Advance Construction Reports.

EUREKA, Humboldt Co., Cal.—Slingsby & Winkler, Grizzly Bluff, Cal., at $6,150 awarded contract to erect frame school building for McKee School District.

SAN DIEGO, San Diego Co., Cal. — Welch & Fritz, San Diego, submitted low bid to board of education at $72,830 for constructing an auditorium and classroom bldg on Florence Hts. school grounds. Eugene M. Hoffman, Spreckels Bldg., archt. Other bids were: Lowerison & Wolstencroft, $72,900; A. E. Keyes, $73,689; W. E. Kier Constr. Co., $77,960; J. H. Nicholson & Co., $78,650; H. Jarboe, $79,890; Great Western Bldg. Co., $82,770. The low bid was $12,000 above the amount available, and the board will take the matter under advisement.

RENO, Nevada—Until May 22, 5 p. m., bids will be rec. by Theo. W. Clark, clerk, Reno School District No. 10, to install sprinkling system and const. cem. walks and curbs at Junior High School. Plans obtainable from clerk.

TUCSON, Pima Co., Ariz.—The $50,000 to be voted on at the coming Billito school bond election will be used for constructing a new high school building. Mrs. Kate Reynolds, county school supt.

SAN FRANCISCO — Jos. Greenback, 180 Jessie St., at $6925 submits low bid to Board of Public Works for alterations to Yerba Buena School. J. F. Smith at $10,700 submitted the only other bid.

SAN DIEGO, San Diego Co., Cal.—Archt. Eugene Hoffman has been commissioned by the Board of Education to supervise the construction of the new Florence Heights auditorium, est. to cost $60,000. It will contain 4 classrooms, cafeteria, in addition to the auditorium seating 600. This action was taken following approval of his plans with certain changes recommended by the board at a previous meeting.

SAN BERNARDINO, San Bernardino Co., Cal.—Board of education is planning high school branch twice the size originally planned. Because Rialto will not need the money apportioned to it from the $300,000 school bonds for several years, the additional funds will be added to Highland's $30,000 quota to provide for a 6-rm. bldg.

RIVERSIDE Riverside Co., Cal.—Plans have been completed for a $25,000 high school building which the Catholic Church of St. Francis de Sales will erect at 12th and Lime Sts. The proposed building will be of Spanish style and house about 50 pupils. Rev. Father O'Shea is rector of the church. He has announced that a contract for the construction of the building will be let in about 10 days.

FRESNO, Fresno Co., Cal. Recommendations have been made by the Education Survey Committee of the Fresno County Chamber of Commerce that additions and new buildings be constructed at the Fresno Technical High School. New equipment would be installed in the new structures.

AZUSA, Los Angeles Co., Cal.—North Pacific Construction Co., 1302 Detwiler Bldg., was awarded the general contract at $30,372 for erecting a domestic science building at Citrus Union High School site, between Azusa and Glendora; John C. Austin and Frederic M. Ashley, 1125 Detwiler Bldg., are the architects. Other contracts were awarded as follows: Plumbing to W. A. Johnson, Azusa, at $1897; painting to Alhambra Wall Paper & Paint Co., at $1084; and wiring to American Electric Constr. Co. at $2273.80. The building will contain dining room and 7 classrooms; 2-story, frame and plaster construction, composition roofing.

GRATTON, Stanislaus Co., Cal.—Election will be held June 2, in Gratton School District, to vote direct tax of $2000 to finance 1-room addition and plumbing improvements at present school site. Trustees of district are: W. H. Herr, A. T. Blizzard and O. F. Hamlow.

PALO ALTO, Santa Clara Co., Cal.—The following bids were received on May 8, 1924, by A. C. Baker, Secretary of the Board of Education of the Palo Alto City School District, for a two-room frame and stucco addition to the Walter Hayes School building. Plans were prepared by Architect Birge M. Clark, 600 Embarcadero Road, Palo Alto.

Bertsche & Briggs, 444 Emerson St., Palo Alto	$10,537
Graham & Son	11,093
D. W. Daysinger	12,365
John Madsen	12,900
Minton Co.	13,200
W. H. Gibson & Co.	13,570
Osborne & Knight	13,618

The contract was awarded to Bertsche & Briggs of 444 Emerson St., Palo Alto at $10,537.

BURBANK, L. A. Co., Cal.—Until 6:30 p. m., May 31, bids will be received by trustees of Burbank grammar school district for erecting a 6-room addition to Joaquin Miller school, 4-room addition to Abraham Lincoln school, and a 1-room addition to Thos. A. Edison school bld. Plans and spec. may be obtained at superintendent's office at Thos. A. Edison school at 2 p. m., on school days. The additions will be frame and plas. construction.

LONG BEACH, L. A. Co., Cal.—Archt. Richard M. Bates, 1101 Brack-Shops Bldg., Davies & Baume, Long Beach, associated, are preparing plans for the John Muir grammar school to be erected at Long Beach at a cost of $180,000 and also for the North Side junior high school bldg. to be erected at Long Beach at a cost of $500,000.

BASSETT, L. A. Co., Cal.—Architect Richard M. Bates, Jr., 1101 Brack-Shops Bldg., is preparing plans for a new school bldg. to be erected at Bassett, near El Monte. It will contain 4 rooms and auditorium; brick construction, stucco exterior, clay tile rfg., pine trim; $50,000.

AZUSA, L. A. Co., Cal.—Gene B. Foster, 1772 Sycamore St., was low bidder on Bid No. 1 at $32,875 on general contract for erecting a domestic science bldg. at Citrus union high school site between Azusa and Glendora; John C. Austin and Frederic M. Ashley, 1125 detwiler Bldg., L. A., archts. North Pacific Constr. Co., 1302 Detwiler Bldg., was low on alternate proposals. The bldg. will contain a dining room and 7 classrms., 2-story, frame and plas. construction, comp.

LOS ANGELES, Los Angeles Co., Cal. —North Pacific Constr. Co., 1302 Detwiler Bldg., was low bidder at $243,-225 on the general contract for erecting the new James A. Foshay junior high school bldgs. on Hobart Blvd. betw. Exposition Blvd. and 37th Pl; Frederick J. Soper, archt. Low bidders on other contracts were: Leo H. Hubbert on painting at $4991; W. H. Robinson on plumbing at $20,322; Frank Davidson on heating and ventilating at $27,-585; and Amer. Elec. Constr. Co. on wiring at $10,477.10.

BANKS, STORES & OFFICES

Contract Awarded.
STORE BLDG. Cost, $17,500
OAKLAND, E Telegraph Ave. running through to Broadway bet. 16th and 17th Streets.
Concrete and frame store building.
Owner—William G. Gilmour, 801 Oakland Bk. Bldg., Oakland.
Architect — Reed & Corlett, Oakland Bank of Savings, Oakland.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Sub Contract Awarded.
LOFT BLDG. Cost, $80,000
SAN FRANCISCO, W 3rd 125 SE Brannan.
Two-story and basement reinforced concrete loft bldg.
Owner — Walter Sullivan, Alexander Bldg., San Francisco.
Contractor—Geo. Wagner, 181 So. Park San Francisco.
Plumbing to Jas. H. Pinkerton, 927-31 Howard St., San Francisco.

Contract Awarded.
STORE & LOFT Cost, $19,000
SAN FRANCISCO, Fillmore near O'Farrell St.
Three-story reinforced concrete store and loft building.
Owner—Lester Loupe.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—J. Martinelli, 1351 Mason St., San Francisco.

Plans Being Prepared.
STORE & HOTEL Cost, $150,000
SACRAMENTO, 8th and L Sts.
Six-story reinforced concrete and steel store and hotel bldg. 125 rms with 100% baths.
Owner—B. F. Berry, 110 Sutter St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Contract Awarded.
PAINTING Cost, $24,555
SAN FRANCISCO, 6th and Stevenson.
Interior wood work and painters work.
Owner—Western States Life Ins. Co., Market and 6th St., San Francisco.
Architect—Reid Bros., 105 Montgomery St., San Francisco.
Contractor—Pac. Mfg. Co., 177 Stevenson St., San Francisco.

Sub-Contracts Awarded.
OFFICE BLDG. Cost, $1,250,000
SAN FRANCISCO, NE Post and Mason Streets
Fifteen-story class A Physicians and Dentists Office Bldg.
Owner—Medico-Dental Building Cptn.
Architect—Geo. Wm. Kelham, Sharon Bldg., San Francisco.
Engineer—H. J. Brunnier, Sharon Bldg San Francisco.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco.
Heating, plumbing and electrical work awarded to Turner Company, 272 Natoma St., San Francisco.
Refrigerating plant to Jas. T. Ludlow 460 Montgomery St., San Francisco
Vacuum sweepers to Compressed Air Cleaning Co., 535 Sutter St., S. F.
As previously reported, The Moore Dry Dock Co., Balboa Bldg., was awarded the steel contract.
Elevators awarded to Otis Elevator Co. 2300 Stockton St., San Francisco.
Ornamental terra cotta and roofing to Gladding McBean & Co., Crocker Bldg., San Francisco.

Completing Plans.
STORE Cost, $100,000
SALINAS, Monterey Co., Cal.
Two-story reinforced concrete department store.
Owner—Farmers Mercantile Assn. Salinas.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.

Plans Being Figured.
BANK & STORE Cost, $30,000
SANTA CLARA, Washington & Franklin Sts.
One-story Mission style reinf. concrete bank and store bldg.
Owner—Mercantile Trust Co.
Architect—G. L. Lansburgh, 146 Montgomery St., San Francisco.

LOS ANGELES, Cal.—Otis Elevator Co. has been awarded a contract at $77,000 for installing new elevators in the W. P. Story building at 6th St. and Broadway. The contracts for new cages and elevator fronts have not been let. Morgan Walls & Clements, 1124 Van Nuys Bldg., archts.

SAN FRANCISCO, NE Mission — Julia Streets.
Designer — Wallace A. Stephen, 251 Kearny St., San Francisco.
Contractor—James L. McLaughlin, 251 Kearny St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $20,000
SAN FRANCISCO, Bush and Sansome Streets.
Alterations to 6-story store and loft building.
Owner—Joseph D. Grant.
Contractor — Linderen, Swinerton, Co., Standard Oil Bldg., S. F.

Plans Complete.
BANK BLDG. Cost, $135,000
PETALUMA, Sonoma Co., Cal.
One-story and basement and two mezzanine floors reinforced concrete bank building.
Owner—Sonoma County Bank.
Designer & Contractor—H. H. Winner Co., Sharon Bldg., San Francisco.
Figures will be taken about June 1.

Contract Awarded.
PLUMBING Cost, $78,173
SAN FRANCISCO, SE Market & Beale.
Plumbing system for general office building.
Owner—Pac. Gas & Elec. Co., 445 Sutter St., San Francisco.
Contractor—Frederick W. Snook Co., 596 Clay St., San Francisco.

Segregated Figures Being Taken.
LOFTS & STORE Cost, $100,000
SAN FRANCISCO, NE Mission — Julia Streets.
Owner—United Holding Co., 780 Mission St., San Francisco.
Designer — Wallace A. Stephen, 251 Kearny St., San Francisco.
Contractor—James L. McLaughlin, 251 Kearny St., San Francisco.

Contract Awarded.
HEATING ETC. Cost, $113,770
SAN FRANCISCO, E Market & Beale NE 137-6 x SE 138-7.
Heating and ventilating for general office building.
Owner—Pac. Gas & Elec. Co., 445 Sutter St., San Francisco.
Contractor—Jas. A. Nelson, 517-519 6th San Francisco.

Figures to be Taken Next Week.
STORE BLDG. Cost, $18,000
SAN FRANCISCO. W Fillmore Street near Geary St.
One-story Class C store building.
Owner—Robert White Co.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., San Francisco.

Contract Awarded.
STORE & OFFICE Cost, $12,000
SAN FRANCISCO, Mission St. South of 21st St.
Two-story brick store and office bldg.
Owner—M. Spiro.
Architect—S. Heiman, 57 Post St., San Francisco.
Contractor—J. Martinelli. 1351 Mason St., San Francisco.

Contract Awarded.
STORES Cost, $13,000
RICHMOND, N Macdonald bet. 8th and 9th.
Brick stores (one story).
Owner—C. M. Berry, 339 Lester Ave., Oakland.
Contractor—C. Overaa, 2105 Roosevelt, Richmond.

Contract Awarded.
ADDITION Cost. $65,000
KLAMATH FALLS, Klamath Co., Ore.
Four-story addition to the 2-story steel frame Hop Blg.
Owner—Hart Bros., Sacramento.
Architect — Coates & Traver, Rowell Bldg., Fresno.
Contractor — H. R. Perrin, Klamath Falls, Oregon.

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Contract Awarded.
BANK BLDG. Cost, $20,000
MARTINEZ, Contra Costa Co., Calif., Main St.
One-story reinforced concrete bank building.
Owner—The National Bank of Martinez Martinez, Cal.
Architect—A. A. Cantin, 727 Foxcroft Bldg., San Francisco.
Contractor—H. S. Mendenhall, Martinez
The following bids were taken under advisement:
Bianchi and Paganni, Vallejo...$12,500
Monson Bros., San Francisco.... 13,168
Guy Smith, Martinez 13,950
Paul Jones 12,313
K. Koller, Martinez 13,880
Murch-Williams Co., Oakland.. 14,339
Cobby & Owsley, San Francisco. 13,560
J. La Rosa, Pittsburgh..... 17,650

Cabinet Work (Mahogany)

Mullen Mfg. Co., San Francisco...$3185
$3380.
Mihrdt Co., Richmond..... 3693
$3843
Home Mfg. Co., San Francisco.... 3829
$3995
Ostland & Johnson, S. F..... 4130
$4394

Marble Work

Ray Cook Marble Co., Oakland...$1600
Jos. Musto Sons-Keenan Co., San Francisco 1641
Eisle & Pendero 1650
American Marble & Mosaic Co. San Francisco 1973
Vermont Marble Works, S. F.... 2025
J. E. Back & Co. 3147

Bronze Work

California Artistic Metal & Wire Works .....$ 903
Federal Ornamental Iron Works 945
Art Iron Works 1753

Plans Completed—Bids to be Taken Shortly.
STORE & OFFICES Cost, $50,000
OAKLAND, Alameda Co., Cal. Franklin St., bet. 14th and 15th Sts.
Two-story Class C store and office bldg.
Owner—East Bay Title Insurance Co.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., San Francisco.

Sub Contracts Awarded.
ALTERATIONS Cost, $40,000
SAN FRANCISCO, 151 Post St.
General alterations for store.
Owner—F. W. Woolworth Co., 410 Rialto Bldg., San Francisco.
Architect—A. J. McClure, 410 Rialto Bldg., San Francisco.
Contractor—MacDonald & Kahn, 130 Montgomery St., San Francisco.
Painting to Gordon Co., 180 Jessie St.
Marble to Joseph Musto Sons, 501 N Point St.
Wiring to Decker Electrical Const. Co., 149 New Montgomery St.
Plumbing to Frank W. Klimm, 221 Oak Street.
Plastering to Peter Bradley, 180 Jessie Street.
Ornamental iron to California Artistic Metal & Wire Co., 349 7th St
Structural steel to Western Iron Wks., 780 Brannan St.

PORTLAND, Ore. — Architect A. E. Doyle, Worcester Bldg., completes plans for 3-story and base., fireproof bank to be erected at Sixth and Stark Sts. for the Bank of California with main offices in San Francisco. Will be 50 by 100 ft; terra cotta exterior, tile roof. Est. cost $300,000.

BELL, Los Angeles Co., Cal.—Archt. J. T. Zeller, 215 Currier Bldg., has completed plans for a theatre, store and apartment building to be erected at the corner of Baker and Clarkson Aves. for Dr. T. J. De Vaughn and J. Spaugh; it will have a theatre to seat 1400 people, 9 stores and 16 single apartments. Brick walls, 2-story and basement, 115x210 ft., pressed brick and terra cotta facing, tile and composition roofing, plate glass skylights, gas radiators, fan ventilating system, cement, pine and hardwood floors, water heaters, wall beds, pine trim, tile baths and drainboards, structural steel, ornamental plaster, Estey pipe organ, ornamental iron work. Cost, $105,000.

HAWTHORNE, Los Angeles Co., Cal. F. J. Fehrensen will start work in about two weeks on a 6-story brick building (150 ft. frontage) at the cor. of Lennox Ave. and Grevilla St. for himself.

LOS ANGELES, Los Angeles Co., Cal. —Pacific Southwest Trust & Savings Bank, which has two branch banks in Glendale, has four sites under consideration for another branch bank and office building.

LOS ANGELES, Los Angeles Co., Cal. Architect O. L. Clark, 521 Orpheum Bldg., has completed plans and is taking bids for a bank, office and store building to be erected at Main and Jefferson Sts. for Mrs. E. Burkhart. It will contain bank, 5 offices and 6 single apartments. Brick walls, 2-story, 50x90 ft., pressed brick facing, cement, tile and hardwood floors, gas radiators, automatic water heaters, wall beds, pine trim, plate glass, tile baths and drainboards, art stone trim, ornamental iron work.

LOS ANGELES, Los Angeles Co., Cal. —C. J. Kubach Co., 701 Mer. Nat. Bank Bldg., has been awarded the general contract at $263,300 for erecting a Class A store and office building at the southwest corner of 7th and Flower Sts. for the Sun Realty Co. Curlett & Beelman, 408 Union Bank Bldg., are the architects. Dimensions, 107x157 ft., 12 stories; 13 stores in first story, 30 offices on each of the upper floors; steel frame, terra cotta, plate glass, marble and tile work, etc. This contract includes principally concrete and brick work. Total cost will be about $1,250,000.

LOS ANGELES, Los Angeles Co., Cal. —Boos Bros. have purchased the B. & M. cafeteria and leases at 524-34 S. Hill St. and contemplate the erection of a two-story building on the south 60 feet of the property. It will cost $150,000. Chas. F. Plummer, 1108 Story Bldg., will be the architect.

LOS ANGELES, Los Angeles Co., Cal. —Architects Walker & Eisen, 701 Great Republic Life Bldg., have completed plans and are taking bids for erecting a 13-story Class A store and loft building at the northeast corner of Seventh and Los Angeles Sts., for S. Goodman. Dimensions, 50x90 feet, reinforced concrete construction, pressed brick and terra cotta facing, plate glass, steel sash, composition roofing, 2 elevators.

SAN BERNARDINO, Cal.—The Associated Telephone Co. will start work within 60 days on a two-story Class A telephone building at the northwest corner of Victoria and E Sts., where property I is been purchased from R. R. Davis. Est. cost of proposed building, $75,000. O. A. Prest, dist. mgr.

NAPA, Napa Co., Cal.—Mrs. Elsie Walker of Sacramento, will erect a 1-story 24 by 79 ft. store building on the site of the "Russ House" in Brown St., near First.

LOS ANGELES, Cal. — Archt. O. L. Clark, 521 Chapman Bldg., is completing plans for a bank, office and apt. bldg. to be erected at cor. Main and Jefferson Sts., for Mrs. E. Burkhart; it will have 5 office suites and 6 single apts. on 2nd fl. with banking space on first. Brick walls, 2-story, 50x90 ft., comp. rfg., press. brick facing, cem. tile and hardwd. fls., gas rads., aut. water htrs., wall beds, pine trim, reinforced conc. vault, art stone trim, tile baths and drainbds., ornam. iron work.

THEATRES

Contract Awarded.
REMODEL THEATRE Cost, $14,000
ALAMEDA, Alameda Co., Cal. No. 1318 Park Street.
General remodeling of theatre (painting, plastering, plumbing, wiring and carpentry).
Owner—Strand Theatre.
Architect — Mark T. Jorgensen, 110 Sutter St., San Francisco.
Contractor—M. E. Hopper, 1117 Webster St., Oakland.

Plans Being Revised.
THEATRE Cost, $20,000
KING COUNTY, Monterey Co., Cal.
One-story reinforced concrete or hollow tile motion picture theatre.
Owner—Leslie Hables.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

Plans Being Figured—Bids To Be Opened May 15, 1924.
THEATRE Cost, $100,000
SAN FRANCISCO, N Jackson St., bet. Giant Ave. and Keatny St.
One-story class A theatre (850 seats, Oriental architecture).
Owner—Lun Hop Co., owners of Crescent Theatre.
Architect—Albert Schroepfer, 68 Post St., San Francisco.

Figures To Be Taken in Two Weeks.
THEATRE BLDG. Cost, $125,000
PALO ALTO, University Ave & Ramona Street.
One-story reinforced concrete class B theatre building.
Owner—Palo Alto Theatre Company, Ellis J. Arkush, mgr.
Architect—Weeks & Day, 315 Montgomery St., San Francisco.

HAWTHORNE, L. A. Co., Cal.—Louis Lee, of Redondo and associates are planning to erect a modern motion picture theater to cost in the neighborhood of $100,000. A site has not been selected.

INGLEWOOD, L. A. Co., Cal.—General Constr. Co., 203 E Harvard St., Glendale, has been awarded the contract on a cost plus basis for a class C theater to be erected at Inglewood for Arthur Bennett; it will have seating capacity of 1300 people with balcony, 2 stores, lobby and foyer. Leonard L. Jones, 603 Grosse Bldg., archt. Brick walls, 75x150 ft., press. brick facing, cement, tile and hardw. fls., comp. rfg., plate glass, fan vtg. sys., basement, struc. steel, ornam. iron work; there will also be 6 office suites, pine trim, restrms., etc. Theater has been leased to Venice Investment Co. and Inglewood Theater Co.

LONGVIEW, Wash.—Wesley Vandercook, chief engineer of the Long-Bell Lumber Co., Longview, is interested in syndicate which contemplates erection of a $125,000 theatre building at Commerce Ave. and Vandercook Way. Will have seating capacity of 1200.

ALHAMBRA, L. A. Co., Cal.—John Walker Smart, 202 Van Amber Bldg., Alhambra, has completed plans for a class A theater to be erected at cor. Valley Blvd. and Garfield Ave., Alhambra, for W. K. Kellow and Theodore Nagel; it will have a seating capacity of about 1300 people. Reinf. conc. construction, 172x80 ft., 1-story and part basement, comp. rfg., cement, tile and hardw. fls., plate glass, gas htg. vtg. sys., pine trim, tile and marble work, ornam. iron work, conc. exter., bldg. designed for future story. Theater has been leased to Lou Bard, 446 Hill St., who will purchase the interior furnishings and pipe organ.

GLENDALE, Los Angeles Co., Cal.—Application has been made for a building permit for erecting a Class A theatre, store and office building on Brand Blvd. near Wilson St., for Glendale Theatre Co. Kinne & Westerhouse, H. W. Hellman Bldg., Los Angeles, are the contractors. Plans were prepared by Arthur G. Lindley and Chas. R. Selkirk, 800 American Bank Bldg., Los Angeles. Cost, $216,000. Reinforced concrete construction, pressed brick and terra cotta facing, plate glass, marble and tile work, steam heating, staff ornamentation, ventilating system.

WHARVES & DOCKS

Contract Awarded.
WHARVES, ETC. $1,000,000 approx.
ALAMEDA, Alameda Co., Cal., Foot of Grand St.
Wharves, piers, warehouses, etc. for terminal (creosoted and concrete piling, timber and corrugated iron buildings.)
Owner—Alaska Packers Assn.
Engineer for Wharves—Frank White. Ferry Bldg., San Francisco.
Engr. for Bldgs.—Phillip L. Bush, California St., San Francisco.
Contractor—H. J. Christensen, 505 17th St., Oaland.
As reported before, the furnishing of piling was awarded to St. Helens Creosoting Co., Matson Bldg., S. F.
Excavation and pile driving etc., for wharf awarded to A. W. Kitchen, 110 Market St., S. F .,(piling $147,000, excavating 49c cu. yd.)

SAN FRANCISCO—Until May 19, 11 a. m. bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5312, to fur. and del. approx. 11,600 lin. ft. Douglas Fir piles. See "Government Work and Supplies," this issue.

SACRAMENTO, Cal.—Southern Pacific Co. will start reconstruction at once on wharves recently destroyed by fire. The building loss is estimated at $270,000.

VENICE, L. A. Co., Cal.—Archt. O. L. Clark, 521 Chapman Bldg., has completed sketches for an amusement pier to be erected south of the Venice Pier. Venice, for the Electric Pier and Amusement Co. Ernest Phillips, Merritt Bldg. It will be 700x1200 ft., frame and conc. constr., bldgs. to be erected on the pier will be of frame constr., comp. rfg., conc. swimming pool, 200 by 600 ft. in the center of the pier; it will be equipped with the latest fire fighting apparatus, dance hall, sprinkler system; the project including amusement bldgs. when completed will cost $1,500,000.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded.
ELEVATOR ETC. Cost, $333,120
SAN FRANCISCO, 140 New Montgomery Street.
Passenger Elevator, signal system, despatch equipment for new coast division bldg.
Owner—The Pacific Tel. & Tel. Co., 333 Grant Ave., San Francisco.
Architect—J. R. Miller, P .L. Pflueger and A. A. Cantin, Lick Bldg., San Francisco.
Contractor—Otis Elevator Co., Beach and Grant, San Francisco.

Sub-Contracts Awarded.
BUILDING Cost, $112,150
SAN FRANCISCO, Seventh and Howard Streets.
Three-story reinforced concrete "Blindcraft" building.
Owner—S. F. Association for the Blind (Misses H. E., I. M. Cowell and Mr. S. H. Cowell, donors).
Architect—H. H. Meyers, Kohl Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Excavating to Carlin Grading Co., 180 Sie St., San Francisco.
Lumber to Loop Lumber Co., 16th and Illinois Sts., San Francisco.
Reinforcing Steel to W. S. Wetenhall Co., 17th and Wisconsin Sts., S. F.
Sheet Metal Work to Western Furnace & Cornice Co., 1st and Brannan Sts.
Wiring to Seabeach Electric Co., 1923 Guerrero St., San Francisco.
Glass to W. P. Fuller & Co., 301 Mission St., San Francisco.
Heating and Plumbing to J. E. O'Mara, 445 Clara St., San Francisco.

LOS ANGELES, Cal.—Columbia Cement Co., Los Angeles (Fred A. Ballin, pres. and former pres. of the Monolith Portland Cement Co.) has purchased 2500 acres of land along the San Diego and Arizona Ry. in Imperial county bet Dixie and Coyote Wells, formerly owned by the So. Cal. Marble Development Co. Plans are under way for a $1,000,000 cement plant for the manufacture of a pure white cement from the marble deposits on this land.

SOBODA HOT SPRINGS, Riverside Co., Cal.—John G. Althouse has started work on a modern 2-story bathhouse, 110x43 ft. in connection with a recently completed swimming pool. Est cost $40,000. Soboda Lithia Hot Springs is located a few miles east of San Jacinto on the slopes of San Jacinto Mountains.

COALINGA, Fresno Co., Cal.—H. R. Palmer of Los Angeles and Roy Gleason of San Francisco, are making a preliminary survey of the territory back of Coalinga, where they have secured acreage containing large magnesite deposits, the deposits being at what is known as Sampson Peark. A plant will be erected.

MERCED, Merced Co., Cal.—Until May 31, 3 p. m. bids will be rec. by H. P. Sargent, sect'y., Merced Irrigation District, to fur. approx. 350,000 bbls. Portland Cement, delivery to begin about Sept. 1 at approx. 15,000 to 30,000 bbls. per month. Most of cement to be delivered in bulk or in commercial cement sacks in carload lots f. o. b. Exchequer on the Yosemite Valley r. r. in Mariposa county, Calif., the remainder to be delivered in good commercial sacks in car lots f. o. b. Merced Falls, Starr Siding, Pleasant Valley and Jasper. Cert check 5% payable to dist. req. R. V. Meikle, chief eng. for district.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 818 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

8193—Mexico, D. F. Firm desires to buy quantities of shellac regularly at intervals of two months, and requests quotations on the dark, medium and light qualities, f. o. b., San Francisco. Particulars as to these quotations should be obtained from Foreign Trade Bureau.

8194—Mexico, D. F. Trading company requests samples and quotations on unmanufactured rattan.

8197 — Ogallala, Neb. Manufacturers of electric soldering irons desire to export through an established San Francisco house which would take over their agency for certain foreign territories. Descriptive literature on file with Foreign Trade Bureau.

8198—Hongkong, China. Large import and export house desires agencies from San Francisco exporters or manufacturers.

8200—West Orange, N. J. Retailer desires to buy Japanese split bamboo lawn rakes.

8201—San Francisco, Cal. Local automobile company is able to furnish exporters with Ford machines for resale in the Orient and Australia.

8202—Mexico, D. F. Manufacturers' representatives, giving banking and business references, desire to represent San Francisco manufacturers in the Mexican territory. They offer to furnish full particulars to companies contemplating entrance in this market.

8203—United Kingdom. Manufacturers are desirous of appointing an exclusive representative in San Francisco for the sale of toilet brushes, household bushes and paint brushes. Prices are on file at British Consulate.

8206—Manchester, England. Firm is in the market for aluminum circle, varying in diameter from 18 to 20 B. W. G., 98 to 99% purity, to be shipped so as to reach India by June or July, 1924. C. I. F. quotations, Calcutta, are requested.

8207—Sydney, Australia. Corporation with an appliance for reconditioning used lubricating oil, desires to communicate with interested San Francisco firms.

8208—Guayaquil, Ecuador. Firm desires to buy in San Francisco, glassware, earthenware, enamelware, furniture and seeks to make necessary arrangements.

8211—Los Angeles, Cal. Import house desires to establish connections with a San Francisco foreign trade house for buying and selling.

8213—San Francisco, Cal. Gentleman, with twenty years experience in sales correspondence and private secretarial work, desires to establish permanent connection with San Francisco import and export house.

8214—San Francisco, Cal. Salesman, with experience in import, export and brokerage commission lines desires to associate himself with local firm.

D-1227—Los Angeles, Cal. Party desires purchase good second-hand band sawmill of about 50,000 feet capacity.

D-1228 — Providence, R. I. Concern desires to communicate with parties interested in purchasing steel balls, seamless and welded cold drawn precision tubing, hollow seamless material of large diameter, and oil well casing.

D-1229—Tucson, Ariz. Party desires to purchase containers for putting up an auto and furniture polish and wants prices on cans 8, 12 and 16-ounce capacity, and glass bottles of the same sizes. Also prices on gummed labels.

D-1233—Kingsburg, Cal. Gentleman desires to communicate with wholesale radio equipment houses. Kindly submit catalogs.

D-1236—South Pasadena, Cal. Gentleman desires to communicate with consumers of coke in large quantities. Prices upon reuest.

D-1237 — Detroit, Mich. Inventor of wood-working and water pumping machine desires to communicate with dealers and distributors to handle product.

D-1238—Springfield, O. Concern desires to secure representative for their product to manufacturer, on commission basis.

8227—San Francisco. Party going to Europe in June via principal Eastern cities, will transact business of any nature either in the United States or Europe on reasonable compensation or commission basis. References.

D-1239—Miami, Fla. Firm will erect large type windmotors in various parts of the United States, West of the Mississippi, and desires to communicate with parties interested in windpower.

D-1243 — Alliance, Ohio. Designers, manufacturers and contractors desire to secure representative.

DURO
California Cedar Products Co.
All-Key Plaster Lath
(Patented)
100% Mechanical Key.
Plaster Wall Board
(Patent applied for)
The Last Word in Wall Board.
CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

BILTMORE HOTEL, LOS ANGELES
SCHULTZE & WEAVER, *Architects*

The patented vacuum cleaning device shown here is just one reason why Pioneer White Lead is always whiter than other Old Dutch Process White Leads. This device is an exclusive Fuller feature, and insures even the finest particles of impurities being removed.

Twenty-six Tons of PIONEER WHITE LEAD

were used on the magnificent
BILTMORE HOTEL

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W. P. FULLER & CO.

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Leads for Business

LEASES—Nov 30, 23 — United Cigar Stores Company of America to Cost Romais and Nick Paxinos—47 4rd st 5 yrs 11 mos.
May 9, 24—Clara Bibbero wf David Bibbero to Leon Lafabreque — 744 Howard St bet 3rd and 4th sts Hotel Comfort 4 yrs $7200.
AUTOMOTIVE—E. D. Green (shop), 331 Jessie.
Perry St. Repair Shop, 180 Perry.
BROKERS—T. J. Flynn & Co., 364 Bush
BUILDING MATERIALS—Knapp Bros. Mfg. Co. and Rising & Nelson Slate Co., Call Bldg.
CIGARS—New store 73 Turk.
Guiseppo Laurenti, 501 Pacific.
CLOTHING—Keruer Bros. Co., 564 Mission.
CREDIT RATINGS — Pacific States Creditors Agency, 760 Market.
DRAYAGE — Fred Holgerson, 1847 Market.
FURNITURE—San Francisco Furniture Co. (1022 Mission), 1605 Geary.
GROCERS — Fred Fiske, 3373 Sacramento.
ORNAMENTAL PLASTER WORK — Henry Gregeire, 387 12th.
PRINTING—Regal Press (H. F. Foster) 381 Bush.
RADIO—A A A Radio Co., 1239 Van Ness Ave.
REAL ESTATE—Guy Wayman, 156 Montgomery.
RESTAURANTS — Popular Lunch (J. Saribalis), 5625 Geary.
SALT—Norton Salt Co., 623 3rd.
SHOES—Hirrell Bros. (repairing), 1746 Clement.
STOCKS & BONDS—Cooper & Cooper, 409 Pine.
TEAS—Western Tea Co., 1160 McAllister.
MISCELLANEOUS — Gas Appliance Sales Co., Inc., from 917 Van Ness Ave. soon.
Tang Products Co., 3740 Geary.
Bay St. Louis, 995 Market.
ADDRESSES WANTED—Dunlop Tire & Rim Co.
MacDonald Glass Co.
National Mfg. & Products Co.
American Nokel Co.
Burnhardt-Ulman Co. (of New York) opening branch here.
Public Utilities Co.
LEASES—May 5, 24—Julia Akergren to Hector Pefferini, and Portano Peri —SW cor Pacific & Stockton Sts 119-99 Stockton St 3 yrs 11 mos $14,-100 and option to renew
Dec. 19, 23—Alice P Keeffe to N G Lauritsen—S Frederick bet. Cole & Clayton Sts 379 Frederick St 2 yrs $1440.
April 19, 24—Mabel M Wells to A C Woodside—Sacramento St bet Steiner & Fierce Sts 2661 Sacramento St 1 yr $45 per mo.
April 12, 24—Barbara Hecker to W L McHardy—E Castro 186 N 19th N 37 x E 125 No. 561 Castro st 5 yrs $12,-000.
April 11, 24—H M Selger to J B Allen as Brownlee-Allen Hardware Company—E Fillmore 69-6 N O'Farrell 5 yrs $21,600.
April 23, 24—Philip Reilly to Eva Allen—E Valencia bet 22nd & 23rd Sts 1169 Valencia st 5 yrs $2985.
April 4, 23—Julia Bianchi to Earnest Frederick Old—1000 Cortland ave 9 yrs 6 mos 20 days $60 per mo and option to renew.
Assigned April 28, 23 to Mrs. Will Utecht val con
Assigned to Fred Hall val con
LEASES—Oct. 29, 1923—Chamberlain & Procter to United Stores Realty Corporation—NE Sutter and Powell No. 494 Sutter St., 5 years, $22,500.
April 4, 1924—P. E. Mulligan to Henry C. Luckmann and Charles Martin—N ½ Alamo Market on SW Cor. Hayes and Divisadero, No. 599 Divisadero St., 5 years, $4500.
July 1, 1923—I. N. Eisenberg to Laura Breuer—E Leavenworth bet. Clay & Washington Nos. 1350, 1352, 1358 and 1360 Leavenworth St., 4 years, $11,160
April 22, 1924—Leon Audemard to Pierre and Louise Carrere—W Mission bet. 16th and 17th Sts. No. 2084 Mission St. 3 years, $8640.
May 7, 1924—Amson Reinhart and Siegmund Hertzmann to Felix and Doria Galut—623 and 625 Larkin St., Landsdale Hotel, 619 Larkin St., 8 years, $50,400.
LEASES—May 7, 24—P H Barrett to John Thomas Larkim—1221 Divisadero st 5 yrs $2100
May 9, 24—Harry Shapiro to T N Brillhart—90 Lapidge cor. 19th st 3 yrs $52.50 per mo.
LEASES—Mar. 17, 24—Tillie Pilger to L D Overmier—W 33d ave 100 S Geary No 501 33d av 2 yrs $360.
May 1, 24—Mary M Posey to Joe Shoong—S Sacramento 67 W Dupont W 70-6 x S 68-9 known as 819, 821, 823, 825, 827, 829 & 831 Sacramento St 20 yrs $91,500.
LEASES—Feb. 19, 24 — Grace S and Redmond W Payne to The United States of America—W 6th Ave 111 N Clement bet Clement & California 10 years.
May 1, 1924—L H Enemark as tr of trusts created by deed S Clinton Hastings to Thomas P Madden to Charles N Richard and Frank M Smith as Ferry Drug Company—Market and Sacramento sts Nos 20 & 22 Market St 9 yrs 4 mos $64,400.

LARSEN ADVANCE CONSTRUCTION REPORTS

Are issued every business day in the year covering all classes of construction work—work planned, bids wanted and contracts awarded. Send for sample copies. Larsen Advance Construction Reports, 818 Mission street, San Francisco, or phone Garfield 3140.

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Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

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Official Proposals

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO BIDDERS

Notice is hereby given that the Board of School Trustees of the Rodeo School District, Contra Costa County, California, will receive bids from contractors for the furnishing of all labor and materials for the erection of a two-story brick addition to the present Grammar School Building, to be erected at Rodeo, Contra Costa County, California.

Plans and specifications and form of proposal may be secured from the Architect, N. W. Sexton, 1607 Chronicle Building, San Francisco, or from the Clerk of the Board, Mr. A. A. Smith, Oleum, Contra Costa County, California, or by written request to the architect or Clerk of the Board, accompanied by a $10.00 deposit which will be held until the plans are returned.

All bids must be accompanied by a copy of this advertisement and a certified check for 10% of the bid, drawn to the order of the Trustees, and which will be forfeited should the bidder fail to comply with his bid if required to do so by the Board.

All bids must be filed with the Clerk of the Board of School Trustees of the Rodeo School District, Rodeo, Contra Costa County, California, not later than **12 Noon, Thursday, May 29, 1924,** and then opened in the office of the present Rodeo Grammar School, Rodeo, Contra Costa County, Calif.

The Board of School Trustees of the Rodeo School District reserves the right to reject any and all bids.

(Signed) A. A. SMITH,
Clerk of the Board of School Trustees,
Rodeo School District.
Rodeo, Contra Costa County, Calif.

NOTICE TO CONTRACTORS

(Merced Irrigation District — Power House and Dam)

Notice is hereby given that sealed proposals will be received at the office of the Board of Directors of Merced Irrigation District in the Barcroft Building, Merced, California, until **Saturday, May 31st, 1924, at 1 o'clock P. M.,** for the construction of the Exchequer Dam and Power House, on the Merced River, in Mariposa County, California, together with their appurtenant works, and for the furnishing of cement and concrete aggregates for the above work, and also for the furnishing of railway ballast and concrete aggregates for the new line of the Yosemite Valley Railroad. Four alternative bids may be submitted as follows:

Proposal No. 1, requiring about 57,000 cubic yards of open excavation, mostly in rock; about 17,000 cubic yards of concrete; the erection of about 1500 tons of metal pipes, Valves, gates, structural steel and other metal work; the furnishing of about 300,000 barrels of cement; and about 58,000 tons of railway ballast; and alternative bids on either 25,000 tons, 50,000 tons, or 100,000 tons of sand and gravel or crushed rock for railway structures.

Proposal No. 2, the same in other respects as Proposal No. 1 excepting that no cement is required.

Proposal No. 3, requiring the same as Proposal No. 2 except that no railway ballast, or sand, gravel, or crushed rock for railway structure is needed.

Proposal No. 4, requiring about 760,000 tons of sand, gravel (or crushed rock) and cobbles for the dam and power house; about 58,000 tons of railway ballast; and alternative bids on either 25,000 tons, 50,000 tons, or 100,000 tons of sand and gravel (or crushed rock) for railway structures.

Full plans and specifications therefor can be seen at the office of said Board, and copies thereof will be furnished upon application to the secretary of said Board, accompanied by a deposit of $25.00 for each Copy, to be repaid to all bidders and to all others upon the return of the plans and specifications in good and acceptabe condition not later than May 31st, 1924.

Said Board will meet at its said office at 1 o'clock P. M. on said 31st day of May and open all proposals received in response to this notice.

The contract will be let to the lowest responsible bidder, but the Board reserves the right to reject any and all bids.

Bidder may submit bids upon any or all of the four alternative proposals set forth in the specifications.

Each proposal must be accompanied by a certified check for 5 per cent of the amount of the highest of the alternative proposal submitted, payable to the order of the Merced Irrigation District as a guarantee that the bidder will, if successful, execute a satisfactory contract and furnish a bond in the sum of not less than 25 per cent of the amount of his bid for the faithful performance of the work in accordance with the plans and specifications and a bond for not less than 50 per cent of the amount of his bid as provided in chapter 303 of the Statute of 1919 of the state of California, said bonds to be approved by said board.

The proposal forms bound with the specifications must be properly filled out by the bidder, and the plans and specifications, including the proposal, must be submitted intact with the bid in a sealed envelope addressed to the Board of Directors of the Merced Irrigation District and marked to indicate that each is a proposal for the construction of the said Dam and Power House.

Done in pursuance of an order of the Board of Directors of the Merced Irrigation District this 25th day of April, 1924.

H. P. SARGENT,
Secretary of the Board of Directors of the Merced Irrigation District.

NOTICE TO CONTRACTORS

(Merced Irrigation District—Railroad)

Notice is hereby given that sealed proposals for the construction of approximately 16.79 miles of railroad, except certain bridges and other structures hereinafter specified, will be received by the Board of Directors of the Merced Irrigation District at its office in the Barcroft Building, in the City of Merced, State of California, at any time up to 1:00 o'clock P. M. of

SATURDAY, MAY 31, 1924

at which time and place all bids so received will be opened in public by said board. Thereafter said board will let said work to the lowest responsible bidder but said board reserves the right to reject any or all bids and readvertise for proposals or proceed to construct the work under their own superintendence.

Said railroad will extend from a point on the present line of the Yosemite Valley Railroad at Merced Falls, Merced County, California, to a junction with said present line near Detwiler, Mariposa County, said State.

The work for the doing of which proposals are hereby invited is the clearing and grubbing of the right of way where required, grading of the roadbed, driving of tunnels, construction of wooden trestles and concrete footings therefore, placing of culverts, track laying, ballasting, laying switches and frogs and setting stands, making road crossings, and all other work necessary for the completion of the road, excepting five bridges with the abutments therefor, and the fences, cattle guards, station buildings and signs.

The District will furnish all rails, ties and other track material including all materials for fastening the rails and switches in place and also for gravel for ballast, timber for trestles and pipe for culverts. All other materials required for the completion of the work must be furnished by the Contractor.

The estimated quantities of the principal elements of the work besides the track laying and ballasting are as follows: Excavation about 1,000,000 cu. yds; trestles, about 200,000 F. B. M. and about 6,500 cu. yds. of concrete; tunnels, 3,495 lin. ft. and 3,320 cu. yds. concrete; rock walls, 1,944 cu. yds. laid in cement mortar.

The work is particularly described in the specifications and drawings therefor, which may be seen at said office of said Board in said City of Merced. Copies of said specifications and drawings may be obtained at the office of said Board upon deposit of $15.00 for each copy, said deposit to be returned to the successful bidder and to any others upon the return of the specifications and drawings in serviceable condition not later than May 31, 1924.

Any bidder may submit a proposal for doing all the work covered in these specifications or the work described under one or more of the schedules accompanying the specifications or may submit alternate proposals for doing the work described under all or any number of said schedules. Other conditions of bidding are set forth in the specifications.

Any bidder to whom a contract for said work may be awarded must furnish bonds as provided by law, to-wit: a bond in the sum of at least one-half of the contract price to secure the payment of claims of material men, mechanics and laborers employed upon said work, and a bond in the sum of at least 25 percent of the contract price, conditioned for the faithful performance of the contract.

Each bid must be accompanied with cash or a cashier's or certified check, payable to Merced Irrigation District, for an amount equal to not less than 5 percent of the total amount of the bid as a guaranty that if the bid is accepted the bidder will, within ten days after its acceptance enter into a contract with the district in the form attached to said specifications and furnish the bonds aforesaid.

For the purpose of determining the amount of said bonds and deposit, it will be assumed (without so guaranteeing) that the quantities will be as estimated in the specifications.

Each proposal must also be accom-

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

panied by the guarantee of responsible sureties to furnish bonds as required for any of the proposals accepted.

The proposal forms bound with the specifications must be properly filled out by the bidder and the plans and specifications including the proposal must be submitted intact with the bid in a sealed envelope addressed to the Board of Directors of Merced Irrigation District, and marked to indicate that each is a proposal for the relocation of the Yosemite Valley Railroad.

Done in pursuance of an order of the Board of Directors of the Merced Irrigation District, this 25th day of April, 1924.

H. P. SARGENT,
Secretary of the Board of Directors of Merced Irrigation District.

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, 515 Forum Building, Sacramento, Cal., until **2 o'clock p. m., on June 9, 1924**, at which time they will be publicly opened and read, for construction, in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Ventura County, between Sea Cliff and Rancho El Rincon (VII-Ven.-2-F and G), about one and two-tenths (1.2) miles in length, to be protected by seawall and graded.

Solano County, between Rockville and Fairfield (X-Sol.-7-B), about four (4.0) miles in length, to be widened with Portland cement concrete and crushed gravel or stone shoulders.

The foregoing quantities are approximate only, being given as a basis for the comparison of bids, and the California Highway Commission does not, expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work as may be deemed necessary or expedient by the said Commission.

All bids are to be compared on the basis of the State Highway Engineer's estimate of the quantities of work to be done.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated: May 13, 1924.

BIDS WANTED FOR STOCKTON MEMORIAL CIVIC AUDITORIUM

Sealed bids will be received at the office of the City Clerk of the City of Stockton in the annex to the "Hotel Stockton," northeast corner of El Dorado Street and Weber Avenue, **up to 9.00 P. M., on the 23rd day of June, 1924**, for labor and materials for the furnishing and erection of Memorial Civic Auditorium, to be built on Block No. 28, West of Center Street in the City of Stockton, State of California.

Bids on the building will be segregated as follows:

(1) For all the structural steel erected in the building.

(2) General contract for all of work except the structural steel, plumbing, heating and ventilation, and the electrical work.

(3) Plumbing, heating and ventilation.

(4) Electrical work.

Plans may be seen at the office of the City Clerk or may be secured at the office of GLENN ALLEN, No. 41 South Sutter Street, or WRIGHT & SATTERLEE, Bank of Italy Building, Stockton, California, upon deposit of Fifty Dollars ($50.00) for one (1) divisional set.

Deposits will be refunded upon the return of the plans and specifications upon the date specified, accompanied by a bona fide bid and certified check, in amount hereinafter provided for.

Upon receipt of plans, contractor shall immediately examine and determine if they wish to bid. If not, the plans must be returned to the architects within five (5) days of receipt of same. Contractor not returning plans and specifications within this time or putting a bona fide bid, accompanied by certified check, will forfeit his deposit on plans and specifications.

All bids to be upon forms furnished by the architects and all bids must be accompanied by a certified check in the amount of ten per cent (10%) of the amount of the bid, made payable to the City Auditor of the city of Stockton. (bidders bond will not be accepted) to secure the execution of the contract and bonds by the successful bidder.

The City Council reserves the right to reject any or all bids.

Dated: May 9, 1924.

A. L. BANKS,
City Clerk of the City of Stockton.
(May 12-13-14-15-16-17)

INFORMATION BY THE CITY CLERK

This office is advised by the architects that, in the matter of sets of plans for prospective bidders on the Memorial Civic Auditorium, that those of Divisions Nos. 1 and 3 are now ready, and that those of Divisions Nos. 2 and 4 will be ready after the 19th day of May, 1924.

A. L. BANKS,
City Clerk of the City of Stockton.
(May 12 to 17 incl.)

NOTICE TO CONTRACTORS

Pumping Station, Conduits, Motors, Etc.

Proposals will be received by the W. E. Callahan Construction Company & Smith Bros., Inc., until **10:00 A. M., May 27th, 1924**, for the construction of a reinforced concrete pumping station and discharge conduit; furnishing and installing all necessary conduit, wiring, etc., together with the complete installation of 6-24-inch vertical starters, gate valves, hydraulic, hydraulic pressure system, etc.

Copy of plans and specifications may be obtained from Reclamation District No. 1660, 301 Calif. Fruit Bldg., Sacramento, Calif., upon deposit of $10.00. If a bid is submitted this deposit will be refunded upon return of said plans and specifications to Room 301, Calif. Fruit Bldg., Sacramento.

W. E. Callahan Construction Co. & Smith Bros., Inc., reserves the right to reject any or all bids.

W. E. CALLAHAN CONSTRUCTION Co. & SMITH BROS., INCORPORATED.
Sacramento, Cal., May 9, 1924.

NOTICE TO CONTRACTORS

(Willow Glen School District)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Willow Glen School District, **up to 8:00 P. M. on 24th day of May, 1924**, in the present school building of said school district, in the County of Santa Clara, California, for the erection and completion of a school building for the above named District, in accordance with plans and specifications made for the same by Wyckoff & White, the authorized Architect, employed by the Board.

Bids will be received on a general contract including everything shown and specified with alternate propositions.

Plans and specifications can be seen at the office of the Architects, Wyckoff & White, 511 Growers Bank Building, San Jose, California.

A deposit of Twenty Dollars ($20.00) cash will be required on all plans loaned out on a guarantee of good faith.

All bids to be made out on blank forms furnished by the Architects, and must be accompanied by a check for not less than five per centum (5%) of the amount of the bid, made payable to Geo. B. Cushing, Clerk of the Board, and certified to by some responsible banking house. This check is to be forfeited in the event that the successful bidder, after having been awarded the contract, fails within ten days (10) to sign the contract and furnish good and sufficient bond, as required by law.

The Board reserves the right to reject any or all bids.

Dated at San Jose in Willow Glen School District, this 8th day of May, 1924.

H. L. AUSTIN,
J. E. MORRISH,
GEO. B. CUSHING,
Trustees of Willow Glen School District.

NOTICE TO CONTRACTORS

(West Side Union High School District)

Notice is hereby given that the Board of Trustees of the West side Union High School District, of the City of Los Banos, County of Merced, State of California, will receive sealed bids for the furnishing of all labor and materials necessary in the erection and completion of a Manual Arts building including works, according to plans and specifications prepared by Henry F. Starbuck, architect, of the city and county of Fresno, and in strict accordance with bids and alternate bids asked for in the specifications.

Said sealed bids will be received up to and including **2 p. m. of the 26th day of May, 1924**, by the undersigned Clerk of the Board in the City of Los Banos, County of Merced, State of California.

Said sealed bids must be accompanied by a certified check, cashier's check or bidder's bond in a sum equal at least to 10 per cent of the amount of bid to do the work mentioned and made payable to the undersigned Clerk of the Board as a guarantee that the bidder will execute the proper contracts and bonds in case the contract is awarded to him by reason of his bid.

Plans and specifications are on file at the office of the Clerk of the Board at the high school building. All bids to be made out on blank forms furnished by the Clerk.

The successful bidder will have to give a satisfactory bond in the sum of 50 per cent covering labor and materials, and an additional 10 per cent bond for faithful performance as fully set forth in specifications.

Said Board of Trustees of the West Side Union High School district reserves the right to reject any and all bids or alternate bids, or any part or any parts of any bids and reject the balance thereof, and to waive any informality in any bids or alternates received.

All bids to be addressed to S. B. Dismukes, Clerk of Board of Trustees of the West Side Union High School District, County of Merced, State of California.

By ORDER OF SAID BOARD OF TRUSTEES.
By S. B. DISMUKES,
Clerk of Board.

NOTICE TO CONTRACTORS

(Bridge—Angeles National Forest)

Sealed proposals for constructing the above-named bridge on the Big Bear National Forest Highway Extension located within the Angeles National Forest, County of San Bernardino, State of California, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 400 Bay Building, 9 Main Street, San Francisco, California, until

9 o'clock A. M., on the 28th day of May, 1924, at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids and none will be considered except those from contractors ascertained to be experienced and responsible.

The length of the bridge to be constructed or improved is approximately 350 feet and the principal items of work are approximately as follows:

One concrete bridge across Big Bear Lake Dam containing: 606 cu. yds. class A concrete; 15 cu. yds. class C concrete; 1100 cwt. reinforcing steel.

Construction shall be started within fifteen days after notice so to start has been given the contractor by the District Engineer, and shall be completed within 100 weather working days after said notice to start construction has been given.

The contract form, maps, plans and specifications may be examined by responsible contractors at the following addresses:

400 Bay Building, 9 Main St., San Francisco, Calif.

% County Surveyor, San Bernardino, Calif.

% Associated General Contractors, Los Angeles, Calif. (430 Douglas Bldg.)

The Bureau has available for loan to contractors on a rental basis equipment at Government Island, Oakland, California, as listed in the specifications. Bidder will state in his bid the Government equipment that he will use during construction and the minimum required. The estimated rentals will be taken into consideration and award will be made on the bid to the best advantage of the Government.

Plans and specifications will be furnished contractors who contemplate bidding, upon deposit of a check for $5.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications above referred to.

C. H. SWEETZER,
District Engineer.

May 1, 1924.

NOTICE TO CONTRACTORS

(Pine Knot and Fredalba Extensions—Big Bear Lake National Forest Highway)

Sealed proposals for constructing one or both extensions to the above named National Forest Highway located within the Angeles National Forest, County of San Bernardino, State of California, will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 400 Bay Building, No. 9 Main Street, San Francisco, California, until **9 o'clock A. M., on the 28th day of May, 1924,** at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids and none will be considered except those from contractors ascertained to be experienced and responsible.

The Fredalba Extension is located about 30 miles northeast of San Bernardino, California, and is approximately 1 mile in length. The Pine Knot Extension is located about 40 miles northeast of San Bernardino, California, along the south shore of Big Bear Lake, and is approximately 2 miles in length.

The principal items of work in the two extensions are approximately as follows:

Clearing Both Extensions.
Excavation unclassified, 74,600 cu. yds.
Class A Concrete, 225 cu. yds.
Class C Concrete, 35 cu. yds.
Reinforcing Steel, 25,000 lbs.
Cement Rubble Masonry, 100 cu. yds.
Concrete Pipe, 1222 lin. ft.
Corrugated Metal Pipe, 610 lin. ft.

Construction shall be started within fifteen (15) days after notice to start construction has been given the contractor by the District Engineer and shall be completed within the time specified in the Special Provisions.

The contract form, maps, plans and specifications may be examined by responsible contractors at the following addresses.

400 Bay Building, 9 Main Street, San Francisco, California.

W. L. Klein, % B. E. Wood, Stone House, South end Big Bear Lake Dam.

Associated General Contractors, 430 Douglas Building, Los Angeles, California.

The Bureau has available for loan to contractors on a rental basis equipment at Government Island, Oakland, California, as listed in the specifications. Bidders will state in his bid the government equipment that he will use during construction and minimum time required. The estimated rentals will be taken into consideration and award will be made on the bid to the best advantage of the Government. Government explosives are also available according to the terms of the specifications.

Plans and specifications will be furnished contractors who contemplate bidding, upon deposit of a check for $10.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications above referred to.

C. H. SWEETSER,
District Engineer.

May 1, 1924.

STATE OF CALIFORNIA
CALIFORNIA HIGHWAY COMMISSION
NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on June 2, 1924,** at which time they will be publicly opened and read, for construction, in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Shasta County, on Route 3, Section
Shasta County, on Route 3, Section A, bridge over Olney Creek, Clear Creek, and China Gulch.

Placer County, between ¾ mile north of Colfax and Gold Run (III-Pla-37-C), about eight (8.0) miles in length, to be graded.

Alameda County, between Greenville and Livermore (IV-Ala-5-A), about four and three-tenths (4.3) miles in length to be widened with Portland cement concrete shoulders.

The foregoing quantities are approximate only, being given as a basis for the comparison of bids, and the California Highway Commission does not, expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work as may be deemed necessary or expedient by the said Commission.

All bids are to be compared on the basis of the State Highway Engineer's estimate of the quantities of work to be done.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the offices of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated May 5, 1924.

(May 9-16-23-30)

STATE OF CALIFORNIA
CALIFORNIA HIGHWAY COMMISSION
NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the California Highway Commission, **515 Forum Building, Sacramento, Cal., until 2 o'clock p. m., May 26, 1924,** at which time they will be publicly opened and read, for construction, in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Del Norte County, a bridge across Klamath River near Requa (I-D.N.-1-A), consisting of five 210 foot reinforced concrete arch spans and two 50-foot reinforced concrete approach spans.

Lassen County, between Susanville and Johnstonville (II-Las.-29-C), about four and five-tenths (4.5) miles in length to be paved with asphalt macadam.

San Mateo County, between Redwood City and Southerly Boundary (IV-S.-M.-2-B), about three and five-tenths (3.5) miles in length to be paved with asphalt concrete and widened with macadam shoulders.

Sacramento and San Joaquin Counties, across Dry Creek near Galt (X-Sac.-S.J.-4-A & D), a bridge composed of 9 steel spans at 80 feet each to be refloored and painted.

The foregoing quantities are approximate only, being given as a basis for the comparison of bids, and the California Highway Commission does not, expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work as may be deemed necessary or expedient by the said Commission.

All bids are to be compared on the basis of the State Engineer's estimate of the quantities of work to be done.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

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No bids will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: April 28, 1924.

Engineering News Section

BRIDGES

PORTLAND, Ore.—Until May 29, 2 p. m., bids will be rec. by State Highway Commission, 520 Multnomah County Courthouse, Portland, to construct bridge over Willamette river at Harrisburg, involv. 3000 cu. yds. excavation, 29,000 lin. ft. wood piling, 1275 cu. yds. conc., 105,000 lbs. metal reinforcement, 70 M ft. lumber, 900,000 lbs. structural steel, 1675 lin. ft. trestle superstructure and 600 lin. ft. bank protection. Plans obtainable from commission on deposit of $10. Roy A. Klein state highway engineer.

PORTLAND, Ore.—Until June 12, 2 p. m., bids will be rec. by State Highway Commission, 520 Multnomah County Courthouse, Portland, to construct bridge over Willamette river at Albany involv. 4100 cu. yds. excavation, 15,000 lin. ft. wood piling, 110 pieces conc. piling, 3600 cu. yds. conc., 355,000 lbs. metal reinforcement, 18 M ft. lumber, 1,500,000 lbs. structural steel, 2450 lin. ft. concrete handrail and other miscellaneous items. Plans obtainable from commission on deposit of $10. Roy A. Klein, state highway commissioner.

SEATTLE, Wash.—City council authorizes preparation of plans for span bridge over Lake Washington canal at Montlake Blvd., the authorization providing for a loan of $500,000 from the Spokane St. fund to carry on the work.

MARIN-SONOMA COUNTIES, Cal.—Following bids rec. May 12 by State Highway Commission to clean and paint 3 coats, a bridge over Petaluma Creek:

Jenkins & Elton, 3560 Y St., Sacramento	$4768
D. E. Burgess	4938
Engineer's estimate	5400

STOCKTON, San Joaquin Co., Cal.—Bids will be asked at once by city council, to be opened probably May 26, to const. wooden bridge over Mormon slough in Wilson Way. A. L. Banks, city clerk and W. B. Hogan, city eng.

SAN RAFAEL, Marin Co., Cal.—T. A. MacDougall & Son, San Rafael, at $1167 awarded cont. by supervisors to const. rein. conc. culvert on Nicario rd., in Rd. Dist. No. 5 and at $8548 to const. rein. conc. bridge over Lagunitas creek.

HEALDSBURG, Sonoma Co., Cal.—Until May 23, bids will be rec. by town trustees to const. rein. conc. bridge, 50 ft. long, 25 ft. wide at south entrance to city. Plans obtainable from town clerk.

SACRAMENTO, Cal.—County supervisos reject bid of Nystedt and Isham of Stockton, only bid received at $132,884 to construct Painterville bridge over Sacramento river. Est. cost of C. W. Deterding Jr. was $112,000. This is second time bids have been rejected.

SANTA BARBARA, Cal. — Until 10 a. m., June 2, bids will be rec. by the supervisors to const. 5-span reinf. conc bridge with necessary piers for certain sections of old bridge across Sisquoc river near town of Garey, 5th Rd. Dist., Santa Barbara county. Cert. check 10% Owen H. O'Neill, county surveyor.

PASADENA, Cal. — Paul H. Ehlers, 1959 N Raymond Ave., Pasadena, low bidder at $87,700 to erect new reinf. conc. bridge over Arroyo Seco near Brookside Park to replace old Linda Vista bridge which will be wrecked. Bids referred to City Manager Koiner. Other bids were: De Waard & Son, $75,400; Kinne & Westerhouse, $79,400; W. M. Ledbetter & Co., $91,119.

DREDGING, HARBOR WORKS AND EXCAVATIONS

BLYTHE, Cal.—L. D. Crawford, care board of directors of district, was low bidder at $323,000 to const. 36 mi. open drain in Palos Verdes Irrigation Dist., involv. about 1,460,000 cu. yds. excav. at 13.33c cu. yd. Other bids were: C. E. Green, Los Angeles, $335,000; John Phillips, Oakland, $341,229; D. A. Foley, Los Angeles, $410,233; H. J. Foley, Los Angeles, $480,020. Bids taken under advisement. F. F. Friend, chief engr.; D. W. Murphy, Hollingsworth Bldg., Los Angeles, consulting engr.

SAN FRANCISCO—See "Government Supplies," this issue. Bids wanted for rip-rap.

MARYSVILLE, Yuba Co., Cal.—Capt. J. D. Hutchinson, Marysville, at approx. $7,000 submits only bid to city council to dredge Ellis Lake involv. approx. 23,256 cu. yds. earth removal. Taken under advisement.

WASHINGTON, D. C.—Army Engineer Corps announce allotment of $20,000 from current river and harbor funds for work on the Sacramento river, California.

MERCED, Merced Co., Cal. — Until May 28, 10 a. m., bids will be rec. by H. P. Sargent, secy. Merced Irrigation District, to construct structures on the Hammett Canal Extension and canals on the Robison tract; a siphon under state highway and structures on arena spillway canal, involv. approx. 140,000 f. b. m. lumber in bridges, checks, drops and side gates; install 5 conc pipe siphons. Cert. check 5% payable to district req. Specifications obtainable from secretary. R. V. Meikle, chief engineer for district.

LONG BEACH, Cal.—Plans for the improvement of the Long Beach harbor under the new $5,000,000 recently voted bond issue, include: entrance channel 40 ft. deep, 1000 ft. wide; granite boulder sea-wall, starting from the west bank of the flood control channel, running out to sea in a straight line 17,000 ft., then curving to meet the present terminus of the breakwater at the lighthouse, the distance from the west bank to the lighthouse being 30,000 ft; a mole 500 ft. wide along this granite wall and extending from the Long Beach end several hundred feet; the mole will carry railroad tracks, trolley tracks, truck highways, warehouses, and steamship berths. There will also be included the reclamation of 200 acres of land as the first step in the development of the harbor.

Carbide Flare Lights
OxyAcetyleneEquipment
Goggles—Respirators
First Aid Supplies
Carried in stock
E. D. BULLARD
565 HOWARD STREET
San Francisco, Calif.
Douglas 6320

ENCINITAS, Cal.—Stroud Bros., Los Angeles, awarded contrs. 1 and 2 to trench for const. of water mains on two projects in the San Dieguito Irrigation Dist., The bid was (1) $784 and (2) $385. Baker Iron Wks., Los Angeles awarded contrs. for fur. 4-in. riv. steel pipe and fittings, at (1) $3752.55 and (2) $1768.30. The work is as follows:

Project No. 1—fur. and lay 6400 lin. ft. 4-in. riv. steel pipe with fittings; trench and back fill 12,000 lin. ft. of ditch 16-in. wide and 29 in. deep; fur. c. i. and brass fittings for 4-in. riv. steel pipe and 2½-in. stand. screw pipe in connection with previous item.

Project No. 2—Fur. and lay 3260 lin. ft. 4-in. riv. steel pipe with steel fittings; trench and back fill 5500 lin. ft. of ditch 16-in. wide and 29 in. deep; fur. c. i. and brass fittings for 4-in. riv. steel pipe and 2½-in. stand. screw pipe.

Other trench bids were: Sidney Smith, Los Angeles, (1) $1120; (2) $550 Geo. Mitchell Co., Los Angeles, (1) $1344; (2) $605; other pipe bids were Lacey Mfg. Co., $3792.30; (2) $1787.95; Western Pipe & Steel Co., (1) $3885.20; (2) $1820.40; Los Angeles Mfg. Co., (1) $3825.05; (2) $1803.45.

MARYSVILLE, Yuba Co., Cal.—Capt. J. D. Hutchinson, Marysville, at $7000 awarded cont. by city trustees to dredge Ellis Lake north of 14th st.

IRRIGATION PROJECTS

CALIFORNIA — Following applications for permits to appropriate water were filed with Edward Hyatt, Jr., Acting Chief of the Division of Water Rights, State Department of Public Works at Sacramento, during the month of April:

Applications

Application No. 3935 (San Luis Obispo County) City of San Luis Obispo, Cal for 4420 ac. ft. from Lopez Creek for municipal purposes.

App. 3936 (Tehama County) E. B. Perrin, Los Angeles, for 50 cu. ft. per sec, 12,000 ac. ft. annum Thoms Creek, generation of electric power, 5823 theoretical H. P. to be developed.

App. 3937 (Tehama Co.) E. B. Perrin, Los Angeles ,Cal., for 150 cu. ft. per sec. and 20,000 ac. ft. per annum from Thoms Creek, for generation of electricity, 27,272 theoretical H. P. to be developed.

App. 3938 (Placer & Nevada Cos) Bear River Power Co., Auburn, Cal., for 250 cu. ft. per sec. and 100,000 ac. ft. per annum from Bear River, for generation of electricity, 42,994 theoretical H. P. to be developed.

App. 3939 (Placer Co) Bear River Power Co., Auburn, Cal., for 250 cu. ft. per sec. and 100,000 ac. ft. per annum from Bear River, for domestic use and irrigation of 200,000 acres in Placer Irrigation District.

App. 3940 (San Bernardino Co.) L. J. Barber and Wm. K. Warren, of Los Angeles, Cal., for .12 cu. ft. per sec. from Branch of Johnson Gulch for domestic use on subdivision. Est. sost. $15,000.

App. 3942 (Riverside Co) Dr. Jacob John Kocher, Palm Springs, Cal., for .075 cu. ft. per sec. from Tahehevah Creek, for domestic and irrigation purposes. Est. cost $3000.

App. 3943 (Eldorado Co) J. T. Chambers, Sacramento, Cal., for .001 cu. ft. per sec. from unnamed stream, for domestic purposes. Est. cost $100.

App. 3944 (Tehama & Glen Cos) U. S. Bureau of Reclamation of Orland, Cal., for 5500 ac. ft. per annum from Stony Creek, for irigation of 25,000 acres. Cost of works, $3,925,000. Supplementary to Application 2212 for 115,000 ac. ft. per annum.

App. 3959 (Los Angeles Co) E. Kirchner and H. H. Holland, Los Angeles, Cal., for .23 cu. ft. per sec. from Gold

PUBLIC LIBRARY

Canyon, for domestic use. Est. cost, $3000.

App. 3971 (San Mateo Co) Dante Diaanda and John Petroni, Half Moon Bay, for 1.88 cu. ft. per sec. and 33.5 ac. ft. per annum from McMahon Creek and unnamed creek, for irrigation of 150 acres. Est. cost $9000.

App. 3969 (Mono Co) Nevada-California Power Co., Riverside, Cal., for 1742 ac. ft. per annum from Rush Creek, for generation of 2016 theor. H. P. Supplementary to Application 1026 for 3763 ac. ft. Est. cost $19,845.

Permits

Following permits were granted by the Division during the month of April for permits to appropriate water:

Permit No. 1686 (Inyo County). Issued to L. O. Ray and J. W. Messick, Bishop, Cal., for 0.75 cu. ft. per sec. from Black Canyon Spring for mining purposes. Est. cost $4000.

Per. 1687 (Shasta Co) Mt. Shasta Power Corporation, San Francisco for 25 cu. ft. per sec. from Rock Creek for power purposes. Proposes to develop 589 T.H.P. Est. cost $15,000.

Per. 1689 (Los Angeles Co) Milded B. Jones, Los Angeles, for 1 cu ft. per sec. from 2 unnamed canyons for domestic use and irrigation of 85 acres. Est. cost $1000.

Per. 1691 (Lassen County). Homer C. Jack et al, Bieber, Cal., for 1280 ac. ft. per annum from an unnamed canyon for irrigation of 1720 acres. Est. cost $1000.

Per. 1694 (San Joaqu'n Co) Ripon Land Co., San Francisco, for 69.27 cu. ft. per sec. from Stanislaus and San Joaquin Rivers, for irrigation of 5541.54 acres. Est. cost $100,000.

Per. 1695 (Sutter County) Clauss and Bryte, Sacramento, for 9.63 cu. ft. per sec. from Sacramento River, for irrigation of 770.6 acres. Est. cost $9000.

Per. 1697 (Contra Costa Co) Jersey Island Reclamation District No. 830, San Francisco, for 44.6 cu. ft. per sec. from San Joaquin & False Rivers and Sloughs. Movable syphons along shore line of Jersey Island Reclamation District No. 830, for irrigation of 3568 acres.

Per. 1698 (Inyo Co) C. C. Chapman, Big Pine, Cal., for 217.12 acre feet per annum from Red Mountain Creek, for irrigation of 160 acres. Est. cost $2880.

Per. 1699 (Stanislaus Co) Turlock Irrigation District, Turlock, for 1725 cu. ft. per sec. from Tuolumne River for power purposes. Proposes to develop 22,543 T.H.P. Est. cost $480,000.

Per. 1700 (Stanislaus Co) Modesto Irrigation District, Modesto, for 1500 cu. ft. per sec. from Tuolumne River for power purposes. Proposes to develop 19,210 T.H.P. Est. cost $360,000.

Per. 1703 (Calaveras Co) J. S. Jack and M. Gattavara, Mt. Ranch, Cal., for 3 cu. ft. per sec. from Jesus Maria Creek, for power purposes. Proposes to develop 30 T.H.P. Est. cost $4500.

Per. 1704 (Humboldt Co) H. L. Jackman, Eureka, Cal., for 1900 cu. ft. per sec. from Klamath River, for power purposes, 92,045 T.H.P. to be developed. Est. cost $9,000,000.

Per. 1705 (Humboldt Co) Electro Metals Co., San Francisco, for 3075 cu. ft. per sec. from Klamath River, for power purposes, 32,727 T.H.P. to be developed. Est. cost $2500.

Per. 1706 (Humboldt Co) Electro Metals Co., San Francisco, for 3000 cu. ft. per sec. and 59,655 ac. ft. per annum from Klamath River for power purposes, 103,295 T.H.P. to be developed. Est. cost $8,000,000.

GRASS VALLEY, Nevada Co., Cal.—Nevada Irrigation District has signed with Pacific Gas & Electric Co. for power in connection with the district which practically guarantees the financial success of the district. Fred H. Tibbetts, consulting engineer, Alaska Commercial Bldg., San Francisco, has prepared the following estimates on the cost of the irrigation works: (Mountain Division) Jackson Meadows development, $1,566,840; Milton-Bowman development, $1,180,300; Bowman and Bowman-Spaulding construction, $975,600; (Distributing System) new construction, 112 miles of new ditches with structures, $1,584,000; acquisition and necessary reconstruction of existing works, $245,000.

LIGHTING SYSTEMS

ALHAMBRA, Cal. W. A. McNally, 517 S Broadway, Pasadena, awarded contrs. by city comm. to const. Main St. lighting system and the Garfield Lighting system. The price of the former was $107,240, and the latter $12,490.

SUISUN, Solano Co., Cal. T. O. Dowell, at $9950 awarded cont. by city trustees to install electrolier system. Other bids: Robinson Electric Co., $10,600; Butte Co., $10,453; H. C. Reid Co., $9760.

LOS ANGELES, Cal.—Until 10 a. m., May 26, bids will be rec. by Bd Pub. Wks. to const. lighting system in Santa Monica Blvd., bet. St. Andrews Pl. and Wilton Pl., involv. 12 cast iron ornam. posts; 1911 act.

Bids, same date, to const. ornam. lighting system in Orange Dr., bet. Wilshire Blvd. and 200 ft. s of 9th St., involv. 17 conc. ornam. posts; 1911 act.

REDONDO BEACH, Cal.—City trustees declare inten. to const. ornam. lighting system on Esplanade bet. Ave. 3 and n. terminus of the Esplanade; Catalina Ave., bet. Ave. 1 and Catalina Ave.; and portions of Pacific Ave., Opal St., and Jasper St.; 1911 Act. Harry Polglase, City Clerk.

COTTONWOOD, Shasta Co. Cal.—Women's Improvement Club circulation petitions seeking establishment of a district to finance installation of street lighting system.

LOS ANGELES, Cal.—Until 2:30 p. m. May 23, bids will be rec. by harbor comm., 312 Byrne Bldg., for viaduct lamp posts under spec. 605. J. G. Starr, secretary.

CORONA, Cal.—Harry M. Rouse, San Bernardino, awarded cont. by city trustees at $37,300 to const. lighting system.

STOCKTON, San Joaquin Co., Cal.—June 5 is date set by county supervisors to decide on the formation of the proposed Woodbridge Irrigation District. Should the district be organized, an election will be called to vote bonds to finance construction of irrigation works.

LOS ANGELES, Cal.—Newbery Elec. Corp., 724 S Olive St., submitted low bid to Bd. Pub. Wks at $53,817 to const ornam. lighting system in North Broadway bet. 2 ft. east of Lincoln Park Ave. and Pasadena Ave. Other bids were: C. W. Sparks, $53,975; Elec. Lighting Supply Co., $54,201; R. A. Wattson, $54,700; H. H. Walker, $55,-195; J. C. Rendler, $55,555; A. C. Rice, $57,218; Osborn Elec. Co., $59,784.

LOS ANGELES, Cal.—Until 10 a. m., May 19, bids will be rec. by Bd. Pub. Wks. to const. lighting system in Lincoln Park Ave., bet. N Broadway and Mission Rd., involving 36 pressed steel ornam. posts; 1911 act.

MACHINERY AND EUIPMENT

SAN JOSE, Santa Clara Co., Cal. — Until May 19, 11 a. m., bids will be rec. by Henry A. Frister, county clerk, to fur. and del. one 12-ft. grader, weight 8540 lbs. **See call for bids under official proposal section in this issue.**

SAN JOSE, Santa Clara Co., Cal. — San Jose Auto Wrecking House, bidding $1,000, awarded sale by county supervisors of two boilers no longer required for use at county hospital.

SAN JOSE, Santa Clara Co., Cal. — Bids will be asked at once by Henry J. Pfister, county clerk, to fur. two or more screened commercial cars; 2 or more touring cars, the cost of the latter not to exceed $1600 each.

SAN JOSE, Santa Clara Co., Cal. — The City Store at $551.95 awarded contract by county supervisors to fur. and del. one McCormick Deering Type "B" ensilage cutter.

REEDLEY, Fresno Co., Cal.—Until May 24, 8 P. M., bids will be rec. by Marion Deneen, Sec'y., Reedley Joint Union High School District, to fur. two 40-passenger buses for transportation of pupils.

STOCKTON, San Joaquin Co., Cal.—Until May 28, 4 p. m., bids will be rec. by Ansel S. Williams, secy. Board of Education, Lindsay and San Joaquin Sts., to fur. obe type setting machine. Cert. check $50 req. with each bid.

SANTA ANA, Cal.—Until 5 p. m., May 26, bids will be rec. by city trustees for one track layer tractor, 4-cycle, 4-cyl. water cooled, valve-in-head type. Spec. on file at the office of the city clerk. Cert. check 5%. E. L. Vezely, city clerk.

RAILROADS

MERCED, Merced Co., Cal. — Until May 31, 1 p. m., bids will be rec. by H. P. Sargent, secy. Merced Irrigation District, to construct approx. 16.19-mi. of railroad, except certain bridges and other structures. Line will extend from a point on present line of Yosemite Valley railroad at Merced Falls, Merced county, to a junction with the present line near Detwiler, Mariposa county. District will furnish all rails, ties and other track materials including all materials for fastening the rails and switches in place and also all rock and gravel for ballast, timber for trestles and pipe for culverts, all other materials to be furnished by contractors.

Besides track laying and ballasting the project involves:

Excavation, 1,000,000 cu. yds.; trestles about 200,000 f. b. m. and about 6500 cu. yds. of concrete; tunnels, 3495 lin. ft. and 3320 cu. yds. concrete; rock walls, 1944 cu. yds. laid in cement mortar.

R. V. Meikle is chief engineer for District. **See call for bids under official proposal section in this issue.**

FIRE ALARM SYSTEMS

ASTORIA, Ore.—Bids will be asked by city commission shortly to install fire alarm system in burned district. Approx. $20,000 is available for work.

FIRE EQUIPMENT

RED BLUFF, Tehama Co., Cal.—City trustees contemplate purchase of motor fire apparatus. Representatives of American La France Co., have submitted offers to furnish same on lease purchase contract.

RESERVOIRS AND DAMS

OROVILLE, Butte Co., Cal.—J. A. Huntington, Oroville, at approx. $20,000 awarded cont. by Pacific Gas & Electric Co., to construct 300,000-gal. conc. lined reservoir, enclosed with a high standard fence, in connection with planned in the Oroville section. Work will be done under supervision of Geo. H. Bragg, maintenance engineer of P. G. & E. Co.

MERCED, Merced Co., Cal. — Until May 31, 1 p. m., bids will be rec. by H. P. Sargent, secy. Merced Irrigation District, to construct Exchequer Dam and power house on Merced River in Mariposa county, also to furnish cement and concrete aggregate for above work; also to fur. railway ballast and concrete aggregates for new line of Yosemite Valley R.R. Four alternative bids may be submitted:

Prop. 1—involv. approx. 57,000 cu yds open excavation, mostly in rock; 17,000 cu. yds. tunnel excavation; 380,000 cu. yds. concrete; erect 1500 tons metal pipes, valves, gates, structural steel and other metal work; furnish approx. 300,000 bbls. cement; 58,000 tons railway ballast; and alternative bid on either 25,000 tons, 50,000 tons or 100,000 tons of sand and gravel or crushed rock for railway structures.

Prop. 2—same in other respects as

Proposal 1 excepting that cement is not required.

Prop. 3—requiring same as Proposal No. 2 except no railway ballast sand, gravel or crushed rock for rlwy. structure is needed.

Prop. 4—760,000 tons sand, gravel (or crushed rock) and cobbles for dam and power house; 58,000 tons railway ballast; and alternative bids on either 25,000 tons, 50,000 tons or 100,000 tons sand and gravel (or crushed rock) for railway structures.

R. V. Meikle, chief engineer for district. **See call for bids under official proposal section in this issue.**

Plans Being Figured.

RESERVOIR Cost, $6000

SAN FRANCISCO, Lincoln Park.
Reinforced concrete reservoir.
Owner—Spring Valley Water Co.
Designer — Engineering Dept. Spring Valley Water Co.

Reservoir will be 27 feet in circumference and will have a capacity of about 75 gallons.

BEVERLY HILLS, Cal.—Bids to construct 250,000 gal. reservoir rejected by city trustees and work will be done by the city, Salisbury, Bradshaw & Taylor, 518 Mortgage Guarantee Bldg., Los Angeles, consulting engrs.

PIPE LINES, WELLS, ETC.

LONG BEACH, Cal.—Application has been made to U. S. Engineer's office, by the city of Long Beach for permission to install three 12-inch gas mains across entrance channel, Long Beach harbor, north of Salt Lake railroad bridge at depth of 4 ft. below present bottom of channel, until such time as the channel may be deepened, when the mains will be lowered to conform to a safe depth below channel bed.

LOS ANGELES, Cal.—Mark Lally Co., 3090 Sante Fe Ave., awarded contr. by Bd. Pub. Wks. at $1160.58 to fur. standard iron pipe under spec. 913.

WATSONVILLE, Santa Cruz Co., Cal —Western Well Works, San Jose, at $250 per ft. for preliminary bore and $5 ft. in addition for graveled envelope wall, awarded contract by City Board of Aldermen to drill well near Pinto Lake.

LOS ANGELES, Cal.—McWane Cast Iron Pipe Co., Central Bldg., submitted only bid to public service comm. to fur. C. I. pipe as follows: 25.5c ft. for 1500 pcs. (5 ft. lengths) B. & S. pipe, 30.5c ft.; 500 pcs. Bell and thread pipe; 72c Bell & Thread connections; delivery: begin in 15 days, complete in 45 days. Prices f. o. b. 801 N. Alameda St., Los Angeles.

MONROVIA, Cal.—Until 7:30 P. M., May 26, bids will be rec. by Lewis P. Black, City Clerk, for 2000 ft. 10-in. pipe and 4000 ft. 12-in. pipe. Bids will be rec. for cast iron pipe, Matheson joint pipe, and No. 14 gauge wrapped riveted steel pipe. Any pipe the contractor desires to bid on will be considered. Plans obtainable from the city engr., H. S. Gierlich. Cert. chk. 10%.

MONROVIA, Cal.—Until 7:30 p. m., May 26, bids will be rec. by Lewis P. Black, city clerk, for 1500 ft. 4-in. standard screw dipped pipe with recess couplings. H. S. Gierlich, city engr.

EUREKA, Humboldt Co., Cal.—California Steam and Plumbing Supply Co., 671 5th St., San Francisco, at $2075 awarded cont. by council to fur. 12,500 ft. 2-in. black pipe.

American Cast Iron Co., Balboa Bldg. San Francisco, at $1.63 ft. awarded cont. to furnish 1000 ft. 8-in. water mains.

TURLOCK, Stanislaus Co., Cal. — Crane Co., 2nd and Brannan St., San Francisco, at $.8439 awarded cont. by city trustees to furnish 1100 ft. 6-in. Matheson joint pipe; 2% discount will be allowed for cash payment within 60 days, freight allowed from San Francisco to Turlock. Metal Marine Supply Co., bid $.89 f. o. b. Turlock, delivery within 15 days.

LOS ANGELES, Cal.—Mark-Lally Co. 3090 Santa Fe Ave., submitted low bid to Bd. Pub. Wks. at $1160.58 to furnish standard pipe under spec. 913, involv. 1400 ft. 4-in. std. black W. I. pipe, at $51.60 per C ft.; 2500 ft. 2-in. std. black W. I. pipe at $16.30 per C ft.; 2200 ft. 1in. std. black W. I. at $7.59 per C ft; 1000 ft 1-in. std. galv. W. I. pipe at $9.64 per C ft.; 1000 ft. ¾-in. std. galv. W. I. pipe at $6.73 per C ft. Other bids were: Pacific Pipe & Supply Co., $1525; Thomas Haverty Co., $1560; N. O. Nelson Mfg. Co., $1636.45.

SEWAGE DISPOSAL PLANTS

LA HABRA, Cal.—Date to open bids for sewage collection system of La Habra Sanitary dist. has been extended from May 6 to May 13. Elrod Engineering Co., consulting engrs., Millser Fraser Bldg., Santa Monica. L. J. Wester, La Habra, secy. The work will involve 1625 ft. 15-in., 3093 ft., 12-in. 5857 ft. 10-in. and 2238 ft. 8-in. sewer pipe laid; 12 ft. 16-in., 120 ft. 12-in., 48 ft. 10-in. and 60 ft. 8-in. class A cast iron pipe laid; 42 manholes; 5 15x4 wyes; 200 12-4 wyes; 100 10x4 wyes; 20 10x6 wyes; 10 8x4 wyes; 10 8x6 wyes, and one "Elrod" process sewage treatment plant complete.

SAN FERNANDO, Cal.—The $90,000 sewer bond issue carried. The issue provides for a disposal plant and modern sewer system.

REDONDO, Cal.—From the $20,000 sewer bond funds, the necessary amount will be devoted to the purchase of a new sewer pump, as the present pump is in a precarious condition. William Thompson, street supt.

SANTA BARBARA, Cal.—The $407,000 sewer bond issue carried at recent election. The plans contemplate a 4000-ft. ocean outfall of either cement pipe or cast iron. The design of the outfall involves the installation of two equalizer sumps of 40,000 gals. each and a screening plant for emergencies. Herbert C. Nunn, City Mgr.

MISCELLANEOUS CONSTRUCTION

MERCED, Merced Co., Cal. — Until May 31, 3 p. m., bids will be rec. by H. P. Sargent, secy. Merced Irrigation District, to fur. approx. 350,000 bbls. Portland cement, delivery to begin about Sept. 1 at approx. 15,000 to 30,000 bbls. per month. Most of cement to be delivered in bulk or in commercial cement sacks in carload lots f. o. b. Exchequer on the Yosemite Valley r.r. in Mariposa county, Calif., the remainder to be delivered in good commercial sacks in car lots f. o. b. Merced Falls, Starr Siding, Pleasant Valley and Jasper. Cert. check 5% payable to dist. req. R. V. Meikle, chief eng. for district.

MODESTO, Stanislaus Co., Cal.—Until June 3, 3 p. m. bids will be rec. by C. S. Abbott, sect'y., Modesto Irrigation District, to fur. and del. approx. 1,000 yds. of river sand as required during year 1924. Cert. check 5% payable to Treasurer of District req.

SEATTLE, Wash.—J. L. Smith, Pioneer Bldg., Seattle, at $235,025 submits only bid to Bd. Pub. Wks. to imp. 1st Ave., south by const. of tunnel under Duwamish waterway. Taken under advisement.

SANTA BARBARA, Cal. — Board of Education, city council, and city engr. approve proposal to const. ornam. viaduct connecting present end of Carrillo St. and Milpas St. across low land near high school bldg. Est. cost, $75,000. Tentative plans call for a roadway 56 ft. wide with a sidewalk on either side.

WATER WORKS

BAKERSFIELD, Kern Co., Cal.—High School Board will ask bids at school water system; est. cost, $2,000.

WILLIAMS, Colusa Co., Cal.-Bonds of $15,000 voted to finance purchase and improvement of Williams Water and Electric Co., to operate as municipal project. Of total amount voted, $12,500 will purchase plant, the balance to be used in extensions.

BEVERLY HILLS, Cal.—Barrett & Hilp, 906 Bank of Italy Bldg., Los Angeles awarded contr. at $6,000 to const. 250,000-gal. reservoir in connection with waterworks system.

Barrett & Hilp awarded contr. at $9,700 to const. superstructure for city waterworks aerating plant. The aerating equipment has been supplied. Salisbury, Bradshaw & Taylor, consulting engs., Los Angeles.

STOCKTON, San Joaquin Co., Cal.—Until May 28, 4 p. m. bids will be rec. by Ansel S. Williams, sect'y., Board of Education, San Joaquin and Lindsay sts., to install deep-well pumping plant. Cert. check $50 req. with each bid.

BEVERLY HILLS, Cal.—J. R. Kelly Co., 548 Wilcox Bldg., Los Angeles, awarded contr. by city trustees at approx. $17,000 to const. pipe line for waterproof system, involv. 11,000 ft. 12-in., 10-in. and 8-in. std. screw pipe Salisbury, Bradshaw & Taylor, 518 Mortgage Guarantee Bldg., Los Angeles consulting engrs.

SACRAMENTO, Calif.—Until May 27, 10 a. m., bids will be rec. by W. E. Callahan Construction Co. and Smith Bros. Inc., 301 California Fruit Bldg., to construct reinforced concrete pumping station and discharge conduit; fur. and install all necessary conduits, wiring, etc., together with complete installation of 6-24-in. vertical pumps and motors, 6 motor starters, gate valves, hydraulic, hydraulic pressure system, etc. Plans obtainable from office of Reclamation District No. 1660, 301 California Fruit Bldg., Sacramento, upon deposit of $10, returnable. **See call for bids under official proposal section in this issue.**

CENTERVILLE, Alameda Co., Cal.—Pittsburg-Des Moines Steel Co., Rialto Bldg., San Francisco, at $3,123 awarded cont. by Washington Union High School District to fur. and erect steel tank and tower for water supply. Geo. A. Cork, Centerville, at $1,245.50 awarded contract for connection work.

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
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STOCKTON, San Joaquin Co., Cal.—Pacific Gas and Electric Co., 415 Sutter St., San Francisco, appropriates $25,000 to finance installation of water mains.

MARYSVILLE, Yuba Co., Cal.—City trustees estimate cost of installing fire water pump to feed Ellis Lake at $2600. Bids will probably be asked in the immeditae future.

SAN FRANCISCO—General Electric Co., at $3395 each, awarded cont. by Bd. Pub. Wks. to fur. and install 2 electric motors in Bay Pulgas Pumping Plant of Hetch Hetchy project.

ASTORIA, Ore.—Bids will be asked shortly by city commission to furnish materials for high pressure water service lines in Astor Court District.

PLAYGROUNDS AND PARKS

LOS ANGELES, Cal. — Council declares inten. to call election to vote on a $460,000 bond issue for park purposes in Municipal Imp. Dist. No. 25.

STOCKTON, San Joaquin Co., Cal.—Bids will be asked at once by city council, to be opened probably May 26, to const. two tennis courts at Oak Park. A. L. Banks, city clerk.

VISALIA, Tulare Co., Cal.—County supervisors authorize county park board to erect fence at Balch Park. Tulare County's summer playground. Will be 4-wire barb fence with posts 16-ft. apart, surrounding the entire 160 acres.

SEWERS & STREET WORK

GILROY, Santa Clara Co., Cal. — Southwest Paving Co., Washington Bldg., Los Angeles, at approx. $450,000 awarded cont. by city trustees to imp. various sts., involv. 137,000 sq. ft. conc. gutter; 26,000 sq. ft. conc. walks; 1,200,000 ft. 4-in. asph. base with 1½-in. Warrenite surface; 200,000 sq. ft. asph. base with 2-in. Warenite surface; 150,000 sq. ft. resurface pavement, (1½-in. Warenite); 25,000 lin. ft. conc. curb; 500 lin. ft. galv. iron culvert; 1000 lin. ft. 8-in., 9000 lin. ft. 10-in., 2500 lin. ft. 12-in., 1000 lin. ft. 15-in., and 1500 lin. ft. 18-in. vit. pipe; 63 catchbasins; 46 manholes; 3000 lin. ft. r.w. headers boards.

LOS ANGELES, Cal.—Bids rec. by Bd. Pub. Wks. to imp. Ave. 36 bet. Washington Park and Glassell Ave., involv. 194,462 sq. ft. Warrenite-bitul. paving; 6189 ft. curb, 3 ft. special reinforced curb, were:

Geo. B. Curtis—$36,000 grading; 24c concr. paving; 13c bitum. base paving; 26.5c Warrenite paving; 22c walk; 32c gutter; $2700 storm drain; $3100 reinf. concr. culv.; $4500 vit. pipe san. sewer; 80c heavy curb; 65c light curb; 65c special curb.

L. A. Paving Co.—$35,500 grading; 25c concr. paving; 12c bitum. base paving; 27c Warrenite paving; 24c walk; 33c gutter; $2600 storm drain; $2600 reinf. concr. culvert; $4200 vit. pipe sewer; 70c heavy concr. culvert; $4200 vit. pipe sewer; 70c heavy curb; 65c light curb; 80c special curb.

Geo. H. Oswald $31,500 grading; 27.25c concr. paving; 12.5c bitum. base paving; 27.25c Warrenite paving; 21.5 walk, 31c gutter; $2630 storm drain; $3150 reinf. concr. culv.; $5110 vit. pipe sewer; 75c heavy curb; 70c light curb; 70c special curb.

Warren Constr. Co.—$29,750 grading; 24.5c concr. paving; 12c bitum. base paving; 25.9c Warrenite paving; 22c walk; 32c gutter; $2425 storm drain; $2800 reinf. concr. culv.; $4900 vit. pipe sewer; 75c heavy curb; 70c light curb; 65c special curb.

HANFORD, Kings Co., Cal.—County supervisors reject bids rec. May 7, due to error in proceedings, to pave curves in Hanford-Lemoore sections of state highway and new bids will be considered June 5, 2 p. m. Project involv. 1,740 sq. yds. shaping, grading; 290 cu. yds. cem. conc. Roy May, county surveyor.

MARTINEZ, Contra Costa Co., Cal.—P. J. Blanco, Vallejo, at $11,985 awarded cont. by supervisors to pave one mile of macadam road in Marsh creek east of Clayton.

ORANGE, Cal. — Geo. A. Simpson, Olson Bldg., Burbank, submitted low bid to city trustees at $138,600 to imp. Palm, Maple, Almond and Washington Aves., etc., involv. 640,000 sq. ft. 6-in. conc. paving 20c ft., 21,016 sq. ft. 5-in. conc. 18.5c ft., 1110 ft. curb 50c ft., 2680 sq. ft. walk 17c ft., 520 ft. 6-in. sewer 50c ft., 626 ft. 4-in. hse., sewers 40c ft., 18 manholes $75 each; one flush tank $130. Other bids were: Wells & Bressler, $139,370; B. R. Ford, $151,770; Hall-Johnson Co., $156,755; Gibbons & Reed Co., $168,118; Ed Johnson & Sons, $186,246.

OAKLAND, Cal.—Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. Kansas St., bet. Maple and Midvale Aves., involv. excavation, 80c cu. yd., conc. curb, 70c lin. ft.; conc. gutter, 24c sq. ft.; oil macadam pave, 11c sq. ft.; cem. walks, 16c sq. ft.; 5 ft. 6 in. by 7 ft. conc. culvert, $14.80 lin. ft.; conc. inlet with c. i. top, $20 ea.

SAN DIEGO, Cal.—County supervisors order paving of 20 blocks in Normal Heights with Willite pavement. The cost is estimated not to exceed 22.5c sq. ft.

GLENDALE, Cal.—Cornwell & Henderson, 120 S Glendale Ave., Glendale, submitted low bid to council at $11,724 to Imp. Monterey Rd., Adams St. and Glendale Ave., involv. 75,400 sq. ft. grading 7c ft; 3300 ft. curb 50c ft; 55,150 sq. ft. 3-in. macad. 10c ft; 12,500 sq. ft. walk 16c ft; water pipe, $1050; lighting system, $910.80.

Frank R. Mosher, 118 S Kenwood, Glendale, low bidder at $18,066 to Imp. Cleveland Rd., bet. Kenneth Rd. and Bonnie Brae St., involv. 90,900 sq. ft. grading 5c ft.; 3650 ft. curb 45c ft; 7150 sq. ft. gutter 20c ft.; 47,410 sq. ft. 3-in. macad. 9.75c ft; 16,060 sq. ft. walk 16.5c ft; water pipe, $4420 complete; 1956.4 ft. 8-in. vit. sewer at 89c ft; three junction chambers at $110 each; one manhole at $100; 52 hse. connections at $13 each.

EUREKA COUNTY, Nevada — Fred Coolidge, Fallon, Nevada, at $115,584.80 awarded cont. by State Highway Commission to grade, const. culverts and gravel surface, highway bet. Eureka and east county line. Other bids: Sumsion and Clyde, Springville, Utah, $120,400; Tieslau Bros., Gradnerville, Nevada $126,603.30.

BAKERSFIELD, Kern Co., Cal.—Union Paving Co. awarded contr. by council for imp. street imp. dist. No. 488 at 3.5c grading; 21c paving; 30c sq. ft. gutter; $6 lin. ft. 18-in. culvert; $8 lin. ft. 18-in. double culvert.

RED BLUFF, Tehama Co., Cal.—Until May 23, 10 a. m., bids will be rec. by H. G. Kuhn, county clerk, to const. Red Bluff-Susanville road (also known as Lassen Volcanic Natl. Park Approach Road), from pt. where road leading to Supan Sulphur Springs intersects the Red Bluff-Susanville rd. Cert. check 10% payable to Chairman of Bd. of Sups. req. Spec. obtainable from W. F. Lunning, county surveyor.

MARTINEZ, Contra Costa Co., Cal.—County Grand Jury in its 1923-24 report recommends construction of a new highway joining Alameda and Contra Costa Counties, widening and resurfacing the Tunnel Highway and widening the inter-county or construction of an alteration road and the construction of a second tunnel. R. R. Arnold is county surveyor.

LOS ANGELES, Cal.—Until 2 p. m., May 26th, bids will be rec. by supervisors to imp.

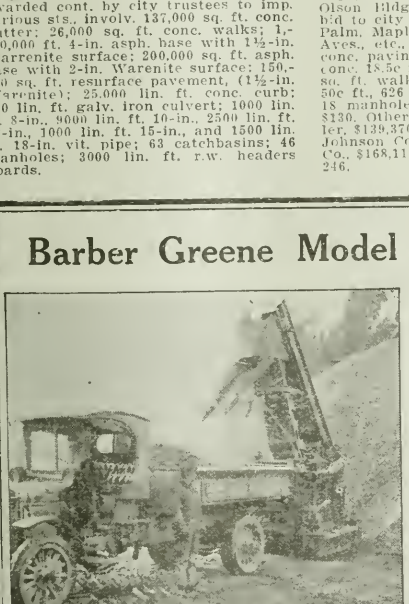
Western Ave., bet. Los Angeles and Redondo Rd. and a point 2 ft. from San Pedro St., 3301 lin. ft. or .57 mi., under County Imp. No. 65, involv. 483 cu. yds excav.; 2575 lin. ft. curb; 12,860 sq. ft. gutter; 29,202 sq. ft. walk; 11,790 sq. yds. 4-in. disintegrated granite base (including shaping); 19,127 sq. yds. 2-in. asph. conc. top; 2 reinf. conc. box culverts. Est. contr. price, $43,683.55. Average haul from Moneta Station, ¾ mi. from P. E. Ry.

98th St. and 98th Pl., bet. Normandie Ave. and w line of Tracts Nos. 5292 and 4882, 1310 lin. ft. or .25mi., under County Imp. No. 68, involving 483 cu. yds. excav.; 2575 lin. ft. curb; 10,338 sq. ft. walk. Est. contr. price, $4689.75. Spec. obtainable from county clerk.

CHEHALIS, Wash.—Until May 26, 4 p. m., bids will be rec. by J. L. Steelman, city clerk, for 23,000 sq. yds. conc. paving, together with curbs, walks and drainage in Alfred St., L. I.D. No. 178. Spec. obtainable from clerk on deposit of $5.

ALHAMBRA, Cal. — City comm. declares inten. to imp. Ethel Ave., bet. Valley Blvd. and Hellman Ave., etc., involv. cem. conc. curbs ,gutters, walks grading, etc.; R. B. Wallace, city clk.

Barber Greene Model 42 Loader



Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 San Francisco

SAN DIEGO, Cal.—Supervisors reject bids to grade Escondido-Del Mar highway.

SAN DIEGO, Cal.—David H. Ryan, 1615 Fern St., awarded contract by council to imp. State St., Reynard Way and Goldfinch St., at $47,441.

SAN DIEGO, Cal—City Eng. Rhoades completes spec. to pave Juniper St., bet. 29th and 32nd Sts., and 31st St., bet. Ivy and Kalmia Sts., involv. 125,488 sq. ft. 1½-in. asph. paving on 4-in. conc.

Spec. completed to pave El Cajon Blvd., bet. Park Blvd. and Boundary St., involv. 245,827 sq. ft. bitum base paving, 285,827 sq. ft. conc. base, 34,-993 sq. ft. sidewalk.

PASADENA, Cal.—City Engr. W. C. Earle has prepared estimated quantities to imp. Green St., bet. Marengo and Hill Aves., 1.5 mi. The work proposed involves 31,231 cu. yds. grading, 364,-620 sq. ft .7-in. conc. pavement with 2-in. asph. wearing surface, 9185 ft. tunnel 8-ft. by 6-ft., for water, lighting, manholes etc., the top of the tunnel to be used as sidewalk. The cross section area of the tunnel in concrete is 14.4 sq. ft. and the whole cross section, including area to be excavated is 42.8 sq. ft. There will be 132,269 cu. ft. conc. in tunnel. Outside of these portions where the tunnel will be constructed, there will be 5620 lin. ft. curb, 11,810 sq. ft. gutter, 132,517 sq. ft. walk. The sewer involves 8199 lin. ft. 12-in. and 7456 lin. ft. 8-in. vit. pipe, 66 manholes, 2 flushtanks, 238 12x6 wyes, 8x6 wyes. No laterals are included in this contract. The total length of the street is approx. 7420 lin. ft. Further information can be obtained from W. C. Rowse of the city engr's office.

YREKA, Siskiyou Co., Cal. — Until May 22, 10 a. m., bids will be rec. by W. J. Neilon, county clerk, to place crushed rock on the Hilt to the State Highway road. Cert. check 10% req. with each bid. Plans obtainable from Albert J. Parrott, county surveyor at Yreka.

SANTA ROSA, Cal.—Supervisors declare inten. to imp. under R. D. I. No. 30 Fairview Ave., bet. S. P. ity. and Wilson St., etc., involv. grade and pave with 7-in. to 9-in. cem. conc; county will furnish 2700 bbls. cement f. o. b. cars at nearest public railroad siding. J. L. McBride, county supt. of highways. J. M. Backs,, clerk of the board.

INGLEWOOD, Cal.—Bids to imp. Nectarine St., bet. Cedar and Nash Aves., involv. 75,375 sq. ft. grading; 2473 lin. ft. curb; 12,326 sq. ft. walk; 46,126 sq. ft. 5-in. asph. conc. pavement; and 34 water services were rejected by the city trustees as too high. Geo. R. Curtis was low bidder at $18,110.31, involv. grading $2.20 lin. ft., curb 60c ft; walk 20c; paving 23.9c; water services $11 each. The work will be readvertised

FRESNO, Fresno Co., Cal.—City Commission, H. S. Foster, city clerk, has approved plans to construct 13 blocks of sewers in Fairmount Addition. Bids will be asked in about three weeks. Wm. Stranahan, city engineer.

SAN JOSE, Santa Clara Co., Cal. — A. J. Raisch, 46 Kearny St., San Francisco, (Builders' Exchange, San Jose), awarded conts. by council as follows:

9th St., bet. Martha and Keyes Sts., involv. grade and pave with 1½-in. Durite asph. conc. surface with 3-in. Durite asph. conc. base; hyd. cem. conc. curbs, gutters and walks; 2 br. catchbasins; 8-in. vit. pipe drains.

8th St., bet. Julian and Empire Sts., involving grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph conc. base; hyd. cem. conc. curbs, gutters and walks; 1 hyd. cem. conc. storm water inlet; 8-in. vit. pipe drains.

San Fernando St., bet. 15th and 17th Sts., involv. grade; pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs and gutters.

RENO, Nevada —Until May 22, 5 p. m. bids will be rec. by Theo. W. Clark, Reno School District No. 10, to install Sprinkling system and const. cem. walks and curbs at Junior High School Plans obtainable from clerk.

CHICO, Butte Co., Cal.—City trustees, Ira R. Morrison, clerk, declare intention (No. 31-A) to imp. portions of Normal Ave., Chestnut, Cherry Sts., etc involv. const. conc. curb and gutter; c. i. gutter drains with 8-in. vit sewer connections; reconst. existing manholes and gutter drains; const. hyd. cem. conc walks; corru. iron culverts with conc. bases; grade and pave with 5-in. asph. conc. with seal coat; grade and pave alley in Block 66 with 5-in. hyd. conc. 1911 Act & Bond Act 1915. Protests May 26.

GLENDALE, Cal.—Until 10 a. m. May 15 bids will be rec. by council to imp. portions of Hiawatha Dr., Wabasso Way, Camulos Ave., etc., involv. macad. pavement, cem. conc. pavement, curbs, walks, c. i. water pipe complete, wooden headers, corru. iron pipe culvert, reinf. conc. wall, redwood piling, galv. pipe railing, vit. pipe sewer, c. i. pipe sewer. Plans obtainable from city engr. Ben F. Dupuy, A. J. Van Wie, city clerk.

SAN FRANCISCO—Until May 19, 3 p. m., bids will be rec. by Leonard S. Leavy, city purchasing agent, Rm. 270 city Hall, to fur. and del. street and sewer material.

JACKSON, Amador Co., Cal.—City trustees authorize purchase of 12,000 gals. of oil for street improvements.

SAN FRANCISCO—Griffith Co., 502 L. A. Ry. Bldg., Los Angeles, awarded contr. by city trustees at $49,925 to improve portions of Griswold Ave., N Brand Blvd., MacNeil St. and Newton St. a t$1 cu. yd. eycav., 18c sq. ft. 4-in. asph. conc. paving, 20c sq. ft. walk, $5520 lighting system on Griswold Ave, $500 lighting system on Newton Ave., $1200 lighting system on N Brand Blvd, $1200 lighting system on MacNeil St.

SAN JOSE, Santa Clara Co., Cal.—Until May 19, 8 p. m., bids will be rec. by John J. Lynch,city clerk, to imp:

William St., bet. Delmas and Bird Sts., involv. grade and pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs, gutters and walks; 1 br. catchbasin; 8-in. vit. pipe drains; 7 hyd. cem. conc. storm water inlets; 1 br. manhole, 1911 Act & Bond Act 1915.

Atlanta St., bet. Bird and Delmas Ave involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base, 1911 Act and Bond Act 1915.

Cert. check 10% payable to city req. Wm. Popp, city engineer.

LOS ANGELES, Cal.—Stroud Bros. and Seabrock submitted low bid to Bd. Pub. Wks. at $28,842 to reconst. sewer in Ave. 47 bet. York Blvd. and Toland Way. Other bids were: Adam Dalmatin $36,500; B. D. Zaich, $39,300; Leo Miletich, $13,000; Martin G. Erkich, $46,-600; Chas. T. Sala, $47,000; John Artukovich, $58,000; M. Simunovich, $68,-895.

FRESNO, Fresno Co., Cal.—Thompson Bros., G and Divisadero Sts., Fresno, at approx. $40,000 awarded cont. by supervisors for grading and curbs in Rd. Dist. Imp. No. 8, involv. 118,400 sq. ft. conc. walks, $.15½ sq. ft.; 25,550 lin. ft. conc. curbs, $.40 lin. ft; grading, $.10 cu. yd.

INGLEWOOD, Cal.—Until 8 p. m., May 26 bids will be rec. by city trustees to imp. under 1911 and 1915 acts:

Nectarine St., bet. Cedar and Nash Aves., involv. 75,375 sq. ft. grading, 2473 lin. ft. conc. curb, 12,326 sq. ft. cem. walk, 46,126 sq. ft. 5-in. asph. conc pavement, 34 water services.

Olive St., bet. Grevillea Ave. and Oak St., involv .191,397 sq. ft. grading, 6460 lin. ft. curb, 9513 sq. ft. gutter, 30,022 sq. ft. cem. walk, 9513 sq. ft. gutter, 30,022 sq. ft. cem. walk, 2 culverts, 117,-426 sq. ft. 5-in. Warrenite paving, 40 water services.

Hazel St., bet. Commercial St. and Hawthorne St., involv. 29,196 sq. ft. grading, 17,918 sq. ft. class A oiling, 219 sq. ft. gutter, 3657 sq. ft. cement walk, 747 lin. ft. curb, 6 water services. 1 culvert.

Plans obtainable from city engr. Arthur W. Coy, Cert. check or bond 10%. Otto H. Duelke, city clerk.

REDWOOD CITY, San Mateo Co., Cal. —Until June 2, bids will be rec. by Eliz. M. Kneese, county clerk, to repair Crystal Springs to Half Moon Bay Rd., from top of mountain to pt. recently completed on Skyline Blvd. to Pilarcitos creek at bottom of grade; will consist of repairing existing rock bottom macadam pavement and resurface with asphaltic oil and rock screenings. Geo. A. Kneese, county surveyor.

SAN JOSE, Santa Clara Co., Cal.—Until May 19, 5 p. m., bids will be rec. by C. B. Goodwin, city manager, to pave fire house frontage at 2nd and Jackson sts. Cert. check 10% payable to city req. Plans obtainable from City Eng. Wm. Popp.

OAKLAND, Cal.—Council, E. K. Sturgis, clerk, declares inten. to imp. portions of Octavia and Abbey Sts., s.w. of Allendale Ave., involv. grade; pave; const. curbs, gutters and walks. 1911 Act. Protests June 5. W. W. Harmon, city engineer.

VISALIA, Tulare Co., Cal.—City trustees, Ida Markham, clerk, declares intention (No. 122) to imp. portions of West Center, West Main, West Acequia Sts., etc., involv. const. of cem. conc. walks and curbs. 1911 Act & Bond Act 1915. Protests May 19. L. H. Gadsby, city engineer.

ALAMEDA, Alameda Co., Cal. — City council approves spec. to open Bay Island Ave. from Park Ave. Will be 80-ft wide; curbs, gutters, walks and culverts will be constructed. Est. cost, $5250.

NAPA, Napa Co., Cal.—Until June 10 bids will be rec. by county supervisors to fur. pipe for sewer from Napa county infirmary to Napa river. Separate bids will be received, same date, to install the pipe.

PHOENIX, Ariz. — Phoenix-Tempe Stone Co., awarded contract by state highway dept. at $161,770 to construct Sec. A of White Spar-Congress Junction highway, federal aid project No. 72, involv. approx. 33,000 cu. yds. roadway excav., 110,000 cu. yds. borrow excav., 28,000 cu. yds. surfacing, 1140 cu. yds. A conc., 210 cu. yds. B conc., 180 cu. yds C conc., 225 cu. yds. cem. rubble masonry, 106,000 lbs. reinf. steel.

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HILLSBOROUGH, San Mateo Co. ,Cal —Until May 20 bids will be rec. by town trustees for purchase of $24,000 bond issue, the proceeds of sale to finance street improvements.

SONORA, Tuolumne Co., Cal.—Until June 3, 2 p. m., bids will be rec. by county supervisors to pave portions of roads leading from Tuolumne to Sonora and Columbia to Sonora. Blds are desired on four types of pavement, viz: asph. conc.; asph. macadam; Warranite and Willite. Spec. obtainable from county clerk.

SAN DIEGO, Cal.—Council declares inten. to imp. Normal St., Center St. and 11 other streets, involv. 505,508.99 sq. ft. paving with 2½-in. bitum. base and 1½-in. asph. conc. top; 340,374.40 sq. ft. paving with 4-in. cem. conc. base and 1½-in. asph. conc. top; 6079.79 sq. ft. paving with 3-in. asph. cover; 7808 lin. ft. 6-in. conc. curb; 1680.19 lin. ft. 8-in. conc. curb; 1787.59 sq. ft. cem. sidewalk; 50 lin. ft. of 16-in. 16 gauge corru. iron pipe drain; 52 lin. ft. of 12-in. d. s. cem. conc. pipe culvert; 50 lin. ft. of 16-in. d. s. cem. conc. pipe culvert; 20 lin. ft. of 18-in. 16 gauge corru. iron pipe culvert; 5 4-in. cem. pipe sewer laterals; 2 6-in. cem. sewer laterals. F. A. Rhodes, city engr.

MONTEREY, Monterey Co., Cal.—Until May 31, 1:30 p. m. bids will be rec. by J. McIntosh, clerk, Monterey Union High School District to const. conc. walks and stairways at high school, involv. approx. 3,200 sq. ft. walk area and 26 cu. yds. rein. conc. for stairways. Plans obtainable from clerk.

SAN DIEGO, Cal.—Council declares inten. to imp. Coast Blvd. south, Coast Blvd. and Jenner St., involv. 103,728.11 sq. ft. paving with 5-in. Portland cement concrete; 15.71 lin. ft. cement concr. curb; 68,42 sq. ft. cem. concr. sidewalk; 10 ft. 14-in. double strength cem. concr. pipe.

Inten. declared to imp. Mission Blvd., Pacific Ave. and Cass St., involv. 444,971.44 sq. ft. paving with 5-in. cem. concr; 19,097.94 lin. ft. of 8-in. concr. curb; 44.30 lin. ft. of 6-in. concr. curb; 120 lin. ft. of 12-in. 16 gauge corr. iron pipe culvert; 25 lin. ft. of 12 gauge part circle corr. iron culvert; 245 cu. yds. rock fill. F. A. Rhodes, city engr.

GILROY, Santa Clara Co., Cal.—Southwest Paving Co., Washington Bldg., Los Angeles, awarded contract by city trustees at approx. $450,000 to pave various streets with concrete, have requested trustees to permit them to withdraw their bid stating they fear "the possibility of an adverse court decision on the points raised in the injunction proceedings."

FRESNO, Fresno Co., Cal.—Until May 22, 10 a. m. bids will be rec. by H. S. Foster, city clerk, to imp. (res. of inten. 14-D) Vagedes Ave., bet. Hedges and Weber, involv. grading; const. conc. curbs, gutters and driveway approaches; cem. conc. walks; corrugated metal culverts with manholes; pave with 3½-in. asph. conc. base with 1½-in. asph. conc. top course with liquid asph. rock screening surface coat. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, city eng.

SALEM, Ore.—Until May 28, blds will be rec. by State Highway Commission, meeting in Multnomah County Courthouse, Portland, for following projects:

Benton county—surface Alsea Mountain sec. of Alsea highway, 6-mi. in length, grade Missouri Bend sec. of same highway 8.11 mi. long.

Clackamas County—8 mi. of Pacific highway new grade bet. Oregon City and Canemah.

Gilliam County—Grade and resurface 15.94 mi. of John Day highway between Gwendolen and Base Line.

Grant County—Grade and surface John Day town sec. of the John Day highway, 8 mi. in length.

Tillamook County — Jetty Creek-Brighton section of Roosevelt Coast highway, 1 mi. in length.

Grade Jetty Creek-Brighton section of Roosevelt Coast highway, 1 mi. in length.

Bids will be rec. to fur. broken stone maintenance material for use in vicinity of Hebo.

Wasco County—Surface two units of Dufur-White River sec. of The Dalles-California highway, totaling 18.4 mi. in length.

H. A. Klein, state highway eng. 28

WOODLAND, Yolo Co., Cal. — Yolo county interests, headed by Fred Shafer, secretary of the Yolo County Board of Trade, will seek co-operation of state highway department in construction of scenic highway linking Northwest California with the state capitol. All but 30 miles of the proposed highway are paved.

MARYSVILLE, Yuba Co., Cal.—W. M. Meek, city engineer, preparing spec. to pave approx. 14 blocks of streets in residence section with 3½-in. asph. conc base with 1½-in. Warrenite-Bit. surface.

SAN FRANCISCO — Following contracts awarded by Board of Public Works:

Palou Ave., bet. Phelps and Rankin to Raisch Improvement Co., 46 Kearny St., at $30,972, involv 5300 cu. yds. cut; 1350 cu. yds. fill; 2700 lin. ft. conc curb; 2375 sq. ft. art. stone walks; 9 br. catchbasins; 300 lin. ft. 10-in. culverts; 72,900 sq. ft. conc. pavement:

Oakdale Ave., bet. Lane and Railroad Aves., ets., to J. M. Smith, 715 Ocean Ave., at $19,375, involv. 1840 cu. yds. cut; 26 lin. ft. granite curb; reset 25 lin. ft. granite curb; 1155 sq. ft. art stone walks; 4 br. catchbasins; 100 lin. ft. culvert; 52,470 sq. ft. asph. conc. pavement:

Hamilton St., Felton to Silver Aves., to Municipal Const. Co., 112 Lyon St., at $10,464, involv. 1250 cu. yds .cut; 1400 lin. ft. conc. curb; 28,000 sq. ft. asph. conc. pavement.

Chilton St., south of Bosworth, to W. J. O'Connor, 399 Duboce Ave. (Hugh McGill, 720 San Bruno Ave.), at $5427.50 involv. 2150 cu. yds. cut; 800 lin. ft. conc. curb; 10,000 sq. ft. conc. pavement

Van Buren St., bet. Surrey and Sussex, etc. to Jas. M. Smith, 715 Ocean Ave., at $3348.60, involv. 714 lin. ft. conc. curb; 7427 sq. ft. conc. pavement; 1148 sq. ft. asph. conc. pavement; 1 br. catchbasin 18 lin. ft. 10-in. culvert; 118 sq. ft. art. stone walks.

Jerrold Ave., bet. Newhall and 3rd Sts. ,etc., at $4334.85 involv. 11,115 cu. yds. fill, $0.39 cu. yd.

VACAVILE, Solano Co., Cal. — City trustees contemplate paving various streets, approx. 350,000 to 400,000 sq. ft with Willite pavement.

CARSON CITY, Nevada.—Ken Hodgman, Reno, was awarded cont. by state highway dept., at $91,158 to imp. state highway in Lander county, 18.02 mi. grading and gravel surfacing between Campbell Creek ranch and Summit of Railroad Pass Other bids were: Fred Coolidge, Fallon, $2,316; Tieslau Bros., Berkeley, $103,561. Engr's est., $103,432

Fred Coolidge, Fallon, Nev., awarded contract at $86,608 to const. state highway in White Pine county, 13.65 mi. grading and graveling from west county line to Pancake Summit. Other bids were. Tieslau Bros., $102,884; Sumison & Clyde, Springville, Utah, $107,690; Engr's est., $93,534.

CARSON CITY, Nev.—Fred Coolidge, Fallon, Nev., submitted low bid to state highway dept., at $115,584 to construct 10.16 mi. in Eureka county, consisting of graveling and grading bet. Eureka and Eureka county east county line. Other bids were: Sumison & Clyde, Springville, Utah, $120,400; Tieslau Bros., Berkeley, $126,603; Engr's est., $89,099.

SAN DIEGO, Cal.—California Constr. Co., Union Bldg., awarded contr. to imp Woodman Ave. and N St., involv. 206,196.1 sq. ft. paving with 1½-in. Warrenite on 3-in. bitum. base 20c ft.; 1816.98 sq. ft. cem. sidewalk 25c ft; 1571.02 lin. ft. conc. curb 75c ft; culverts complete for $7210; misc., $484.50; total, $52,065.24.

SAN FRANCISCO—Until May 19, 3 p. m., bids will be rec. by Leonard S. Leavy, city purchasing agent, to fur. and del. among other materials, incandescent lamps.

SAN LUIS OBISPO, Cal.—Until June 2, 2:30 p. m., bids will be rec. by J. G. Driscoll, county clerk, to imp. portion of Corral de Piedra and Islay rd., from San Luis Obispo to Edna rd., and a point 4300 ft. easterly. Cert. check 5% payable to Chairman of Bd. of Sups. req. Spec. obtainable from county clerk on deposit of $5.

SAN JOSE, Santa Clara Co., Cal.—R. H. Crummey, 121 Pearl St., Oakland, awarded cont. by council to imp. 27th St., bet. St. John and McKee Rd., involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curbs, gutters and walks; hyd. cem. conc. storm water inlets; 8-in. vit. pipe drains; 1 br. manhole; 12-in. cem. conc. pipe stor msewer.

SAN DIEGO, Cal.—David H. Ryan, 1615 Fern St., San Diego, awarded cont. by council at $47,441 to pave Reynard Way, bet. Goldfinch and State Sts. Other bids were: Cushing Constr. Co., $51,844; Calif. Constr. Co., $56,431.

ORANGE, Cal.—Geo. A. Simpson, Olson Bldg., Burbank, submitted low bid to city trustees at $138,600 to imp. Palm Maple, Almond and Washington Aves., etc., involv. 640,000 sq. ft. 6-in. conc. and 21,016 sq. ft. 5-in. conc., and other incidental items. Other bids were: Wells & Bressler, $139,370; B. R. Ford $151,770; Hall-Johnson Co., $156,755; Gibbons & Reed Co., $168,118; Ed Johnson & Son, $186,246.

HUNTINGTON BEACH, Cal.—City Engr. L. F. Gates preparing spec. to pave California St., bet. Detroit and Geneva Sts., involv. a 2-in. top and 3-in. asph. conc. base, lights and sidewalks.

SANTA CRUZ, Santa Cruz Co., Cal.—W. E. Miller, 81 Church St., Santa Cruz, at $22,211.40 awarded cont. by council to imp. portions of Pacheco Ave., involving grading and pave with 5-in. concrete pavement, 32 ft. wide; const. conc. curbs; corru. metal and rein. conc culverts; 4-in. vit. sewer laterals. Other bids were: Granite Const. Co., $23,702.66 W. J. Taylor, $24,761.71; B. R. Greenfield, $25,339.60; Miller bid 18c for paving and 2½c for grading.

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SAN FRANCISCO — Municipal Construction Co., 112 Lyon St., at $10,842.60 submits low bid to Board of Public Works to imp. San Jose Ave., bet. Havelock and Cotter Sts., involv. 1640 lin. ft. conc. curb; 22,000 sq. ft. asph. conc. pavement; reconst. 6 br. catchbasins; 90 lin. ft. culvert; 6000 sq. ft. asph. conc. conform surface; 18,860 sq. ft. art. stone walks; reconst. 5 sewer traps. Other bids were: Raisch Imp. Co., $11,232.60; Fay Imp. Co., $11,282.68; C. B. Eaton, $11,461.80; City Const. Co., $12,832.10.

City Const. Co., 112 Lyon St., low bidder at $10,936 to imp. 28th Ave. bet. Cabrillo an Fulton Sts., involv. 580 lin. ft. 8-in. vit. pipe; 38 wye branches; 2 manholes; 1200 lin. ft. conc.; 24,000 sq. ft. asph. conc. pavement. Raisch Imp. Co. only other bidder at $11,735.

E. C. Moran, 241 19th Ave., only bidder at $1,690.30 to imp. Joy St., betw. Brewster and Holladay Aves., involv. 247 lin. ft. 8-in. and 30 lin. ft. 12-in. vit. sewer; 15 wye branches; 2 br. manholes.

Pacific States Const. Co., Call Bldg., at $8586.44 low bidder to imp. Vicente St., bet. 28th and 30th Aves., involv. 689 lin. ft. conc. curb; 7 br. manholes; 245 lin. ft. 10-in. vit. pipe; 1321 sq. ft. asph. conc. pavement. Other bids were: C. B. Eaton, $8640.15; Municipal Const. Co., $8820.40; Fay Imp. Co., $8907.09.

City Const. Co., Call Bldg., only bidder at $3054.10 to imp. Maynard St., bet. Mission and Congdon Sts., involv. 50 l n. ft. granite curb, 800 sq. ft. 6-in. conc. base and 2-in. asph. surface pavement; 8437 sq. ft. art. stone walks. M. J. Treacy, Call Bldg., only bidder at $1058.75 to imp. Botteck St., bet. Bosworth and Springdale Aves., involving 175 lin. ft. conc. curb; 1200 sq. ft. asph. conc. pavement; 900 sq. ft. conc. pavement.

J. A. Ducray, at $370.50 to imp. Bennington St., bet. Cortland and Highland Aves., involv. 1900 sq. ft. art. stone walks.

LOS ANGELES, Cal.—Griffith Co., 502 L. A. Ry. Bldg., awarded contract by Bd. Pub. Wks. at $15,055 to improve Walbridge Ave., bet. Country Club Dr. and 12th St., involv. 36,335 sq. ft. asph. paving 28c sq. ft.; grading at $1600; 203 sq. ft. conc. paving 24c sq. ft.; 619 sq. ft. asph. wearing surface 12c ft; 163 ft. curb 65c ft; 246 sq. ft. walk 22c ft; 1669 sq. ft. gutter 26c ft; 1280 sq. ft. remodel oil surface 12c ft.

C. W. Shafer, 3200 S Hill St., awarded contr. at $14,119 to imp. Figueroa St. bet. Ramona Ave. and College St., involving grading at $6900 (lump sum); 19,643 sq. ft. conc. paving 22c ft; 240 sq. ft. remodel oil surface 10c ft; 1023 ft. curb 70c ft; 5216 sq. ft. walk 22c ft.; san. sewer complete, $300; 407 ft. hse. sewers, $1.50 ft.

P. F. Martter, 1250 S Gramercy Pl., awarded contr. at $14,670 to imp. Boundary Ave., bet. Sinova and Mercury Aves., involv. grading at $4600 (lump sum); 36,483 sq. ft. oil 7c ft; 4198 ft. curb, 70c ft.; 5226 sq. ft. walk 23c ft; 89,905 sq. ft. gutter 35c ft; reinf. conc. culv. at $175.

Griffith Co., 502 L. A. Ry. Bldg., awarded contr. at $11,918 to imp. 21st St., bet. Maple Ave. and Main St., involv. grading at $1600 (lump sum); 36,335 sq. ft. asph. paving 26c ft; 203 sq. ft. conc. paving 24c ft; 619 sq. ft. asph. wearing surface 12c ft; 163 ft. curb 65c ft; 246 sq. ft. walk, 22c ft; 1669 sq. ft. gutter 26c ft; 1280 sq. ft. remodel oil surface 12c ft.

SAN RAFAEL, Marin Co., Cal.—F. C. McIntyre, Farmers and Merchants Bldg., Stockton, at approx. $11,850 awarded cont. by supervisors to grade roads in Supervisor Dist. 5.

OREGON CITY, Ore. — Clackamas County Court will consider bids June 4 for purchase of $200,000 road bond issue, bear interest at 5 per cent per annum.

SOLANO COUNTY, Calif.—Until June 9, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to widen with Port. cem. conc. and crushed gravel or stone shoulders, 4.0-mi. in Solano county bet. Rickville and Fairfield. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

FRESNO, Fresno Co., Cal. — City council, H. S. Foster, clerk, declares inten. (No. 15-D) to const. 6-in. vit. clay pipe lateral and sub-lateral sewers in Blocks 82, 83, 84, etc., Fairmont district; 30 cem. conc. manholes with c. i. covers; 42 lampholes; 6-in. wye branches for each 25-ft. frontage. 1911 Act. Protests May 29. Wm. Stranahan, city engineer.

VENTURA COUNTY, Calif. — Until June 9, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to grade and protect with sea wall 1.2-mi. in Ventura county bet. Sea Cliff and Rancho El Rincon. R. M. Morton, state highway eng. **See call for bids under official proposal section.**

LOS ANGELES, Cal.—Warren Constr. Co., 5444 Hollywood Blvd., awarded contr. by Bd. Pub Wks. at $127,798 to imp. Ave. 36, bet. Washington Park and Glassell Ave., involv. 194,462 sq. ft. Warrenite-bitul. paving; 6189 ft. curb; 3 ft. special reinf. curb and other incidental items, at the following prices: $29,750 grading; 24.5c conc. paving; 12c bitum. base paving; 25.9c Warrenite paving; 22c walk; 32c gutter; $2425 storm drain; $2800 reinf. conc. culvert; 4900 vit. pipe sewer; 75c heavy curb; 70c light curb; 65c special curb.

Geo. H. Curtis, 2444 E 26th St. awarded contr. at $20,289 to imp. Ave. 26 bet. San Fernando Rd. and Dayton Ave., involv. grade $2500 (lump sum) 64,708 sq. ft. 7-in. bitum. base paving 25c ft. 270 sq. ft. 7-in. bitum. base paving 25c ft; 270 sq. ft. conc. base paving 24c ft.; 1862 sq. ft. 2-in. bitum. base paving 12c ft.; 26 ft. curb $1 ft; 66 sq. ft. walk 25c ft; 3172 sq. ft. gutter 28c ft; 225 ft. hse sewers $1.75 ft.

LOS ANGELES, Cal.—Peter R. Gadd, Van Nuys Hotel, Los Angeles, and 1232 41st St., Sacramento, awarded contract by Board of Public Works at $2,705,992 to const. sewer in Main St., bet. Santa Barbara Ave. and Manchester Aves. His bid was: 27c sq. ft. asph. paving; 9c sq. ft. rock and oil resurfacing; 7c sq. ft. grading, oiling and rolling; 60c ft. curb; 22c sq. ft. walk; 25c sq. ft. gutter; $364,192.88 Sec. 1 complete; $332,581.07 Sec. 2 complete $741,141.11 Sec. 3 complete; $876,937.61 Sec. 4 complete; $230,996.18 Sec. 5 complete; $160,43.14 Sec. 6 cmplete. Note: bids on items 1 to 6 incl. include all work necessary to be done at unit priles mentioned above. Work involves the following: reinf conc. drain; 3654 ft. type K (2 sections, each 9 ft. 7-in. wide by 6 ft. 9-in. high); 2341 ft. type J. (2 sections, each 8 ft. 7-in. wide by 6 ft. 9-in. high); 1129 ft. type I (2 sections, each 7 ft. 5-in. wide by 6 ft. 9-in. high); 1745 ft. type H (2 sections, each 6 ft. 5-in. wide by 6 ft. 9-in. high); 6611 ft. type F (single section 8 ft. 4-in. wide by 6 ft. 9-in. high); 28 ft. type L section; 1414 ft. type E, (5 ft. wide by 6 ft. 9-in. high); 5260 ft. type A section (5 ft. x 5 ft.); 7282 ft. type C section. (3 ft. 5-in. x 5 ft.); 5316 ft. Arch E (approx. 7 ft. x 5½ ft.) 4443 ft. arch G. Monolithic pipe, as follows: 1106 ft. 70-in., 4754 ft. 63-in. 5239 ft. 60-in. Reinf. conc. pipe—2808 ft. 66-in; 426 ft. 60-in.; 3972 ft. 57-in.; 8635 ft. 54-in.; 6324 ft. 48-in; 3683 ft. 45 in.; 4241 ft. 42-in.; 2648 ft. 39-in.; 839 ft. 36-in.; 4402 ft. 33-in; 12,793 ft. 30-in; 5366 ft. 27-in; and 1855 ft. 24-in. Cement pipe—1535 ft. 21-in; 2319 ft. 18-in; 2499 ft. 15-in; and 16,852 ft. 12-in San sewer, involving 1790 ft. 12-in.; 4166 ft. 10-in.; 6090 ft. 8-in. and 7744 ft. 6-in. cem. pipe; 12 ft. 20-in. c. i. pipe. Total 151,321 ft. or 28.66 mi.

SAN FRANCISCO — H. E. Cornell, Boise, Idaho, at (1) contractor furnish explosives, $87,507 and (2) government furnish explosives, $84,381.35 submitted low bid to U. S. Bureau of Public Roads 9 Main Street, San Francisco, to const. 11.32 mi. of Meadow Creek Section, Gold Creek-Jarbidge Forest Highway involv. 62,503 cu. yds. excavation; 2396 lin. ft. corru. metal pipe; 27.5 MBM timber bridging; 317 cu. yds. cem. rubble masonry. Other bids:

Inland Engineering and Const. Co., Ogden Utah, (1) $94,516.13; (2) $84,515.65.

Morrison and Knudsen, Boise, Idaho, (1) $89,310.72; (2) $87,435.63.

Shipman Bros. Const. Co., Twin Falls, (1) $95,206.91; (2) $88,956.61.

Engineer's estimate, (1) $79,720.35; (2) $77,220.23.

LOS ANGELES, Cal.—Blds rec. by Bd Pub. Wks. to imp. Dunleer Ave., bet. Manning Ave. and Exposition Blvd., involv. grading, 170,079 sq. ft. 6-in. conc. paving, 863,231 sq. ft. oil and roll, 51,218 ft. curb, 245,325 sq. ft. walk, 99,397 sq. ft. gutter, etc., were:

Chalmers & Ford—$84,000 grading; 30c conc. paving; 7.75c oil and roll 67c curb, 24c walk; 37c gutter; $320 storm drain, $3?0 wooden retaining wall; $260 guard rail; $60 conc. curtain wall.

E. F. Ferry & Co.—$106,000 grading; 30c conc. paving; 10c oil and roll; 78c curb; 26c walk; 36c gutter; $900 storm drain; $350 wooden retaining wall; $1000 wooden guard rail; $350 concrete curtain wall.

Hall-Johnson Co., $85,000 grading; 26c conc. paving; 8c oil and roll; 78c curb, 26c walk; 36c gutter; $900 storm drain; $950 wooden retaining wall; $1000 wooden guard rail; $350 conc. curtain wall.

Geo. H. Oswald—$120,000 grading; 24.5c conc. paving; 7.25c oil and roll; 65c curb; 21c walk; 36c gutter; $375 storm drain; $350 wooden retaining wall; $300 wooden guard rail; $75 conc curtain wall.

LOS ANGELES, Cal.—Bids rec. by Bd Pub. Wks. to imp. 23rd St., bet. Pacific Ave. and Leland St., involv. 738 sq. ft. asph. paving; 135,847 sq. ft. conc. paving; 6455 ft. curb; 21,125 sq. ft. walk; 193 sq. ft. gutter; cem. pipe san. sewer; 3390 ft. hse. connections; 289 sq. ft. remod. oiled surface; were:

Griffith Co.—$12,000 grading; 30c asph. paving; 23c conc. paving; 70c curb; 21c walk; 30c gutter; $3400 sewer, $1.90 hse. sewers; 10c remod. oiled surface.

O. U. Miracle—$8500 grading; 30c asph. paving; 22.5c conc. paving; 70c curb; 22c walk; 30c gutter; $2900 sewer; $1.35 sewer; 20c remod. oiled surface.

Geo. H. Oswald—$15,000 grading; 30c asph. paving; 22.5c conc. paving; 75c curb; 22c walk; 30c gutter; $4000 san. sewer; $1.75 hse. sewers; 15c remod. oiled surface.

C. W. Shafer—$13,000 grading; 30c asph. paving; 23c conc. paving; 70c curb; 23c walk; 35c gutter; $4500 san. sewer; $1.50 hse. connections; 20c remod. oiled surface.

OAKLAND, Cal.—Until May 22, 12 M, bids will be rec. by E. K. Sturgis, city clerk, to imp. prtions of 68th Ave. involv. grading and paving; const. curbs and gutters; one inlet with grating, and a conduit with jacket. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

COMPTON, Cal.—Until 8 p. m., May 20, bids will be rec. by city trustees to imp. under 1911 and 1915 acts:

Spring St., involv. 8150 sq. ft. walk; 1420 lin. ft. curb; 22,000 sq. ft. grading; 22,000 sq. ft. 5-in. conc.; 929 ft. 8-in. cem. pipe sewer; 3 manholes; 1 flush-tank; 422 ft. 6-in. cem. pipe hse. sewers; 932 ft. 4-in. wood stave water pipe; 234 ft. 1-in. std. galv. iron pipe.

Stockton Blvd. and Wilmington St., involv. 340 ft. curb; 79,180 sq. ft. grading; 79,180 sq. ft. 5-in. conc. paving; 362 lin. ft. 6-in. cem. pipe hse. sewers; 2118 lin. ft. 4-in. wood stave water pipe; 144 ft. 4-in. galv. iron pipe.

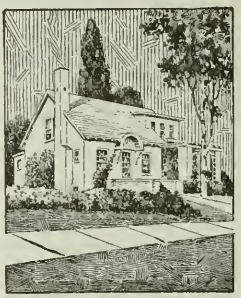
E. M. Lynch, Central Bldg., Los Angeles, is the city engineer.

SANTA MONICA, Cal.—Clarence P. Day Corp., 226 Boston Bldg., Pasadena awarded contr. by council at $16,937 to pave Franklin St., bet. Wilshire Blvd. and Colorado St. J. D. Kneen Co. bid $20,092.

WATSONVILLE, Stant Cruz Co., Cal. —Board of Aldermen, M. M. Swisher, city clerk, declare inten. (No. 1712) to imp. Walker St., bet. Wall and Kearny Sts., involv. remacadamizing and oiling with asphaltic oil. H. B. Kitchen, city engineer.

LOS ANGELES, Cal. — County Rd. Commissioner Geo. W. Jones recommends to supervisors that San Fernando Blvd., bet. Oxford Ave. and Huron St. be repaved; will be 1½-in. Warrenite-bitul. on 7-in. conc. base, 54 ft. wide. Total est. cost, $350,000. As this work is within the city limits, $250,000 of this cost would be paid by the city.

No Wonder Portland Cement Stucco Endures



No wonder it is unaffected by weather conditions—that rain only makes it harder. For Portland Cement Stucco in all essentials is Concrete. And you know how well Concrete serves in foundations, in homes, in hospitals, in mighty dams, in roads and skyscrapers.

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Architects will tell you that Portland Cement Stucco assures a home of distinction and beauty. No other exterior treatment offers such a variety of color and texture. It harmonizes perfectly with any landscape setting.

And the ideal backing for Portland Cement Stucco is Concrete Masonry—Concrete Block or Tile.

* * *

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Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an Index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2138	Isaacson	Owner	2900
2139	Spiegel	Owner	12000
2140	Christensen	Christensen	4000
2141	Costello	Owner	18000
2142	Schubert	Mangels	7500
2143	Corbelli	Owner	6000
2144	Webb	Coburn	1800
2145	Lesser	Hoyt	3500
2146	Onison	Owner	12000
2147	Breitman	Goldstein	4500
2148	Griglar	Costello	11500
2149	Corbelli	Costello	11800
2150	Armes	Owner	5000
2151	Crocker	Koenig	8000
2152	Gray	Lang	3500
2153	Lang	Owner	3500
2154	Maffei	Owner	2500
2155	Epley	Lang	6000
2156	Law	Voorhies	3500
2157	Witbeck	Owner	3000
2158	Hansen	Owner	3000
2159	Stoddard	McIntosh	7000
2160	Wienberg	Wallen	8000
2161	Vigen	Owner	7600
2162	Aranda	Wengard	12750
2163	Hansen	Owner	15000
2163	Hansen	Owner	15000
2164	Hayburn	Hansen	17300
2165	6th Church	Western	3020
2166	Pac. T. & T Co.	Williams	91575
2167	Grant	Lindgren	18000
2168	Reorganized Ch	Thorman	2000
2169	Stern	Owner	3000
2170	Hoffman	Holt	7000
2171	Demicheli	Pasqualetti	20000
2172	United	McLaughlin	100000
2173	Amer. Can	Lindgren	300000
2174	Janssen	Owner	14000
2175	Same	Same	7000
2176	Hughes	Owner	6000
2177	Dow	Christiensen	27100
2178	P G & E	Nelson	113770
2179	Same	Johnson	5910
2180	Baldwin	Petterson	1000
2181	Julie	Owner	1000
2182	Shephard	Owner	5000
2183	Moren	Moren	9000
2184	Leigh	Owner	4000
2185	Christiansen	Owner	26000
2186	Webb	Ferguson	1500
2187	Haderel	McKellar	6000
2188	Condon	Lieron	1500
2189	Stoff	Owner	70000
2190	Fontanella	Owner	6500
2191	Fontanella	Owner	6500
2192	Bertram	Owner	12000
2193	Lilienthal	Mattock	22600
[illegible]	[illegible]	Paul	6000
2195	Hadeler	Beuttler	6892
2196	West. St. Life	Pac. Mfg.	24555
2197	Granucci	Granucci	4000
2198	Young	Matthies	1950
2199	Gander	Holl	7000
2200	Moretton	Owner	1575
2201	Helmquist	Owner	11000
2202	Sullivan	Owner	16000
2203	England	Little	4000
2204	Strand	Owner	8000
2205	Asplund	Owner	5000
2206	Di Giovanni	Sorbi	3000
2207	Sauer	Greene	10000
2208	Hemmen	Owner	4000
2209	Hemmen	Owner	4000
2210	Hemmen	Owner	4000
2211	Mathew	Owner	2000
2212	Lamothe	Owner	3200
2213	Stoff	Carson	2000
2214	Hendricks	Owner	4000
2215	Benson	McKenzie	4900
2216	McKenzie	Owner	3000
2217	Lindeman	Owner	9000
2218	Hayburn	Hansen	17000
2219	Powell	Carlson	13822
2220	Laven	Auslen	39450
2221	Giorgi	Baganani	7200
2222	Garassino	Hall	8600
2223	Pac. T & T	Otis	333120
2224	Hawkins	Owner	10500
2225	Janssen	Owner	11000
2226	Cassor	Owner	11000
2227	Kelley	Knabenshuh	1650
2228	Leone	Owner	1000
2229	Farrell	Magill	7000
2230	Ehle	Johnson	7000
2231	Rattaro	Wengard	6000
2232	French Hosp.	Owner	22500
2233	Horgan	Owner	8000
2234	Horgan	Owner	1000
2235	Burnett	Emanuel	1250
2236	Spire	Cohn	16000
2237	Kalle	Lindberg	4460
2238	Frediani	Barsotti	2500
2239	Barsotti	Owner	5000
2240	Stark	Owner	3000
2241	Christiansen	Owner	2500
2242	Nelson	Owner	4000
2243	Delmonte	Del Favere	9500
2244	Ind. Laundry	Peterson	85990
2245	Moren	Moren	11540
2246	P. G. & E.	Snook	78173
2247	Warren	Grace	5500
2248	So. Pac.	Glackin	....
2249	Penzinger	Hensen	....
2250	Ehle	Johnson	6990
2251	Franceschi	Ferroni	10085

RESIDENCE
(2138) E BRONTE 55 S Jarboe. One-story and basement frame residence.
Owner—William Isaacson, 141 Bronte St., San Francisco.
Architect—None. $2900

FRAME FLATS
(2139) N CHESTNUT 250 W Franklin. Three-story and basement frame (3) flats.
Owner—C. W. Spiegel, 1531 Taylor St., San Francisco.
Architect—F. E. DeMartini, 946 Broadway, S. F. $12,000

DWELLING
(2140) W FORTY-SECOND 75 S Geary Two-story and basement frame dwelling.
Owner—T. Christensen & Olson, % Contractor.
Architect—Helms & Helms.
Contractor—Theodore Christensen, 1440 Clement St., S. F. $4000

APARTMENTS
(2141) N GEARY 32-6 E Twenty-eighth Ave. Three-story and basement frame (12) apartments.
Owner—Costello Bros., 821 34th Ave., San Francisco.
Architect—None. $18,000

RESIDENCE
(2142) SE LINARES AND EIGHTH Ave. 1-story frame residence.
Owner C. E. Schubert, % Architects.
Architect—Laumann & Jose, 251 Kearny St., S. F.
Contractor—Mangels Bros., 4792 Mission St., S. F. $7500

FLATS
(2143) S LOMBARD 225 W VAN Ness Ave. 2-story and basement frame (2) flats.
Owner—Angelo Corbelli, 1230 Pacific Ave., S. F.
Architect—None. $6000

REPAIRS
(2144) 2736 LYON STREET. Shingle roof; painting; papering and tinting for dwelling.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Owner—Jos. J. Webb, 2736 Lyon St., San Francisco.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., S. F. $1800

ALTERATIONS
(2145) 2623 MISSION STREET. Remodel front for meat market; cement flooring.
Owner—Lesser Bros., 2623 Mission St., San Francisco.
Architect—None.
Contractor—H. P. Hoyt, 822 Monadnock Bldg., S. F. $5000

FLATS
(2146) E TWELFTH AVE., 200, 225 N Kirkham. Two 2-story and basement frame flats, 2 flats in each building.
Owner—Ohlson & Almquist, 2695 Bryant St., S. F.
Architect—None. $6000 each.

BUNGALOW
(2147) S NORIEGA 95 W 18TH AVE. W 25 x S 100. All work for 1-story frame bungalow.
Owner—Max and Mildred A. Breitman, 31 Rosemont St., S. F.
Architect—None.
Contractor—Louise Goldstein.
Filed May 8, 1924. Dated May 7, 1924.
Frame up and plumbing roughed in $1125
Brown coated 1125
Completed and accepted 1125
TOTAL COST, $4500
Bond, sureties, none. Forfeit, $5.00. Limit, 100 days. Plans and specifications filed.
NOTE—Permit reported May 8, 1924 No. 2116.

FLATS
(2148) S BAY 75 E FRANKLIN E 25-9 x S 137-6. All work for 2-story and basement frame building, flats.
Owner—Rose Griglar.
Architect—O. L. Baumbaugh, 681 Market St., S. F.
Contractor — Wm. Costello, 758 29th Ave., S. F.
Filed May 8, 1924. Dated Mar. 25, 1924
Frame up $2875
White coated 2875
Accepted 2875
When completion notice expires 2875
TOTAL COST, $11,500
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications not filed.

FLATS
(2149) S LOMBARD 250 W Van Ness Ave. 25 x 137-6. All work for 2-story frame building, flats.
Owner—Angelo Corbelli, 1232 Pacific, San Francisco.
Architect—None.
Contractor—Wm. Costello, 758 29th Ave., S. F.
Filed May 8, 1924. Dated May 2, 1924.
Frame completed $2950
White coated 2950
Completed and accepted 2950
Usual 35 days 2950
TOTAL COST, $11,800
Bond, sureties, forfeit, limit, none. Plans and specifications not filed.

ALTERATIONS
(2150) NO. 876 FRANCISCO. General alterations and repairs to dwlg.
Owner—Geo. A. Armes, 1013 Battery St., San Francisco.
Architect—one. $5000

DWELLING
(2151) W GUERRERO 80 S Seventeenth Two-story frame store and dwelling.
Owner—Michael, Gertrude and Selma Crocker, 4100 24th St., S. F.
Architect—None.
Contractor—Chas. J. U. Koenig, 520 Church St., S. F. $8000

DWELLING
(2152) N IDORA 102 E Garcia. One-story and basement frame dwelling
Owner—Gibson M. Gray, 219 1st Nat'l. Bank Bldg., San Francisco.
Architect—H. Stoner, 219 1st National Bank Bldg., San Francisco.
Contractor—Lang Realty Co., 219 1st Nat'l. Bank Bldg., S. F. $3500

DWELLING
(2153) N IDORA 62 E Garcia. One-story and basement frame dwlg.
Owner—Lang Realty Co., 219 1st Nat'l. Bldg., San Francisco.
Architect—H. Stoner, 219 1st National Bank Bldg., S. F. $3500

DWELLING
(2154) NW GENEVA AND LISBON. One-story and basement frame dwelling.
Owner—Louis Maffei, 1112 Geneva St., San Francisco.
Architect—None. $2500

RESIDENCE
(2155) NW VASQUEZ 40 E Kensington Way. Two-story and basement frame residence.
Owner—F. W. Epley.
Architect—The Alladdin Co., Bay City, Michigan.
Contractor—Lang Realty Co., 1st Nat'l. Bank Bldg., S. F. $6000

GARAGE
(2156) S BROADWAY 100 W Broderick. One-story concrete and frame private garage.
Owner—H. W. Law, 636 Pine St., San Francisco.
Architect—None.
Contractor—Voorhies & Law, 636 Pine St., San Francisco. $3500

DWELLING
(2157) N FLORENTINE 83-5 E Mission. One-story and basement frame dwelling.
Owner—Geo. W. Witbeck, 3066 22nd St., San Francisco.
Architect—None. $3000

DWELLING
(2158) N SANTA ROSA 85 E San Jose Ave. One-story and basement frame dwelling.
Owner—Walter E. Hansen, 485 Capistrano Ave., San Francisco.
Architect—None. $3000

DWELLING
(2159) W SCOTT 52-8½ N Clay. Two-story and basement frame dwlg.
Owner—A. C. Stoddard, Wells Fargo Bank Bldg., San Francisco.
Architect—Archie T. Newsom, Wells Fargo Bldg., San Francisco.
Contractor—McIntosh Bros., 180 Jessie St., San Francisco. $7000

DWELLINGS
(2160) W THIRTY-EIGHTH AVE 100 and 125 S Cabrillo. Two one-story and basement frame dwellings.
Owner—Samuel E. Wienberg, 761 12th Ave., San Francisco.
Architect—None.
Contractor—A. M. Wallen, 1253 Waller St., San Francisco. $4000 each

DWELLINGS
(2161) W TWENTY-FIFTH AVE 150 and 175 S Irving. Two two-story and basement frame dwellings.
Owner—E. Vigen, 825 Monadnock Bldg. San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., S. F. $3800 each

FLATS
(2162) W POWELL 45 S Jackson. Three-story frame (2) flats.
Owner—G. Aranda, % Architect.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.
Architect—None.
Contractor—Carl Wengard, 1286 34th Ave., San Francisco. $12,750

DWELLINGS
(2163) W SAN GABRIEL 150, 175, 200, 225 and 250 S Capistrano. Five one story and basement frame dwlgs.
Owner—Walter E. Hansen, 485 Capistrano Ave., San Francisco.
Architect—None. $3000 each

APARTMENTS
(2164) W TENTH AVE 150 N Clement N 26 x W 120. All work for 2-story and basement frame apartment building.
Owner—Emma L. Hayburn.
Architect — O'Brien Bros., Inc., 315 Montgomery St., S. F.
Contractor — F. L. Hansen, Inc., 251 Kearny St., S. F.
Filed May 9, 1924. Dated Apr. —, 1924.
Bldg. framed $3250
Ready for plastering 3250
Interior plastering com. 3250
Completed and accepted 3225
Usual 35 days after 4325
TOTAL COST, $17,300
Bond, $17,300. Sureties, Union Indemnity Co. Forfeit, none. Limit, 120 days. Plans and specifications filed.

GLASS, ETC.
(2165) SE DIVISADERO & CLAY, 106-3 S 127-8¾ W 25 N 25 W 81-3 N 102-8¾. All work for leaded art glass windows and ceiling lights, 1-story mezzanine and basement brick bldg.
Owner—Sixth Church of Christ Scientists in San Francisco, 1903 Fillmore St., S. F.
Architect—W. H. Crim, Jr., and Hamilton Murdock, 425 Kearny St., S. F.
Contractor—Western Art Glass Studios, 220 Turk St., S. F.
Filed May 9, 1924. Dated Apr. 22, 1924.
15th of each month 75%
Usual 35 days 25%
TOTAL COST, $3020
Bond, $1515. Sureties, Fidelity & Deposit Co. of Maryland. Forfeit, $30.00. Limit, as rapidly as possible. Plans and specifications filed.

STEEL, ETC.
(2166) W NEW MONTGOMERY BET. Minna and Natoma. All work for structural steel and iron work for bldg. to be known as Coast Division Bldg.
Owner—The Pacific Telephone & Telegraph Co., S. F.
Architect—J. R. Miller, T. L. Pflueger and A. A. Cantin, 35 Montgomery St., S. F.
Contractor—J. G. Williams Construction Co., 519 California St., S. F.
Filed May 9, 1924. Dated Apr. 30, 1924.
1st of each month 95%
36 days after 5%
TOTAL COST, $91,575
Bond, sureties, forfeit, none. Limit, as quickly as possible. Plans and specifications filed.

ALTERATIONS
(2176) NE BUSH AND SANSOME STS. Rearrange partitions and stairs in offices.
Owner—Adam Grant, % Contractor.
Architect—None.
Contractor—Lindgren & Swinerton, Inc. Standard Oil Bldg., San Francisco. $18,000

ADDITIONS
(2168) SE CASELLI AND DANVERS Aves. Addition of meeting room to church.
Owner—The Reorganized Church of Jesus Christ of Latter Day Saints, Premises.
Architect—None.
Contractor—H. Thorman, 4545 18th St., San Francisco. $2000

DWELLING
(2169) W DELMAR 300 S Frederick. 1-story and basement frame dwlg.
Owner—Dr. Emil Stern, % architect.
Architect—R. R. Irvine, 736 Call Bldg., San Francisco. $3000

FLATS
(2170) N EIGHTEENTH 135-6 W Valencia. 2-story and basement frame (2) flats.
Owner—Sam Hoffman, 3456 19th St., San Francisco.
Architect—None.
Contractor—O. K. Holt, 3877 26th St., San Francisco. $7000

GARAGE
(2171) SW JACKSON AND MONTGOMERY. 3-story and basement concrete (public) garage.
Owner—T. Demicheli, 1517 Jones St., San Francisco.
Architect—None.
Contractor — G. B. Pasqualetti, 2330 Larkin St., S. F. $20,000

LOFTS & STORE.
(2172) NE MISSION AND JULIA Sts. 4-story and basement with mezzanine floor reinforced concrete lofts and store.
Owner—United Holding Co., 720 Mission St., S. F.
Designer—Wallace A. Stephen, 251 Kearny St., S. F.
Contractor—James L. McLaughlin, 251 Kearny St., S. F. $100,000

SHOP
(2173) BLOCK BOUNDED BY 17TH, Mariposa, Florida and Alabama Sts. 3-story reinforced concrete and brick machine shop.

Owner—American Can Co., 120 Broadway, New York City, N. Y.
Plans by Company Engineers.
Contractor — Lindgren & Swinerton, Inc., Standard Oil Bldg., S. F.

FLATS
(2174) W TWENTY-THIRD AVE., 25 and 50 N Balboa. Two 2-story and basement frame flats, 2 flats in each building.
Owner — E. A. Johnson, 402 Hearst Bldg., S. F.
Architect—None. $7000 each.

FLATS
(2175) E THIRD AVE. 100 S Cornwall, 2-story and basement frame (2) flats.
Owner — E. A. Janssen, 402 Hearst Bldg., S. F.
Architect—None. $7000.

RESIDENCE
(2176) E CLAYTON 100 N DEMING, 25 x 95. All work for 5-room and garage frame residence.
Owner — R. Hughes and Gertrude Hughes, 1410 8th Ave., S. F.
Architect—None.
Contractor—R. Hughes, 1410 8th Ave., San Francisco.
Filed May 10, 1924. Dated May 9, 1924.
Frame up $1500
Plastering completed 1500
Completed and accepted 1500
Usual 35 days 1500
TOTAL COST, $6000
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

APARTMENTS
(2177) W FOURTEENTH AVE. 127 N Balboa 35 x 127-6. All work for 3-story and basement frame bldg., apartments.
Owner—Fannie O. Dow, % Contractor.
Architect—None.
Contractor — Christiansen Bros., 578 25th Ave., S. F.
Filed May 10, 1924. Dated Apr. 5, 1924.
Frame up $6775
Brown coated 6775
Completed and accepted 6775
Usual 35 days 6775
TOTAL COST, $27,100
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.
NOTE—Permit reported May 1, 1924, No. 1996.

HEATING, ETC.
(2178) E MARKET AND BEALE NE 137-6 x SE 138-2. All work for heating and ventilating for general office building.
Owner—Pacific Gas & Electric Co., 445 Sutter St., S. F.
Architect—None.
Contractor—James A. Nelson, 517-519 6th St., S. F.
Filed May 10, 1924. Dated May 7 ,1924.
Payments monthly 75%
Usual 35 days 25%
TOTAL COST, $113,370
Bond, $60,000. Sureties, Hartford Accident & Indemnity Co. Forfeit, limit, none. Plans and specifications filed.

DISMANTLING
(2179) SW NORTH POINT AND LAGUNA S 250 x W 250. All work for dismantling 2,000,000 cubic foot gas holder.
Owner—P. G. & E. Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor—J. E. Johnson Co.
Payments monthly 75%
Usual 35 days 25%
TOTAL COST, $5910
Bond, $3000. Sureties, Globe Indemnity Co. Forfeit, none. Limit, 30 days. Plans and specifications filed.

ALTERATIONS
(2180) SW BUSH AND GRANT AVE. Remodel store front; repair plumbing and plastering.
Owner—A. D. Baldwin, Russ Bldg., San Francisco.
Architect—None.
Contractor — G. Petterson, 180 Jessie St., San Francisco. $1000

ALTERATIONS
(2181) NO. 299 CHENERY. Change front; concrete work; remodel for private garage.
Owner—Frank Dolic.
Architect—None. $1000

FLATS
(2182) N CRESCENT AVE 200 E Mission. Two-story and basement frame (2) flats.
Owner—Will Shepherd, 195 Duncan St., San Francisco.
Architect—None. $5000

FLATS
(2183) E FIFTEENTH AVE. 150 S Lincoln Way. 2-story and basement frame (2) flats.
Owner—Anna C. Moren, 3225 Market St., S. F.
Architect—None.
Contractor—George Moren, 3225 Market St., S. F. $9000

DWELLING
(2184) E FORTY-SECOND 75 N Cabrillo. 1-story and basement frame dwelling.
Owner—David Leigh, 801 42nd Ave., San Francisco.
Architect—None. $4000

APARTMENTS
(2185) W FOURTEENTH AVE. 92 N Balboa. 3-story and basement frame (12) apartments.
Owner—Christiansen Bros., 518 25th Ave., S. F.
Architect—None. $26,000

ALTERATIONS
(2186) 2736 LYON STREET. New roof for residence; construct dormer windows.
Owner—Mr. Webb, 2736 Lyon St., S. F.
Architect—None.
Contractor—Ferguson & Son, 1739 Union St., S. F. $1500

DWELLING
(2187) SE MAGELLAN AND DEWEY Blvd. 1-story and basement frame dwelling.
Owner—John Hadeler, % Architect.
Architect—John F. Beuttler, 110 Sutter St., S. F.
Contractor—McKellar & Son, 504 Oak St., S. F. $6000

DWELLING
(2188) S MELROSE 275 E FORESTER. 1-story and basement frame dwlg.
Owner—Richard A. Condon, 1817-A Ellis St., S. F.
Architect—J. V. Pieron, 1151 Octavia St., S. F.
Contractor—J. V. Pieron & K. Larkin, 1151 Octavia St., 301 Congdon St., San Francisco. $1500

APARTMENTS
(2189) N SACRAMENTO 60 W Franklin. 4-story and basement class C concrete (16) apartments.
Owner—Louis D. Stoff.
Architect—Baumann & Jose, 251 Kearny St., S. F. $70,000

FLATS
(2190) W THIRTY-FOURTH AVE. 225 N Geary. 2-story and basement frame (2) flats.
Owner—Louis Fontanella, 41 Sheridan St., S. F.
Architect—None.
Contractor — Fontanelle & Teza, 41 Sheridan St., S. F. $6500

FLATS
(2191) W THIRTY-FOURTH AVE. 200 N Geary. 2-story and basement frame (2) flats.
Owner—Louis Fontanella, 41 Sheridan St., S. F.
Architect—None.
Contractor — Fontanella & Teza, 41 Sheridan St., S. F. $6500

DWELLINGS
(2192) E THIRTY-SIXTH AVE. 150, 175, 275 N Balboa. Trhee 1-story & basement frame dwellings.
Owner—Geo. A. Bertram, 2831 Mission St., S. F.
Architect—None. $4000 each.

RESIDENCE
(2193) N WASHINGTON 79-2 W Cherry. 2-story and basement frame residence.
Owner—M. I. Lilienthal, 310 Montgomery St., S. F.
Architect—H. H. Gutterson, 526 Powell St., S. F.
Contractor — Mattock & Feasey, 251 Kearny St., S. F. $22,600

DWELLINGS
(2194) W FORTY-THIRD AVE. 160, 185 N Balboa. Two 1-story and basement frame dwellings.
Owner—J. W. Wright & Sons, 228 Hilldale St., Berkeley, Calif.
Architect—None.
Contractor—B. M. Paul, 952 Hilldale St Berkeley, Calif. $3000 each.

RESIDENCE
(2195) LOT 45, BLK. 2, Forest Hill. All work except painting, shades and lighting fixtures for frame residence.
Owner—John Hadeler, 3495 16th St., San Francisco.
Architect—John F. Beuttler, 110 Sutter St., S. F.
Contractor—McKellar & Son.
Filed May 12, 1924. Dated May 9, 1924.
Foundation walls in $1292
Frame up 1292
Rough plastered 1292
Completed and accepted 1292
Usual 35 days 1724
TOTAL COST, $6892.50
Bond, $3446.25. Sureties, David J. Beasley and L. Berg. Forfeit, none. Limit, 90 days. Plans and Specifications filed.

INTERIOR WORK, ETC.
(2196) SIXTH AND STEVENSON. All interior wood work and painters work for bldg.
Owner—Western States Life Ins. Co., Market and 6th Sts., S. F.
Architect—Reid Bros., 105 Montgomery St., S. F.
Contractor—Pacific Mfg. Co., 177 Stevenson St., S. F.
Filed May 12, 1924. Dated Apr. 29, 1924.
10th day each month 75%
Usual 35 days 25%
TOTAL COST, $24,555
Bond, $12,300. Sureties, American Indemnity Co. Firfeit, limit, none. Plans and specifications filed.

ALTERATIONS
(2197) ANGELICA bet. 19th and 20th. Raise dwelling and remodel for private garage.
Owner—Lucy Granucci and E. Gause, 160-B Castro St., S. F.
Architect—F. Granucci, 160-B San Carlos Ave., San Francisco.
Contractor — E. Granucci, 160-B San Carlos Ave., S. F. $1000

ADDITION
(2198) NO. 3424 ANZA. Two-room addition to cottage; concrete foundation, hardwood flooring, etc.
Owner—J. V. Young, Premises.
Architect—None.
Contractor—Matthies & Gale, 180 Jessie St., San Francisco. $1950

FLATS
(2199) S ARMY 225 E Mission. Two-story and basement frame (2) flats.
Owner—Chas. A. Gander, 3009 Mission St., San Francisco.
Architect—Carl Selinger, 3531 19th St., San Francisco.
Contractor—Joseph C. Holl, 161 Precita Ave., San Francisco. $7000

DWELLING
(2200) E ATHENS 75 N Italy. One-story and basement frame dwelling.
Owner—G. Moretton, Premises.
Architect—None. $1575

RESIDENCE
(2201) NW DELONG AVE — SW Piedmont. Two-story and basement frame residence.
Owner—Wm. J. Helmquist, 425 Kearny St., San Francisco.
Architect—W. H. Crim and Hamilton Murdock, 425 Kearny St., San Francisco. $14,000

DWELLINGS
(2202) E FAXON AVE 225 and 250 S Ocean Ave.
E FAXON AVE 200 S De Montford.
SE FAXON AND DEMONTFORD.
Four one-story and basement frame dwellings.
Owner—Thomas J. Sullivan, 258 Jules Ave., San Francisco.
Architect—None. $4000 ea

DWELLING
(2203) W FORTY-FIFTH AVE 295 N Balboa. One-story and basement frame dwelling.
Owner—J. O. England, 731 21st Ave., San Francisco.
Architect—None.
Contractor—Little & Cristensen, 1442 8th Ave., San Francisco. $4000

(2204) N FRANCISCO 100 E Octavia. Two-story and basement frame (4) apartments.

Owner—Strand & Strand.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $8000

DWELLING
(2205) S GENEVA 155 E Athens. One-story and basement frame dwelling.
Owner—Asplund & Hermansen, 4153 25th St., San Francisco.
Designer—E. Hermansen, 4153 25th St., San Francisco. $5000

DWELLING
(2206) E LEE 175 S Holloway. One-story and basement frame dwelling
Owner—Jos. Di Giovanni, 343 Bennington Ave., San Francisco.
Architect—Frederick C. Munk Jr., 58 Francis St., San Francisco.
Architect—A. Sorbi, 564 Edinburgh St., San Francisco. $3000

APARTMENTS
(2207) E LEXINGTON 135 N 18th St. Two-story and basement frame (4) apartments.
Owner—Philippe Sauer, % Architect.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—M. E. Green, 180 Jessie St., San Francisco. $10,000

DWELLING
(2208) S LISBON 88-6 NE Amazon. One-story and basement frame dwelling.
Owner — Hemmen & Weissman, 520 Geary St., San Francisco.
Architect — Gustave Stahlberg, 544 Market St., San Francisco. $4000

DWELLING
(2209) SE LISBON 60-6 NE Amazon. One-story and basement frame dwelling.
Owner Hemmen & Wiessman, 520 Geary St., San Francisco.
Architect—Gustave Stahlberg, 544 Market St., San Francisco. $4000

DWELLING
(2210) SE LISBON 32-6 NE Amazon. One-story and basement frame dwelling.
Owner—Hemmen & Weissman, 520 Geary St., San Francisco.
Architect—Gustave Stahlberg, 544 Market St., San Francisco. $5000

ALTERATIONS
(2211) NO. 1170 MARKET. Underpin east wall of store with 21-in. brick
Owner—Mathew Nunan Estate, 912 Guerrero St., San Francisco.
Architect—None. $2000

DWELLING
(2212) N MARTHA 188 E Congo. One and one-half-story and basement frame dwelling.
Owner—Henry Lamothe, 668 Clay St., San Francisco.
Architect—None. $3300

ALTERATIONS
(2213) NO. 848 McALLISTER. Raise and remodel for stores and residence.
Owner—A. Stoff, 111 Montgomery St., San Francisco.
Architect—None.
Contractor—Otto Carson, 180 Jessie St., San Francisco. $2000

DWELLING
(2214 W TWENTY-SEVENTH AVE 200 S Irving. One-story and basement frame dwelling.
Owner—Hendricks & Simonin, 2859 Harrison St., San Francisco.
Plans by Owner. $4000

DWELLING
(2215) S VICENTE 117 W Madrone. One-story and basement frame dw
Owner — Kate H. Benson, 61 Diamond St., San Francisco.
Architect—None.
Contractor — K. H. McKenzie, 337 7th Ave., San Francisco. $4900

DWELLING
(2216) W WHITTIER 265½ N Brunswick. One-story and basement frame dwelling.
Owner—W. R. McKnight, 852 Moultrie St., San Francisco.
Plans by Owner. $3000

APARTMENTS
(2217) S CALIFORNIA 50 W Sixteenth Ave. Two-story and basement frame (4) apartments.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None. $9000

APARTMENTS
(2218) W TENTH AVE 150 N Clement. Two-story and basement frame (4) apartments.
Owner—Emma L. Hayburn, % Architect
Architect—O'Brien Bros., Inc., 315 Montgomery St., San Francisco.
Contractor—F. L. Hansen, 510 Pine St., St., San Francisco. $17,000

RESIDENCE
(2219) N JACKSON 103-1½ W Lyon 34-4½x127-8¼. All work except mantel, window shades, wall paper and electric fixtures for frame residence.
Owner—Esther B. and Stanley Powell, 3817 Jackson St., San Francisco.
Architect—Erle J. Osborne, 821 Balboa Bldg., San Francisco.
Contractor—Elmer Carlson, 180 Jessie St., San Francisco.
Filed May 13, '24. Dated May 1, '24.
Roof completed, rough plumbing & electric wiring instld...$3455.00
Rough plaster completed .. 3455.00
Completed and accepted..... 3455.00
Usual 35 days..... 3457.50
TOTAL COST, $13,822.00
Bond, $6911.25. Sureties, John E. Beck and Joel Johnson. Limit, 120 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported may 2, 1924, No. 2026.

APARTMENTS
(2220) SE O'FARRELL & STEINER E 40xS 100. All work for three-story apartments.
Owner—Joseph Laven, 717 Market St., San Francisco.
Architect—None.
Contractor—A. E. Auslen.
Filed May 13, '24. Dated May 2, '24.
Frame up and roof on.....$7890
Brown coated 7890
Standing trim on..... 7890
Completed 7890
Usual 35 days..... 7890
TOTAL COST, $39,450
Bond, $20,000. Surety, Indemnity Insurance Co. of North America. Limit, 120 days. Forfeit, plans and specifications, none.

FLATS
(2221) S FILBERT 55-11½ W Genoa Place. All work for 2-story frame flat building.
Owner—G. Giorgi, 457 Filbert St., S. F.
Architect—None.
Contractor—G. Bagnani, 223 Bay St., San Francisco.
Filed May 13, 1924. Dated Apr. 30, 1924.
Bldg. under roof $1850
Plastered 1850
Usual 35 days 3500
TOTAL COST, $7200
Bond, sureties, forfeit, none. Limit, 3 months. Plans and specifications not filed.
NOTE—Permit reported May 3, 1924, No. 2047.

RESIDENCE
(2222) LOT 3 BLK. 31, Map Blks. 27 to 34, Forest Hill Extension. All work except furnace, water heater, electric fixtures and finish hardware for 1-story and basement residence.
Owner—John and Emma Garassino, 1745 Mason St., S. F.
Architect—None.
Contractor—Charles A. Hall, 1301 4th Ave., S. F.
Filed May 13, 1924. Dated May 13, 1924.
Frame up $2150
1st coat plaster on 2150
Completed 2150
Usual 35 days 2150
TOTAL COST, $8600
Bond, sureties, forfeit, none. Limit, 140 days. Plans and specifications filed.

ELEVATOR, ETC.
(2223) 440 NEW MONTGOMERY ST. All work for passenger elevator signal system, dispatch equipment for new Coast Division Bldg.
Owner—The Pacific Telephone & Telegraph Co., 333 Grant Ave., S. F.
Architect—J. R. Miller, T. L. Pflueger and A. A. Cantin, Lick Bldg., S. F.
Contractor—Otis Elevator Co., Beach and Grant Ave., S. F.
Filed May 13, 1924. Dated May 10, 1924.
On delivery of machinery 50%
On completion 25%
36 days after 25%
TOTAL COST, $333,120
Bond, sureties, forfeit, none. Limit, 5 months. Plans and specifications filed.

(2224) S BALCETA 40, 80, AND 120 W Laguna Honda Blvd. Three 1-story and basement frame dwlgs.
Owner — Hawkins Improvement Co., Mills Bldg., S. F.
Architect—Chas. Strothoff, 2274 15th St., S. F. $3500 each.

APARTMENTS
(2225) NW CALIFORNIA AND LOCUST S.S. 2-story and basement frame (4) apartments.
Owner — E. A. Janssen, 402 Hearst Bldg., S. F.
Architect—None. $11,000

FLATS
(2226) S CLAY 218-9 W FILLMORE. 2-story and basement frame (2) flats.
Owner—J. P. Casson, % architects.
Architect—Albert J. Fabre and Ernest Hild brand, 110 Sutter St., S. F. $11,000

ALTERATIONS
(2227) 1358 DOLORES STREET. Alterations and addition to dwlg.
Owner—R. Kelley, premises.
Architect—None.
Contractor — George Knabenshuh, 97 Holloway Ave., S. F. $1650

DWELLING
(2228) E EXCELSIOR 25 N NAPLES. 1-story and basement frame dwlg.
Owner—Luigi Leone, 184 London St., San Francisco.
Architect—None. $1000

FLATS
(2229) W FIFTEENTH AVE. 122-6 N Cabrillo. 2-story and basement frame (2) flats.
Owner—J. J. Farrell, 581 4th Ave., San Francisco.
Architect—None.
Contractor—C. T. Magill, 581 4th Ave., San Francisco. $7000

DWELLING
(2230) SE FOURTEENTH AVE. AND Ulloa. 1-story and basement frame dwelling.
Owner—Miss Louise Eble, 2416 Polk St., S. F.
Architect—T. E. Peyser, 2447 26th Ave., San Francisco.
Contractor—Edward A. Johnson, 1229 Ulloa St., S. F. $7000

DWELLING
(2231) W FUNSTON AVE. 150 S Kirkham. 2-story and basement frame dwelling.
Owner—G. Rattaro, 1522 Funston Ave., San Francisco.
Architect — Paul F. DeMartini, 946 Broadway, S. F.
Contractor—C. Wengard, 1286 34th Ave San Francisco. $6000

ADDITION
(2232) SW GEARY AND SIXTH AVE. Construct additional rooms.
Owner—French Hospital, premises.
Architect—Albert J. Fabre and Ernest J. Hildebrand, 110 Sutter St., S. F. $22,500

DWELLINGS
(2233) NE GENEVA 30 AND 55 SE Huron. Two 1-story and basement frame dwellings.
Owner—Patrick Horgan, 915 Pierce St., San Francisco.
Architect—None. $4000 each.

ALTERATIONS
(2234) SE GREEN AND PIERCE STS. Remodel for private garage quarters.
Owner—Oscar Heyman & Brother, 742 Market St., S. F.
Architect—Alvin J. Stern, 742 Market St., S. F. $1000

ALTERATIONS
(2235) 938 MARKET ST. Change store front; raise flooring of windows and construct marble bulkhead, etc.
Owner—Burnett Bros., 938 Market St., San Francisco.
Architect—None.
Contractor — L. & E. Emanuel, Inc., 2665 Jones St., S. F. $1250

ALTERATIONS
(2236) E MISSION 50 S 21ST ST. Remodel theatre for 2 stores; add one story brick for offices.
Owner—M. E. Spiro, 301 Market St., San Francisco.
Architect—S. Heiman, 57 Post St., S. F.
Contractor—L. J. Cohn, 110 Sutter St., San Francisco. $16,000

DWELLING
(2237) N NEY 200 W CRAUT. 1-story and basement frame dwelling.
Owner—Max K. Kallo, 2565 Mission St., San Francisco.
Architect—None.
Contractor—C. Lindberg, 1 Nayler St., San Francisco. $4460

DWELLING
(2238) SW QUESADA 75 NW LANE. 1-story and basement frame dwlg.
Owner—Renato Frediani, 1137 Mendell St., S. F.
Architect—None.
Contractor—Arturo Barsotti, 1572 Quesada Ave., S. F. $2500

DWELLINGS
(2239) SW REVERE 175 AND 200 NW Lane. Two 1-story and basement frame dwellings.
Owner—Arturo Barsotti, 1512 Quesada Ave., S. F.
Architect—None. $2500 each.

DWELLING
(2240) N SUNNYSIDE AVE. 100 E Geneva. 1-story and basement tiame dwelling.
Owner—Stark Bros., 106 7th St., S. F.
Plans by owner. $3000

DWELLING
(2241) W TWENTY-SECOND 150 S Kirkham. 1-story and basement frame dwelling.
Owner—Arthur L. Christiansen, 1346 24th Ave., S. F.
Architect—A. Christiansen, 1350 24th Ave., S. F. $2500

DWELLING
(2242) S VICENTE 301 W WAWONA. 1-story and basement frame dwlg.
Owner—F. Nelson & Son, 2 West Portal Park, S. F.
Architect—None. $4000

ALTERATIONS
(2243) NE BROADWAY AND KEARNY E 77-6 x N 57-6. All work for alterations and addition to restaurant.
Owner — Attilio Delmonte, 860 Union St., S. F.
Architect—Charles Fantoni, 550 Montgomery, S. F.
Contractor—J. Del Favere, 180 Jessie St., S. F.
Filed May 14, 1924. Dated May 13, 1924.
Foundation work done and steel columns and girders set in place $2387.50
Front enclosed and plaster complete 2387.50
Completed and accepted ... 2387.50
Usual 35 days 2387.50
TOTAL COST, $9550.
Bond, sureties, none. Forfeit, $5.00 per day. Limit, 45 days. Plans and specifications filed.

CONCRETE BLDG.
(2244) NE EIGHTEENTH AND ALABAMA E 200 x N 200. All work except painting, lockers, wiring, plumbing, heating, grading and vault front for reinforced concrete building.
Owner—Independent Laundry, 19th and Bryant, S. F.
Architect — John J. Foley, 770 5th Ave, San Francisco.
Contractor—Peterson & Persson, 770 5th Ave., S. F.
Filed May 14, 1924. Dated Apr. 24, 1924.
1st day each month 75%
Usual 35 days 25%
TOTAL COST, $85,990
Bond, sureties, forfeit, none. Limit, 125 days. Plans and specifications not filed.
NOTE—Permit reported Apr. 30, 1924, No. 1987.

FRAME BLDG.
(2245) E FIFTEENTH AVE. 150 S Lincoln Way E 127-6 S 25. All work except grading, hardwood, floors, electric fixtures and tiling for 2-story and basement frame building.
Owner—Anna C. Moren, 3225 Market St., S. F.
Architect—None.
Contractor — George R. Moren, 3225 Market St., S. F.
Filed May 14, 1924. Dated May 14, 1924.
Roof on $2885
Brown coated 2885
Completed 2885
Usual 35 days 2885
TOTAL COST, $11,540
Bond, sureties, forfeit, none. Limit, 100 days. Plans and specifications filed.
NOTE—Permit reported May 13, 1924, No. 2183.

OFFICE BLDG.
(2246) E MARKET AND BEALE NE 137-6 SE 138-2. All work for plumbing system for general office building.
Owner—Pacific Gas & Electric Co., 445 Sutter St., S. F.
Architect—None.
Contractor—Frederick W. Snook Co., 596 Clay St., S. F.
Filed May 14, 1924. Dated May 8, 1924.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $78,173
Bond, $40,000. Sureties, Globe Indemnity Co. Forfeit, limit, none. Plans and specifications filed.

FRAME BLDG.
(2247) W POTRERO AVE. 110 S 23RD S 25 x W 100. All work for 2-story and basement frame bldg.
Owner—Nellie G. Warren, 2710 23rd St., San Francisco.
Architect—None.
Contractor—John T. Grace, 954 Potrero Ave., S. F.
Filed May 14, 1924. Dated May 7, 1924.
Roof completed .....—
Brown coated .....—
Standing finish on .....—
Usual 35 days .....—
TOTAL COST, $5500
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications not filed.
NOTE—Permit reported Apr. 30, 1924, No. 1971.

GRADING, ETC.
(2248) SEVENTH ST. BET. BERRY and 16th. All work for grading, paving, curbing, manholes, catch basins, etc.
Owner—S. P. Co., 65 Market St., S. F.
Architect—None.
Contractor—H. S. Glackin, 1501 20th St., S. F.
Filed May 14, 1924. Dated Apr. 30, 1924
At close of each month 75%
Usual 35 days 25%
TOTAL COST—Concrete, .265 sq. ft.; asphalt, .174 sq. ft.; curbing, .50 lineal ft.; basalt blocks, .10 per sq. ft.; stone culvert, 1.35 per lineal ft.
Bond, $35,643. Sureties, National Surety Co. Forfeit, limit, none. Plans and specifications filed.

CONCRETE, ETC.
(2249) N TURK 27-6 W Leavenworth W 50 x N 137-6. All concrete and cement work, etc., for 6-story reinforced concrete bldg.
Owner—A. Penzinger, 750 Taylor St., S. F.
Architect—None.
Contractor — F. L. Hansen, Inc., 510 Pine St., S. F.
Filed May 14, 1924. Dated May 13, 1924.
When 2nd floor joists set and 1st floor concrete poured....$3000
2nd floor joists in and concrete poured 3000
4th floor joists in and concrete poured 3000
5th floor joists in and concrete poured 3000
Ready for roofer 3300
Usual 35 days 5500
TOTAL COST, $20,800
Bond, $10,500. Sureties, Ella M. Hansen and L. B. Sibley. Forfeit, limit, none. Plans and specifications filed.

RESIDENCE
(2250) SE ULLOA AND 14TH AVE. E 57-6 x S 70. All work for 5-room and basement frame residence and garage.
Owner—Louise A. Ehle.
Architect—None.
Contractor — Edward A. Johnson, 402 Hearst Bldg., S. F.
Filed May 14, 1924. Dated May 12, 1924.
Roof on $1747.50
1st coat plaster on 1747.50
Completed and accepted 1747.50
Usual 35 days 1747.50
TOTAL COST, $6990
Bond, sureties, none. Forfeit, $10. Limit, 70 days. Plans and specifications filed.

FRAME BLDG.
(2251) N UNION 122 E BUCHANAN E 28 x N 137-6. All work except painting, plumbing, shades and chandeliers for 2-story and basement frame bldg. and garage.
Owner—V. Franceschi, 1993 Union St., San Francisco.
Architect—J. A. Porporato, 619 Washington St., S. F.
Contractor—G. Ferroni & Sons, 1926 Filbert St., S. F.
Filed May 14, 1924. Dated Apr. 28, 1924.
Rough frame up of front of blog. $2000
Brown coated 2500
Completed and accepted 2585
Usual 35 days 3000
TOTAL COST, $10,085
Bond, $5050. Sureties, G. Giusti. Forfeit, none. Limit, 90 days. Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
May 9, 1924—S ARMY 468-8⅜ E Mission 3321 Army. Wm. A. Newsom to whom it may concern.... ..... May 1, 1924
May 9, 1924—S FRANCISCO 137-6 E Taylor. F. Torre to E. Milano.. ..... May 8, 1924
May 9, 1924 — SIXTEENTH AND Illinois. Associated Oil Co. to Alfred H. Vogt .....May 2, 1924
May 9, 1924—E TWENTIETH AVE. 225 N Balboa N 25 x E 120. Orrin Knox to whom it may concern.. ..... May 7, 1924
May 9, 1924 — E FORTIETH AVE. 203-6 S Balboa S 25-4½ x 120. Helen Cohen to whom it may concern ..... May 3, 1924
May 9, 1924—N JOOST AVE. 100 E Edna 25 x 100. Henry Horn to A. J. Klonquist .....May 1, 1924
May 9, 1924—E EUREKA 190 S 19TH S 30 x E 125. Elling Ellingson to whom it may concern..May 5, 1924
May 9, 1924—SE MARKET 117-6 NE 8th NE 37-6 x SE 100; SE Market 80 NE 8th NE 37-6 x SE 100. Marian Realty Co. to whom it may concern ..... May 9, 1924
May 9, 1924—W GRANT 85 S Maynard 25 x 100. Thomas F. O'Donnell to A. J. Klonquist..May 2, 1924
May 9, 1924—E SIXTH AVE. 84 N Fulton N 75 E 120 S 34-4½ E 37-6 S 108-5⅝ W 75-4 11-16 N 75-6½ W 82-6. Michael McDonough to whom it may concern..May 1, 1924
May 9, 1924—E SIXTEENTH AVE 150 S Judah S 25 x E 127-6. Harry N. Kiefer and Nell Y. Keifer to Frasier & Frasier.....May 9, 1924
May 9, 1924—S DEWEY BLVD. 46 E Kensington Way. J. J. McLeod to McIntosh Bros. .....May 6, 1924
May 9, 1924—S LAKE 82-6 E 27th Ave E 25x100. John V Westerlund and Geo J Ellington to whom it may concern .....
May 8, 1924—S JOOST AVE 126 E Foerster E 100xS 100 Ptn Blk 21, Sunnyside. Moneta Invst Co to James Arnott & Son....Apr. 30, 1924
May 8, 1924—E LEE AVE 175 S

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Grafton Ave S 25xE 112-6 Lot 14 Blk D, Lakeview. The McCarthy Co to James Arnott & Son.....May 7, 1924

May 8, 1924—SW WHITTIER 106 SE Brunswick 53x187. C Wengard to whom it may concern...May 8, 1924

May 8, 1924—W FORTIETH AVE 25 S Anza S 75xW 95. George Becker to Meyer Bros. .....May 8 1924

May 8, 1924—W TWENTY-FOURTH Ave 135 N Cabrillo 27x120. Wm Costello to whom it may concern .....May 8, 1924

May 8, 1924—W SANSOME 46-10⅞ m or 1 N Sutter N 91-6xW 122-9. Anglo & London Paris National Bk to The Neal Co.....May 1, 1924

May 8, 1924—E TWENTY-EIGHTH Ave 209 S Balboa 26x120. Gustaf S Nielsen to whom it may concern .....May 7, 1924

May 8, 1924—N VALLEJO 80 E Octavia. Peter J Prevolos to Henry Jacks and Wm K Irvine..May 2, '24

May 10, 1924—E GOUGH 50 S Francisco E 112-6xS 25. Rita and John P Herlihy to John Harder.....May 5, 1924

May 10, 1924—E THIRTY-FOURTH Ave 150 N Balboa. Frank Antonioli to whom it may concern.May 8, 1924

May 10, 1924—W FOURTEENTH AV 56-2 S Irving 25x100. Alfred Becker to whom it may concern. .....May 10, 1924

May 10, 1924—W NINETEENTH AV 76 S Judah S 25xW 95. Jacob Ozanic to whom it may concern...

May 12, 1924 — S GRAFTON 25 W Plymouth W 25x100. John M Sullivan to O G Olson and T Sullivan .....May 12, 1924

May 12, 1924—THIRD AND TOWNSend. Southern Pacific Co with American Marble & Mosaic Co... .....May 5, 1924

May 12, 1924—S KENSINGTON WAY 100 N Ulloa N 30x100. Peter Furnell to whom it may concern. .....May 10, 1924

May 12, 1924—S BRUSSELS & FELton SW 25xSE 100 Ptn Blk 18, University Md Tr. Louis Silverstein to James G Neish..May 10, 1924

May 12, 1924—E MASON 60 S Green 40x60. S Biondi to G Ghezzi..... .....May 9, 1924

May. 12, 1924—N MISSION & FREmont NE 137-6xNW 137-6. Josephine C McCormick, Isabelle and Beatrice Cebrian and Maria C de F De Caleya to whom it may concern.....

May 12, 1924—E FORTY-SECOND Ave 250 N Fulton. James F Kearns to whom it may concern.May 9, 1924

May 13, 1924—N CLAY 114-6 W Larkin N 127-8¼ x W 23. W. R. Proll to J Farnocchia & Co...Apr. 23, 1924.

May 13, 1924—SAME PROP. AS INdeed Spring Valley Water Co. et al to The Olympic Club recd. June. 13, 1924, contg. 325.42 acres. The Olympic Club to Mattock & Feasey ..... April 26, 1924

May 13, 1924—E FORTY-THIRD AV 100 S Anza, 25x120; E Forty-third Ave 75 S Anza 25x95. Moses Little to whom it may concern.. .....May 13, 1924

May 13, 1924—S DE MONTFORD AV 75 E Faxon Ave No. 131 De Montford Ave. J Johnson and S J Erlendsen to whom it may concern..

May 13, 1924—LOT 4 BLK 218-A Laguna Honda Park. C W Pearce to whom it may concern.May 13, 1924

May 13, 1924—NE ALLISON 175 SE Cross SE 25xNE 120 Ptn Lot 62, Bernal Hd. Assn; NE Alliston 200 SE Cross SE 25xNE 120 Ptn Lot 63, Bernal Hd Assn. Esther E Ahearn to Charles Gust.....May 12, 1924

May 13, 1924—S GREEN 90 E Pierce E 30xS 94. Theresa E Mercereau to Robert Chambers.....May 10, 1924

May 14, 1924—SW BEACH & GRANT Ave W 275xS 137-6. Otis Elevator Co to California Steel Co.....May 9, 1924

May 14, 1924—NW BRYANT 175 SW Third SW 45xNW 90. Louis A and E H Giacobbi and Lloyd A Giacobbi to J H Hjul.....May 13, 1924

May 14, 1924—PTN LOTS 4, 5, 6 and 7 Blk P, Mission Terrace. Amanda A Olsen to whom it may concern... .....May 14, 1924

May 14, 1924—S BROADWAY 22-9 W Jones No. 1107 Broadway. Mary Collins to Einar C Petersen..... .....May 10, 1924

May 14, 1924—NE GENEVA AVE 80 SE Huron SE 25xNE 90. Patrick Horan to whom it may concern... .....May 13, 1924

May 14, 1924—S FULTON 100 E Ashbury E 25x137-6. Martin Smith to whom it may concern..May 14, 1924

May 14, 1924—N FILBERT 137-6 E Powell E 137-6xN 160. The Roman Catholic Archbishop of S. F. to Grace & Bernieri, The Art Iron Works and Frederick W Snook.. .....May 7, 1924

May 14, 1924—S BROADWAY 22-9 W Jones No. 1107 Broadway. Mary Collins to Einar C Petersen..... .....May 10, 1924

May 14, 1924—S FILBERT 67-6 W Taylor 25x128-9 No. 923-925 Filbert. F G Casella to J Devincenzi & Bros.....May 10, 1924

May 14, 1924—E FIFTEENTH AVE 175 and 200 N Irving N 25 — 127-6 S 25 W to beg. Wm McDonald, May 12, 1924; Herbert Maritzen to Thomas Hamill..... .....May 12, 1924

May 14, 1924—NORTH POINT ST., bet. W line Embarcadero and pt on N line North Point approximately 100 W of W line of Jones. Southern Pacific Co to Raisch Improvement Co..6.....May 10, 1924

May 14, 1924—THIRD ST. Passenger Station. Southern Pacific Co to American Marble & Mosaic Co... .....May 5, 1924

May 14, 9241—LOT 20 BLK 6452, Crocker Amazon Tract Sub No. 2, Crocker Estate Co to whom it may concern.....May 6, 1924

May 14, 1924—W WHEELER AVE 324 N Bay Shore Ave N alg W Wheeler Ave 32xW 100 Ptn Blk 11, Crocker Bay Shore Tract. Crocker Estate Co to whom it may concern. .....May 6, 1924

May 14, 1924—E WHEELER AVE 343 N Bay Shore Ave N 32xE 100 Ptn Blk 12, Crocker Bay Shore Tract. Crocker Estate Co to whom it may concern.....May 6, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

Geary N 75xE 120. James McLeod vs Roman Catholic Archbishop of S. F., Edw Hanna and Andrew Lynch $203

May 8, 1924—E NINTH AVE 275 N

May 9, 1924 — S ELLIS AND NW Market SW 157-11⅜ N 95-5¾ E 128-3. Ehlers & Smith vs. Cora J. Flood and H. Wallach.....$13,131.88

May 8, 1924—NE BUCHANAN AND Oak N 65xE 43. John Shimmon, $395; R P M Gardiner, $500 vs E K. Nelson .....

May 7, 1924—LOT 5 SUB BLK 32, Excelsior Hd Assn. W J Holsworth vs Charles Smith, and Alfred Konjetsky $90.50

May 12, 1924—LOT 7 BLK 3722 being Blk bded by Second, Third, Mission and Howard No. 149 New Montgomery. Shaw & Co vs Susie Bernheim, Ruth P Schwartz, Ernestine Bernheim and Louis J Cohn $262.73

May 12, 1924—N JESSIE 75 W 4th. V Fassio (as Mission Concrete Co) vs Jas D Costigan.....$3530.25

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

May 12, 1924—NE LARKIN AND Sutter N 87-6xE 57-6. P O Lind, Raphael Zelinsky, Sibley Grading Co, Royal Floor Co, Monihan & Slavin, Michel & Pfeffer Iron Wks, Christensen Lumber Co to Fennell & Chisholm, Peter Bradley, J E Connell and P W Meherin.....

May 12, 1924—LOT 5 Sub Blk 32, Excelsior Hd Assn. W J Holsworth to Charles Smith and Alfred Konjetsky $90.50

May 12, 1924—NE LARKIN AND Sutter E 57-6xN 87-6. Tyre Bros Glass Co, Hart & Burmeister, Atlas Elec Co, T I Butler Co, Lowry & Daly to Peter Bradley, J E Connell, P W Meherin and Fennell & Chisholm .....

May 2, 1924—SE CLAY AND WALnut E 37-6 x S 102-8¼. Pacific Gas Heating Co. to Helena N. Moore.$462.

May 13, 1924—S HOLLOWAY BET. Ashton and Jules dist. 87-6 E Ashton. Ginsberg Tile Co. to S. E. Grant and H. E. Hansen $90.30

May 13, 1924—E FOLSOM 149 N 22nd E 122-6xN 36. J S Guerin & Co to John I Hall, Elizabeth A Hall and Chas Perry.....

May 13, 1924—E FOLSOM 149 N Twenty-second N 36x122-6. Lipp & Lamar and Dowd Seid Electric Co to Charles Penny, J I and Elizabeth A Hall .....

May 14, 1924—S MARKET 135 E 6th S 170 m or 1 xE 98-6. George Farrell to Henry G Meyer.....

May 14, 1924—S 25 or 292 E OCTAVIA 80 N Green N 58xE 50. P Montague to A Nardini & John Morton $82.50

May 14, 1924—NE SUTTER AND Larkin N 87-6xE 57-6. Joseph Musto Sons-Keenan Co, Joost Bros, Atlas Heating & Ventilating Co, Marshall & Stearns Co, J S Guerin & Co and Kawneer Mfg Co of Atlas Concrete Co, Peter Bradley, J E Connell, P W Meherin and Fennell & Chisholm .....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

May 7, 1924—W MISSION 438-½ N Otis. Callaghan Estate Co as to improvements on property.....

May 9, 1924—NE ALABAMA AND 16th E 200 x N 95. The San Francisco Soc. for the Prevention of Cruelty to Animals as to improvements on property.....

May 13, 1924—S UNION bet. Laguna and Buchanan; No. 1909 Union St. R D McElroy as to improvements on property .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2530	Gilkey	Owner	1000
2531	Ramsden	Rankin	3500
2532	Button	Owner	5000
2533	Snyder	Coffee	3000
2534	Hall	Austin	18380
2535	Simpson	Bertelsen	12000
2536	Frishie	Glantz	4000
2537	Shanon	Monroe	1000
2538	Richard	Meyer	3000
2529	Hagland	Owner	3000
2540	Handy	Owner	7500
2541	Neddersen	Taylor	2500
2542	P. G. & E.	Owner	3500
2543	Mulhern	Peters	5000
2544	Chamblin	Mallett	9750
2545	Coates	Koch	3000
2546	Eureka	Owner	1600
2547	Meier	Owner	1800
2548	Alaska	Christensen	103500
2549	Hansen	Spivock	11500
2550	Gilmour	Barrett	17500
2551	Woodburn	Owner	6000
2552	Blackstone	Owner	8400
2553	Smith	Owner	4000
2554	Baxter	Owner	6500
2555	Boston	Owner	1500
2556	Beal	Owner	4000
2557	Schultz	Kennedy	3500
2558	Boden	Owner	7500
2559	Murphy	Shade	1800
2560	McCaslin	Marshall	6500
2561	Bain	Hamilton	3500
2562	Smith	Owner	2950
2563	Lee	Altermatt	3500
2564	P. G. & E.	Catucci	——
2565	Smith	Dolan	5550
2566	Pfrang	Owner	8000
2567	Lilyenberg	Sommarstrom	5200
2568	Burris	Henderson	6000
2569	Overton	Sorenson	5000
2570	Vincent	Henderson	10000
2571	Norton	Owner	5500
2572	Pacific	Owner	4000
2573	Robertson	Owner	2200
2574	Schenider	Nat. Elec.	3500
2575	Hletch	Anderson	3000
2576	Thanis	Owner	3700
2577	Watson	Owner	3000
2578	Joseph	Petersen	3000
2582	Lonergan	MacRal	1000
2583	Prior	Owner	1000
2584	Alaska	Owner	115000
2585	Steinmetz	Fish	6450
2586	Hally	Ventri	20000
2587	Hauschild	Hammond	1425
2588	Slem	Malley	3000
2589	Marteli	Kruse	1800

2590	Noy	Richards	3300
2591	Anderson	Rockingham	3900
2592	Griffin	Fish	11836
2593	Wedemeyer	Baccgalupi	4000
2594	Pucci	Spence	1400
2595	Camicia	King	6380
2596	Noble	Owner	3500
2597	Noble	Owner	5000
2598	Bally	Roth	15000
2579	Frederick	Lawrence	13388
2580	Wood	Pedgrift	13678
2581	Bachelordon	Cederborg	25484
2599	Solamen	Owner	2000
2600	Brownlee	Johanson	4500
2601	Davis	Brennan	26500
2602	Williams	Owner	2250
2603	Erecsan	Lundgren	2500
2604	Warford	Ingram	4500
2605	Crane	Owner	7000
2606	Angella	Owner	2400
2607	Ahlgren	Owner	1800
2608	Drury	McCullough	9000
2609	Blethroad	Owner	5000
2610	Blasingame	Owner	5000
2611	Morison	McWethy	16000
2612	Greig	Greig	7000
2613	Cross	Tranmal	12000
2614	Pollard	Owner	4000
2615	Gayner	Hayden	3500
2616	Gordon	Bigelow	7500
2617	Caretto	Owner	3600
2618	Zerwer	Owner	1900
2619	Wood	Berkeley	9000
2620	Brasch	Owner	9000
2621	Fee	Owner	4000
2622	Elliott	Nickerson	2000
2623	Roznouski	Owner	6000
2624	Overton	Owner	3000
2625	Bryant	Allen	3000
2626	Ives	Owner	1500
2627	Wheeler	Owner	3000
2628	McCord	Owner	6000
2629	McCord	Owner	6000
2630	Pereira	Pereira	3500
2631	Nichols	Blethroad	6500
2632	Elrod	Owner	1500
2633	Moon	Owner	2000
2634	Donnelly	Thaxter	9340
2635	Davis	Brennan	29840
2636	McMurray	J Pearson	10214
2637	Shrader	.... Sand	3600
2638	Brodovski	Owner	2700
2639	Ala. Co. Bldrs.	Owner	16000
2640	Ala. Co. Bldrs.	Owner	5000
2641	Cardoni	Cal. Bldrs.	13500
2642	Casha	Owner	3500
2643	Rich	Owner	2000
2644	Neirgard	Owner	4000
2645	Joslyn	Owner	3000
2646	Freitas	Owner	2000
2647	Miller	Stanley	2000
2648	La Croip	Tupper	4200
2649	Fritzz	Fritz	3500
2650	Blume	Norgrave	3600
2651	Blum	Roth	1625
2652	Hutchinson	Hopp	1000
2653	Bear	Owner	3500
2654	Gamma Phi	Tranmal	11000
2655	Thosand	Mas Temp	26000
2656	Nelson	Owner	1000
2657	Weaser	Owner	3000
2658	Weaser	Owner	3000
2659	Seward	Bishop	4000
2660	Thousand	Mas. Temp.	26460
2661	United Cigar	Owner	1885
2662	Moore	Moore	1000
2663	Burks	Owner	4500
2664	Hanson	Owner	11500
2665	Razzaro	Campomenosi	4000
2666	Ferraris	Campomenosi	4000
2667	Adams	Owner	3500
2668	Peppin	Owner	8100
2669	Peppin	Owner	35200
2670	Boden	Owner	2000
2671	Hamilton	Owner	2500
2672	Dechaine	Owner	3000
2673	Henning	Owner	2600
2674	West	Owner	8000
2675	Casey	Fennelly	1250
2676	Mendelsohn	Daniels	——

GARAGE
(2530) 2626 ASHBY AVE., Berkeley. Garage.
Owner—H. L. Gilkey, prem.
Architect—None. $1000

DWELLING
(2531) 1704 CATALINA, Berkeley. 1-story 5-room dwelling.
Owner—P. S. W. Ramsden, 6082 Claremont Ave., Oakland.
Architect—None.
Contractor—J. L. Rankin, 6082 Claremont Ave., Oakland. $3500

DWELLING
(2532) 1031 MERCED, Berkeley. 1-story 6-room dwelling.
Owner—I. W. Button, 347 63rd St., Oakland.
Architect—None. $5000

DWELLING
(2533) 708 NEILSON, Berkeley. 1-story 5-room dwelling.
Owner—W. F. Snyder, 1515 Josephine, Berkeley.
Architect—None.
Contractor—S. R. Coffee, 1835 Delaware St., Berkeley. $3000

FACTORY
(2534) FIFTH ST. AND SNYDER Ave., Berkeley. Factory.
Owner—Hall Scott Motor Co., prem.
Architect—None.
Contractor—Austin Co. of Cal., Santa Fe Bldg., S. F. $18,380

DWELLING
(2535) VICENTE ROAD, Berkeley. 2-story 10-room dwelling.
Owner—H. G. Simpson, 2622 Dana St., Berkeley.
Architect—None.
Contractor—S. J. Bertelsen, 30 Estrella Ave., Piedmont. $12000

DWELLING
(2536) E FIFTY-NINTH AVE. 40 N Braun, Oakland. 1-story 5-room dwelling.
Owner—W. E. Frisbie, 623 27th St., Oakland.
Architect—None.
Contractor—C. W. Glantz, 4122 E-14th St., Oakland. $4000

ALTERATIONS
(2537) 5729 COLLEGE AVE., Oakland. Alterations.
Owner—A. C. Shanon, prem.
Architect—None.
Contractor—J. W. Monroe, 5538 Claremont Ave., Oakland. $1000

STORES
(2538) 3232-36 GROVE ST., Oakland. 1-story 2-room stores.
Owner—A. A. Richard.
Architect—None.
Contractor—A. Meyer, 3139 Ellis St., Berkeley. $3000

DWELLING
(2539) S HAYES BET. 62ND AND 64th Ave., Oakland. 1-story 5-room dwelling.
Owner—O. Hagland and O. Halverson, 2027 Linden St., Oakland.
Architect—None. $3000

DWELLINGS
(2540) 2903-05-09 HOPKINS, Oakland. Three 1-story 3-room dwellings.
Owner—M. M. Handy, 2901 Hopkins St., Oakland.
Architect—None. $2500 each.

DWELLING
(2541) SE COR. MADELINE AND Hilliren, Oakland. 1-story 4-room dwelling.
Owner—Chris A. Neddersen, San Jose.
Architect—None.
Contractor—F. S. Taylor. $2500

OFFICE
(2542) E MARKET ST. 25 S ST., Oakland. 1-story brick office and laboratory.
Owner—P. G. & E. Co., 17th and Clay Sts., Oakland.
Architect—None. $3500

DWELLING
(2543) 538 MIRA VISTA AVE., Oakland. 1-story 6-room dwlg.
Owner—J. P. Mulhern, 2943 Chestnut St., Oakland.
Architect—None.
Contractor—L. A. Peters, 3485 Davis St., Oakland. $5000

DWELLING
(2544) N ROSEMONT RD., 269 E Verada Rd., Oakland. 2-story 6-room dwelling.
Owner—Clyde L. Chamblin, 1913 Market St., Oakland.
Architect—None.
Contractor—Fowler Mallett, Acheson Bldg., Berkeley. $9750

DWELLING
(2545) SW COR. SIXTY-FIFTH AVE. and Avenal, Oakland. 1-story 5-room dwelling.
Owner—Arthur L. Coates, 7225 Lockwood, Oakland.
Architect—None.
Contractor—R. W. Koch, Central Bank Bldg. Fruitvale, Oakland. $3000

STORE ROOM
(2546) E THIRTY-SIXTH AVE. 95 S E-14th St., Oakland. 2-story frame store room.
Owner—Eureka Mill & Lbr. Co., 3615 E-15th St., Oakland.
Architect—None. $1600

DWELLING
(2547) 721 E-TWENTY-SECOND ST., Oakland. 1-story 3-room dwlg.
Owner—Eliza P. Meier, 1125 Cottage Ave., Oakland.
Architect—None. $1800

STORES, FLATS
SE COR. FOOTHILL BLVD. AND Fairfax Ave. 2-story 5-room stores and flats.
Owner—Mrs. Jesse Garns, 5466 Princeton, Oakland.
Architect—None.
Contractor—J. F. Maganini, 603 36th St. Oakland. $12,400
NOTE—Recorded contract reported May 8, 1924, No. 2527.

FACTORY
(2549) SW COR. FOURTH AND CLAY Sts. W 75 S 50, Oakland. All work for 2-story class C factory and warehouse.
Owner — John Hansen, 321 Clay St., Oakland.
Architect—None.
Contractor—W. Spivock, 576 Guerrero St., S. F.
Filed May 8, 1924. Dated May 5, 1924.
Con. poured to 2nd floor level.....¼
Roof on .....¼
Completed .....¼
Usual 35 days .....¼
TOTAL COS,T $11,500
Bond, $5500. Sureties, J. Scherman. Forfeit none. Limit, 40 days. Plans and specifications filed.

STORAGE BLDG.
(2548) ENCINAL TERMINAL, Alameda. All work for 1-story con., frame and cor. iron storage bldg.
Owner — Alaska Packers Association, 111 California St., S. F.
Architect — Philip L. Bush, 101 California St., S. F.
Contractor—H. J. Christensen, 505 17th St., Oakland.
Filed May 8, 1924. Dated May 7, 1924.
¼ mass conc. in place.....$1250
½ mass conc. in place 1250
¾ mass conc. in place 1250
All mass conc. in place 1250
¼ floor in place..... 2800
½ floor in place 2800
¾ floor in place 2800
All floor in place 2800
Block roadways in place..... 6500
¼ trusses up 3000
½ trusses up 3000
¾ trusses up 3000
All trusses up 3000
¼ roof and wall frame c..... 3000
½ roof and wall frame c..... 3000
¾ roof and wall frame c..... 3000
All roof and wall frame c..... 3000
½ sheet metal in place..... 1390
All sheet metal in place..... 1300
½ mill work in place..... 3500
All mill work in place..... 3500
½ painted 1300
All painted 1300
½ glazed 800
All glazed 800
Plumbing com. 2250
Completed and accepted 14760
36 days after 25840
TOTAL COST, $103,550
Bond, $103,500. Sureties, U. S. Fidelity and Guarantee Co. Forfeit, $100.00 per day. Limit, 120 days. Plans and specifications filed.

STORE
(2550) E TELEGRAPH AVE. running through Broadway bet. 16th and 17th Sts., Oakland. All work for concrete and frame store bldg.
Owner—William G. Gilmour, 801 Oakland Bank Bldg., Oakland.
Architect—Reed & Corlett, Oakland Bank of Savings Bldg., Oakland.
Contractor—Barrett & Hilp, 918 Harrison St., S. F.
Filed May 8, 1924. Dated May 7, 1924.
1st day each month 75%
Usual 35 days 25%
TOTAL COST, $17,500
Bond, sureties, forfeit, none. Limit, 80 days. Plans and specifications filed.
NOTE—Permit reported May 5, 1924, No. 2480.

DWELLING
(2551) 1136 CLARENDON CRESCENT Oakland. 1½-story 7-room dwlg.
Owner—P. E. Woodburn, 624 Prospect Ave., Oakland.
Architect—None. $6000

DWELLINGS
(2552) 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 and 15 E 57th Ave. 108 N Noble St., Oakland. Twelve 1-story 2-room dwellings.
Owner—Blackstone & Eaton, 2001 E-27th St., Oakland.
Architect—None. $700 each

DWELLING AND STORES
(2553) N E-FOURTEENTH ST. 300 E 52nd Ave., Oakland. 1-story 6-room dwelling and stores.
Owner—C. J. Smith, 5222 E-14th St., Oakland.
Architect None. $4000

DWELLING
(2554) SE COR. HAMPEL AND LINWOOD, Oakland. 1-story 7-room dwelling.
Owner—R. T. Baxter, 1627 Excelsior Ave., Oakland.
Architect—None. $6500

DWELLING
(2555) N MAPLE AVE. 140 W Carmel, Oakland. 1-story 4-room dwlg.
Owner—Robert Boston, 4001 Maple Ave. Oakland.
Architect—None. $1500

DWELLING
(2556) S MONADNOCK WAY 150 E Avenal, Oakland. 1-story 5-room dwelling.
Owner—J. L. Beal, 7826 Ash St., Oakland.
Architect—None. $4000

ALTERATIONS
(2557) SW COR. NINTH AND WASHington Sts., Oakland. Alterations.
Owner—Schultz Estate, prem.
Architect—None.
Contractor—F. T. Kennedy, 434 9th St., Oakland. $3500

DWELLINGGS
(2558) N OLIVER AVE. 116, 156, 196, 236, 276 W Stanley Rd., Oakland. Five 1-story 4-room dwellings.
Owner—C. W. Boden, Syndicate Bldg., Oakland.
Architect—F. H. Slocombe. $1500 each.

DWELLING
(2559) W 103RD AVE. 150 N Sunnyside, Oakland. 1-story 4-room dwelling.
Owner—Mrs. M. Murphy.
Architect—None.
Contractor — D. E. Shade, 1422 102nd Ave., Oakland. $1800

DWELLING
(2560) 4864 PARK BLVD., Oakland. 1-story 6-room dwelling.
Owner—Mrs. H. McCashlen, 715 Hillgirt Circle, Oakland.
Architect—None.
Contractor — A. F. Marshall, 1424 Franklin St., Oakland. $6500

ALTERATIONS
(2561) 2457 RAWSON AVE., Oakland. Alterations and additions.
Owner—Mrs. W. O. Bain, 2957 Rawson Ave., Oakland.
Architect—None.
Contractor — Hamilton Bros., 5365 Wentworth Ave., Oakland. $3500

DWELLING
(2562) 9508 THERMAL AVE., Oakland. 1-story 4-room dwelling.
Owner—R. A. Smith, 1557 82nd Ave., Oakland.
Architect—None. $2950

STUDIO & DWLG.
(2563) CEDAR STREET, Berkeley. 1-story 3-room studio and dwlg.
Owner—Mrs. Grace Lee, Scenic Ave., Berkeley.
Architect—None.
Contractor—J. F. Altermatt, 1911 Walnut, Berkeley.
Filed May 9, 1924. Dated May 2, 1924.
Frame up ..... ¼
Brown coated ..... ¼
Completed ..... ¼
Usual 35 days ..... ¼
TOTAL COST, $3500
Bond, sureties, none. Forfeit, $1.50 per day. Limit, 120 days from May 5, 1924. Plans and specifications filed.
NOTE—Permit reported May 7, 1924, No. 2485.

EXCAVATING, ETC.
(2564) S 21ST OR HOBART ST. 678-6 W Telegraph Ave., S 220 W 37-6 N 222-3 E 37-6, Oakland. All work for excavating and shoring for substation.
Owner—P. G. & E. Co., 17th and Clay Sts., Oakland.
Architect—None.
Contractor—J. Catucci, 1212 18th Ave., Oakland.
Filed May 9, 1924. Dated May 3, 1924.
Completed 75%
36 days after 25%
TOTAL COST—$3000 plus 35c sq. ft. for bulkheading.
Bond, $1500. Sureties, Fidelity & Casualty Co. Forfeit, none. Limit, 15 days. Plans and specifications filed.

DWELLING
(2565) 160 ARBOR DRIVE, Piedmont. 1-story 6-room dwelling and garage.
Owner—C. J. Smith.
Architect—None.
Contractor—Leo J. Dolan, 1440 Broadway, Oakland. $5550

DWELLING
(2566) 79 FAIRVIEW AVE, Piedmont. 1-story 6-room dwelling and garage.
Owner—C. J. Pfrang, 480 Forest, Oakland.
Architect—None.
Contractor—C. J. Pfrang, 480 Forest, Oakland. $8000

DWELLING
(2567) 1328 GRAND, Piedmont. 1-sto. 6-room dwelling.
Owner—Frank O. Lilyenberg.
Architect—None.
Contractor — Val. Sommarstrom, 109 Sunnyside Ave., Piedmont. $5200

DWELLING
(2568) 200 HIGHLAND AVE, Piedmont. 2-story 6-room dwelling and garage.
Owner—W. W. Burris, 4247 Telegraph Oakland.
Architect—None.
Contractor—E. T. Henderson, 5744 Keith Ave., Oakland. $6000

ALTERATIONS
(2569) 220 HILLSIDE AVE., Piedmont Alterations.
Owner — Major W. S. Overton, 220 Hillside, Piedmont.
Architect—None.
Contractor — Walter Sorenson, 3221 Ellis, Piedmont. $5000

DWELLING
(2570) 110 LA SALLE, Piedmont. 2-story 7-room dwelling and garage
Owner—H. F. Vincent, 491 Staten Ave., Oakland
Architect—None.
Contractor—E. F. Henderson, 5744 Keith Ave., Oakland. $10,000

DWELLING
(2571) 88 PORTSMOUTH RD., Piedmont. 1-story 5-room dwelling and garage.
Owner—J. Norton and A. Grevstad.
Architect—None.
Contractor—J. Norton and A. Grevstad $5500

OFFICE
(2572) FOOT EIGHTY-FIFTH AVE., Oakland. 1-story brick office.
Owner—Pac. Malleable Casting Co.
Architect—None.
Contractor—Geo. Peterson, 351 12th St., Oakland. $4000

DWELLING
(2573) W EIGHTY-FIRST AVE. 200 N Plymouth St., Oakland. 1-story 4-room dwelling.
Owner—R. C. Robertson, 1491 McAllister St., Oakland.
Architect—None. $2200

ELEC. SIGN
(2574) SW CORNER ELEVENTH & Broadway;
SW CORNER ELEVENTH AND Washington, Oakland. Elec. sign and roof sign.
Owner—David N. Schneider, 1205 Oakland Ave., Piedmont.
Architect—None.
Contractor—Nat. Elec. Sign Co 510 18th St., Oakland. $1750 each

DWELLING
(2575) S HOLLY ST. 100 W 92nd Ave. Oakland. 1-story 5-room dwelling.
Owner—John Bletch, 1445 92nd Ave., Oakland.
Architect—None.
Contractor—A. T. Anderson, 2248 62nd Ave., Oakland. $3000

DWELLING
(2576) N HOME PLACE WEST 200 W Cottage, Oakland. 1-story 5-room dwelling.
Owner—Clarence H. Thranis, 529 32nd St., Oakland.
Architect—None. $3700

DWELLING
(2577) E SIXTIETH AVE 120 N Brann Oakland. 1-story 5-room dwelling.
Owner—Lester J. Watson, 3027 60th Ave., Oakland.
Architect—None. $3000

ALT & REPAIRS
(2578) SW COR. THIRTY-NINTH Ave. and E-14th St., Oakland. Alterations and repairs.
Owner—J. Joseph.
Architect—None.
Contractor — J. B. Petersen, 2053 38th Ave., Oakland. $3000

ALTERATIONS
(2582) 1839 ALAMEDA, Alameda. Alterations.
Owner—Mrs. Pierce Lonergan, premises
Architect—None.
Contractor—Chas. Mac Rae, 1091 Park Ave., Alameda. $1000

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY
(THE SAN FRANCISCO BANK)
SAVINGS COMMERCIAL
INCORPORATED FEBRUARY 10th, 1868.
One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.
Member Associated Savings Banks of San Francisco
526 California Street, San Francisco, Cal.
DECEMBER 31st, 1923
Assets $89,174,468.57
Capital, Reserve and Contingent Funds 3,850,000.00
Employees' Pension Fund 430,275.37
MISSION BRANCH ..... Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH ..... Clement St. and 7th Ave.
HAIGHT STREET BRANCH ..... Haight and Belvedere Streets
WEST PORTAL BRANCH ..... West Portal Ave. and Ulloa St.
Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

DWELLING
(2583) 3215 BRIGGS, Alameda. 1-story 3-room dwelling.
Owner—A. N. Prior, premises.
Architect—None. $1000

WAREHOUSE
(2584) BUENA VISTA AVE. between Sherman & Grand St., Alameda. Dock warehouse.
Owner — Alaska Packers Assn., 111 Calif. St., San Francisco.
Architect—None. $115,000

DWELLING
(2585) 2125 CENTRAL AVE., Alameda 1-story 5-room dwelling.
Owner—W. Steinmetz, 2422 Webb Ave. Alameda.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. $6450

DWELLINGS
(2586) 315 317 321 323 327 CENTRAL Ave., Alameda. Five 1-story 5-rm. dwellings.
Owner—Hally & Co., 2315 Santa Clara Ave., Alameda.
Architect—None.
Contractor — Jos. Ventri, 9507 A St., Oakland. $4000 each

ADDITION
(2587) 2524 NOBLE AVE., Oakland. Addition.
Owner—J. H. Hauschild, premises.
Architect—None.
Contractor—Hammond & Cook, 2709 Central Ave., Alameda. $1425

GARAGE
(2588) PARK ST. Adjoining fire house Alameda. Garage.
Owner—C. Siem 1512 Park St., Alameda
Architect—None.
Contractor—H. G. Malley. $3000

ADDITION
(2589) 2055 PACIFIC AVE., Alameda. Addition.
Owner—A. A. Marteli, 2057 Buena Vista Alameda.
Architect—None.
Contractor—M. Kruse, 1532 Willow St., Alameda. $1800

DWELLING
(2590) 777 PACIFIC AVE., Alameda. 1 story 5 room dwelling
Owner—R. H. Noy, 909 Pacific Ave., Alameda.
Architect—None.
Contractor—Len Richards, 1614 Bay St., Alameda. $3300

DWELLING
(2591) 1301 PEARL, Alameda; 1-story 6 room dwelling.
Owner A. Anderson, 2109 Pacific Ave. Alameda.
Architect—None.
Contractor — J. H. Rockingham, 1433 Grand St., Alameda. $3900

FLATS & STORES
(2592) 849-51 SANTA CLARA AVE., Alameda. 2-story 10-room flats and stores.
Owner—Mrs. W. G. Griffin, 925 Santa Clara, Alameda.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. $11,836

ALTERATIONS
(2593) 1566 SANTA CLARA AVENUE, Alameda. Alterations.
Owner — Grace S. Wedemeyer, 2617 Buena Vista, Alameda.
Architect—None.
Contractor — M. M. Bacegalupi, 1312 Fountain St., Alameda. $4000

ADDITION
(2594) 624 TAYLOR AVE., Alameda. Addition.
Owner—Pucci.
Architect—None.
Contractor—A. T. Spence, 641 Taylor Ave., Alameda. $1400

DWELLING
(2595) 1146-48 VERSAILLES AVE., Alameda. 1-story 4-room duplex dwelling.
Owner—Joseph Camicia 1144 Versailles Alameda.
Architect—None.
Contractor—Geo. W. King, 2054 Alameda Ave., Alameda. $6380

DWELLING
(2596) 1031 VERSAILLES, Alameda. 1-story 6-room dwelling.
Owner—G. H. Noble, 1336 Park St., Alameda.
Architect—None. $3500

DWELLING
(2597) 2712 WASHINGTON, Alameda. 1-story 7-room dwelling.
Owner — G. H. Noble, 1336 Park St., Alameda.
Architect—None. $5000

ALTERATIONS
(2598) 1541 WEBSTER ST., Alameda. Alterations.
Owner—Frank Hally & Co., 2315 Santa Clara Ave., Alameda.
Architect—None.
Contractor—Conrad Roth, Hayward $1500

DWELLING
(2579) LOT 7 BARNES' ADDITION to Elmwood Park being N Ashby Ave. 360-58 E Pine Ave., Berkeley. 2-story dwelling and garage.
Owner—Dr. C. J. and Grace J. Frederick, 2725 Prince, Berkeley.
Architect—Wythe, Blaine & Olson, 1418 Broadway, Room 514, Oakland.
Contractor—Chas. H. Lawrence, 5321 Lawton Ave., Oakland.
Filed May 10, 1924. Dated May 5, 1924.
Frame up .....¼
Brown coated .....¼
Completed and accepted .....¼
Usual 35 days .....¼
TOTAL COST, $13,388.
Bond, $6,694. Sureties, Matilda Lawrence and Martha A. Clancy. Forfeit, none. Limit, 90 days. Plans and specifications filed.

STORE
(2580) N. E. FOURTEENTH ST. 40 E 34th Ave., E 38 N 90 E 32 N 53 W 33 S 34 W 47½ S 40 E 10 S 60, Oakland. All work for 1-story store building.
Owner—Elizabeth P. and Charlles M. Wood, Syndicate Bldg., Oakland.
Architect—Edw. T. Foulkes, 357 12th St., Oakland.
Contractor—J. H. Pedgrift, 4100 Broadway, Oakland.
Filed May 10, 1924. Dated May 7, 1924.
10th day each month 75%
Usual 35 days 25%
TOTAL COST, $13,678
Bond, $6839. Sureties, Union Indemnity Co. Forfeit, none. Limit, 60 days. Plans and specifications filed.

CLUB HOUSE
(2581) PIEDMONT AVE NEAR BANCROFT Way, Berkeley. Club house.
Owner—The Bachelordon Building Association.
Architect—Reed & Corlett, Oakland Bk Bldg., Oakland.
Contractor—A. Cederborg, 1445 Excelsior Blvd., Oakland.
Filed May 10, 1924. Dated May 9, 1924.
10th each month 75%
Usual 35 days 25%
TOTAL COST, $25,484
Bond, Forfeit, none; Limit, Sept. 1; Plans and specifications filed.

DWELLING
(2599) 2304 ACTON, Berkeley. 1-story 4-room dwelling.
Owner John Solamen, 1610 Woolsey Berkeley.
Architect—None. $2000

DWELLING
(2600) 1650 ARCH ST., Berkeley. 1-story 5-room dwlg.
Owner—J. P. Brownlee, 1650 Arch St., Berkeley.
Architect—None.
Contractor—G. Johanson, 1357 Northside Ave., Berkeley. $4500

APARTMENTS
(2601) 1525 ARCH ST., Berkeley. 2-story 24 rooms, apartments.
Owner—Joseph Davis, 2008 Bancroft Way, Berkeley.
Architect — W. H. Ratcliff Jr., Mercantile Trust Bldg., Berkeley.
Contractor—J. P. Brennan, 1519 Hearst Ave., Berkeeley. $26,500

DWELLING
(2602) 2235 BROWNING, Berkeley. 1-story 4-room dwelling.
Owner—V. W. Williams, 2122 Curtis St., Berkeley.
Architect—None. $2250

ALTERATIONS
(2603) 2231 BYRON, Berkeley. Alterations and additions.
Owner—E. Erecsan, premises.
Architect—None.
Contractor — Lundgren, 2334 Curtis, Berkeley. $2500

DWELLING
(2604) 1643-7 CALIFORNIA, Berkeley. 1-story 3-room duplex dwlg.
Owner—Rita Warford, 2261 Shattuck Ave., Berkeley.
Architect—None.
Contractor—F. F. Ingram, 1956 University Ave., Berkeley. $4500

FLATS
(2605) 2629-91 CEDAR, Berkeley. 2-story 10-room flats.
Owner—C. B. Crane, 2695 Cedar St., Berkeley.
Architect—None. $7000

DWELLING
(2606) 1211 CEDAR ST., Berkeley. 1-story 5-room dwlg.
Owner—Julius Angella, 1440 5th St., Berkeley.
Architect—None. $2400

DWELLING
(2607) 917 CHANNING, Berkeley. 1-story 3-room dwelling.
Owner—Chas. A. Ahlgren, 907 Channing, Berkeley.
Architect—None. $1800

DWELLING
(2608) 1520 EUCLID, Berkeley. 2-story 9-room dwlg.
Owner—Aubrey Drury, 1520 Euclid Ave Berkeley.
Architect—John Galen Howard, First National Bank Bldg., S. FF.
Contractor—H. McCullough & Son, 1641 Allston Way, Berkeley. $9000

DWELLING
(2609) 1744-6 FRANCISCO, Berkeley. 1-story 8-room duplex dwelling.
Owner—D. T. Blethroad, 1451 Henry St. Berkeley.
Architect—None. $5000

DWELLING
(2610) 1529 FRANCISCO, Berkeley. 1-story 6-room dwelling.
Owner — G. R. Blasingame, 3700 San Juan St., Oakland.
Architect—None. $5000

APARTMENTS
(2611) 2423 HILGARD, Berkeley. 2-story 16-room apartments.
Owner — Wm. Morison, 4155 Emerald St., Oakland.
Architect—None.
Contractor — McWethy & Greenleaf, 2910 Telegraph Ave., Oakland. $16,000

DWELLING
(2612) 143 HILLCREST, Berkeley. 2-story 7-room dwelling.
Owner—F. R. and Ruth Greig, 1741 Bancroft Way, Berkeley.
Architect—None.
Contractor—Robert Greig, 1745 Bancroft Way, Berkeley. $7000

DWELLING
(2613) 1418 LE ROY, Berkeley. 2-story 8-room dwelling.
Owner — Ira B. Cross, 111 Shasta, Berkeley.
Architect—W. T. Sleiberg, 1 Orchard Lane, Berkeley.
Contractor—Tranmal & Bradhoff, 911 55th St., Oakland. $12000

DWELLINGS
(2614) 1237 AND 1239 ORDWAY, Berkeley. Two 1-story 4-room dwellings.
Owner—A. J. Pollard, 77 Plaza Drive, Berkeley.
Architect—None. $2000 each

DWELLING
(2615) 1403 PARKER ST., Berkeley. 1-story 5-room dwelling.
Owner—J. M. Gayner, 374 35th, Oakland.
Architect—None.
Contractor—H. L. Hayden, 351 12th St., Oakland. $3500

DWELLING
(2616) 1833 SAN RAMON, Berkeley. 2-story 8-room dwelling.
Owner—Alvin Roy Gordon.
Architect—None.
Contractor—E. Bigelow, 2234 Atherton St., Berkeley. $7500

DWELLING
(2617) 2225 SIXTH STREET, Berkeley. 1-story 4-room dwelling.
Owner—C. Caretto, 2221 8th St., Berkeley.
Architect—None. $3600

DWELLING
(2618) 1510 TYLER ST., Berkeley. 1-story 5-room dwelling.
Owner—Fred Zerwer, 11508 Tyler St., Berkeley.
Architect—None. $1900

DWELLINGS
(2619) 1823 AND 1827 YOSEMITE, Berkeley. Two 1-story 6-room dwellings.
Owner—W. S. Wood, 2029 Shattuck, Berkeley.
Architect—None.
Contractor — Berkeley Building Co., 2029 Shattuck, Berkeley. $4500 each

APARTMENTS
(2620) SE COR. DAVIS & FRUITVALE, Oakland. 2-story 12-room apartments.
Owner—M. P. Brasch, 392 17th St., Oakland.
Architect—None. $9000

DWELLINGS
(2621) NW COR. DELAWARE AND Maple, N Delaware St., 40 W Maple Two 1-story 5-room dwellings.
Owner—Thos. J. Fee, 2375 Fruitvale Ave., Oakland.
Architect—None. $4000

DWELLING
(2622) S E-STREET, 35 E 98TH AVE., Oakland. 1-story 4-room dwlg.
Owner—E. J. Elliott.
Architect—None.
Contractor—G. E. Nickerson, 1090 98th Ave., Oakland. $2000

DWELLING
(2623) E HAVENSCOURT BLVD., 400 N Arthur, Oakland. 1-story 8-room 2-family dwellings.
Owner—S. Roznouski, 208 Valencia St., San Francisco.
Architect—None. $6000

ADDITION
(2624) 4172 HOWE STREET, Oakland Audition.
Owner—D. Overton, 4176 Howe St., Oakland.
Architect—None. $3000

DWELLING
(2625) S LIESE AVE. 200 E 38TH AVE Oakland. 1-story 4-room dwlg.
Owner—Clara C. Bryant, 481 34th, Oakland.
Architect—None.
Contractor—H. F. Allen, 1615 83rd Ave., Oakland. $3000

DWELLING
(2626) NE COR. MAGEE & WASHINGton, Oakland. 1-story 4-room dwlg
Owner—J. M. Ives, 3318 Foothill Blvd., Oakland.
Architect—None. $1500

DWELLING
(2627) E 92ND AVE. N PEACH ST., Oakland. 1-story 4-room dwlg.
Owner—S. A. Wheeler, 1109 Madison St., Oakland.
Architect—None. $3000

DWELLINGS
(2628) 2159 108TH AVE. AND 2129 109th Ave., Oakland. Two 1-story 5-room dwellings.
Owner—T. J. McCord, 4741 E-14th St., Oakland.
Architect—None. $3000 each

DWELLINGS
(2629) 2222 AND 2228 106TH AVE., Oakland. Two 1-story 5-room dwellings.
Owner—T. J. McCord, 4741 E-14th St., Oakland.
Architect—None. $3000 each.

DWELLING
(2630) S POTTER ST. 201 E FAIRfax Ave., Oakland. 1-story 6-room dwelling.
Owner — Ermelinda B. Pereira, 2454 Potter St., Oakland.
Architect—None.
Contractor—Jos. A. Pereira. $3500

DWELLING
(2631) SW COR. PRESSLY WAY AND Chabot Rd., Oakland. 1-story 7-room dwelling.
Owner—W. W. Nichols, 2729 Derby St., Berkeley.
Architect—None.
Contractor—D. S. Blethroad, Berkeley. $6500

ADDITION
(2632) 2030 THIRTY-FOURTH AVE., Oakland. Addition.
Owner—E. Elrod, premises.
Architect—None. $1500

DWELLING
(2633) SW WISCONSIN ST. 40 W Patterson, Oakland. 1-story 4-room dwelling.
Owner—R. L. Moon, 3941 Patterson, Oakland.
Architect—None. $2000

FLATS
(2634) E OF NO. 2828 PRINCE ST., 44 x —, Berkeley. All work for 2-story flats.
Owner — Mrs. Carrie Donnelley, 2729 Stuart St., Berkeley.
Architect—Carl R. Schmidts, 2524 Milvia St., Berkeley.
Contractor—F. W. Thaxter, 86 El Camino Real, Berkeley.
Filed May 12, 1924. Dated Apr. 28, 1924.
Roof sheathed $1751
Brown coated 1751
Finish on 1751
Completed and accepted 1752
Usual 35 days 2335
TOTAL COST, $9340
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.
NOTE—Permit reported May 3, 1924, No. 2442.

APARTMENTS
(2635) E ARCH ST. BET. VINE AND Cedar Sts., Berkeley. All work for 2-story apartments.
Owner—Joseph Davis.
Architect—W. H. Ratcliff, Jr., 55 Roble, Berkeley.
Contractor—J. P. Brennan, 1519 Hearst Berkeley.
Filed May 12, 1924. Dated May 12, 1924.
Frame up .....¼
Brown coated .....¼
Building accepted .....¼
Usual 35 days .....¼
TOTAL COST, $29,840.00
Bond, $14,920.00. Sureties, Fidelity & Deposit Co. Forfeit, $5.00 per day. Limit, 90 days. Plans and specifications filed.

DWELLING
(2636) NO. 2325 LE CONTE, Berkeley. Two-story 6-room dwelling.
Owner—Orrin K. McMurray, Hillegass Apts., Berkeley.
Architect — Bernard Maybeck, Lick Bldg., San Francisco.
Contractor—Ben Pearson, 2403 Grant St., Berkeley. $10,214

DWELLING
(2637) E EIGHTY-FIRST AVE. 80 S Plymouth St., Oakland. 1-story 5-room dwelling.
Owner—John Shrader.
Architect—None.
Contractor—W. F. Sand, 2724 School St., Oakland. $3600

DWELLING
(2638) 4917 FAIRFAX AVE., Oakland. 1-story 5-room dwelling.
Owner—R. Brodovski, 4900 Congress Ave., Oakland.
Architect—None. $2700

DWELLINGS
(2639) S FLEMING 681, 725, 768, 812 W 55th Ave., Oakland. Four 1-story 5-room dwellings.
Owner—Alameda County Home Builders, St. Marks Hotel, Oakland.
Architect—None. $4000 each.

DWELLING
(2640) S FLEMING 856 55TH AVE., Oakland. 1-story 6-room dwelling.
Owner—Alameda County Home Builders, St. Marks Hotel, Oakland.
Architect—None. $5000

APARTMENTS
(2641) SE COR. FORTY-NINTH AND Webster St., Oakland. 2-story 16 rooms, apartments and garage.
Owner—A. Cardoni, 685 2nd, Oakland.
Architect—None.
Contractor—Calif. Builders Co., 1636 Franklin St., Oakland. $13,500

DWELLING
(2642) S MERA ST. 80 E 41ST AVE., Oakland. 1-story 5-room dwlg.
Owner—Theo. C. Casha, 1239 40th Ave., Oakland.
Architect—None. $3500

DWELLING
(2643) 1386 NINTIETH AVE., Oakland. 1-story 4-room dwlg.
Owner—Jas. L. Rich, 743 Hillgirt Circle, Oakland.
Architect—None. $2000

DWELLING
(2644) E RHODA AVE. 170 N Hopkins, Oakland. 1-story 6-room dwelling.
Owner—N. Neirgard, 3621 Dimond Ave., Oakland.
Architect—None. $4000

ALTERATIONS
(2645) 535 E-SIXTEENTH ST., Oakland. Alterations and additions.
Owner—A. Joslyn, 502 E-16th St., Oakland.
Architect—None. $3000

DWELLING
(2646) E SIXTY-NINTH AVE. 500 S Weld, Oakland. 1-story 4-room dwelling.
Owner—Frank Freitas, 3635 E-14th St., Oakland.
Architect—None. $2000

DWELLING
(2647) E SEVENTY-NINTH AVE. 140 N Rudsdale Ave., Oakland. 1-story 4-room dwelling.
Owner—G. E. Miller, 7217 Lockwood St., Oakland.
Architect—None.
Contractor—C. B. Stanley, 1507 50th Ave., Oakland. $2000

DWELLING
(2648) SE COR. TENTH AVE. AND E-19th St., Oakland. 1-story 6-room dwelling.
Owner—L. H. La Croip, 302 12th St., Oakland.
Architect—None.
Contractor—T. N. Tupper, 2310 Russell St., Berkeley. $4800

DWELLING
(2649) NW COR. E-38TH AND LINwood Sts., Oakland. 1-story 5-room dwelling.
Owner—Carrie B. Fritz, 2816 Prince St., Berkeley.
Architect—None.
Contractor—David H. Fritz, 2816 Prince St., Berkeley. $3500

DWELLING
(2650) E SIXTY-FIFTH AVE., 280 N Arthur, Oakland. 1-story 5-room dwelling.
Owner — P. Stovroupoulo, 2481 62nd Ave., Oakland.
Architect—None.
Contractor—P. S. Sherman, 318 Melvin St., San Leandro. $3000

DWELLING
(2651) LOT 9, BLOCK 9, DOMINGO Tract, Berkeley. All work for 1-story 4-room dwelling and garage.
Owner—Henry and Kathrine Blume.
Architect—None.
Contractor — C. M. Norgrove, 2220 Roosevelt St., Berkeley.
Filed May 13, 1924. Dated May 12, 1924.
Frame up $900
Brown coated 900
Completed and accepted 900
Usual 35 days 900
TOTAL COST, $3600.
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

DWELLING
(2652) LOT 9, MACKINNON PARK Tract, Piedmont. All work for 5-room dwelling and garage.
Owner—Adolph M. and Alberta C. Blum, 2270 San Jose Ave., Alameda.
Architect—None.
Contractor—Conrad Roth, Hayward.
Filed May 13, 1924. Dated Jan. 8, 1924.
Enclosed $1625
Brown coated 1625
Completed 1625
Usual 35 days 1625
TOTAL COST, $6500.
Bond, sureties, none. Forfeit, $2.00 per day. Limit, Jan. 10, 1924. Plans and specifications filed.
NOTE—Permit reported Jan. 11, 1924, No. 139.

ALTERATIONS
(2652) 1235 BONITA, Berkeley. Alterations.
Owner—J. H. Hutchinson.
Architect—None.
Contractor—Bert W. Hopp. $1000

DWELLING
(2653) 1369 BERKELEY WAY, Berkeley. Dwelling.
Owner—R. H. Bear and J. H. Lenfool.
Architect—None. $3500

ALTERATIONS
(2654) 2732 CHANNING WAY, Berkeley. Alterations.
Owner—Gamma Phi Beta, 2732 Channing Way, Berkeley.
Architect—None.
Contractor—Tranmal & Brodhoff, 483 Crescent, Oakland. $11,000

LODGE BLDG.
(2655) 895 COLUSA, Berkeley. 2-story lodge building.
Owner—Thousand Oaks Masonic Temple.
Architect—Paul L. Dregan.
Contractor—Larsen Siegrist Co., 34th Ave., Oakland. $26,000

ALTERATIONS
(2656) 1632 DELAWARE ST., Berkeley. Alterations.
Owner—John Nelson, 1918 Union, Ala.
Architect—None.
Contractor — John Nelson, 1918 Union Alameda. $1000

DWELLING
(2657) 1640 KAINS AVE., Berkeley. Dwelling.
Owner—Weaser.
Architect—None.
Contractor—W. A. Weaser. $3000

DWELLING
(2658) 1644 KAINS AVE., Berkeley. Dwelling.
Owner—W. A. Weaser.
Architect—None.
Contractor—W. A. Weaser. $3000

PLANING MILL
(2659) 1045 TOLGER AVE., Berkeley. Planing mill.
Owner—E. Seward, 1059 47th, Oakland.
Architect—E. Seward, 1059 47th, Oakland.
Contractor—J. B. Bishop, 811 Adams, Berkeley. $4000

ALTERATIONS
(2661) 1019 BROADWAY, Oakland. Alterations.
Owner—United Cigar Stores, San Francisco.
Architect — Murch-Williams, 308 Fox-Oakland Bldg., Oakland. $1885

ALTERATIONS
(2662) 402 FAIRMONT AVE., Oakland Alterations.
Owner—W. D. Moore, 402 Fairmont Ave., Oakland.
Architect—None.
Contractor—Moore & Fisher, 446 38th St., Oakland. $1000

DWELLING
(2663) 5720 FLEMING AVE., Oakland. 1-story 6-room dwelling.
Owner — C. R. Burks, 4129 Randolph Ave., Oakland.
Architect—None. $4500

FACTORY & HWSE.
(2664) SW COR. FOURTH & CLAY Sts., Oakland. 2-story concrete factory and warehouse.
Owner — John Hansen, 321 Clay St., Oakland.
Architect—None. $11,500

DWELLING
(2665) 5235 LAWTON AVE., Oakland. 1-story 5-room dwelling.
Owner—L. Razzaro, 5225 Boyd Avenue.
Architect—None.
Contractor — E. Campomenosi, 5238 Lawton Ave., Oakland. $4000

DWELLING
(2666) 5231 LAWTON AVE., Oakland. 1-story 5-room dwelling.
Owner—L. Ferraris, 5118 Lawton Ave., Oakland.
Architect—None.
Contractor — E. Campomenosi, 5238 Lawton Ave., Oakland. $4000

DWELLING
(2667) 3670 MAPLE AVENUE, Oakland. 1-story 5-room dwelling.
Owner—C. Adams, 3682 Maple Avenue, Oakland.
Architect—Matteson & Dorrance, 3095 Hopkins St., Oakland. $3500

DWELLINGS (2)
(2668) 3112-3118 MAXWELL AVE., Oakland. Two 1-story 5-room dwellings.
Owner—J. B. Peppin, 851 Trestle Glen Road, Oakland.
Architect—None.
$4000 and $4100

DWELLINGS (8)
(2669) 3018 - 24 - 30 - 3100 - 06 - 24 36 and 42 Maxwell Ave., Oakland. Eight 1-story 6-room dwellings.
Owner—J. R. Peppin, 851 Trestle Glen Road, Oakland.
Architect—None. $4400 each

DWELLINGS (2)
(2670) N OLIVER ST 236-276 W Stanley Ave., Oakland. Two 1-story 4-room dwellings.
Owner—C. W. Boden, Syndicate Bldg., Oakland.
Architect—None. $1500 ea.

ALTERATIONS
(2671) 4070 PIEDMONT AVE., Oakland. Alterations.
Owner—W. J. Hamilton, Moose Club, Oakland.
Architect—None. $2500

DWELLING
(2672) W 78TH AVE 520 S E-14TH St., Oakland. 1-story 5-room dwelling.
Owner—L. A. Dechaine, 1257 78th Av., Oakland.
Architect—None. $3000

DWELLING
(2673) E 61ST AVE 80 S EAST Lawn, Oakland. 1-story 5-room dwelling.
Owner—F. H. Henning, 1523 89th Ave., Oakland.
Architect—None. $2600

FLATS
(2674) 1539 & 1541 E-38TH STREET, Oakland. 2-story 10-room flats.
Owner—Elmer W. West, 4026 Brighton Ave., Oakland.
Architect—None. $8000

ALTERATIONS
(2675) 1555 34TH AVE., OAKLAND. Alterations.
Owner—John Casey, 1560 34th Avenue, Oakland.
Architect—None.
Contractor—J. D. Fennelly, 2910 E-22nd St., Oakland. $1250

APARTMENTS
(2676) N 12TH ST 100 W GROVE, Oakland. 3-story 39-room apts.
Owner—I. Mendelsohn, 1113 Broadway, Oakland.
Architect—Miller & Wamecke, 414 13th St., Oakland.
Contractor—A. Daniels, 2223 E-21st St., Oakland. $40,000

(2660) NE CORNER SOLANO AND Colusa Avenues. Grading and excavating, concrete work, lumber and mill, plumbing, electrical, sheet metal etc.
Owner—Thousand Oaks Masonic Temple Assn., Berkeley.
Architect — Larsen Siegrist Co., Inc., 34th Ave., Oakland.
Filed —. Dated May 14, 1924.

When exc. & grading done..	$4961.25
Frame up	4961.25
Plastering completed	4961.25
Completed and accepted	4961.25
Usual 35 days	4961.25
TOTAL COST,	$26,460

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

Bond, —; Sureties, Thomas J. Bennett and Albert W. Brown; Forfeit, none; Limit, 105 days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Amount

May 9, 1924—SE COR. I AND G STS. lt 79-7 S 110, Niles. Salvatore and E. Di Giulio to M. S. Foss..Apr. 3, '24

May 9, 1924—POR. LOT 2, ALL LOT 1, Blk. 1263, Map of Resubdivision por. Blk. N, Vernon Park, Oakland. Margaret Upton to A. J. Yerrick ..... May 1, 1924

May 9, 1924—LOTS 4 AND 5, BLK. 8, Map Electric Loop, Oakland. Fedele Difiore to A. E. Correia and C. L. Chappell ..... Apr. 19, 1924

May 9, 1924 — 1148 WALNUT ST., Berkeley. Mabel D. Cowen to John O. Weston ..... May 1, 1924

May 9, 1924—LOT 5 AND W 12½ Lot 6, Blk. 2, Chevrolet Park, Oakland. John N. Larson to whom it may concern..... May 8, 1924

May 9, 1924—2919 MABEL ST., Oakland. Albert H. Morgan Jr. to Charles Norgrove ..... May 5, 1924

May 9, 1924—1—LOT 18 AND NW 8⅔ Lot 17; 2—SE 16⅔ Lot 12 and NW 16⅔ Lot 16; 3—Lot 15 and SE 8⅓ Lot 16, Blk. Resub., Hollywood, San Leandro. Alder & Clark to whom it may concern..May 8, 1924

May 9, 1924—LOT 39 AND NE ½ Lot 38, Blk. 7, Map Havenscourt, Oakland. Elon F. Codde to L. A. Peters ..... May 9, 1924

May 9, 1924 — LOT 75 MAP OAKland Prospect Homestead, Oakland. Elmer W. West to whom it may concern ..... May 8, 1924

May 9, 1924—LOT 14 BLK. 2, Wheeler Tract, Berkeley. Sadie A. Wood to Roy O. Long Co...May 5, '24

May 9, 1924—2407 GRANT ST. Berkeley. August E. Anderson to John O. Weston ..... May 6, 1924

May 9, 1924—LOT 27 BLK. A, Map Linda Rosa Tract, Oakland. Gustave Vanden Berghe to J. B. Petersen ..... May 5, 1924

May 8, 1924—SE EIGHTEENTH AVE and E-16th St., Oakland. Andrew F Anderson to whom it may concern .....April 1, 1924

May 8, 1924—S B ST. 75 W Elmhurst Ave., Oakland. David Venucci to Wm McIntosh ..... May 1, 1924

May 8, 1924—LOT 47 and Ptn Lot 48 Blk 3, Havenscourt Tract, Oakland. Clesson A Rogers to whom it may concern ..... May 8, 1924

May 8, 1924—LOT 4 BLK "M" Map Oakland Highlands, Oakland. Herbert C Cameron to whom it may concern.....May 6, 1924

May 8, 1924—SW COR SEVENTY-seventh Ave. and Foothill Bvd., Oakland. L G Allis by M G Kendall to California Builders Co... .....May 5, 1924

May 7, 1924—NW FOOTHILL BLVD and Castro Valley Road, Eden Tp. R L Harris to whom it may concern .....

May 10, 1924—W MATHEWS 44-6 N Carleton N 44xW 80, Berkeley. Ralph P Wood to J E Solomon... .....Auril 17, 1924

May 10, 1924—NW CARLETON AND Mathews N 44-6xW 80, Berkeley. Ralph P Wood to J E Solomon... .....May 5, 1924

May 10, 1924—LOT 10 BLK 12 Map Daley Scenic Park, Berkeley. Jessie H Ross to John E Bigelow... .....May 8, 1924

May 10, 1924—LOT 8 BLK "I" Berkeley Heights, Berkeley. H F Hind to whom it may concern... .....May 9, 1924

May 9, 1924—S CHANNING WAY 285 E College Ave E 45xS 147.02, Berkeley. Alpha Gamma Delta Chapter House Co to Roberts Mfg. Co, May 6, 1924; W K Nottingham .....May 6, 1924

May 9, 1924—NO. 3678 MIDVALE AV, Oakland. William D Crane to C A Shipman .....May 9, 1924

May 12, 1924—PTN LOT 17 BLK B, Oak Tree Farm Tract, Oakland. W H and Sarah E Lovett to G R Butzbach & Son.....Apr. 28, 1924

May 12, 1924—LOT 47 Map Chabolyn Terrace, Oakland. Joseph Coward to whom it may concern..May 1, 1924

May 12, 1924—LOT 48 Map Chabolyn

Terrace, Oakland. Joseph Coward to whom it may concern..May 1, 1924
May 12, 1924—LOT 3, MacKinnon Park Tract, Piedmont. W J Baker to J Smith.....May 10, 1924
May 12, 1924—NO. 1045 TRESTLE Glen Road, Oakland. John and Ingeborg Nelson to Samuel Moe.....April 27, 1924
May 12, 1924—W FILBERT 200 N Thirty-second W 7.50 N 65-10¼ SW 100 SW 14-0½ E 125, Oakland. Van B De Myer to H J Christensen .....April 30, 1924
May 12, 1924—1717-1721 VIRGINIA, Berkeley. J Andersen to Jensen & Pedersen.....May 12, 1924
May 12, 1924—3900-3906 LAUREL Ave. and 3262, 3268 and 3274 California St., Oakland. Justus Norris to whom it may concern.May 10, 1924
May 12, 1924—LOTS 2 AND 32 BLK E, Northbrae Terrace, Berkeley. A H Pallen to whom it may concern.....May 8, 1924
May 12, 1924—LOT 5 BLK 30, Map of Town of Livermore. Louis Selvagi to whom it may concern..May 8, 1924
May 13, 1924—LOCATION NOT GIVen, Oakland. G. C. Speath by M. G. Kendall to California Builders Co. .....May 10, 1924
May 13, 1924—SW FOOTHILL BLVD. 188-69 SE 77th Ave. SW 62-69 SE 40 NE 75-46 NW 42-10, Oakland. E. W. Armstrong to whom it may concern .....April 13, 1924
May 13, 1924—S HARMON AVE. 200 W 62nd Ave., Oakland. Mary M. Hahnenfeld to whom it may concern .....May 12, 1924
May 13, 1924—W BROADWAY 250 N 17th St. N 50 W 168 S 51-10 E 154-6, Oakland. John F. and Charles L. Smith to Chas. W. Heyer, Jr. .....May 12, 1924
May 12, 1924—LOT 30 AND NE 10 Lot 29 Blk. 7, Havenscourt, Oakland. R. J. Ballew to whom it may concern .....May 10, 1924
May 14, 1924—NW NINETIETH AVE 50 NE Olive, Oakland. D Quilici to whom it may concern...May 12, 1924
May 14, 1924—LOTS 1 AND 2 BLK 17, Electric Loop Tract, Oakland. E T Glasgow to A Frederick Anderson .....May 12, 1924
May 14, 1924—SW WELD 94.33 NW 73rd Ave Ptn Lots 127 and 128 Map Greater Oak Co., Oakland. John McIntosh to whom it may concern .....May 12, 1924
May 14, 1924—NW FOURTEENTH Ave. 160 NE E-21st St., Oakland. Providenzia Angello to Various sub-contractors ..... May 10, 1924
May 14, 1924—2645 62nd Ave., 146-64/100 SW SW, Oakland. D. W. Parks to whom it may concern .....May 14, 1924
May 14, 1924 — LOTS 25 AND 26 Blk. S, Toler Heights, Oakland. A. E. Jordan to F. H. Cox.May 10, '24
May 14, 1924—LOT 8 VIEW TRACT, Oakland. S. Victor Davidow to whom it may concern..May 14, 1924
May 14, 1924 — LOT 65 MAP OF Oakland. Prospect Homestead, Oakland. Earl B. Leonard to whom it may concern.....May 14, 1924
May 13, 1924—LOT 10, BLK. A, Map of Armes Tract, Oakland. John M. Finney to Harry C. Knight.....May 9, 1924

LIENS FILED

ALAMEDA COUNTY

May 9, 1924—LOT 28, BLK. 3, Map Berkeley Spuare, Berkeley. Tilden Lumber Co. vs. H. K. Schulz and Henry P. Smith $409.77
May 8, 1924—LOTS 1 AND 2 BLK C Map Resbdvn D Blks E, F and G, Mary E Mortimer Addition to Niles. P A Smith Co vs M S Foss, Salvatore and Egezia De Gulio.....$185
May 8, 1924—LOT 8 BLK 3, Resbdvn Blks 9, 10, 11, 12, 13 and 14 and ptn Blk 16, Rockridge Terrace, Oakland. L Wm Stein vs Frank B and Mary H Knowlton and Interlocking Cement Tile Co.....$455.60
May 8, 1924—NW McGEE AVE AND Rose St. SW 48.22 NW 101.92 NE 47.84 SE to pt beg, Bkly. Cooley Hardwood Mfg Co vs H Dubnoff.....$159.15
May 8, 1924 — SW E-TWENTY-eighth and SE 11th Ave SW 121.20 xSE 55, Oakland. B W Harmon & H Nicolai (Melrose Sheet Metal Works) vs Geo M Merritt Bldg Co and Heraclio R and Margarite M Anonos $165
May 7, 1924—W MARKET 136-6 S Sixteenth S 50xW 250, Oakland. R V and C H Grigsby vs W F Banks, Jos Kann and Solomon Brown.....$52.50
May 12, 1924—PTN LOTS 14 AND 15 Map Templeton Tract, Oakland. W P Fuller & Co vs H Ananas.....$235
May 12, 1924—LOT 21 BLK C Map Lower Piedmont Park, Piedmont. A J Aaroe (New Way Plumbing Co) vs O A Tausheck.....$233.05
May 12, 1924—LOT 35 BLK. D, Map Lakeshore Hills, Oakland. Robert E Sheridan vs Earl Mallott, Chas Dickerson and Bertha Taylor.$116.85
May 12, 1924—LOT 23 Fuller & Todd Tract, Oakland. Lewis C Davis vs Grace E Hickok & M Strolief.$185.58
May 10, 1924—LOT 1 Map Santa Fe Tract No. 22, Oakland. Strable Hardwood Co vs E L Thompson.....$68.80

RELEASE OF LIENS

ALAMEDA COUNTY

East Piedmont Heights Extension. Redwood Manufacturers Co. to J. B. Sircy and K. L. Hamman..$340.00
May 8, 1924—LOT 21 BLK 2 Map Lakeshore Highlands, Okd. Redwood Manufacturers Co, $682.70; Smith Hardware Co, $105.16 to Leslie F Scherling and J B Sircy.
May 3, 1924—SW DALE PLACE 162 SE 38th Ave SE 29.88 SW 137.36 NW 44.16 NE 137.5, Oakland. Nelson Lumber Co to E C, C W and Add Kramer $464.36
May 12, 1924—N HEARST AVE. 180 W Milvia St., W 45 S 136-69, Berkeley. L. Johnson, $41; G. Weigel, $76.50; Tony Grubch, $72.; Gus Gustin, $68.; Chas. Oddone, $40; to F. H. Dam .....
May 13, 1924 — 5763 ADELINE ST., Oakland. T. H. Montgomery to E. L. Thompson $225
May 12, 1924—SW E-28TH AND W Vallecito Place NW 53-2 SW 46-8 SE 84-97⅓ N 56-45 5/6, Oakland. Roberts Mfg. Co. to Leo L. Nichols and Eloise V. Arends $80.50
May 12, 1924—SW E-28TH ST. & W Vallecito Place NW 53-2 SW 46-8 SE 84-97⅓ N 56-45 5/6, Oakland. George A. Johnson (General Mill & Lumber Co.) to Leo L. Nichols and Eloise Arends $97.92

Notice of Non-Responsibility

ALAMEDA COUNTY

May 8, 1924—SE 7-6 LOT 20, all Lot 21 and NW 10 Lot 22 Blk 14, Map Key Route Heights, Oakland. Alameda Investment Co as to improvements on property.....
May 9, 1924—NW COR. 13TH AND Franklin Sts., N 40-6, W 75, Oakland. Robert J. McMullen as to improvements on property .....

BUILDING CONTRACTS

SAN MATEO COUNTY

STORES, $23,000; LOTS 12 & 13 San Mateo Drive & Main St., Burlingame; owner, J. E. Casey, 23 Ellsworth, San Mateo; contractor, T. G. Broderick, 1528 Cypress, Burlingame.
BUNGALOW, $6000; Lot 28 Block 10, Burlingame Terrace. Farrington Rd., Burlingame; owner, Ed Baurne 735 Linden, Burlingame; contractor, C. L. Cavanaugh, 256 State St., San Mateo.
BUNGALOW, $4000; Lot 21 Blk 23, Easton No. 2, Burlingame; owner, E. T. Owsley; contractor, Cobby & Owsley.
DWELLING, 1½-story, $8000; Lot C Blk. 1 Pepper Rd, Burlingame; owner, Mr. and Mrs. H. Vollmer; contractor, W. J. Black, 1306 Guerrero St., San Francisco.
BUNGALOW, 1-story duplex, $7000; Lot H Blk 5 Florahunda Ave., Burlingame; owner, Wm. Rutherdale, 1129 Bernal Ave., Burlingame.
BUNGALOW, $6000; Lot 23 Blk 35, Burlingame; owner, J. W. Rutherdale, Pacific Realty Co., Burlingame.
GARAGE & BED ROOMS, $1200; North Side Donnelly, Burlingame; owner, K. Imgram; contractor, E. A. Olund
RESIDENCE, $4000; Lot 11 Blk 6 Sanchez Ave., Burlingame; owner, Frank R. O'Neill.
BUNGALOW and garage, $7365; Lot 10 Blk 21 Balboa Ave., Burlingame; owner, J. M. Lahar, 1124 EEartez, Burlingame; contractor, Thos. Gnesso, 1201 Vancouver Ave., Burlingame.
DWELLING and garage, $3600; Lot 30 Blk B, near D St., San Mateo; owner, Fred Johnson, Belmont.
RESIDENCE, $8000; Jor. 139 Clark Dr., San Mateo; owner, Mrs. C. Carlson, Oakland; contractor, F. W. Varney 860 Bush St., S. F.

DWELLING
N SIDE HOLLY ST 85 WEST OF Laurel St., San Carlos. All work for 5-room residence.
Owner—Mercantile Trust Co., 464 Cal. St., San Francisco.
Architect—None.
Contractor—E. E. Urch, San Carlos.
Filed May 1, 1924. Dated —.
Payments not given.
TOTAL COST, $3490
Bond, Forfeit, Limit, none; Plans and specifications filed.

DWELLING
E ½ LOT 23 Redwood City. All work for 1-story stucco dwelling.
Owner—Florence O. Stafford, Redwood City.
Architect—None.
Contractor—Ben Zimmerman, 797 Arguello, Redwood City.
Filed May 1, 1924. Dated May 1, 1924.
Completed and accepted.....$1648
Usual 35 days 1648
TOTAL COST $3296
Bond, Forfeit, Limit, None; Plans and specifications filed.

RESIDENCE
LOT 13 BLOCK 13 BURLINGAME Grove, Burlingame. All work for 1-story frame residence.
Owner—John H. Braurstedt.
Architect—None.
Contractor—The Larsen Bldg. Co., 1205 Broadway, Burlingame.
Filed April 30, 1924. Dated Apr 24, 1924.
Framed $1125
Plastered 1125
Comleted and accepted 1125
Usual 35 days 1126
TOTAL COST, $4501
Bond, Forfeit, Limit, none; Plans and specifications filed.

DWELLING
LOT 9 BLOCK A VERA AVE VILLAS, Redwood City. All work for dwelling.
Owner—O. G. & Rose Ethel Schiel, 231 Hamilton, Redwood City.
Architect—None.
Contractor—Arthur Payne, Oak Knoll, Redwood City.
Filed April 25, 1924. Dated Apr. 24, 1924.
Roofed .....¼
Plastered .....¼
Completed and accepted.....¼
Usual 35 days .....¼
TOTAL COST, $4485
Bond, Forfeit, none; Limit, 60 working days; Plans and specifications, none.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
May 1, 1924—LOT 164, Cottage Grove. Anna Sanfilippo to whom it may concern.....May 1, 1924
May 1, 1924 N MARIPOSA AVE nr Park Ave and being Lot 2 Blk 2, Hanchett Park Tract, San Jose. John A and Clara L Weaver to Wm M Myer.....April 28, 1924
May 2, 1924—NO. 620 N-SECOND ST., San Jose. John N Gollner to whom it may concern.....Apr. 30, 1924
May 2, 1924—LOT 11 BLK 1, Burrell Park, San Jose. W. Altevogt to whom it may concern...May 2, 1924
May 3, 1924—ALL LOT 46 and Ptn Lot 47 Blk 5, Palo Alto. Christensen & Anderson to R W Follmer.....May 1, 1924
May 3, 1924—W THIRD ST. adjoining the Knights of Columbus Bldg San Jose. John Marchese, Ben M Gallo, Alfred Ehrman and Alexis L Ehrman to Z O Field & Son.....April 24, 1924
May 3, 1924—E SEVENTH 349.175 N

Keyes N on Seventh 42.265x130.23 Ptn Blk 30, Vineyard Homestead Ass'n. Fred and Isabel Shrope to whom it may concern ..May 2, 1924

May 3, 1924—BDED BY STATE Highway, The Embarcadero Rd, and S P R R Tracks, Palo Alto. Board of Trustees of the Palo Alto Union High School Dist to Anton Anderson, May 2, 1924; San Jose Hardware Co.....April 7, 1924

May 3, 1924—NO. 412 JOSEFA ST. on E side bet. Auzerais and William Sts. Louis H Geraci to W H Smith .....April 29, 1924

May 3, 1924—LOTS 15 TO 18 INCL. Blk 34, Scale Add'n No. 2, Palo Alto. Dr. Harry L Langnacker to whom it may concern....May 2, 1924

May 5, 1924—LOT 49 Adams & Keller Sub., San Jose. J Lester Miller to whom it may concern....May 3, 1924

May 5, 1924—LOT 34 Arcadia Tract, San Jose. A M Elliott to whom it may concern.....May 2, 1924

May 5, 1924—LOT 24 BLKK 1, Lincoln Residence Park, San Jose. C E Bradford to whom it may concern.....May 1, 1924

May 5, 1924—ALL LOT 1 and Ptn Lots 2 and 14, Enright Sbdvn, San Jose. Lois Viola Williams to whom it may concern.....Apr. 30, 1924

May 5, 1924—PTN LOTS Castaro & Calderon Sbdvn, San Jose. Ray T Lindsay to whom it may concern.. .....May 3, 1924

May 7, 1924—LOT 3 BLK 4, Divine Survey 1, San Jose. Harlie and Bertha B King to whom it may concern.....April 25, 1924

May 7, 1924—LOT 17 BLK 4, Alameda Park Tract, San Jose. Edgar H Parker to whom it may concern.. .....May 7, 1924

May 8, 1924—LOT 7 BLK 3 S R 2 E, Town of Mt. View. Edward H Dean to whom it may concern..May 7, 1924

May 8, 1924—LOT 19 BLK 1, Acacia Park, San Jose. John W Will to whom it may concern....May 8, 1924

May 8, 1924—LOT 30 Hanchett Court, San Jose. B J Smith to whom it may concern.....May 8, 1924

May 8, 1924—LOT 1 AND NW ½ Lot 13 Blk 5, Hawthurst Addition, San Jose. W D Ohlandt to whom it may concern.....May 2, 1924

May 9, 1924—PTN LOTS 10 AND 11 of a survey of Mrs. Leler May Allred in the Settle Suhd pt Narvez Rancho. M and Clestina Mule to John Gales.....May 8, 1924

May 9, 1924—BDED BY STATE Highway, Embarcadero Road and S P Railroad Tracks. Board of Trustees of Palo Alto Union High School Dist to The Stewart School Supply Co (3 Completion Notices) .....May 6, 1924

May 10, 1924—LOTS 51 AND 52 BLK 3, Vendome Park Tract, San Jose. L Beaumont Conkey to whom it may concern.....May 5, 1924

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount

May 5, 1924—N WILLIAM & W 16th St. W on William 127.96 pt L N 60 E William to W 16th S on 16th 60 to William St., San Jose. John Andrews vs E R Snyder.....$73

May 5, 1924—8 ACRES ON SE COR. Campbell and Rose Aves ¾ mile SE Town of Los Gatos. F L Rathbun & Son vs H B Eyde....$125

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount

May 8, 1924—PTN LOT 2 BLK 1, University Grounds. Hubbard & Carmichael Bros to Bess and Roy B Culp $2435.07

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

DWELLING and garage, $4000; 1030 West Elm, Stockton; owner, J. O. Connor.

DWELLING and garage, $4000; 1020 West Elm, Stockton; owner, R. E. Thompson, 20 E Rose, Stockton.

DWELLING, $3000; 205 East Market, Stockton; owner, Filippo Boccali.

DWELLING and garage, $4000; 1050 West Elm, Stockton; owner, A. J. Cannon.

DWELLING and garage, $4000; 1044 West Elm, Stockton; owner, Geo. D. Mullis, 503 S Stanislaus, Stockton.

DWELLING, and garage, $2750; 945 West Harding Way, Stockton; owner, H. V. Tartar, 941 West Willow, Stockton.

DWELLING and garage, $3750; 1055 West Willow, Stockton; owner, Harold A. Aulwurm, 636 West Poplar, Stockton.

HOTEL, 5-story, $85,000; 417 East Market, Stockton; owner, George L. Wolf, 741 E Weber, Stockton.

DWELLING and garage, $5000; 802 West Vine, Stockton; owner, Geo F. Schuler Jr., 27 E Willow, Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted

May 7, 1924—LOT 5 BLOCK 8 CITY Park Terrace. Thomas J. Secry to M. K. Kelly .....May 2, 1924

May 7, 1924—LOT 17 BLOCK E OF McCloud Addition to Stockton. Thomas J. Secry to M. K. Kelly .....May 2, 1924

May 8, 1924—S ½ OF LOTS 9 AND 11 Block 30 of Victory Park Terrace. Vincent Dave Vaio to whom it may concern .....May 2, 1924

May 8, 1924—N ½ OF LOTS 9 & 11 Block 30 Victory Park Terrace. Vincent Dave Vaio to whom it may concern .....May 2, 1924

May 8, 1924—LOT 16 BLK 31 VICtory Park Terrace. Vincent Dave Vaio to whom it may concern.... .....May 2, 1924

May 8, 1924—LOT 7 BLOCK 30 VICtory Park Terrace. Vincent Dave Vaio to whom it may concern.... .....May 2, 1924

May 8, 1924—LOT 8 BLK 31 VICtory Park Terrace. Vincent Dave Vaio to whom it may concern.... .....May 2, 1924

May 8, 1924—LOT 13 BLOCK 27, VICtory Park Terrace. Vincent Dave Vaio to whom it may concern.... .....May 2, 1924

May 5, 1924—LOT 19 BLK 6 CITY Park Terrace. H. E. Waltz to T. E. Williamson .....Jan. 30, 1924

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount

May 7, 1924—NOS 1243A, 1243B, 1245A and 1245B, South San Joaquin St. Joseph M. Kidd vs J. A. Souza Jr $96.55

May 7, 1924—N 75 FT. OF LOT 514 Burkett Gardens, Stockton Lumber Co., a corp. vs Antone Bajurim $522.38

May 7, 1924—S 51 FT 10 INCHES OF each of said lots 10 and 12 in block 101 South of Mormon Channel. C. R. Potter vs J. A .Souza....$203.50

May 9, 1924—LOT 4 SUNNY SLOPE Farms. H. R. Foster by George C. Lawson and Stephen Blewett, attorney for claimant vs J. W. Peters $140

BUILDING CONTRACTS

FRESNO COUNTY

DWELLING, $5500; 736 Terrace Ave., Fresno; owner, D. A. McKnight; contractor, C. N. McKnight, 806 Voorman, Fresno.

COMPLETION NOTICES

FRESNO COUNTY.

Recorded Accepted

May 7, 1924—LOT 26 N ½ LOT 27, High Add Annex No. 1 Fresno. Geo. E. May to whom it may concern.. .....May 5, 1924

May 7 ,1924—LOTS 40, 41, BLK 10, Fresno, J. A. Whitaker to whom it may concern .....May 5, 1924

May 8, 1924—LOT 17 W ½ LOT 16, Blk 3, Torrance Terrace, Fresno. E. S. Martin to whom it may concern .....May 7, 1924

May 8, 1924—LOT 13, NORMAL HTS, Fresno. Modern Home Bldrs. to whom it may concern....May 8, 1924

BUILDING CONTRACTS

SACRAMENTO COUNTY

REINFORCE CONCRETE, $11,000; 518 L, Sacramento; owner, Wm. Murcell, Ochsner Bldg., Sacramento.

DWELLING, 7-room and garage, $4500 3501 I, Sacramento; owner, J. A. & Ena H. Nelson, 1224 E, Sacramento;

DWELLING, 5-room, and garage, $3500 1034 36th, Sacramento; contractor, I. L. Johnson.

GENERAL REPAIRS, $3250; 714 J, Sacramento; owner, A. Coolot, 2014 23rd, Sacramento; contractor, J. A. Saunders, 2810 I, Sacramento.

DWELLING, 6-room, $3500; owner, Mrs L. W. Matthias, 2921 X, Sacramento

FLATS, 2-story 4 flats 5-room each and garage, $10,500; 3417 J, Sacramento owner, Mrs. Z. Aroldi, 2031 I, Sacramento; contractor, W. R. Saunders, 2614 I, Sacramento.

DWELLING, 6-room and garage, $4111 5288 J, Sacramento; owner, J. M. Miller, 5220 J, Sacramento; contractor, B. T. Wilkinson, 1509 I, Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted

May 7, 1924—LOT 14 BUENA VISTA Add., Sacramento. Fred E. Niles to whom it may concern....May 6, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount

May 7, 1924—LOTS 7 & 8 BLOCK 1 City Ac Add 1, Sacramento. George Jacobs under name of Oregon Door & Window Co. vs Rebecca & B. G. Evans $181.75

May 7, 1924—LOT 52 REESE VILLA, Sacramento. Fred A. Clark vs J. G. Taylor $82.50

May 7, 1924—LOT 57 DREHER TCT, Sacramento. Fred A. Clark vs J. G. Taylor $94.85

SAN ANSELMO, MARIN COUNTY, BUILDING PERMITS

Following is a list of building permits issued by the Town Trustees of San Anselmo, Marin County, during the month of April, 1924:

T. U. Smyth Two dwellings. Sequoia Park. Cost, $2500 each.

W Samuels. Dwelling. Lot 16, Sequoia Park. Cost, $1200.

H. M. Hanson. Dwelling. Ancha Vista Tract. Cost, $1250.

Mr. Connolly. Dwelling. ½ Lot 17, Sunnyside Tract, Waverly Road. Cost, $1500.

A. O'Connor. Dwelling. Short Ranch, Red Hill Ave. Cost, $3500.

P Cuneo. Dwelling, Lot 80, Humboldt Ave. Cost, $650.

Mrs. Cuneo. Garage. Sequoia Park. Cost, $200.

J Fredericks. Dwelling. Lot 8 Blk. 4, Sequoia Park. Cost, $1000.

Anna Johnson. Dwelling. Portion Lot 4, Davidson Tract. Cost, $3200.

D. Struble. Dwelling. Lot 2, Highlands. Cost, $3000.

Ignacio Land Co. Alter present structure for stores, Cheda Building. Cost, $9000.

J. Reese. Dwelling. Lot 1 Block 7, Sequoia Park. Cost, $2800.

C. Derham. Erect concrete public garage. Red Hill Ave. and Main St. Cost, $10,000.

F. H. Allen. Dwelling. Lot 4 Blk. 2. Idalia Tract. Cost, $4400.

F. H. Allen. Dwelling. Lot 5 Blk1. Idalia Park. Cost, $4200.

F. H. Allen. Alter present building for Mr. Schrader. Grove Lane. Cost, $400.

S. Saywell. Dwelling. Austin Ave., Sunnyside Tract. Cost, $3500.

J. G. Leibert & Co. For St. Anselm's Church, Parochial School (concrete building). Belle Ave. Cost, $47,000.

GLASS

A few products manufactured by W. P. Fuller & Co.

Outside and Inside House Paints
Rubber Cement Floor Paint
Concreta
Washable Wall Finish
Pioneer Shingle Stains
Porch and Step Paint
Decoret (Varnish Stain)
Silkenwhite Enamel
Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Plate Glass
Window Glass
Ornamental Glass
Mirrors
Beveling
Polishing
Silvering

Estimates furnished on request

W. P. FULLER & CO.

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Twenty-fourth Year No. 21

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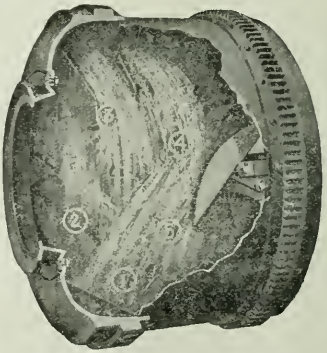

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON, RICKARD & McCONE CO.

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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Good Workmanship for Stucco Work Essential, Gov't. Reports

The selection of a stucco contractor who knows his business and can show that he has done good work is the most important factor in securing good stucco construction, the Bureau of Standards of the Department of Commerce finds. At least in the present state of the art more depends upon capable workmanship than upon many of the details of the specifications. The successful stucco specialist may be expected to know the requirements of the specifications, and will also have acquired a knowledge of the application of the material which can be learned only by experience. The plasterer trained for interior work does not have this necessary knowledge and experience, the Bureau believes, and the saving in cost by hiring an inexperienced man will be made at the expense of appearance and durability of the job.

Tests on stucco construction have been in progress at the Bureau since 1911. Panels of stucco made in accordance with different specifications have been constructed and exposed to the weather for a number of years. Some of these panels were of back plastered construction; some were made with wooden sheathing. Paper backed construction, plaster board, and other types were also tested. Still others were applied to walls of masonry.

Measurements of the shrinkage of stuccos were also made by means of a special comparator. It was shown that this shrinkage may be controlled to a large extent by regulation of the amount of water used. The general rule is that the material should stiffen from removal of water before chemical set occurs, and the ability to recognize this condition is considered a necessary part of the plasterer's practical knowledge of his craft.

Masonry walls were found to make the best bases for stucco, and on them the finest stucco textures can safely be used. Fine textures are not recommended for use on frame construction, as they show cracks which are not visible in coarser textures. Where stucco is used on wooden frame the frame should be well braced, and the use of metal or wire fabric or metal lath for reinforcement is recommended. The test showed that better results were obtained by omitting the sheathing, using special insulation and bracing where required. If sheathing is used it is thought horizontal sheathing would be preferable to the diagonal sheathing which was used in most of the sheathed test panels.

Special attention, the Bureau says, should be given to the tying or lacing of the fabric or lath so that the joints do not constitute a line of weakness in the reinforcement.

Lean mixtures were found to give the best results. A mixture of one part cement, one-fifth part of hydrated lime, and three parts building sand is the richest recommended. Good design is considered essential and involves adequate flashing and overhead protection, and the restriction of stucco construction to vertical surfaces or to those which will drain quickly.

RAILWAY GRADE CROSSINGS STILL A SERIOUS HAZARD

Railroad grade crossing accidents continue to be one of the most serious problems confronting the country, says the Bureau of Public Roads of the United States Department of Agriculture. Statistics issued by the Department of Commerce show that 8582 people were killed or injured at grade crossings in 1923. This represents an increase of nearly 20 per cent over the number killed or injured in 1922.

It is true that the number of motor vehicles in use increased somewhat more than 20 per cent in 1923, but increased volume of traffic should be met with increased protection; it should not be accepted as a satisfactory excuse for the mounting death toll.

The policy of the Bureau of Public Roads in effect for some years is to eliminate grade crossings on Federal-aid roads wherever practicable. This policy has men with hearty co-operation from State highway departments and the public in general. Many crossings have been eliminated by the construction of underpasses and overhead crossings and by relocation of the highways so as to avoid crossings and recrossing tracks. In particular cases as many as seven or eight crossings on a single road have been eliminated by the latter method.

Safety campaigns and grade crossings elimination have undoubtedly kept the number of accidents and deaths from reaching much more appalling figures, but it is apparent that a still greater effort must be made if the accident rate is to be reduced.

NATIONAL AID FOR RECLAMATION PLANS

A private dispatch from Washington says that the estimates for work on reclamation projects in six western states, heretofore held up by the budget bureau, will be sent to Congress under an agreement reached at the White House conference. Expenditure of the money will be made contingent on further investigation as to the practicability of the projects.

The projects are located in Idaho, Oregon, Nebraska, Utah, Nevada and Washington. All have been approved by the Interior Department and Senators Borah, Idaho, and McNary, Oregon, Republicans, who obtained the approval of President Coolidge to submission of the estimates, expressed confidence that further investigation would show all to be practical.

STRIKE LOOMS AT SAN DIEGO

A strike of all building trades workers in San Diego is in prospect. The employers' association demands that the labor unions rescind their five-day working schedule recently put into effect.

"The reason given by the different trades for adopting the five-day schedule—to give more work to more men, is only a blind, and was given out to deceive the public," says a statement by the employers' association.

"This is evidenced by the fact that as soon as the five-day week went into effect, Saturday was declared a legal holiday, and all work done on that day carried double wages."

POTTERY CLAY DISCOVERED IN HUMBOLDT COUNTY

The discovery of deposits of clay free from organic matter and apparently very suitable for the manufacture of pottery was made some time ago by T. L. Loofbourrow on his property near Elk river corners in Humboldt county. A sample of the clay was sent to the Chicago Art Institute for analysis and experimental purposes and the dean of that institution wrote in reply that the clay offered all kinds of possibilities for pottery purposes.

A ton of the clay is to be sent to Chicago with a view to ascertaining the exact extent of its usefullness in pottery clay, modelling work, the manufacture of tiles and for Fullers earth.

The particular value of the deposit is said to exist in the fact that mineral water runs over it.

TIMBER LANDS PURCHASED

The Clover Valley Lumber Company, operating extensively in Plumas County and with headquarters at Loyalton, Sierra County, has purchased 8700 acres of standing timber in the Last Chance district. The price paid was $238,000.

Seventy-three hundred acres of this purchase was secured from the Western Realty Company at a cost of $200,000. Two hundred and forty acres, purchased at a cost of $8000, constitutes the Bridges estate, and the remaining 1160 acres was secured from the trustees of the Ingebretsen estate at a cost of $30,000.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

John F. Richardson, manager of the Newlands Project, Nevada State, has resigned to become connected with a large American corporation operating mining properties in Brazzil, Peru and Chili. His resignation is effective June 15. Mr. Richardson is probably one of the best known engineers in the employ of the U. S. Reclamation Service and under his administration the Newlands Project recorded consistant progress. In addition to his reclamation duties he operates a large ranch near Fallon, Nevada.

A determined effort to secure for California the next convention of the American Association of State Highway Officials will be made by Chairman Harvey M. Toy of the California Highway Commission, who will represent the highway department at several important meetings of highway officials and good roads supporters to be held in Albuquerque, New Mexico, and Greensboro, North Carolina, and Washington, D. C.

New planing mill and box factory of the S. G. Beach Box and Lumber Co., at Placerville, is in operation. The plant was destroyed by fire in August of last year. Planing mill, occupying 4,000 square feet was erected at a cost of $25,000 and the box factory, containing 12,000 square feet, was erected at a cost of $45,000. Machinery throughout is electrically driven.

The American Engineering Standards Committee, 29 West 39th St., New York, announces a conference will be held in that city in June for the standardization of cast iron pipe. The conference was called at the request of organizations chiefly concerned with the subject.

Nibley-Stoddard Lumber Co, of Santa Cruz has filed articles of incorporation at Santa Cruz. The company is capitalized at $500,000. Directors are: C. W. Nibley, Salt Lake City; H. H. Stoddard, Cromberg; J. F. Nibley, Salt Lake City; George H. Cardiff, and Walter Lindquist of Santa Cruz.

Max E. Cook, who resigned his position as farmstead engineer for the State Land Settlement Board at Delhi, has accepted a position with the California Redwood Association in Los Angeles. His new work will be to promote a better understanding of the use of this native state timber.

Vitrified Products Co. of San Diego is to expend approximately $75,000 on an addition to the company's brick and tile factory. Four kilns will be added together with considerable new machinery.

Jesse A. Burson, Oakland plastering contractor, has petitioned the United States District Court to be adjudged a voluntary bankrupt. He listed his liabilities at $8347.50, with no assets.

Chas. H. Windham, for the past two years city manager of Long Beach, has resigned to accept a position with a large steamship company. The resignation is effective July 1.

Los Angeles county proposes to erect a $1,000,000 structure to house quarters of the American Legion.

Construction of Nevada State Highways, per mile, as announced by the highway department show $8,462.70 for gravel roads; $40,513.81 for cement concrete and asphalt macadam, which is compared to bituminous macadam, $23,638.38. Taken as a whole the construction costs per mile, with high freight rates and other factors, compare favorably with the costs in the entire country. In the case of gravel roads, the difference in favor of Nevada is particularly noticeable.

J. D. Connell, for several years connecte dwith the offices of K. E. Parker Company, Cochrane-Boehm Company and Meyer Bros., all of San Francisco, is now associated with the D and W Electric Company, manufacturers and distributors of D and W Quality Fixtures, with display rooms and shop at 1209 Eighth Avenue, Oakland.

L. H. Chapman, former manager of the Friend & Terry Lumber Company of Sacramento, announces he has purchased the interests of Fred E. Conner in the properties of the Sacramento Lumber Company, Twelfth and B streets, Sacramento. J. W. S. Butler, Sacramento attorney, ownes a half interest in the company.

Acceding to the insistent demands of citizens and the city council, and refusing to accept a salary increase, C. H. Windham, Long Beach City Manager, announces he has withdrawn his resignation presented to the council. The manager will take a vacation trip to Mexico.

Z. L. Montague has opened quarters at 812 Fulton street, Fresno, dealing in wall paper, paints, varnishes and allied products. Montague was formerly associated with the firm of Barnes & Montague, 1214 Van Ness Ave., Fresno.

California Clay Company, Stockton Boulevard and 36th St., Sacramento, producers of clay building materials, has issued a novel four-page folder, outlining the policy of the company and listing the products handled by the concern.

J. F. McSwain, Merced engineer, has accepted a position with the Gilmore Oil Company of Los Angeles, to handle the sale of road oil in the San Joaquin valley territory.

Tynan Lumber Company of Salinas will establish offices and yards in E-Fourteenth street, Oakland. The announcement is made by L. M. Tynan, manager of the Salinas yard.

Lumber properties of the Campbell Mill Company at Lake Sammamish, near Seattle, Wash., were destroyed by fire May 18. The loss is estimated at $300,000.

Gypsum Products Company has started construction of a plant at Phoenix, Arizona. The plant will employ about 50 men.

J. J. Ford of Claremont, Calif., has purchased 63-acre tract in Upland and will establish a rock crushing plant costing $250,000 including equipment.

S. S. Buckley Door Company has started operations at Quint and Custer streets, San Francisco.

GEORGIA AS A HARDWOOD STATE

Public attention has been so centered on the pineries of Georgia because of their importance as producers of pine lumber and naval stores, says Silviculturist E. F. McCarthy of the Forest Service, United States Department of Agriculture, that it is seldom realized that nearly one-tenth of the State lies in the region of mountain hardwood forests. Twelve typical mountain counties of northern Georgia are shown by the last census report to have a total land area of 2,248,320 acres, of which 1,801,324 acres, or 20 per cent, is farm woods or wild unimproved land. This hardwood region includes the Blue Ridge and that part of the State lying north and west of it. If Georgia is to repeat the experience of some of the northeastern States, Mr. McCarthy points out in a recent report upon this region, but little of this land will ever be devoted permanently to agriculture. When even a populous State like New York has suffered a continuous decrease in the percentage of improved agricultural land in the last 40 years, Georgia may expect a similar reduction and an increase in the amount of forest. The importance of the hardwood forest as a source of supply of valuable woods and of revenue is apparent.

PACIFIC N. W. LUMBER OUTPUT BEING REDUCED

Paul C. Hedrick, financial editor of the Seattle Times, under date of May 14, says:

"With the Los Angeles and Southern California market for the lumber of the Pacific Northwest practically a thing to be forgotten for the present, the biggest problem confronting larger logging and timber operators is to conserve the logs in the woods and reduce production to a minimum. To that end, many logging camps are closing, the cut logs are being rushed to tide-water against the forest fire risk of mid-summer.

"At the same time prices made by timber men and loggers have just been drastically reduced as to logs for saw mill consumption, as compared with sixty days ago. No. 1 grade, the primest fir cut in Western Washington and Western Oregon, has slipped from $28 to $24 per thousand feet.

"Unity of effort to prevent slaughter in prices is the attemut of loggers and timber land owners, except in the few cases where timber land owners furnish the logs for their own saw mills."

CONTRACTORS SUES

C. L. Powell, to whom the contract for the Second St. tunnel in Los Angeles was assigned by Contractor John Hayes, has sued the city to collect the interest due on bonds issued for the tunnel improvement which have been purchased by the city. Bonds to the amount of $542,656 were issued for unpaid assessments. Of these $534,159 remained in the city treasury when Powell took over the contract. He claims under the assignment of contract he was to be paid in bonds, and now claims the interest as well as the principal. Recently the city purchased the bonds and collected the interest.

OAKLAND BUILDING

Oakland building for April totaled $2,457,592. During the month 1136 permits were issued, of which 972 covered new construction, estimated to cost $2,287,059 and 164 permits for alterations and additions to standing structures for $170,543. Home building continues to be the feature of the Oakland activities. During April 335 dwellings were erected at a cost of $1,059,796.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

'ONTRA COSTA COUNTY BUILDERS' EXCHANGE HOLDS ANNUAL BANQUET

The Contra Costa County Builders' Exchange, with headquarters in Richmond, held its third annual banquet in he Exchange Banquet Hall, Friday vening, May 16.

The banquet was accompanied by entertainment features and talks by eaders in the construction industry in Northern California. About two hundred attended the affair.

P. M. Sanford, president of the exhange, as toastmaster, opened the vening with a brief talk on the activities of the exchange and summed up ts rapid growth dwelling particularly ipon the fact that the Contra Costa ounty Exchange is the only builders' rganization in Northern California vhich owns its quarters, although everal exchanges in the district have urchased sites and plan early contruction of modern structures.

Wm. H. George, president of the San rancisco Builders' Exchange, was nother speaker. His talk prompted o-operation among the members of the uilding fraternity.

Other speakers included E. M. Tilden, resident of the Builders' Exchange of lameda County; James A. McVittie, ity manager of Richmond; Warren IcBryde of the San Francisco industrial Association; O. H. Chain, presient of the Stockton Builders' Exhange; Henry A. Johnston, president f the Richmond Chamber of Commerce nd J. F. Brooks of the Standard Oil Iefineries at Richmond.

Committees in charge of the annual anquet follow:

Dinner—E. H. Higgins, B. J. Ballanyne, Joseph J. Burdon, Chas. H. rown, E. A. Marshall.

Decorating—R. W. Timmons, Y. J. readwell, James Walker, W. J. Richrds Jr., C. L. Theis.

Entertainment—Roy Eakle, Harley arter, H. J. Capion, W. Snelgrove, R. I. Spiersch.

Invitation and Reception — F. A. Iero, J. Cravath, E. B. Bull, H. P. auritzen, Al Hill.

PLUMBERS ELECT

California State Master Plumbers' Asociation, convention in Pasadena, lected the following officers: Harry ewman, Oakland, president; C. M. winerton, vice-president; Chas. Huton, treasurer; John Firmin, San Franisco, secretary. Directors elected ollow: W. P. Wilson of San Franciso; alph Francis of Sacramento, and Fred igh of Fresno.

PORTLAND BUILDING

Portland building permits for April bout equal those of a year ago, alhough residence construction shows a ain of 77 homes valued at $258,360 ver April 1923. The totals are as folows:

During April, 1924, there were 1432 ermits issued for a valuation of $2,-19,275, of which 430 were residences alued at $1,599,535.

During April 1923, there were 1357 ermits issued for a valuation of $2,-23,330, of which 353 were residences alued at $1,341,175.

During March, 1924, there were 1528 ermits issued for a valutaion of $3,-47,290, of which 457 were for resiences valued at $1,756,540.

American Construction Council

One year ago a general condition, characterized by nearly every one trying to build at once, existed throughout most of the country. The resulting congestion created a serious situation which caused the American Construction Council, in co-operation with others, to sound a note of warning and suggest that speculative and unnecessary building be suspended until the supply of labor and materials could catch up. This view of the situation came to prevail throughout the country and the volume of construction and price levels did not rise to the breaking point.

As one of the results of this steadying of the industry, the Council was able, last fall and early winter, to urge all those desirous of building at that time to undertake such work as far as possible at an early date in order to benefit by the usual slackening of demand for materials and labor during the winter months. It was hoped in this way to avoid a possible building crisis in the spring of the present year. The large volume of construction contracted for and started during the fall and winter months shows that the public responded very favorably.

In reviewing the situation at the present time, the Council believes that there is no need for a warning such as existed last year. While general business has dropped off somewhat during the past three months, construction is one of the few great industries that has held up. Though there is a large volume of construction under way and projected the great amount of winter work already done and present activities show greater stablization than has often existed at this season of the year. This does not point to danger for the country as a whole, although in certain localities this may not hold true, particularly in the vicinity of New York City.

It is the Council's recommendation at this time that investors and all others interested in construction watch developments closely, particularly for the next few months. If an artificial boom presents itself great care must be exercised in regard to speculative and other unnecessary construction until the danger is passed. Winter building and especially the postponement of maintenance and repair work to the slack season, as repeatedly urged by the Council, will do much to help a situation of this kind and at the same time lengthen the working period, thus extending the active season without overlapping or congestion. If, on the other hand there should be an early slackening or recession of work, proper measures should be taken to bring out those kinds of construction which otherwise should be deferred until the period of greatest activity is passed.

The future course of building construction costs is somewhat problematical. At present they are a t a high level in spite of the mistaken attempt to decrease such costs by poor construction.

One very serious situation confronting the country requires special attention. A large percentage of present day building construction throughout the country is distinctly inferior in quality and unsound in financing. Thousands of such structures now under way or recently erected, especially in housing, are subject to such rapid deterioration that within ten years' time, sometimes less, they will be practically valueless. This rapid depreciation coupled with unsound methods of promotion must entail enormous loss of the principal investment, besides entailing serious expense and heavy additional burdens for repairs and maintenance after a few years. A still further burden is added by the higher rates of insurance due to the use of inferior materials and poor construction. All these make for higher rents.

This situation results from the activities of irresponsible groups found in every element of the industry. Faulty engineering, unreliable architects, inexperienced and incompetent contractors, inferior grades of materials, poor mechanics, inadequate and poor inspection, and other bad factors too frequently enter into building work. These have serious effects but no more serious than unsound financing. Mortgage bonds are issued and on speculative buildings. Many such issues are based on improper security and fictitious statements of earnings at abnormal interest rates. They find buyers because of the general ignorance existing in many quarters as to the requirements for good real estate securities. Such purchasers are usually those who can least afford to be victimized. Every element of the industry must bear its proportionate share of the blame for the vicious practices not infrequently found in building projects today, and for permitting practices within its ranks that do not measure up to the proper standards.

To further the interests of the business of building and a general adoption of the principles of better building the Council has appointed a special and fully representative committee of men vitally interested in the desirably ends to be gained. This committee will make a survey of conditions and recommend correctives where deemed necessary.

The Council's program for the training of apprentices and the development of improved craftsmanship in the building trades is calculated to benefit greatly this situation. Quality of workmanship and sufficient workers are very vital to high-grade construction. Apprenticeship is a national question and cannot be solved merely by treatment of isolated spots without regard to the other sections of the country and national needs as such. The American Construction Council as the national body representative of all elements in the construction industry and the public and co-operating with the various localities and branches of the industry thus has in its apprenticeship work a most effective means for furnishing the principle of better building in addition to other desirable ends to be gained through apprentice training.

The foregoing measures combined with the council's help in reducing the seasonal variations in building operation with their bad effects on quality of construction, particularly during the rush periods of the year, and its assistance in the promotion of organizations in the different localities of the country by bringing together the varoous elements or the industry in these sections as a part of its national movement to promote responsibility and intelligent co-operation and in all of their aspects, furnish the basis for securing very practical results to industry generally and the public.

MICHEL & PFEFFER IRON WORKS ISSUES CATALOGUE

Michel & Pfeffer Iron Works, Tenth and Harrison streets, San Francisco, is distributing a novel 12-page illustrated folder featuring California Steel Windows. The folder will prove of assistance to the architect, in-as-much as it contains tables giving sizes of wall openings and explains how to fill the same with standard units carried in stock. Another feature affords details of the structural horizontal mullions and tables showing the various members of the construction of horizontal mullions. Burglar proof steel windows, reversible windows and galvanized sash are also incorporated in the folder. Copies will be mailed on request to the Michel & Pfeffer Iron Works.

ASBESTOS INDUSTRY WOULD REDUCE WASTE

Manufacturers, distributors and users of asbestos paper and asbestos millboard have been asked to attend a meeting on May 22 in the Department of Commerce, Washington, to act on recommendations for the elimination of excess sizes, weights and thicknesses of these commodities to reduce waste in this industry. The meeting will be held under the auspices of the Division of Simplified Practice, which has cooperated with Asbestos Paper Manufacturers' Association.

Recent surveys of sales of five large companies over six months time, indicated that the demand was limited to a few of the many varieties made. In asbestos paper made in 100-pound rolls, 98 per cent of the demand was for the 36-inch width, and the balance distributed among the 24 and 18-inch widths. In the 50-pound rolls 74 per cent was for the 36-inch width, 20 per cent for the 18 inch width, and but 5 per cent for the 24 inch width. Of the 25-pound rolls, 57 per cent of sales were in the 36-inch width, but one per cent in the 24-inch width, and slightly more than 41 per cent in the 18-inch width. In other words, 63.5 per cent of sales for all widths was in 100-pound rolls, and 36 per cent the 50-pound rolls

As the surveys were analyzed as to weght, it was found the greatest demand, 23 per cent, was for the 10-pound grade, 20 per cent for the 18-pound grade, and that two other grades showed less than seven per cent each in sales.

In the manufacture of asbestos millboard, it was shown that 53 per cent were cut in special sizes of sheets; and that of the balance, 30 per cent of the sales were in the "standard" size and 16 per cent in forty inch squares. The survey of mill board also showed that 87 per cent of sales were made in three items of thickness.

LIME SPECIFICATIONS FOR SILICA BRICK PREPARED

For lime to be used in the manufacture of silica brick the standard of quality is set at 92 per cent in specifications prepared by the Bureau of Standards, Department of Commerce. This percentage is based on the nonvolatile matter in the lime. Maximum limits of 5 and 10 per cent carbon dioxide are set, depending on whether the sample is taken at point of shipment or at destination.

These specifications, together with a brief description of the way in which lime is used in the manufacture of silica brick, are embodied in Circular 153 of the Bureau of Standards entitled "Recommended Specifications for Quicklime and Hydrated Lime for the Manufacture of Silica Brick." Complete directions for sampling and testing are also given. Copies of the circular may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. The price is 5 cents.

Building Industry in Sound Condition Authorities Declare

There is so much contradictory expression of opinion regarding the situation in the Building Industry that it seems that the sound analysis and economics of the Guaranty Survey article published in Building & Engineering News May 17 should be thoroughly stressed. With this in mind, the following article was prepared by the G. L. Miller Company of New York City.

Except in New York City the present indications do not point to any likliihood of over-expansion in the Building Industry. Thus is the situation summed up by the Guaranty Survey published by the Guaranty Trust Company of New York, in which it is shown that building conditions are generally sound. "In spite of the high level of building activity which has been maintained for more than two years," states the Survey, "it is evident that an appreciable part of the shortage resulting from the relative inaction of the war period still remains . a dearth of structures for the country as a whole is still apparent."

In comparing the 1923 building figures with those of 1922 the Survey points out that "it is doubtful, in view of the higher costs represented and the amount of construction known to have been postponed or abandoned, whether the actual work undertaken was equal in volume to that of the preceding year (1922)."

Briefly the Guaranty Survey brings out the following points which are so fundamental as to be worthy of the serious thought of not only the Building Industry, but also the financial and business world.

(1) The 15% increase reported in 36 states during the first quarter is more than accounted for by the figures for New York City, where speculative building on a large scale is causing real apprehension that a housing surplus may result—residential building being nearly three-quarters of the activity in prospect in New York.

(2) The remainder of the Nation shows about 10% decrease in physical volume and present national conditions give promise of a well sustained rate of activity.

(3) Because of higher building costs it is doubtful if March total contracts will be an increase in physical volume enough larger to cover the usual seasonal increase.

(4) Rent levelt affect the "housing shortage" through their influence on the "incentive to rent" and the "incentive to build."

(5) A decline in rents would decrease the incentive to build but would increase the incentive to rent—the one counteracting the other.

(6) The decline in building activity will probably be gradual and a large volume of construction may be anticipated for some time to come.

Survey Reviewed by Miller

In reviewing the Guaranty Survey, G. L. Miller, President of G. L. Miller & Company, stated that "This Survey appears to present the most careful keen and level headed analysis of the Building Industry which has come to my attention. It points out that the housing shortage is not stable; it fluctuates according to rent levels, being defined as 'the excess of demand for housing space, at existing rent levels, over the amount of space available'. Nor can the housing shortage be properly expressed in terms of dollars for the dollar itself fluctuates in purchasing power, and the costs of construction vary from time to time. It would seem to be much more accurate to use figures representing area in square feet, of floor space, or in other words, physical volume.

"The Guaranty Survey makes a sharp distinction between conditions in New York City and in the rest of the Nation. This is refreshing since it seems to be a most common mistake to base national conclusions on local New York City conditions.

"Contrary to conditions prevailing in New York building retrenchment is well under way in the South. Curtailment of building operations in the Southern States is a national and healthy development after five years of activity, during which new construction records have been successively piled up. Unless the last six months of 1924 bring forth unexpectedly large totals of building the South will probably show ten per cent to twenty per cent decrease this year, as compared with 1923.

Retrenchment in South

"Retrenchment of building operations in the South, and for that matter in several sections of the United States, means that real estate values and rentals are being placed upon an even more stable basis than in the past. Such retrenchment is a safeguard against possible over-building and does not mean that the need for new buildings has been satisfied. It merely means that at the present levels of building costs, and rentals, property owners and financing institutions have deemed it prudent to guard against any possible decline in demand.

"As the Guaranty Survey points out, should rents decline there would immediately be a fresh increase in demand for housing space, which would stabilize the building situation and operate to check further decline. Thus we see that the building situation is in a continual state of flux and creates within itself the "cures" for the "ills" it sets up. Upon this principle we can erect a structure of confidence in building as the second largest industry in the country, and as one of the principal stabilizers and stimulators of business and trade prosperity.

"As one analyst recently pointed out, this means that 'unless stopped by some great national misfortune, the Building Industry wil continue to maintain and promote American prosperity in 1923 and 1922. A more encouraging sign of the times could hardly be imagined.'"

Comments by Dodge

Further comment on the Guaranty Survey was made by Thomas S. Holden, Statistician of F. W. Dodge Corporation, who states, "Our own analysis of the situation is in substantial agreement with the Guaranty Survey. With the rather glaring exception of New York City, the speculative element does not appear to be dominant in building operations generally. After a winter of unusually large activity and the usual seasonal increase this spring, there is now a gradual reaction in progress, which comes at just about the right time to check the recent boom from going beyond reasonable bounds.

"We note with particular interest the remarks in the article concerning the reaction of rent levels and construction costs on building demand. Should there

be a sufficient slowing up of building activity to bring about decreases in either of these important factors, it is very likely that a new demand, now dormant, would assert itself. For this reason, building volume, aside from temporary fluctuations, ought to continue at a very good rate for a long time to come."

The New York Building Congress has recently issued an announcement that, unless there is a voluntary curtailment of building plans, it will undertake an active campaign to induce moderation. This applies, of course, only to New York City and is indicative of the close watch which is being kept on the situation here. It is not improbable that the great amount of expert analysis and sensible forecasting which is being done by the Building Congress and other organizations of similar nature, will tend to supply the psychological check, and which may save the local situation from serious demoralization.

BRITISH LABOR PARTY PROPOSES TO ASSIST HOUSING PROJECT WITH $2,010,000,000 LEVY

Robert J. Prew, staff correspondent for Universal Service in London, under date of May 19, reports:

In an effort to provide two and a half million new houses for workers in the next fifteen years, the Labor government is proposing to grant an annual subsidy to local authorities with the understanding that in each case the local authorities will add a half more.

This plan will be embodied in a bill about to be introduced in the House of Commons by Minister of Health Wheatley. If the bill becomes a law, the government will immediately embark on a gigantic effort to remedy the house shortage, which has been chronic ever since the armistice, with little prospect of an early alleviation.

The cost of building two and a half million houses is estimated at $3,015,000,000 of which $2,010,000,000 will be borne by the state and $1,505,000,000 by the local authorities spread over a forty-year period. Each house is expected to have at least five rooms.

The government is also seeking to establish rents at 40 per cent above the pre-war level, although the Labor party, generally, is campaigning for a reduction to a 25 per cent increment.

Wheatley's proposal will be subject to a severe fire of criticism from the Tories.

Neville Chamberlain got a bill through Parliament last year which granted an annual subsidy of $30 per house for twenty years and the additional expenditure planned by the Laborites will be sharply attacked.

LOS ANGELES BUILDING FOR APRIL SHOWS DECREASE

Building operations in Los Angeles are commencing to slacken, according to word from the southern city. During the month of April 4544 building permits were issued with an estimated valuation of $13,324,568, as compared with 5094 permits with an estimated valuation of $15,252,944 for the same period in 1923. March, 1924, operations totaled $17,279,758. For the year to May 1, the Los Angeles building total was $59,746,264 which is $141,594 less than for the corresponding period of 1923.

The record by months for the year to date, and the totals for the corresponding months last year follows:

	1924	1923
Jan.	$13,158,526	$11,258,517
Feb.	16,083,412	12,080,310
March	17,279,758	21,196,087
April	13,224,568	15,352,944
Totals	$59,746,264	$59,887,858

Surety Company Losses Are Greatest in Contract Business

At the general agency convention conducted by the National Surety Company in Los Angeles recently, Thos. B. Smith of T. B. Smith & Co., general agents of the National Surety Company at Philadelphia, submitted a paper to be read at the convention with regards to reducing losses.

Mr. Smith said:

"In discussing the best method to reduce losses, I assume that the greatest losses come from Contract business. Losses are due to failure of the contractor to complete his contract according to plans and specifications.

"Why? Is he new and inexperienced as a Contractor, or is he just inexperienced in the particular line of work upon which he is engaged at the time of his collapse? Is he incompetent or indifferent or has he just taken a flyer? Was his estimate inaccurate? Did he have sufficient money to carry on the job? If so, what has become of the money. How did his bid compare with others; and, incidentally, what difference was there between his bid and (if a city contractor) the department estimate?

"Did the agent know the contractor intimately? Had he knowledge of the work contemplated? Had he ascertained whether there were any unusual hazards in connection with it?

"Assuming the contractor to be honest, a good estimator, careful organizer, unless there has developed some unforseen diffculty, how could the contractor fail, if in the beginning he really possessed assets sufficient over liabilities to justify the writing of the bond?

"There comes to my mind at this time only one other possible source of trouble, that is too much other work, and too little attention to that feature by the Underwriter.

"If the contractor is new and inexperienced or new to the particular line of work contemplated, great care should be taken to ascertain if he is a capable man, possessing a plant of the character and sufficiency to enable him to do the work at a profit at his price. If there is any doubt about it after taking into consideration all the facts (and no bond should be authorized until all the facts are known), then the application should be declined. Any contractor who shows a falling off in his assets or who fails to make consistent progress is, in my judgment, always a doubtful quantity.

"I know a contractor who, at one time, showed assets above liabilities of $800,000. He was a fine fellow but after being successful and accumulating a fortune he could not irresist 'flyers,' mostly away from home. Today he does not own a dollar. Surety companies have been put to great expense and loss finishing his contracts. He has told me that often he would not estimate on a job, but would merely take a chance.

"He procured his bonds, when he was making money from the National Surety Company; when he was losing it, from some other company. He became angry with me because I demanded indemnity when I found he was floundering and said he would never give us any more business.

"The total of a contractor's asets may seem to be ample at times to justify the writing of a good sized bond, but the careful underwriter will pay a little more surplus over liability. The character of the assets and the character of the contractor go hand-in-hand in importance with experience in estimating the chance of the surety company.

"It is nearly always possible, especially on public work, to get a list of the bids for comparison. Where a wide difference is evident, some explanation is necessary. Unfortunately competition for business among companies and agents alike too often creates the gambling spirit, especially among the younger agents and warps the judgment prompting the recommendation of a risk.

"A business built upon a sound foundation, which means greater care in its selection and treatment, takes longer to build but it is more profitable and lasts longer and is a greater credit than the business built quickly on a foundation of volume without consideration of the consequence of losses, which must inevitably follow where haste and overzealousness and personal aggrandisement puts care and caution to sleep.

"A complete statement from the agent, detailing as far as he is able to ascertain the facts and conditions surrounding the contract and contractors should accompany every application so that the home office underwriters can visualize the situation, give prompt and careful consideration, thus avoiding unnecessary expense and annoyance to both company and agent.

"One of the most serious obstacles to the success of many contractors is the persistency, with which they attempt more than they can possibly do with limited capital and inadequate organization. The surety companies themselves hold the key to this situation and should, refuse to entertain the application of the contractor who constantly tempts fate—the contractor whose gambling instincts frequently keeps the Claim Department working over time. It is true that often times the companies ultimately escape loss through careful handling but usually the class of contractor referred to is the one who compels surety companies to complete undertakings at enormous cost and causes a generous share of the anxiety suffered by company officials."

SMITH BOOTH USHER CO. ISSUES ADVANCE PAGES

A Preview of Advance Pages selected from the new general catalog now in preparation and limited to goods not previously shown, has just been issued by the Smith Booth Usher Co., of San Francisco and Los Angeles. This partial catalog contains a total of 64 pages of Metal Working Machinery, Woodworking Machinery, Contractors' Equipment, Oil Field Equipment, Pumps, Motors, Compressors, etc.

While this catalog is not complete, it contains an excellent showing of lines which by reputation and performance have established themselves as leaders. A copy of these pages will be sent upon request.

IMPORT MEN TO STOCKTON FOR CONSTRUCTION IS CLAIM

The South Stockton Improvement Club claims that 50 per cent of the men employed on construction work in and around Stockton are imported, while many Stockton construction men and permanent residents of the city are out of work.

It is reported that one contractor who is starting the erection of 25 homes has employed six Stockton men and eighteen out-of-town men. Another big Stockton contractor is charged with employing outside men only. It is declared that the only reason that out-of-town help is employed is that "these men are willing to work for almost any wage."

Building News Section

APARTMENTS

Plans Complete.
APARTMENTS Cost, $18,000
SAN FRANCISCO, NW California and 19th Ave.
Three-story and basement frame (12) apartments.
Owner—M. P. Storheim, 201 Casellis Ave., San Francisco.
Architect—C. O. Clansen, Hearst Bldg., San Francisco.

Figures Being Taken.
APT. & STORE Cost, $17,000
SAN FRANCISCO, Bartlett Street.
Three-story and basement frame and stucco apartments (5 2 and 3-room apts and stores).
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $25,000
OAKLAND, E Elm St. 100 S 35th St.
Two-story 28-room apartments.
Owner—J. Weinstein, 1636 Franklin St. Oakland.
Contractor—Cal. Builders, 1636 Franklin St., Oakland.

Segregated Figures Wanted.
APARTMENTS Cost, $22,000
SAN FRANCISCO, West Side Jones 62½ South Jackson.
Three-story frame apartments.
Owner—Mrs. Sarah Picard.
Architect—W. G. Hind, 711 Hearst Bldg San Francisco.

Plans Complete.
APARTMENTS Cost, $18,000
SAN FRANCISCO, NW Fulton & Lyon Streets.
Two-story and basement frame (7) apartments.
Owner—O. M. Oyen, 67 Carmel St., San Francisco.
Architect—H. C. Baumann & Edw. Jose 251 Kearny St., San Francisco.

Low Bidder
APT. HOUSE Cost, $100,000
SAN FRANCISCO, Hyde St. south of Taylor.
Four-story and basement steel frame class C apt. house bldg.
Owner—Withheld.
Architect—A. W. Burgren, 110 Sutter St., San Francisco.
Low bidder—Fred Anderson, 180 Jessie St., San Francisco.

Bids To Be Taken This Week.
APARTMENTS Cost, $15,000
OAKLAND, Glen View Ave.
Two-story frame and stucco apartment house (4 4-room apts).
Owner—Mr. Weck.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.

Figures Being Taken.
APARTMENTS Cost, $35,000
SAN FRANCISCO, West Side Franklin 112½ S Francisco.
Three-story frame (12) apartments.
Owner—Mr. C. Giugni.
Architect—Richard R. Irvine, 507 Call Bldg., San Francisco.

Plans Complete.
APARTMENTS Cost, $20,000
SAN FRANCISCO, N Greenwich 137-6 W Van Ness.
Three-story and basement frame (12) apartments.
Owner—Axel A. Johnson, 632 Belvedere St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $16,800
OAKLAND, E 33rd Ave. 115 S East 16th St., Oakland.
Two-story 20-room apartments.
Owner—Mr. and Mrs. Fred Cox, 1515 34th Ave., Oakland.
Contractor—Guy L. Brown, 601 Amer. Bank Bldg., Oakland.

Contract Awarded.
APARTMENTS Cost, $16,000
SAN FRANCISCO, S Chestnut 139 E Van Ness.
Three-story and basement frame (6) apartments.
Owner—Wm. Helbing, 1332 Lombard St., San Francisco.
Contractor — The Helbing Co., 1332 Lombard St., San Francisco.

Owner Taking Segregated Figures.
APARTMENTS Cost, $—
SAN FRANCISCO, Corner Fulton and Pierce Sts.
Three-story frame apartments (12 3-room and 4-room apts.)
Owner—Mr. McCormack.
Architect—E. E. Young, 2002 California St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $20,000
SAN FRANCISCO, SE Lake and 27th Ave.
Two-story and basement frame (7) apartments.
Owner—Mrs. R. V. Philips, 783 36th Ave San Francisco.
Architect—H. M. Higbie, San Jose, Cal.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco.

Plans Being Prepared.
APT. BLDG. Cost, $40,000
SAN FRANCISCO, Market and Duboce.
Two-story cement and plaster undertaking parlors and apartment bldg.
Owner—Mr. Gastner.
Architect — Walter C .Falch, Hearst Bldg., San Francisco.
The second floor will have 3 5-room apartments.

Contract Awarded.
APARTMENTS Cost, $17,700
OAKLAND, N Park Blvd. 83 E Portland Ave.
Two-story 17-room apartment.
Owner—A. J. Whitaker, 1426 Franklin St., Oakland.
Contractor — Harry C. Knight, 1426 Franklin St., Oakland.

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Contract Awarded.
LATHING ETC. Cost, $66,000
SAN FRANCISCO, N Washington 68-9 W Gough.
Lathing, plastering, etc., for 10-story and basement and attic reinforced concrete building.
Owner—Two Thousand and Six Washington St., Inc.
Architect — C. A. Meussdorffer, 802 Humboldt Bank Bldg., San Francisco.
Contractor—Leonard Bosch, 180 Jessie St., San Francisco.

LOS ANGELES, L. A. Co., Cal—Frank F. Rasche, 5652 Hollywood Blvd., is completing plans for a 3-story and part basement frame apt. bldg. which he will erect at 649 N Rossmore Ave. for Frank Greve. Found., 119x44 ft., 26 apts. each with bath, fire escapes, ornam. iron balconies, stucco exter., comp rf., O. P. fls., tile baths and drainbds., laundry, general hot water system, disap. beds.

LOS ANGELES, Cal.—Archt. H. J. Knauer, 1129 Story Bldg., has prepared plans for a 4-room 8-apt. bldg. to be erected on Bronson Ave. near Hollywood Blvd. for Vera Von Bachelle. Two-story, 41x141 ft., frame and plas. constr., tile and comp. rfg., pine and hardwd. trim and fls., tiled baths, water htrs., gas rads; $35,000.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 701 Great Republic Life Bldg., have completed plans for a 4-story and basement class C apartment house to be erected at s.e. cor. of Whitley and Franklin Aves. for Thos. A. McNamara. It will contain 52 apartments; dimensions, 46x174 ft. with a wing 46x53 ft; brick construction, press. brick facing, marble and tile work, comp. rfg., pine and hardwood trim and flrs., elevators, steam htg., wall beds, vacuum cleaning; $240,000.

LOS ANGELES, Los Angeles Co., Cal. Fred Temple, 405 Story Bldg., has completed plans and has started work on an apartment building at 1300 W. 1st St., for Annie L. McDonald; it will contain 18 single apartments. Frame and plaster construction, 2-story, 40x96 ft., tile and composition roofing, hardwood floors, tile baths and drainboards, gas radiators, wall beds, pine trim, automatic water heaters. Cost, $36,000.

BONDS

MODESTO, Stanislaus Co., Cal. — County Supervisors sell $17,000 bond issue of Rising Sun Joint School District for premium of $270.30; proceeds of sale to finance school improvements.

SAN BERNARDINO, San Bernardino Co., Cal.—County board of supervisors has announced its intention to resubmit the $850,000 county courthouse bond issue, which was defeated at the recent election. It is probable that it will be deferred until the general election in November.

OCEANSIDE, San Diego Co., Cal.—An election will be held in the Oceanside-Carlsbad union high school dist. May 29 to vote on a bond issue of $80,000 for providing additions to this school. Trustees: David Rorick, Mrs. H. E. Ellery, W. S. Spencer and William Woodruff.

RILLITO, Pima Co., Arizona. — The $60,000 Rillito school district bond issue was carried at the recent election. H. O. Jaastad, archt., 96 N Stone Ave., Tucson, has completed preliminary plans for this structure, which will be a brick and conc. high school bldg., containing 3 classrooms, laboratories, sewing and other domestic science rooms, offices, teacher's rest rooms, and an auditorium seating 350.

CLAREMONT, L. A. Co., Cal. — An election will be held June 10 to vote on a $45,000 city school bond issue. W. S. Wood, business mgr. of the board of education.

EL CENTRO, Imperial Co., Cal.—The Mulberry grammar school bond issue carried at the recent election. The issue is for $38,000. The new building will contain 4 rooms with folding doors to that the rooms can be thrown into one.

SAN BERNARDINO, San Bernardino Co., Cal.—The $850,000 court house bond issue will be placed on the ballot at the November general election.

LOS ANGELES, Los Angeles Co., Cal. —An election will be held June 2, in the Pico School district, Los Angeles county, to vote on a $40,000 school bond issue. Trustees are: Arthur W. MacNeil, E. W. Bruce and Sam Lewis.

SANTA ROSA, Sonoma Co., Cal.—Election will be held May 31 in Windsor school improvements. Trustees of district are: Mrs. R. S. Hagadorn, E. A. Small and C. J. Martin.

SACRAMENTO, Cal.—Election will be held May 31 in Sutter School District to vote bonds of $4000 to finance school improvements. Trustees of district are: Mrs. Catherine Mason and T. Pimentel.

BAKERSFIELD, Kern Co., Cal.—An election will be held May 31 in the Rockpile school dist., Kern county, to vote on a $30,000 school bond issue. Trustees are: J. D. Deemer (clerk,), Frank Brown and M. F. Neumarkel.

CHURCHES

Bids Rejected—Figures Being Taken.
CHURCH & SCHOOL Cost, $50,000
WOODLAND, Yolo Co., Cal.
Frame and stucco church and school (tile roof, Spanish style).
Owner—First M. E. Church.
Architect — Tuttle & Tuttle, 357 12th St., Oakland.

Contract Awarded.
CHURCH Cost, $35,000
OAKLAND, NE Cor. 90th Ave. & Holly Street.
Two-story church.
Owner—Fifth Church of Christ Scientist, 90th and Holly St., Oakland.
Architect—Walter O. Lewis, 11 Bacon Bldg., Oakland.
Contractor—Walter O. Lewis, 11 Bacon Bldg., Oakland.

Contract Awarded.
CHURCH Cost, $200,000
BERKELEY, Alameda Co., Cal. No. 2516 Durant St. (Epworth University Church).
Three-story Class A reinforced concrete church (stone or terra cotta exterior).
Owner—Board of Missions of M. E. Church, Nashville, Tenn.
Architect—J. A. Baylor, Louisville, Ky.
Contractor—Lawton & Vezey, 357 12th St., Oakland.

EVERETT, Wash. — Archt. Andrew Willatsen, Walker Bldg., Seattle, completing plans for $60,000 Lutheran church to be erected at 24th St. and Hoyt Ave. Will be brick construction, 100 bl 100 ft seating 500 in main auditorium and 250 in basement.

BEVERLY HILLS, L. A. Co., Cal. — Archt. Carleton M. Winslow, 921 Van Nuys Bldg., is preparing working plans for a church bldg. to be erected at cor. Santa Monica Blvd. and Rodeo Dr., Beverly Hills, for the Beverly Hills Community Presbyterian church; there will be an auditorium to seat bet. 500 and 600 people. Masonry constr., plaster exter., tile rfg., hardw. fls., pine and hardwood trim, gas htg., art glass, etc. $50,000.

LOS ANGELES, Cal.—Archts. Russell & Alpaugh, 1106 Story Bldg., are preparing revised plans for a Synagogue to be erected on Manhattan Pl. between Wilshire Blvd. and 6th St. for Temple Eman-U-el congregation. It will be 1-story and basement, brick constr., press brick and cast stone facing, art glass, tile rfg., pine trim, htg; $125,000.

FACTORIES AND WAREHOUSES

Contract Awarded.
FACTORY Cost, $30,000
EMERYVILLE, Park Ave. and Hubbard Street.
One-story brick factory bldg.
Owner—Letts Oliver Inv. Co.
Lessee—Western Elec. Co.
Engineer—R. Vine Woods, 505 17th St., Oakland.
Contractor—N. J .Christensen, 505 17th St., Oakland.

Contract Awarded.
ADDITION Cost, $175,000
SAN FRANCISCO, NW Corner 10th and Folsom Sts.
Two-story reinforced concrete brick addition to factory.
Owner — Kleiber Company Inc., 1480 Folsom St., San Francisco.
Designers—The Austin Co. of Cal., 605 Market St., San Francisco.
Contractor—Barrett & Hilp.

Sketches Being Prepared.
FACTORY Cost, $—
PLEASANTON, Alameda Co., Cal. on S. P. right-of-way.
Factory building.
Owner—Griffin Envelope Co. of Calif., 25 Fremont St., San Francisco.
Architect—Not selected .
Company will manufacture paper towels, envelopes, windowshades and other paper and pulp products.

Contract Awarded.
WAREHOUSE Cost, $12,000
SAN FRANCISCO, N E 9th & McLea Streets.
Two-story concrete warehouse.
Owner—L. A. Myers, 68 Post St., San Francisco.
Architect—S. L. Hyman & Appleton, 68 Post St., San Francisco.
Contractor—O. W. Britt, 1257 Arguello Blvd., San Francisco.

Contract Awarded.
PACKING PLANT Cost, $10,000
SACRAMENTO, 1609 115 E Sacto.
One-story packing plant.
Owner—J. P. Hynes Pk. Co., 507 F, Sacramento.
Contractor—E. D. Brier, 813 J St., Sacramento.

PASADENA, L. A. Co., Cal. — The Star-News Building Co. filed articles of incorporation creating a $250,000 corp. for the erection of a newspaper plant and business bldg. at E Colorado St. and Oakland Ave., Pasadena. Officers are: Chas. Prisk, Pasadena Star-News; W. F. Prisk, Long Beach Press, and Lon Chapin, assoc. editor Star-News, Pasadena.

LOS ANGELES, Cal.—Archts. John P. Krempel and Walter E. Erkes, Bradbury Bldg., have prepared plans for a 3-story class A addition to be erected at the rear of 117 S Spring St., for the Times-Mirror Printing & Binding Co. Dimensions 70x70 ft, steel frame constr brick filler walls, reinf. conc. floors, steel sash, steel rolling doors, sprinkling system, elevator. Bids are being taken.

LOS ANGELES, Cal.—Archt. C. C. Rittenhouse, 534 Wilcox Bldg., has completed plans and is taking bids for a 2-stry class C factory bldg. to be erected at corner 12th and Crocker Sts. for the Twelfth and Crocker Realty Co. Dimensions 40x140 ft., brick walls, tapestry brick front, struc. steel, comp. rfg., cem. fls., steel sash, metal skylights.

BURLINGAME, San Mateo Co., Cal.—Keaton Tire & Rubber Co., of San Francisco and Los Angeles, is reported to be contemplating the erection of a plant in Burlingame.

LOS ANGELES, Cal.—Stanton, Reed & Hibbard, Metropolitan Bldg., are preparing plans for a 6-story and basement class A warehouse to be erected at s.e. cor. 5th and San Pedro Sts. for E. T. Johnson, Pac. Mutual Bldg. Dimensions, 200x140 ft., reinf. conc. construction, stucco exter., comp. rfg., steel sash, elevators, steel rolling doors, etc.

OXNARD, Ventura Co., Cal.—The Ord Ice Co. will start work within two weeks on two additional bldgs. to the ice plant of the company in Oxnard. Est. cost, $100,000. The new machinery will include a 150-ton refrigerating plant and a 75-ton ice making machine 200 h.p. natural gas engine. Jack Miller manager.

LOS ANGELES, Los Angeles Co., Cal. —C. C. Ruppenthal, 2075 W. Washington Blvd., has completed plans and is taking bids for a bakery building to be erected at 1058 Mignonette St. for the Davis Standard Bakery Co. It will contain offices, baking and oven rooms, wrapping department, loading room, locker room, mixing department, etc., Class B and C construction, 3-story and basement, 150x200 feet, composition roofing, pressed brick facing, steel sash, wire and plate glass, structural steel, magnesite, tiled and cement floors, white tiled and enamel brick interior walls, sprinkler system, metal lath, metal skylights, steam heating, and power plant, electric ovens, fan ventilating system, automatic electric elevator. Cost, $100,000.

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SAN FRANCISCO, CALIF.

SAN DIEGO, Cal.—Vitrified Products Corp. has started work on an addition to its plant at Old Town for the manufacture of vitrified tile and brick. Four additional kilns, for dry-press brick, special face bric, and ornam. brick, are to be erected. Machinery for glazing processes will also be purchased. Est. cost of proposed improvements, $75,000. Victor Kremer, pres.; Arthur W. Savage, secy.

HANFORD, Kings Co., Cal.—C. B. Williams, San Francisco, has leased a site, 200x81 ft. near Banner station, for a packing plant which he will erect. The plant will serve primarily the grape interests.

SEATTLE, Wash.—City contemplates erection of warehouse for municipal light plans at 4th Ave. South and Spokane St., two stories high, 360 by 235 ft. Est. cost, $250,000.

PHOENIX, Maripoca Co., Ariz.—Mine & Smelter Equipment Co. of Phoenix, has been awarded the contract to erect a plant and mill at 16th St. and the Arizona Eastern Railway tracks for the Gypsum Products Co. The buildings will be of "Stefco" ready-cut steel frames. Gilmore Goodland of Morrisston and Phoenix, heads the new company. R. O. Egeland has charge of the construction work for the contractor. The new plant will employ about 50 men.

REDONDO, Los Angeles Co., Cal.—Architect L. B. Pemberton, 630 Esplanade, Redondo, is completing plans for a modern warehouse to be erected on a 1-acre site at Pacific Ave. and Gertruda Ave. for the Robinson-Roberts Co. The site will serve also as a yard for the company's equipment. The Robinson-Roberts Co. conducts a general contracting business.

VERNON, Los Angeles Co., Cal.—Russell Ress, 51st and Alameda Sts., has the contract and has started work on a group of grain elevator and warehouse buildings at 51st and Alameda Sts., for the Globe Grain & Mill Co. There will be 21 elevators 21 ft. high, mill building, 2-story and two 1-story warehouses, reinforced concrete construction, composition roofing, cement floors, steel sash, conveyors, wire glass, etc. Cost, $100,000.

FLATS

Plans Being Prepared.
FLATS Cost, $14,000
SAN FRANCISCO, Bay near Van Ness Avenue.
Two-story and basement frame flats (2 6-room flats).
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Bids Under Advisement.
FLATS Cost, $12,000
SAN FRANCISCO, Clay St.
Two-story and basement frame and stucco flats (2 6-room flats).
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Segregated Figures Being Taken.
FLAT BLDGS. Cost, $20,000
SAN FRANCISCO, S Grove west of Baker Street.
Two 2-story frame flat bldgs (2 flats each).
Owner—W. G. Hind, 70 Hearst Bldg., San Francisco.

FLAT BLDGS. (2) Cost, $15,000 each
SAN FRANCISCO, Leavenworth and Greenwich streets.
Two 2-story and basement frame, stucco and brick veneer duplex flats (3 flats in each).
Owner—Withheld.
Architect — Paul F. DeMartini, 946 Broadway, San Francisco.

Plans Being Prepared.
FLATS Cost, $15,000
SAN FRANCISCO, Powell near Filbert Street.
Two-story and basement frame and plaster (2) flats.
Owner—Mr. Demartini.
Architect — Paul F. DeMartini, 946 Broadway, San Francisco.

Contract Awarded.
FLATS Cost, $14,000
SAN FRANCISCO, NE Filbert & Taylor Streets.
Two-story and basement frame (3) flats.
Owner — Frank Costa, 472 Union St., San Francisco.
Architect—L. Traverso, 854 Union St., San Francisco.
Contractor—V. Filippis, 1527 Powell St. San Francisco.

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO. W 19th Ave 126 S Judah St.
Two-story and basement frame (2) flats.
Owner—Jacob Randell, 1425 Steiner St., San Francisco.
Architect—None.
Contractor—John A. Pereira, 1430 19th Ave., San Francisco.

Contract Awarded.
STORE & FLATS Cost, $10,000
SAN FRANCISCO, W Mission 102-6 N Lee.
Two-story and basement frame store and (2) flats.
Owner—A. Baccaloni and E. Pasquetti, 94 Farrington St., San Francisco.
Contractor—Joseph Novello, 172 Bertita St., San Francisco.

Contract Awarded.
FLATS Cost, $10,000
OAKLAND, 652-54 55th St.
Two-story 11-room flats.
Owner—P. Cerini, 5642 Ayala St., Oakland.
Contractor — E. Campomenosi, 5238 Lawton Ave., Oakland.

Contract Awarded.
FLATS (2) .. .. Cost, $10,000
SAN FRANCISCO, SW 16th 150 W Mission.
Two-story and basement frame flats (2).
Owner—Lester Ball, 164 State Street.
Architect—None.
Contractor—Wm. Horstmeyer Co., 31 Ord St., San Francisco.

GARAGES

Contract Awarded.
GARAGE. Cost, $15,000
SAN FRANCISCO, N 24th 255 E Castro.
Two-story concrete public garage.
Owner—Joseph Pasqualetti, 785 Market St., San Francisco.
Architect—None.
Contractor—American Concrete Co., 785 Market St., San Francisco.

Contract Awarded.
GARAGE Cost, $18,000
OAKLAND, W Broadway 150 N Moss Ave.
One-story brick and tile garage.
Owner—H. B. Henderson, 198 Mountain Ave., Piedmont.
Contractor—D. A. Dinnie, 3757 Broadway, Oakland.

LOS ANGELES, Cal. — Archt. A. G. Bailey, Jr. Orpheum Bldg., has prepared plans for a 1-story brick store and garage bldg. to be erected at s.e. cor. of Washington St. and Oxford Blvd for H. H. Helbush, Bank of Italy Bldg. Dimensions, 100x200 ft., with an extension, 50x50 ft., brick walls, press. brick facing, plate glass, steel beams, comp. rfg., metal skylights, cem. fl.; $45,000.

Res. Phone Piedmont 482
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LOS ANGELES, Los Angeles Co., Cal. —Architect Harry L. Pierce, 603 Wright & Callender Bldg., has completed plans and is taking selected bids for a one-story Class C auto sales and service building to be erected on the northeast corner of Avenue 50 and Pasadena Ave., for the Albertson Motor Co. One-story, 100x125 ft., brick walls, rug. brick front, art stone trim, composition roofing, steel sash, cement and wood floors, plate glass.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO—Bids were opened May 16th, 11 A. M., in the office of the Constructing Quartermaster, Fort Mason, for furnishing and erecting nonclimbable wire fence at Presidio. The Standard Fence Co., 432 Bryant Street, was low bidder and was awarded the contract at $4380. Other biders were. Michel & Pfeffer $7490

BERKELEY, Alameda Co., Cal.—Until June 2, 12 M, bids will be rec. by Supervising Supt., 402 Main Postoffice Bldg., San Francisco, to install two turbine oil burners in Berkeley postoffice. **See call for bids under official proposal section in this issue.**

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, to fur. and del. following materials to Navy stations; date for opening bids as noted at close of each paragraph:

Schedule 2166, eastern and western yards, 710,000 lbs. steel wire nails, June 3.

Sched. 2184, various yards, 54,850 lbs. gum gasket, June 3.

Sched. 2185, various yards, 242,300 lbs. boiler compound, June 3.

Sched. 2186, various yards, 238,900 lbs. calcium chloride, June 3.

Sched. 2187, various yards, 801,000 lbs. white cotton waste, June 3.

Sched. 2190, various yards, 787,000 lbs. calcium carbide, June 3.

Sched. 2196, Mare Island, 32,500 gals. linseed oil, opening Juen 3.

Sched. 2197, various yards, 29,000 bbls Portland cement, June 3.

Sched. 2198, San Diego and Mare Island, 14,900 qts. fire extinguishing liquid, June 3.

Sched. 2212, various yards, 6,520 lbs. acetone, June 3.

Sched. 2209, Mare Island, and Puget Sound, spare parts for coal and oil burning ranges, June 3.

SAN FRANCISCO—Until May 27, 11 A. M., under Order No. 5332-579, bids will be rec. by U. S. Engineer Office, 85 2nd St., to fur. and del. Rio Vista, Solano County, electrical supplies. Lists of materials desired obtainable on request.

MARE ISLAND, Cal.—Bureau of Yards and Docks, Navy Department, Washington, D. C., preparing Specification No. 4979 for psychiatric ward at Mare Island Navy Yard.

PEARL HARBOR, T. H.—Bureau of Yards and Docks, Navy Department, Washington, D. C., preparing Specification No. 4975 for storehouse and case ammunition filling house.

SAN FRANCISCO—Until May 29, 11 A. M., bids will be rec. by U. S. EngineerOffice, 85 2nd St., under Order No. 5336-579, to fur. and del. Rio Vista, Solano county, packings, gaskets, etc. Lists of materials desired furnished on request.

SAN FRANCISCO—Until May 31, 11 A. M., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5342-579 to fur. and del. Rio Vista, Solano county, 10 coils 4-in. cir. and 6 coils 4½-in .cir. Manila Rope, to be "Ship" or "Marine."

SAN FRANCISCO—Until May 29, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5337-579, to fur. and del. Rio Vista, Solano county, pipe, valves and fittings.

HALLS AND SOCIETY BUILDINGS

Contract Awarded.
MASONIC TEMPLE Cost, $26,460
BERKELEY, Colusa Ave.
Two-story frame and stucco Masonic Temple.
Owner—Thousand Oaks Chapter.
Contractor—Larsen-Siegrist Co., Claus Spreckels Bldg., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $10,000
BERKELEY, 2710 Channing St.
Alterations and additions to fraternity house.
Owner—Deta Gama Sorority.
Architect—W. H. Ratcliff Jr., Mercantile Trust Bldg., Berkeley.
Contractor — David Nordstrom, 4146 Emerald St., Berkeley.

Sub Contracts Awarded.
COUNTRY CLUB Cost, $50,000
HAYWARD, Crow Canyon Road off Dublin Highway, 726 acres.
One-story frame and stucco country club.
Owner—East Bay Country Club.
Architect—W. A. Doctor, 388 12th St., Oakland.
Mill work to Lannon Bros., 5th and Magnolia Sts., Oakland.
Flooring to Bonded Flooring Co.
Painting to Retardo Paint Co., Oakland
W. C. Bohanan, secretary of East Bay Country Club, is receiveing bids at his office in the Med Bldg., Oakland, on other portions of the work.

EAGLE ROCK, L. A. Co., Cal.—W. E. Warne, 1111 Marsh-Strong Bldg., has the contract at $26,250 for erecting a lodge bldg. at Eagle Rock for the Eagle Rock Masonic Bldg Assn. E. B. Rust, 523 Black Bldg., archt. It will have library, lounge room, dining room kitchen, billiard room in the first story and lodge rooms in the second story; dimensions, 56x80 ft., frame constr., metal lath and plas. exter., clay tile and comp rfg., pine trim, oak and maple fls., tiled lavatories, water htr., gas rads., ventilating system.

REDONDO BEACH, Los Angeles Co., Cal.—Prior & Church have secured a permit to erect a giant dipper here, costing, $50,000.

LOS ANGELES, Cal. — Architects Schultze & Weaver, Pac. Mutual Bldg., are taking bids for the new class A club bldg. to be erected at n.w. cor. of 6th and Figueroa Sts., for the Jonathan Club. The main club bldg. will be 12-story and basement, 104x176 ft., and will have lobby, stores and service entrance on the main floor; club rooms, dining rooms, gymnasium, plunge, etc., in 2nd, 3rd, 4th, and 5th fls; and dormitory rooms in the upper floors; steel frame constr., limestone and press. brick facing, with an alternate for terra cotta; brick filler walls, reinf. conc fls, marble and tile work, 5 elevators, steam htg. There will also be a 5-story and basement garage bldg. at the rear of the club bldg. on the 6th St. side; dimensions 66x176 ft., with an extension 58x84 ft; reinf. conc. constr., steel sash, ramps. Bids are being taken for all work complete in one contract and are to be opened on June 5th.

SANTA ANA, Orange Co., Cal.—Until 2 P. M., June 3, bids will be received by the trustees of A. F. & A. M. building association for remodeling the present Masonic lodge building at Fifth and Sycamore Sts. Estimate cost, $125,000. The proposed building will be three-story of Spanish design. It will contain six stores on the first floor, lobby, with women's social room; the second to contain lodge room with 500 seating capacity; ballroom, 90x45 ft., on third floor. The latter floor will also contain caretaker's apartments. Brick walls, stucco exterior, variegated Spanish tile roof; plate glass store windows, hot blast heating system; ventilating. Plans by Architect H. Newton Thornton, 313 Hill Bldg., Santa Ana.

SAN FERNANDO, L. A. Co., Cal. — San Fernando Elks, now affiliated with the Glendale lodge, are planning to organize separately and erect a clubhouse in San Fernando.

LOS ANGELES, Los Angeles Co., Cal. —J. S. Metzger & Son, 1007 S. Grand Ave., has the contract to erect a brick garage at the corner of Manhattan Ave. and Washington Blvd. for R. A. Copple. Plans by C. C. Ruppenthal, 2075 W. Washington Blvd. Dimensions, 60x150 ft., 1-story, pressed and rug. brick facing, cement floors, enam. brick trim, metal skylights, wire and plate glass Summerbell roof trusses. Building designed for one future story.

SEATTLE, Wash.—Architect and Engineer Henry Bittman, Securities Bldg., will take bids in two weeks to erect 6-story and basement 175x120 ft., steel and concrete lodge building at 7th Ave. and Union St., for the Fraternal Order of Eagles, Aerie No. 1. Est. cost $1,000,000. Walls will be of sufficient strength to carry 4 additional stories.

HOSPITALS

HIGHLAND, San Bernardino Co., Cal. —Dr. N. C. B. Smith has opened a health resort in Highland, having just completed a modern hollow tile bldg., 32x67 ft., on the old Rabel property on Base Line St. It is fully equipped for therapeutic work. Dr. Smith states that he has interested eastern capitalists who expect to expend about $100,000 in constructing cottages and a hotel adjoining.

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San Francisco, Calif.

LOS ANGELES COUNTY, Cal.—Until 2 P. M., June 9, bids will be received by the Board of Supervisors for erecting four additional two-story frame buildings for employes at Olive View sanitarium, near Sylmar. Bids will be taken separately on the general contract, electrical work, and for plumbing and heating.

LOS ANGELES, Cal. — Archt. Thos. Franklin Power, 2615 W 7th St., has been commissioned to prepare plans for a new bldg. to be erected on College St. near N Broadway for the French Hospital Assn. It will be L-shaped, 3-sto., basement for heating plant; brick walls, stucco exter., reinf. conc. fls. and columns, comp. rfg., tiled baths, steam htg.; $90,000.

POMONA, L. A. Co., Cal.—County supervisors have asked the city council of Pomona to furnish site for proposed county dispensary to be located at Pomona. The proposed bldg. will cost $30,000 and contain emergency hospital, headquarters and offices of city and county health depts. and free clinic with ambulance service. The matter has been arranged by Mayor Thomas R. Ovington and County Health Officer Dr. J. L. Pomeroy. The final arrangements will be made at council meetign May 27.

SACRAMENTO, Cal.—The following bids were opened on May 20th, by George B. McDougall, State Architect for the construction of a Receiving Building at the Mendocino State Hospital at Talmage near Ukiah. Blds were taken for the general electrical and mechanical work. All bids were taken under advisement.

General Work

F. H. Betz, Ochsner Bldg., Sacramento	$103,897
Cochrane Boehm	112,740
Davison & Nicolsen	118,240
F. W. Maurice	118,470
West Coast Construction Co.	122,718
Riley & Nemetz	128,314
Schuler & McDonald	134,997

Electrical Work

Latourrette-Fical Co., 907 Front St., Sacramento	$5059
Radelfinger Bros.	5300
Geo. C. Foss	5347
Woodill & Patterson Co.	5411
Spencer Electrical Co.	5450

Mechanical Work

Hateley & Hateley, Mitau Bldg. Sacramento	$22,222
Luppen & Hawley	22,628
Latourrette-Fical Co.	22,968
Scott Co	27,290
Carl F. Doell	28,105

Combination Electrical and Mechanical Work

Latourrette-Fical Co.	$26,857
Turner Co.	28,380

(49697) 1st report March 4, 1924; 2nd report April 23rd, 1924.

See call for blds under official proposal.

HOTELS

Bids Opened.
HOTEL Cost, $—
MARYSVILLE, Yuba Co., Cal., Fifth and E Sts., 163x119-8.
Five-story reinforced concrete hotel 141 rooms, 11 sample rooms and 80% baths (pressed brick).
Owner—Marysville Hotel Co.
Architect — Edward Glass, Underwood Bldg., San Francisco.
Following is complete list of bids received:

I. C. Evans 802 E St, Marysville	$309,480
Jas. Furlong, San Francisco	322,000
Larsen-Siegrist, San Francisco	335,375
Holdener Const. Co, Sacramento	343,962

All bids under advisement.

Segregated Figures Being Taken.
HOTEL Cost, $60,000 approx.
SAN FRANCISCO, SW Cosmo and Taylor Streets.
Six-story and basement Class C Hotel, (36 rooms).
Owner—Mr. and Mrs. Geo. W. Springer, 1032 Jackson St., San Francisco.
Architect—M. Couchot and J. Rosenwald, 60 Sansome St., S. F.
Contractor—John Spargo, Russ Bldg., San Francisco.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 701 Great Republic Life Bldg., are preparing plans for a class C market and hotel bldg to be erected at s.e. cor. of Yucca St. and Cahuenga Ave. for Jean French. Dimensions, 100x125 ft., brick walls, press. brick facing, plate glass, comp. rfg., steel beams, pine trim, tiled baths, gat rads., etc.

HUNTINGTON PARK, L. A. Co., Cal.—Reid & Ritchie, Huntington Park, have the contract to erect a hotel bldg. at cor. Zoe Ave. and Pacific Blvd., Huntington Park, for J. F. McSwain, 119 E Belgrave Ave., Huntington Park and T. H. Endicott; it will have one large store room on first fl. and 40 hotel rooms with 60% baths on second and third. Brick walls, 3-story and basement, 57-100 ft., rug. brick facing comp. rfg., pine, cement and hardwd. fls., gas steam rads., storage water htr., plate glass, incinerator, tiled baths, water tank on roof for water pressure.

SAN BERNARDINO, San Bernardino Co., Cal.—O. C. Williams Constr. Co., Marsh-Strong Bldg., has completed plans and has the contract to erect a 6-story class A hotel bldg. on E St., near 3rd St., San Bernardino, for C. B. Phillips; it will be known as the Antlers Hotel and will have 150 rms. with 80% baths, 5 stores, lobby, dining room, kitchen, sample rooms, etc. Reinf. conc. constr., 6-story and basement, comp. rfg., hollow tile curtain walls, 135x150 ft., cem., tile, pine and hardwd. fls., steam htg. system, tiled baths, plate glass, 2 elec elevators, vacuum cleaning system, metal store fronts, $286,000.

SEATTLE, Wash.—Archt. Harry E. Hudson, American Bank Bldg., completing plans for six-story steel and concrete "James Hotel" to be erected in James St., bet. 4th and 5th Aves., for Hudson Bros., Inc. John S. Hudson, Empire Bldg., Seattle, has contract to erect. Will contain 60 rooms; est. cost $80,000.

LONG BEACH, Los Angeles Co., Cal.—Victor E. Siebert, architects and Vern D. Hedden, engineer, associate, 203 Brock Bldg., 548 American Ave., Long Beach, have prepared plans for a five-story and basement hotel and store building to be erected at Broadway and Linden Ave., Long Beach, for the Campbell and Byrd Inv. Co. Foundation, 75x60 ft., 3 stores, 56 rooms, face brick exterior, composition roof. story, timber frame above, brick walls, each with bath, steel frame to second

LOS ANGELES, Los Angeles Co., Cal. Architect Saul H. Brown, 528 Union League Bldg., has completed plans for an 85-room Class C hotel building to be erected on 3rd St. near Fremont Ave., for S. Lewis. The building will be 5-story in front and 3-story in the rear, 46x150 ft.; brick walls, pressed brick front, terra cotta trim, structural steel, composition roofing, 100% baths, marble lobby, elevators. Cost, $125,000. Owner will erect by day labor.

SAN BERNARDINO, San Bernardino Co., Cal.—R. E. Durbin is negotiating for a lease at the southwest corner of Fourth and E streets where he proposes to erect a Class A 7-story hotel and store building.

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and
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Samples Submitted
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Res. 4201 Mission St.
Phone Randolph 5982

POWER PLANTS

LONG BEACH, Cal.—Dwight Robinson Co., 302 Union Oil Bldg., Los Angeles, has contract to erect first two units of six units planned for Alamitos Bay Electric Plant of the L. A. Gas & Elec. Corp. The first two units will generate 20,000 h. p. at present, with an ultimate power supply of about 250,000 h. p. Est. cost, $5,000,000. The plant will be a steam auxiliary to generate power for distribution throughout So. Cal. It is said that about 600 men will be started on the work within a short time. William Bauerhyte, pres. of the company. C. C. Thomas is the engr. in charge of the work for the Dwight Robinson Co. Permits for the utilization of tide lands have been secured from the war dept.

LOS ANGELES, Cal.—Until 3 P. M., June 3, bids will be rec. by public service comm., 207 S. Broadway, for switchboard instruments under Spec. P-328. Jas. P. Vroman, Sect'y.

LOS ANGELES, Cal.—Until 3 P. M., May 27, bids will be rec. by public service comm, 207 S Broadway, for cross arms under Spec P-329 Jas. P. Vroman, Secretary.

REDWOOD CITY, San Mateo Co., Cal.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, will expend $38,000 in the reconstruction of high voltage lines and extension of lines to new West Point Cement plant at Redwood City

LOS ANGELES, Cal.—Until 3 P. M., June 10, bids will be rec. by public service comm., 207 S. Broadway, for porcelain insulator and hardware under Spec. P-327. Jas. P. Vroman, Secy.

SANTA BARBARA, Cal.—City Mgr. Herbert Nunn recommends to council that city const. its own power plant betw. Gibraltar Dam and Sheffield Reservoir. It is probable that plans for a two-unit power generator of 50 to 75 h. p. each will be started soon. Cost of the power purchased from the So. Cal. Edison Co. to operate the outfall pumps is est. at $6000 per annum.

PUBLIC BUILDINGS

Plans Being Prepared.
ALTERATIONS Cost, $10,000
PIEDMONT, Magnolia and Highland Avenues.
Alter frame club house into community house.
Owner—City of Piedmont.
Architect—Meyer & Johnson, Bks Investment Bldg., S. F.

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Bids Wanted.
ADDITION Cost, $45,000
PIEDMONT
Two-story frame and stucco addition to city hall and fire house.
Owner—City of Piedmont.
Architect—Meyer & Johnson, 742 Market St., San Francisco.

LOS ANGELES, Cal.—Baker Ice Machine Co., 1805 E 7th St., submitted low bid to county supervisors May 19 at $65,000 for refrigerating equipment, etc., for new Hall of Justice, N Broadway, Temple and Buena Vista Sts. Other bids were: The Carbondale Machine Co., $66,420; Webster Eng. & Mfg Co., $70,968; Gay Eng. Corp., $100,777.

STOCKTON, San Joaquin Co., Cal.—Until May 26, 5 P. M., bids will be rec. by A. L. Banks, city clerk, to fur. 16 Acme filing cabinet containing 12 drawers each of appropriate size in which to file 5x8-in. cards. Cert. check 10% payable to City Auditor req. with each bid. Bond of $500 required of successful bidder. Further information obtainable from clerk.

SACRAMENTO, Calif. — Sacramento Hardwood Floor Co., at $2700 awarded contract by city commission to fur. and lay hardwood floors in Crocker Art Gallery.

LODI, San Joaquin Co., Cal.—Architect Frank Watson, Lodi, commissioned by city trustees to prepare plans for fire engine house to be erected at Lodi Ave. and Sacramento St.

RESIDENCES

Contract Awarded.
PAINTING Cost, $13,643
SAN FRANCISCO, bet. 28th and 30th Aves. and Vicente and Wawona.
Painting for buildings.
Owner — S. F. Protestant Orphanage Society, 520 Lake St., S. F.
Architect—Bliss & Faville, Balboa Bldg San Francisco.
Contractor—A. Quandt & Sons, 180 Jessie St., San Francisco.

Contract Awarded.
DWELLING Cost, $12,364
SAN FRANCISCO, Monterey Blvd, near San Benito Way.
Two-story and basement frame dwlg.
Owner—J. B. & Louise E. Jamison.
Architect — Henry H. Gutterson, 278 Post St., San Francisco.
Contractor—Moore & Madsen, 77 O'Farrell St., San Francisco.

Plans Being Prepared.
COUNTRY HOUSE Cost, $20,000
LOS GATOS, State Highway.
Two-story frame and stucco country house.
Owner—James A. Bachagalupi.
Architect—H. A. Minton, Bank of Italy Bldg., San Francisco.

Plans Being Prepared.
COUNTRY HOUSE Cost, $12,600
LOS GATOS, Santa Clara Co., Cal.
Two-story frame and stucco country house (8 rooms).
Owner—A. Petrini.
Architect—H. A. Minton, Bank of Italy Bldg., San Francisco.

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Plans Being Figured.
RESIDENCE Cost, $8000
SAN FRANCISCO, 22nd Avenue.
Two-story frame and stucco residence.
Owner—Mrs. Anker.
Architect—August G. Headman, Call-Post Bldg., San Francisco.

Contract Awarded.
DWELLINGS Cost, $—
SAN FRANCISCO, 200 225 300 325 E 19th S Pacheco.
Four 1-story & basement frame dwlgs.
Owner—Wm. W. Holey, 1 Montgomery St., San Francisco.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco.

Owner Taking Figures.
RESIDENCE Cost, $15,000
SAN FRANCISCO, 19th Ave.
Two-story frame and stucco residence and garage.
Owner—S. Rasori, 693 Mission St., San Francisco.
Architect—Clarence Tantau, 251 Kearny St., San Francisco.

Contract Awarded.
DWELLING Cost, $10,000
SAN MATEO, Portion 299 & 300 Hillcrest Rd., San Mateo.
Dwelling and garage.
Owner — C. B. Stoner, 288 Primrose, Burlingame.
Contractor — S. A. Wisnom, A & 2nd, San Mateo.

May 16, 1924

Contract Awarded.
DWELLING Cost, $11,500
SAN MATEO, Lot 12 Glazenwood.
Dwelling.
Owner—Chas. H. Seymour, 1500 Burlingame, Burlingame.
Contractor—S. A. Born Bldg. Co., Glazenwood, San Mateo.

Contract Awarded.
DWELLING Cost, $10,000
SAN MATEO, Portion lot 3 Blk 3 A Highway
Dwelling.
Owner—C. H. Elizabeth, Lymbary, San Mateo.
Contractor—Mitchell Jackson & Co 170 2nd Ave., San Mateo.

Figures To Be Taken Shortly.
COUNTRY HOME Cost, $100,000
PEBBLE BEACH, Monterey Co., Cal.
Country home.
Owner—Chas. Templeton Crocker.
Architect — Geo. Washington Smith, Santa Barbara.

Plans Completed.
DWELLINGS Cost, $26,150
BERKELEY, Alameda Co., Cal. Nos. 1208-10-12-14-16-44-1300 Ordway.
Seven dwellings.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None.

Plans Completed.
DWELLINGS Cost, $19,150
BERKELEY, Alameda Co., Cal. Nos. 1206-08-19-51-48 Peralta St.
Five dwellings.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None.

Segregated Figures Wanted.
RESIDENCE Cost, $8000
S GROVE 100 west of Baker.
One-story frame 7-room residence.
Owner—Hind Co.
Architect—W. G. Hind, 711 Hearst Bldg San Francisco.

DWELLINGS Cost, $38,500
SAN FRANCISCO, W Cordova 225 250 275 300 325 350 375 400 S Winding Way and NW Peninsular & Bay Shore Ave; S South Hill Blvd 30 E Munich; S Winding Way 133 E Cordova.
11 1-story and basement frame dwlgs.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.

Plans Completed.
DWELLINGS Cost, $12,000
BERKELEY, Alameda Co., Cal.—Nos. 1643-47-51-55 Tenth St.
Four dwellings.
Owner—Alameda Investment Co., 703 Syndicate Bldg., Oakland.
Architect—None.

Plans Being Figured.
RESIDENCE Cost, $——
BERKELEY, Alameda Co., Cal. Le Conte Avenue.
Two-story frame and stucco residence.
Owner—Robert Sibley.
Architect—Wm. H. Ratcliff, First Nat'l. Bank Bldg., Berkeley.

Contract Awarded.
DWELLINGS. Cost, Approx. $25,000
PALO ALTO, Santa Clara Co., Cal.
Five one-story frame dwellings.
Owner—Names Withheld.
Architect—Birge M. Clark, 600 Embarcadero Road, Palo Alto.
Contractor — W. P. Goodenough, 310 University Ave., Palo Alto.

To be Done by Day's Labor.
HOUSE Cost, $16,000
LAKE TAHOE, Placer Co., Cal.
Two-story frame and stucco country house.
Owner—Walter S. Heller.
Architect—Joseph J. Rankin, Room 610 57 Post St., San Francisco.

Figures Being Taken.
BUNGALOW Cost, $7500
PIEDMONT, Alameda Co., Cal.
One-story frame bungalow.
Owner—F. S. Magennis.
Architect — Hutchinson & Mills, 1214 Webster St., Oakland.

Contract Awarded.
DWELLING Cost, $13,388
BERKELEY, 2929 Ashby Ave.
Dwelling and garage.
Owner — Dr. C. J. Frederick, Easton Bldg., Oakland.
Architect—Wythe, Blaine & Osborne, 514 Central Bank Bldg., Oakland.
Contractor—C. W. Lawrence 5321 Lawton Ave., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $10,000
MARIN COUNTY, Winship Park.
Seven-room frame & plaster residence.
Owner—A. Kolmar.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.

Contract Awarded.
HOUSE Cost, $12,450
PALO ALTO, Lot 4 Blk 68.
One-story frame house and garage.
Owner—H. F. Wilson, 72 22nd Ave., San Francisco.
Architect—Warren Skillings, G. C. Bk. Bldg., San Jose.
Contractor—Wells P. Goodenough, 310 University, Palo Alto.

Contract Awarded.
RESIDENCE Cost, $14,000
SAN FRANCISCO, Balboa Park.
Two-story 8-room frame and stucco residence.
Owner—R. A. Brassy.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor — J. Perkins, East Santa Clara St. ,San Jose.

Contract Awarded.
RESIDENCE Cost, $15,000
BERKELEY, Claremont Court north side of Russell St.
Two-story frame and stucco residence. with tile roof.
Owner—J. Sub Johnson, 2533-A Dwight Way, Berkeley.
Architect—W. H. Ratcliff Jr., Mercantile Trust Bldg., Berkeley.
Contractor — Conner & Conner, 1726 Grove St., Berkeley.

Contract Awarded.
RESIDENCE Cost, $14,600
BERKELEY, Leroy Ave.
Two-story and basement frame and stucco residence.
Owner—Ira Cross.
Architect—Walter Steilberg with H. G. Smith, Humboldt Bk. Bdg., S. F.
Contractor—Tranmal & Bradhoff, 483 Crescent St., Berkeley.

FLINTRIDGE, L. A. Co., Cal.—Archt. and Engr. Truesdale & Newton, 304 San Fernando Bldg., are completing plans and will take bids soon for a 15-rm. Italian style residence, to be erected on Flintridge Ave., Flintridge, for Sidney Glass. Frame and plas. construction, 2-story and basement, tile rfg., gas unit htg. sys., aut. water htr., tile mantel. 2-sto. garage with servants' quarters above. There will be extensive landscaping; $35,000.

FLINTRIDGE, L. A. Co., Cal.—Archt. and Engr. Truesdale & Newton, 304 San Fernando Bldg., have completed plans for a 13-rm. residence to be erected at cor. Flintridge Ave. and Woodlay Lane, Flintridge, for Harry Johansing. Frame constr., cement gun exter., 2-story and basement; tile rfg. gas htg. sys., aut. water htr., 5 tile baths, hardw. and pine fls. and trim. The entire site will be landscaped and there will be formal gardens and terraces; $75,000.

PASADENA, L. A. Co., Cal.—John H. Simpson, 685 S Euclid Ave., Pasadena, has the contract to erect a $25,000 2-story 9-room frame dwelling at 560 San Rafael Ave., Pasadena, for Fred R. Harris. Marston, Van Pelt & Maybury, 25 S Euclid Ave., Pasadena, archts. Found., 48x82 ft., shingle rf., stucco exter., hardwd fls., tile baths and drainboards, unit heating.

SCHOOLS

Plans Being Prepared.
SCHOOL BLDGS. Cost, $400,000
SAN JOSE ,Santa Clara Co., Cal.
One and 2-story reinforced concrete junior high school bldg.
Owner—San Jose High School District.
Architect—W. H. Weeks 369 Pine St., San Francisco, and Binder & Curtis Binder Bldg., San Jose.
Bonds have been voted. The building will be konwn as the Santa Clara St. Junior High School.

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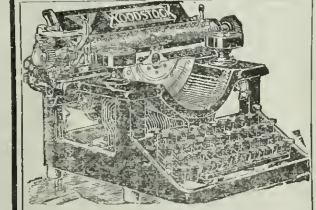

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Completing Plans.
ADDITION Cost, $35,000
VINA, Tehama Co., Cal.
Four additional classrooms and auditorium at grammar school.
Owner—Vina Grammar School District
Architect—Cole & Brouchard, Chico.

Figures To Be Taken Shortly.
SCHOOL Cost, $50,000
RED BLUFF, Tehama Co., Cal., Elm and Rio Streets.
Three-story brick or concrete school 100 by 82 ft.
Owner—Sisters of Mercy, Rev. Philip F. Brady in charge, Red Bluff, Cal
Architect—Cole and Brouchard, Waterland-Breslauer Bldg., Chico.

Plans Being Prepared.
AUDITORIUM ETC. Cost, $60,000
SUTTER CREEK, Amador Co., Cal.
Combination auditorium and gymnasium bldg. and a manual arts bldg.
Owner — Sutter Creek Union High School.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Sub Contracts Awarded.
SCHOOL Cost, $150,000
PIEDMONT, Alameda Co., Cal.
One and 2-story reinforced concrete Junior High School.
Owner—Piedmont School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
General Contractors — Hannah Bros., 142 Sansome St., San Francisco.
Roofing to Standard Roofing Co., 4057 San Pablo Ave., Oakland.
Glass to Tyre Bros., 666 Townsend.
Tile to Gladding McBean & Co., Crocker Bldg.
Galvanized iron to Oakland Machinery Co., 569 3rd St., Oakland.
As previously reported, other awards were: steel to Badt-Falk, Call Bldg, S. F., $9000; concrete to J. H. Fitzmaurice, 698 Walla Vista, Oakland, $24,000; lumber to J. H. McCallum, 748 Bryant St., San Francisco.

Bids To Be Taken in Thirty Days.
SCHOOL Cost, $400,000
SAN JOSE, Grant St.
One and 2-story reinforced concrete junior high school.
Owner—San Jose Junior High School District.
Architect—W. H. Weeks, 369 Pine St., S. F. and Binder & Curtis, 255 S 1st St., San Jose.
This structure will be known as the Grant St. Junior High School.

Sub Contracts Awarded.
FIXTURES, ETC. Cost, $—
LOS GATOS, Santa Clara Co., Cal.
Special fixtures, program clocks, kitchen and cafeteria equipment, electric fixtures and steel lockers for 2-story reinforced concrete high school.
Owner—Los Gatos Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Lighting to Roberts Mfg. Co., 663 Mission St., S. F., $1292.
Program clocks to Pacific Electric Clock Co., 86 3rd St., S. F., $1450.
Cafeteria equipment rejected.
Special furnishings under advisement
As previously reported, steel lockers was awarded to G. H. Trask, 39 Natoma St., S. F., at $888.

Sub Contract Awarded.
SCHOOL Cost, $80,000
SAN FRANCISCO, E Fair Oaks 125 S 24th.
Two-story class B concrete school.
Owner—Roman Catholic Archbishop of San Francisco 1100 Franklin St., San Francisco.
Architect—A. I. Coffey, 312 Humboldt Bank Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Lumber to Loop Lbr. Co.
Figures are being taken on other portions of work.

General Contract Awarded.
SCHOOL Cost, $60,000
FOLSOM, Sacramento Co., Cal.
One-story brick high school bldg. (7 classrooms and combination gymnasium and auditorium.
Owner — Folsom Union High School District
Architect — Geo. Sellon & Co., Mitau Bldg., Sacramento.
Contractor—H. Holt, Calif. State Life Bldg., Sacramento.

Bids To Be Taken Next Week.
SCHOOL Cost, $150,000
ALAMEDA, Alameda Co., Cal., Central Ave., bet. Mound and Court.
Two-story and basement brick school bldg. with stucco exterior and composition roof.
Owner—City of Alameda.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.
Segregated bids will be taken.

Plans Being Figured—Bids Close June 12, 1924.
SCHOOL Cost, —
PALO ALTO, Santa Clara Co., Cal., Block 81.
Reinforced concrete elementary school
Owner—Palo Alto City School District.
Architect—Allison & Allison, Hibernian Bldg., Los Angeles, and Birge M. Clark, associates, Palo Alto, Cal.

THE SCENE of this comedy-tragedy.
IS IN the Post Office lobby.
AT FOLSOM.
OR HALF a mile.
FROM THE rock-crushing plant.
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AT PRATTROCK, Sacramento County.
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OVERHEARD TWO ladies talking.
AND MRS. "Wise" said.
SHE READ this near literature.
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ON EACH Saturday.
AND MRS. "Wise" said.
SANDY'S STUFF was good.
BUT MRS. "YET TO LEARN."
SAID SANDY'S almost comedy.
WAS THE bunk.
WHATEVER THAT means.
AND SHE placed.
ONE MORE nail.
IN SANDY'S literary casket.
BY TELLING her girl friend.
THAT ALL Sandy wrote about.
WAS HIMSELF.
BUT MRS. "YET TO LEARN."
IS MISTAKEN.
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DOES TALK about himself.
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BUT TOMORROW just listen.
TO THE conversations.
AROUND YOU and see.
IF IT is not.
"I DID this."
AND "I said so and so."
ANYWAY, OUT of the three.
IN THE Folsom Post Office.
THREE READ this near literature.
BY SANDY Pratt.
FIRST MRS. "Wise."
AND MRS. "YET TO LEARN."
PUBLICLY ACKNOWLEDGED the crime.
AND SURELY Sandy's friend.
IS A reader.
OF THESE non-interesting columns.
BUT DO the 43,000 subscribers.
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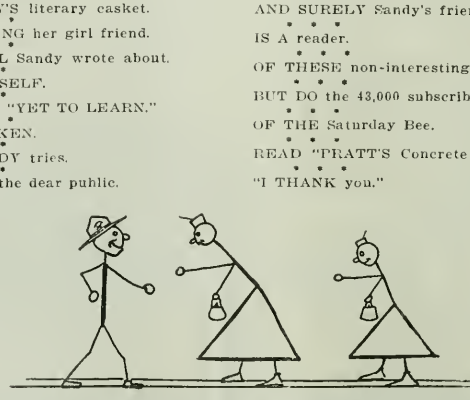

Sandy Pratt, President of the Pratt Building Material Co. and producer of crushed rock, clean, sharp sand and washed gravel, would like to walk into the Folsom Post Office and greet the two ladies that read "Pratt's Concrete Mix" in the Sacramento Bee each Saturday.

Plans Being Figured—Bids Close June 5, 8 P. M.
SCHOOL Cost, $—
SAN RAFAEL, Marin Co., Cal.
Two-story reinforced concrete school building.
Owner—San Rafael High School Dist.
Architect—Shea & Shea, Chronicle Bldg San Francisco.
Bids will be received under the following segregations:
(1) General work, viz: excavations, concrete work, carpenter work, iron work, metal work, roofing, plastering, painting, glazing, masonry, etc.
(2) Plumbing and gas fitting.
(3) Electric work.
(4) Heating and ventilating.
See call for bids under official proposal section in this issue.

Sub Contracts Awarded.
OPERA CHAIRS ETC. Cost, $—
MT. VIEW, Santa Clara Co., Cal.
Opera chairs, electric fixtures, motion picture and cafeteria equipment, and domestic science ranges.
Owner—Mt. View High School District
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Cafeterin equipment awarded to Nathan Dohrmann, Stockton & Geary Sts., at $1575.30.
Stage curtains and scenery to Western Scenic Studio, $1835.

Figures Being Taken—To be Opened June 2, 1924.
SCHOOL Cost, $25,000
ORINDA PARK, near Richmond, Contra Costa Co., Cal.
One-story cement block school bldg.
Owner—Orinda Park School District.
Architect—James T. Narbett, 910 MacDonald Ave., Richmond.

Figures Being Taken — Bids To Be Opened June 7, 1924.
SCHOOL Cost, $85,000
GONZALES, Monterey Co., Cal.
One-story reinforced concrete school (8 rooms and an auditorium).
Owner—Gonzales Grammar School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.

SACRAMENTO, Cal.—Until May 26, 5 p. m., bids will be rec. by Chas. C. Hughes, secy. Board of Education, to lay 10,000 sq. ft. conc. walks at high school grounds. Cert. check 10% payable to Board of Educ. req. Plans obtainable from secretary.

POMONA, L. A. Co., Cal.—William H. Weeks, 369 Pine St., San Francisco, and Robert Orr, 1305 Corporation Bldg., assoc. archts., have completed plans for a gymnasium bldg. and a shop bldg. to be erected at Pomona, for the Pomona High School District .Brick walls, 1-story, cem. and maple fls., metal skylights, gas htg. system ,lockers, comp. rfg., wood roof trusses; $125,000. Bids will be advertised for next week.

SAN DIEGO, San Diego Co., Cal. — Plans for the Point Loma high school have been approved by the board of education and contracts will be advertised as soon as working drawings are completed. Edwin T. Banning, San Diego, archt. The bldg. will cost $200,000. It will be of Spanish-Moorish style architecture, with stucco exter. and Mission tower. There will be accommodations for about 900 pupils. Three-story in front, two at rear, containing 12 classrooms, library 26x58 ft., cafeteria, kitchens, gymnasium, assembly and recreation rooms, printing shops, wood-working dept., domestic science quarters, furnace and bicycle rooms, teachers' rooms, offices, girls' rest rooms, commercial dept., with banking room, science laboratories, etc. Reinf. conc. and brick constr. with stucco exter. similar to the Roosevelt Junior high school bldg. The bldg. is to occupy a 10-acre site on Chadwick Blvd.

SANTA MONICA, Los Angeles Co., Cal — Plans prepared by Architect Francis D. Rutherford, Santa Monica, for a 4-room and kindergarten elementary school building at 24th and Montana Sts., have been approved by the Board of Education. Est. cost, $45,000.

LONG BEACH, Los Angeles Co., Cal. —Until 8 P. M., June 9th, bids will be received by Secretary Price, board of education, 415 Markwell Bldg., Long Beach, for erecting the new two-story 18-room unit at the Edison elementary school, Long Beach. Separate bids on general contract, plastering, painting, plumbing, electrical heating and ventilating. Cost, about $180,000. H. L. Gogrety, 413 Marine Bank Bldg., Long Beach, and Noerenberg & Johnson, 401 L. A. Railway Bldg., Los Angeles, associate architects. Fourteen classrooms, 300-seat auditorium, open air playroom, kindergarten. Brick walls, tile roof, concrete and maple floors, steam heating, pine and hardwood floors and trim.

CORNING, Tehama Co., Cal. — Until June 9, 8 p. m., bids will be rec. by W. C. Smith, clerk, Corning Union High School istrict, to erect and complete gymnasium building. Woollett and Lamb, architects, Mull Bldg., Sacramento. Cert. check 10% payable to Board of Trustees of dist. req. Plans obtainable from architects on deposit of $15, returnable.

LEMOORE, Kings Co., Cal.—Until June 7, 7 P. M., bids will be rec. by Lemoore Union High School District to furnish cork carpet and linoleum for high school. Further information obtainable from clerk of district.

SAN FRANCISCO — Jos. Greenback, 180 Jessie St., at $6925 awarded contract by Board of Public Works for alterations to Yerba Buena school in Greenwich St., bet. Webster and Fillmore Sts.

HOLLISTER, San Benito Co., Cal.—Until May 31, 10 A. M., bids will be rec. by Mrs. Waldo Rohnert, Clerk, Ausaymas School District, to erect one-room addition to present school. Cert. check 10% payable to clerk req. Plans on file in office of county Sup't. of Schools at Hollister.

WHITTIER, Cal.—The following bids were opened May 20, 1924, for the tile and base in the kitchen building at the Whittier State School at Whittier, Los Angeles Co., Cal.
Musto & Sons-Keenan Co., 535 North Point St., S. F. $2842
H. P. Fischer Tile & Marble Co... 2678
Brunner Marble & Tile Co..... 2975
All bids were taken under advisement.

TUPMAN, Kern Co., Cal.—Until May 29, 5 p. m., bids will be rec. by J. L. Green, clerk, Elk School District, for alterations and additions to one-story frame school. Chas. H. Biggar, architect, 405 Bank of Italy Bldg., Bakersfield. Cert. check 10% payable to Bd. of Trustees of dist. req. Plans obtainable from architect.

LONG BEACH, L. A. Co., Cal.—J. D. Sherer & Son, 1865 E Anaheim Ave., Long Beach, was low bidder at $72,157 for the general contract for the new unit at the Roosevelt school, Long Beach. Other low bids were: William Vult, plastering, $7000; W. McArthur, htg. and vent., $13,482; Hickman Bros., plumbing, $3946; R. E. Swan, painting, $2980; Jensen Elec. Co., wiring, $4937; W. Horace Austin, 521 Pac. S. W. Bldg. Long Beach and John C. Austin, Detwiler Bldg., L. A., assoc. archt. I

LONG BEACH, L. A. Co., Cal.—W. G. Reed, 815 Pac. S. W. Bldg., Long Beach was low bidder at $119,400 on the general contract for the new Whittier school unit in Long Beach. Other low bids were: Hickman Bros., plumbing, $8755; R. E. Swan, painting, $6100; Hickman Bros., htg. and vent., $11,663; W. G. Reed, plastering, $13,800; Jensen Elec. Co., wiring, $4485; George M. Lindsay ,Laughlin Bldg., L. A. and Harvey H. Lochridge, Markwell Bldg., Long Beach, assoc. archts.

SANTA MONICA, Los Angeles Co., Cal.—Board of Education has given its final approval to plans for a new section of Santa Monica major high school that will provide for 500 students and a new and larger library. A call for bids was ordered. Est. cost, $132,000.

HANFORD, Kings Co., Cal.—Until 5 P. M., May 26, bids will be received by trustees of the Hanford Grammar School District, Kings County, for the following work in connection with the new grammar school to be erected in the city of Hanford. Bids will be received as follows: Blackboards, window shades and linoleum, heating and ventilating, plumbing. Plans and specifications may be seen at the office of the architect, W. H. Weeks, 369 Pine St., San Francisco, or at the office of the principal of the grammar school, Central Grammar School. Cert. chk. 5%. E. R. Nash, president of the board.

EUREKA, Humboldt Co., Cal.—Until June 2, 7:30 P. M., bids will be rec. by Geo. B. Albee, City Sup't. of Schools, to paint following school buildings: Franklin, Lafayette, Marshall, Washington and Jefferson schools. Cert. check 5% payable to Eureka School District req. Specifications obtainable from Sect'y.

McFarland, Kern Co., Cal. — Until June 7, 1:30 p. m., bids will be rec. by Ben C. Shick, clerk, McFarland Union School District, to erect 6-room school building. Separate bids desired for heating. J. M. Saffell, architect, 924 19th St., Bakersfield. Cert. check 10% payable to clerk req. Plans obtainable from architect. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Los Angeles Co., Cal. —The architectural department of the board of education has completed plans for a new building to be erected at Lincoln high school site at North Broadway and Lincoln Park Ave. It will contain eight rooms; 3-story, 38x87 ft., brick and concrete construction. Cost, $50,000. The board of education will advertise for bids shortly.

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VALLEY HOME, Stanislaus Co., Cal. —Until June 2, 7:30 P. M., bids will be rec. by O. J. Weiber, Clerk, Thalheim School District, to construct lavatory addition to present school. Cert. check 10% req. Plans obtainable from clerk.

BAKERSFIELD, Kern Co., Cal. — Until June 2, 8 p. m., bids will be rec. by B. R. Fitzgerald, clerk, Kern County Union High School District, to (1) fur. and install water pump, (2) fur. and install water pressure tank storage system and (3) equipment for machine and automobile shops at high school. Spec. on file in office of Principal, High School Building, Bakersfield.

BANKS, STORES & OFFICES

Contract Awarded.
BUILDING Cost, $25,000
SAN FRANCISCO, W Howard 412-6 W 6th St.
Two-story concrete building.
Owner—H. J. Zett.
Engineer & Contractor—J. H. Hjul, 128 Russ St., San Francisco.

Contract Awarded.
LOFT BLDG. Cost, $70,000
SAN FRANCISCO, W 3rd 125 S Brannan.
Two-story concrete loft building.
Owner—Walter H. Sullivan, Inc., Alexander Bldg., San Francisco.
Contractor — Geo. Wagner, Inc., 181 South Park, San Francisco.

Contract Awarded.
ALTERATIONS Cost, $15,000
SAN FRANCISCO, Market St. between 3rd and 4th Sts.
Alterations to Pershing Market.
Owner—Elmer S. Ekbom, 311 4th St., San Francisco.
Architect—Vernon W. Houghton, 275 Post St., San Francisco.
Contractor—A. L. Stone, 1002 Nevada Bank Bldg., San Francisco.

Contract Awarded.
STORE & COTTAGE Cost, $19,500
SAN FRANCISCO, S Chestnut 80 E Buchanan.
Two-story and basement frame store bldg. and cottage in rear.
Owner—A. J. & Christina Holmer, 62 San Jose, San Francisco.
Contractor—John C. Thomas, 1420 Balboa, San Francisco.

Plans Being Prepared.
BANK & OFFICE Cost, $100,000
LONG BEACH, Cal.
Reinforced concrete bank and office building (heighth not decided).
Owner—Bank of Italy, Long Beach.
Architect—N. A. Minton, Bank of Italy Bldg., San Francisco.

Contract Awarded.
RESTAURANT Cost, $20,000
RICHMOND, MacDonald Ave.
One-story brick restaurant building.
Owner—Chas. M. Berry
Lessee—Dens' Sweets.
Contractor—Carl Overaa, Richmond.

Plans Being Revised.
OFFICE BLDG. Cost, $100,000
OAKLAND, 13th and Franklin Sts.
Five-story class C office building.
Owner—Karl Raentsch.
Architect—H. H. Winner, 55 New Montgomery St., San Francisco.

Contract Awarded.
BUILDING Cost, $50,000
SACRAMENTO, 1012 K.
Two-story and basement building.
Owner—Herman Davis 1010 K Sacramento.
Contractor — McGillivray Const. Co., Folsom Blvd. and 65th, Sacramento

Bids Being Taken.
STORE BLDG. Cost, $15,000
SACRAMENTO, Cal., 3rd Ave. and Oak Park.
One-story concrete and brick store building.
Owner—Lewis Estate Co.
Lessee—Skaggs Grocery.
Architect—Hemmings & Starks, Ochsner Bldg., Sacramento.

Contract Awarded.
STORES Cost, $14,000
OAKLAND, NE 14th St. 40 E 34th Ave.
One-story stores.
Owner—Chas. M. Wood, Syndicate Bldg Oakland.
Architect—Edwin T. Foulkes, 357 12th St., Oakland.
Contractor — Jas. H. Pedgrift, 4110 Broadway, Oakland.

To Prepare Plans.
OFFICE BLDG. Cost, $200,000
SAN FRANCISCO, SE Cor. Van Ness Ave. and Hayes St.
Four-story class A office bldg.
Owner—Calif. State Automobile Association.
Architect—George W. Kelham, Sharon Bldg., San Francisco.

Sub Contracts Awarded.
BANK BLDG. Cost, $20,000
MARTINEZ, Contra Costa Co., Calif., Main St.
One-story reinforced concrete bank building.
Owner—The National Bank of Martinez Martinez, Cal.
Architect—A. A. Cantin, 727 Foxcroft Bldr., San Francisco.
Contractor—H. S. Mendenhall, Martinez
Cabinet work awarded to Mullen Mfg. Co., 64 Rausch, San Francisco.
Marble work to Ray Cook Marble Co., Powell St., Oakland.
Bronze work to Calif. Artistic Metal & Wire Works, 349 7th St., San Francisco.

Sub Contract Awarded.
LOFT BLDG. Cost, $80,000
SAN FRANCISCO, W 3rd 125 SE Brannan.
Two-story and basement reinforced concrete loft bldg.
Owner — Walter Sullivan, Alexander Bldg., San Francisco.
Contractor—Geo. Wagner, 181 So. Park San Francisco.
Wiring awarded to H. F. Biddle.
As previously reported, the plumbing was awarded to Jas. H. Pinkerton, 927-31 Howard St., San Francisco.

Contract Awarded.
STORE & OFFICE Cost, $11,500
OAKLAND, S Hopkins St., 34 E Fruitvale Ave.
One and 2-story brick and tile store and office bldg.
Owner—S. Garfinkle, 527 37th St., Oakland.
Contractor—M. F. Sommarstrom, 738 E-17th St., Oakland.

Bids Opened.
STORE & OFFICE Cost, $—
KLAMATH FALLS, Oregon.
Two-story brick store and office bldg.
Owner—W. F. Hopka.
Architect — Frederick S. Harrisson, Peoples Bank Bldg., Sacramento.

General Contract

J. P. Brennan, Redding, Cal.....$31,018
Frederick Betz, Sacramento.... 32,199
Cofer Bros., Klamath Falls, Ore. 32,219
Warders & Hite, Marysville.... 32,462

Terra Cotta

Gladding, McBean Co.....$2550

Travertile

P. Grassi & Co. 2100

All bids were taken under advisement.

Contract Awarded.
ADDITION Cost, $27,769
SAN FRANCISCO, NW Montgomery & Sacramento St.
One-story addition for offices; remove and reconstruct partitions and stirways.
Owner—J. Levy and J. Goldstein.
Contractor—R. W. Moller, Call Bldg., San Francisco.

May 21, 1924

Contract Awarded.
STORES Cost, $58,000
OAKLAND, E Franklin St. 60 N 17th St.
Three-story brick stores.
Owner—G. F. Hengen, 805 Syndicate Bldg., Oakland.
Contractor—F. A. Muller, 850 Syndicate Bldg., Oakland.

HUNTINGTON PARK, Los Angeles Co., Cal.—Architect A. S. Heineman, 831 San Fernando Bldg., has completed plans and is taking bids for a bank and office building to be erected at the southeast corner of Pacific Blvd. and Clarendon Ave., Huntington Park, for the Hellman Commercial Trust & Savings Bank; the first floor will have banking space and several stores and the upper floors will contain about 45 offices. Brick walls, 3-story, 33x150 ft., composition roofing pressed brick facing, art stone trim, plate glass, structural steel, cement, tile and hardwood floors, elevator, vault and vault doors, etc.

LOS ANGELES, Los Angeles Co., Cal. —Stanton, Reed & Hibbard, 620 Metropolitan Bldg., have the contract to erect a two-story store and office building at the southeast corner of 7th St. and Westmoreland Ave. for Chas. E. Grosse, 1123 Buena Vista St., So. Pasadena. Two-story, 110x140 ft., brick walls, pressed brick and stucco exterior, plate glass, steel beams, composition roofing, metal skylights, pine and hardwood trim and floors, tile and marble work, gas heating. Cost, $105,000.

LOS ANGELES, Los Angeles Co., Cal. —Architects John and Donald B. Parkinson, 420 Title Insurance Bldg., have completed plans and are taking bids for erecting a Class A addition to the telephone building at Glendale for the Southern California Telephone Co. It will be 3-story and basement, 40x94 ft., reinforced concrete constduction, stucco exterior, steel sash, etc.

LOS ANGELES, Los Angeles Co., Cal. Standard Cabinet Works, 1800 E. Washington St., has the contract for altering store building at 722 W. 7th St., for the E. C. Collins Millinery Co. Chas. E. Plummer, 1108 Story Bldg., is the architect. The work will consist of altering the first 3 stories into laides' ready-to-wear store, new front, hardwood and tile floors, hardwood and pine fixtures, electric wiring, plastering, painting and decorating, plate glass, etc. Plastering let to Fred E. Potts, Loew State Bldg., and electric wiring let to Foulkes Elec. Co., 735 S. Wall St.

LOS ANGELES, Cal.—Fred L. Wilkie, pres. of the Guaranty Corp., Central Bldg., is reported buying the 170x140 ft. site at 1825 N Highland Ave. for the erection of a $400,000 class A bldg.

LOS ANGELES, Cal.—Archt. Frank M. Tyler, rm. 12 Bailford Bldg., 634 S Western Ave., is preparing plans for a 3-story brick loft bldg. to be erected by day work on Wall St., owners name withheld. Found., 40x120 ft., press. brick facing, cement lower floor, wood upper floors, fire escapes, comp. rf., elevator, steel sash.

YUBA CITY, Sutter Co., Cal.—Marders & Hite, 515 D St., Marysville, at approx. $20,000 awarded contract to erect 'Producers' Bank Building at Plumas and Scott Sts. Will be one-story, ornamental pressed brick and concrete construction.

SAN PEDRO, L. A. Co., Cal.—Archt. Rudolph Falkenrath, 202 Detwiler Bldg has completed plans for a class C store and hotel bldg. to be erected at cor. 10th St. and Pacific Ave., San Pedro, for A. J. Glover; it will contain 5 stores and 24 hotel rooms. Press. brick facing 2-story, comp. rfg., plate glass, cement and pine fls., gas rads, unit water htr., tiled store entrances, pine trim, metal store fronts, marble bulkheads.

LOS ANGELES, Cal.—Archts. Bliss & Faville, San Francisco, are taking bids for erecting a class A telephone bldg. on Olive St., bet. 4th and 5th Sts., for the Southern California Telephone Co. It will be 150 ft. high, 9 stories, 120x171 ft., steel frame, brick filler walls, press. brick and terra cotta facing, steel sash, plate glass, reinf. conc. fls., elevators, steam htg.; $800,000.

LOS ANGELES, Cal.—Archt. Fred R. Dorn, 525 Marsh-Strong Bldg., has completed plans and is taking bids for erecting a store, school and garage bldg. on 6th St. extending from Rampart Blvd. to Benton Way for the Rampart Blvd. Co. It will have 16 stores and garage in the first story and a business college in the second story; dimensions, 207x142 ft., brick walls, stucco and cast stone exter., plate glass steel beams, cem. and oak fls., wood roof trusses, comp. rfg., metal skylights, steel sash, gas rads., water htr.

LONG BEACR, Los Angeles Co., Cal. —Architect H. Alfred Anderson, Palace Theatre Bldg., Pine Ave., near First St., Long Beach, is preparing plans for a three-story brick store and office building to be erected at the southwest corner of Pine Ave. and 9th St., Long Beach, for J. S. Stameson. Two stores, 10 offices. Foundation, 50x75 ft., face brick, plate glass and marble base front, composition roofing, tile marble and hardwood floors, linotile hallway coverings, hot water system, gas or electric heating.

SANTA MONICA, Los Angeles Co., Cal.—Western State Court Co. has the contract at about $45,000 to erect a brick and concrete store building two-story high at 718-34 Santa Monica Blvd., for Marion MacDonald and E. J. Young. Webster & Crysler, designers.

LOS ANGELES, Los Angeles Co., Cal. —Architect Chas. F. Plummer, 1108 Story Bldg., is preparing plans for a Class B cafeteria building to be erected at 534 S. Hill St. for Boos Bros. It will be erected on the south 60 ft. of the property and the south half of the present building will be wrecked, the other section to be used as cafeteria while new building is under construction. Brick walls, 3-story and basement, 60x155 ft., reinforced concrete 1st floor and basement, pressed brick and plaster facing, composition roofing, structural steel, plate glass, tile, maple and concrete floors, electric elevator, steam plant for cooking and steam tables, steel sash; the interior will be of Italian architecture with beamed ceiling and oak paneling.

LOS ANGELES, Los Angeles Co., Cal. Milwaukee Building Co., 315 Wright & Callender Bldg ,is preparing plans for a Class A store and office building to be erected at the southwest corner of 10th and Flower Sts., for the Pan-American Petroleum Co. It will be designed for 12 stories, of which five or eight stories will be erected at the present time. The cost will be $500,000.

ORANGE, Orange Co., Cal.—O. B. McDowell, George B. Velarius and G. W. Struck, representing the McDowell-Velarius, Inc., have announced the purchase of the greater part of a block on West Chapman Ave. between Olive and Lemon Sts. as a site for a four-story business building which the company will erect. The site is 172x118 ft. The estimated cost of the building proposed is between $350,000 and $400,000.

KLAMATH FALLS, Ore.—Architects Coates and Traver, Rowell Bldg., Fresno, Calif., have completed plans for 4-story fireproof office addition to Hart Building, 7th and Main Sts., and work will be started under the supervision of H. E. Perrin of Klamath Falls. Structure is owned by H. H. and V. S. Hart.

HUNTINGTON PARK, Los Angeles Co., Cal.—Alexander Constr. Co., 260 S. Pacific Blvd., Huntington Park, has completed plans and has the contract to erect a 1-story top addition to 1-story store building at 230 S. Pacific Blvd., Huntington Park, for A. Pomb. It will contain 32 offices. Brick walls, 50x140 ft., pressed brick facing, composition roofing, oak floors, tiled toilets, gas radiators, water heater, hot and cold water in each office, metal skylights, wire glass, pine trim. Cost, $20,000.

THEATRES

Bids Being Taken.
THEATRE Cost, $120,000
SACRAMENTO, Sacramento Co., Cal. Cor. Thirty-third St. and Sacramento Blvd.
Class A store and theatre building.
Owner — M. Blumenfeld and Samuel Gordon.
Architect—Reid Bros., 105 Montgomery St., San Francisco.

Bids Being Taken.
BRICK THEATRE Cost, $100,000
SACRAMENTO, Oak Park.
Brick theatre, 4 stores and 4 offices, 1500 seating capacity.
Owner—Withheld.
Architect—Mark T. Jorgensen, 110 Sutter St., San Francisco.

Sub-Contracts Awarded.
THEATRE & STORE Cost, $45,000
SAN FRANCISCO, S Third St., 41-3 N of Quesada St.
Class A theatre and store building (cement exterior and tile roof).
Owner—Otto Roeder.
Architect—Chas. Strothoff adn Gustave Stahlberg, 2274 15th St., S. F.
Contractor—S. Rasori, Williams Bldg., San Francisco.
Structural steel awarded to Central Iron Works, 2050 Bryant St., S. F.
Reinforcing steel to W. S. Wetenhall Co., NE 17th and Wisconsin Sts., San Francisco.
Miscellaneous items to Michel & Pfeffer 1415 Harrison St., S. F.

Bids Opened
THEATRE Cost, $100,000
SAN FRANCISCO, N Jackson St., bet. Grant Ave. and Kearny St.
One-story class A theatre (850 seats, Oriental architecture).
Owner—Lun Hop Co., owners of Crescent Theatre.
Architect—Albert Schroepfer, 68 Post St., San Francisco.
Robt. Sheridan, 1014 Webster St., Oakland $87,500
Richard Forbes 97,475
Vukicevich & Bagge 97,773
H. L. Pederson 99,333
H. H. Larsen Co. 99,740
Barrett & Hilp 104,000
S. G. Johnson 104,975
Littlefield 109,750
All bids were taken under advisement.

LOS ANGELES, Los Angeles Co., Cal. —L. A. Smith, Lilly-Fletcher Bldg., 3rd St. and Western Ave., Los Angeles, has completed plans for a $100,000 2-story concrete theatre, store and studio building to be erected at 202 Beverly Drive, near Wilshire Blvd., Beverly Hills, for D. M. Quinlan, to be occupied by the West Coast Theatres, Inc., Ralph D. Hornbrook, agent. Four stores, 2 studios and theatre. Foundation, 100x150 ft., stucco exterior, art stone trim; cement, wood, brick and tile floors, composition roof, marble toilet partitions, steel beams, sprinkler system, gas radiators.

LOS ANGELES, Los Angeles Co., Cal. —L. A. Smith, 301 S. Western Ave., has completed plans for a theatre, store and office building to be erected at the northeast corner of Pasadena Ave. and Ave. 56 for West Coast Theatres, Inc. It will be 2-story, 100x151 ft., brick and concrete construction, pressed brick and terra cotta facing, plate glass, marble and tile work. Cost, $200,000.

LOS ANGELES COUNTY, Cal.—W. A. Taylor, Pasadena, has the contract to construct a Greek theater at Eakle Rock Bowl on the Occidental College campus. Work includes grading and concrete work and will cost about $50,000. Myron Hunt, 1107 Hibernian Bldg., architect.

LOS ANGELES, Cal.—Lawrence McConville, 3205 W Washington St., has completed plans and has the contract to erect a store and theater bldg., at cor. 61st and Main Sts., for J. A. Piuma; it will have a seating capacity of 800 people and there will be 2 stores. Brick walls, press. brick facing and cast stone exter., comp. rfg., cem., tile and hardwd. fls., plate glass, gas htg., fan vtg. system, ornam. iron work, staff work, wood roof trusses, metal lath; $35,000.

LA JOLLA, San Diego Co., Cal. — Archt. William H. Wheeler, 338 Spreckels Bldg., San Diego, has completed plans for a 2-story modern Mission style theater and store bldg., 74x140 ft., to be erected at the cor. of Girard and Wall Sts. It will contain the "Jewel" theater, having a seating capacity of 900 (275 in balcony) and 20-ft. stage, 6 stores and quarters at the corner for the U. S. National Bank, 17 offices or living rooms on the second floor; cost about $125,000. The bldg. will have ornam. front with tile copings and Mission belfries on both street fronts.

DOWNEY, Los Angeles Co., Cal.—J. F. Baker, Downey, has purchased the northwest corner of Second St. and Crawford Ave., Downey, and contemplates erecting a $100,000 store and theatre building. The building will cover the entire site which is 106x140 ft. There will be several stores and the theatre will have a seating capacity of about 800 people.

WHARVES AND DOCKS

VENICE, Los Angeles Co., Cal.—Architect O. L. Clark, 521 Chapman Bldg., is preparing working drawings for an amusement pier to be erected south of the Venice Pier, Venice, for the Electric Pier and Amusement Co.,

Ernest Phillips, Merritt Bldg. It will be 700x1200 ft., frame and concrete construction. The buildings to be erected on the pier will be of frame construction, composition roofing, concrete swimming pool, 200x600 ft.; the pier will be equipped with the latest fire fighting apparatus, sprinkler system in dance hall. The pier, including amusement buildings, will cost $1,500,000.

MISCELLANEOUS BUILDING CONSTRUCTION

Completing Plans.
STADIUM Cost, $300,000
SAN FRANCISCO. Golden Gate Park Opposite Polytechnic High School.
Owner—City of San Francisco.
Architect—E. G. Bangs, 1st Nat'l. Bk. Bldg., San Francisco.
Figures will be taken in about 10 days.

Contracts To Be Awarded.
TERMINAL BLDG. Cost, $52,713
SACRAMENTO, 11th, 12th H & I Sts.
Two-story drick class C R.R. Terminal bldg. (brick exterior, marble and tile work.)
Owner—Bisbee Inv. Co.
Architect — Woollett & Lamb, Hagelstein Bldg., Sacramento.
General contract will be awarded to Geo. D. Hudnutt Calif. Fruit Bldg., Sacramento.
Plumbing to Stark Lyman & Stack at $4365.
Heating to Luppen & Hawley, 906 7th St., Sacramento, $4900.

Plans Being Prepared.
MORTUARY Cost, $20,000
SAN FRANCISCO, Mission District.
One-story addition to frame mortuary.
Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Plans Being Prepared.
MORTUARY Cost, $30,000
SAN FRANCISCO, Richmond District.
Two-story frame mortuary.
Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

HANFORD, Kings Co., Cal. — Until June 3, 10 a. m., bids will be rec. by Fred M. Cutler, county purchasing agt. to fur. f. o. b. Lemoore and Aroma, Calif., 435 bbls. Portland cement.

UPLAND, Cal.—J. J. Ford of Claremont announces he will establish rock crushing plant at 16th St. and Wilson Ave. on 63-acre tract. A Pac. Elec. spur track will serve property Ford states he proposes to equip plant with latest machinery, etc. Total cost of the plant $250,000.

SAN FRANCISCO—Construction will be started at once by Pacific Gas & Electric Co., 445 Sutter St., on new compressor station at Potrero Gas Plant; will be steel frame, concrete and brick construction; est. cost, $134,000. Construction will also be started at once on installation of eight concrete filter pits, involv. and expenditure of $57,910.

SAN BERNARDINO, Cal.—Hammond Lumber Co. has purchased a site, 300x250x500 ft. at Third, B and Court Sts. for new lumber yards. The company will build office building, sheds, etc., costing about $10,000, and the business of the company will be moved from its present location at Second and E Sts. C. D. Franz is mgr. of the local yard.

VISALIA, Tulare Co., Cal.—F. T. Barnard has secured permit to erect a brick and concrete building, 33x100 ft., on the north side of Oak street between Court and Church streets. The building will contain refrigeration equipment and will be used for the sale of poultry.

STOCKTON, San Joaquin Co., Cal.—Until May 26, 5 P. M., bids will be rec. by A. L. Banks, city clerk, to const. two tennis courts in Oak Park. Cert. check 10% payable to City Auditor req. Plans obtainable from clerk. W. B. Hogan is city eng.

WILLOWS, Glenn Co., Cal. — Until May 27, 2 p. m., bids will be rec. by J. C. Garth, secretary, Willows Cemetery District, 123 W Walnut St., to furnish materials and erect fence for cemeteries in district. Cert. check 10% payable to dist. req.

REDONDO BEACH, L. A. Co., Cal.—Pac. Elec. Ry. is planning to expend about $29,800 for improvements at the Redondo bath house. Among the improvements to be made are the installation of two additional filters, assuring a maximum circulation of fresh salt water. Two of the present water circulating engines are to be replaced, 200 additional lockers installed, additional cement floor laid, life guard station erected, fire protection facilities installed and many other improvements designed to better existing facilities.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 818 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

8230—Catagena, Spain. Business men are interested in buying machinery for drying and preparing fruit, especially apricots. Catalogs and prices are requested.

8234—Baltimore, Md. Manufacturers' agent desires to act as Eastern representative for a San Francisco foreign trade firm.

8235 — Seattle, Wash. Established lumber exporters desire to act as northern agents for a large San Francisco lumber export house.

8236 . Grao-Valencia, Spain. Trading firm desires to mak a San Francisco house for the purpose of handling both imports and exports between Spain and California.

8237—Brussels, Belgium. Firm desires to obtain an agency from San Francisco moving picture producers to handle the introduction of their films throughout Belgium.

8238—Rio de Janeiro, Brazil. Trading Company invites correspondence from San Francisco firms who desire to enter the Brazilian market. Goods in demand are cement, iron and steel products, machinery, hardware, all kinds of paper and stationery, leather goods, rubber goods, paints, inks, chemicals and drugs.

8244—San Francisco, Cal .Local manufacturer of burglar alarm systems is able to supply exporters with most recent types of installations.

8246—San Francisco, Cal. Gentleman with wide executive accounting and selling experience in foreign trade in China who covered the leading Chinese cities introducting American products, possessing a wide acquaintance among Chinese merchants desires to communicate with local foreign trade firm. References offered.

8247—San Francisco. Gentleman with wide experience in consular field and thorough knowledge of Japanese, Indian, European and Chinese markets, desires to enter export work in San Francisco.

8248—San Francisco. Gentleman with two years' experience in passenger traffic, three years in insurance and shipping and one year handling machinery importation, offers excellent references, and seeks a permanent connection with San Francisco foreign trade firm.

D-1252—Chicago, Ill. Manufacturer of curtains for railway cars, busses, sedans, etc., need good representative for Pacific Coast to handle line on commission basis.

D-1256—Grants Pass, Ore. Party desires to get in touch with consumers or buyers of high grade manganese ore.

D-1257—Going East in June, will be glad to transact business of any nature on reasonable compensation or commission basis. References.

SUBSCRIPTION BLANK

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.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

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Official Proposals

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO CONTRACTORS

(San Rafael High School Building)

The Board of Education of San Rafael, California, will receive sealed proposals up until **eight o'clock P. M., June 5th, 1924,** at the High School Building, San Rafael, California, at which time and place said bids will be opened and read in public for furnishing the required labor and material for the construction of a High School Building at San Rafael, California, in accordance with the plans and specifications prepared therefor by Shea & Shea, Architects, Chronicle Building, San Francisco, California. Bids will be received separately for the different contracts as follows:

Contract No. 1. General work, viz: excavations, concrete work, carpenter work, iron work, metal work, roofing, plastering, painting, glazing, masonry, etc.

Contract No. 2. Plumbing and gas fitting.

Contract No. 3. Electrical work.

Contract No. 4. Heating and ventilation.

Plans and specifications may be seen in the offices of the architects Shea & Shea, Chronicle Building, San Francisco. All bids should be presented on bid forms furnished by the architects.

Each bid must be accompanied by a certified check on some responsible California bank in the sum not less than 5% of the amount of bid, made payable to Oliver R. Hartzell, Secretary of the Board of Education of the City of San Rafael, for the purpose stated in the specifications.

Each bid must be enclosed in a sealed envelope addressed to Oliver R. Hartzell, Secretary of the Board of Education and endorsed proposal For (name branch of work) Work in the new high school building.

A deposit of $25.00 will be required from all bidders receiving plans, said deposit to be refunded when plans and specifications are returned in good condition. One complete set of plans and specifications will be on file at the San Rafael High School for inspection of **Bidders.**

The Board reserves the right to reject any and all bids. Bids must be delivered to the undersigned Secretary of the Board of Education of San Rafael, at the time and place of meeting above stated or any time up to the hour of opening of said bids.

OLIVER R. HARTZELL,
Secretary of the Board of Education of San Rafael, California.

NOTICE TO CONTRACTORS

(McFarland Union School District)

Notice is hereby given that sealed bids will be received by Ben C. Shick at his residence at McFarland, Kern county, California, up to the hour of **1:30 p. m., of the 7th day of June, 1924,** for the furnishing of all materials and labor necessary for the erection and completion of a six-room schoolhouse, without heating system, for the McFarland Union Grammar School District, as per plans and specifications on file in the office of said J. M. Saffell, architect, in the City of Bakersfield, Kern County, California, No. 924 Nineteenth street. Bids will also be received at the same time for a heating system. The plans for the same can be seen at the architect's office. A 10 per cent check will be required, same as on general building contract.

Bids will be opened at 1:30 p. m., June 7th, 1924, at the McFarland Union Grammar School building.

All bids must be accompanied by a cash deposit or certified check payable to Ben C. Shick, clerk of trustees of said school district, for the sum of at least 10 per cent of the amount of bid, to be forfeited should the successful bidder fail to give a satisfactory bond of 50 per cent of contract price and enter into a contract with the trustees of the McFarland Union Grammar School district within ten days after the awarding thereof, should it be required by the trustees. The trustees also reserve the right to retain the certified check and bid of the successful bidder until such time as the deed for the new portion of school site is put on record, not to exceed thirty days.

All bids must be inclosed in sealed envelopes and addressed to Ben C. Shick and marked "Proposals for Erection of McFarland Union Grammar School Building."

The right reserved to reject any and all bids for said work.

BEN C. SHICK, Clerk.
J. E. REGAN,
W. C. HANNAWALT,
PHILIP A. LEE,
O. S. GRANT,
Board of Trustees, McFarland Union Grammar School District.

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **The California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M., June 16, 1924,** at which time they will be publicly opened and read, for construction, in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows:

Nevada County, between Boca and Floriston (III-Nev-38-B), about five and three-tenths (5.3) miles in length, to be graded.

San Benito County, a reinforced concrete bridge across San Juan Creek near San Juan Bautista (V-S-Bt-67-A), consisting of two 15-foot and one 30-foot spans on concrete bents.

Plans may be seen and forms of proposal, bonds, contracts and specifications may be obtained at the said office and they may be seen at the office of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field insuection be made at as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission, reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated May 19, 1924.
(May 23-30 June 6-13)

INVITATION FOR PROPOSALS

OFFICE OF THE SUPREVISING SUPERINTENDENT, ROOM 402, U. S. POST OFFICE, SAN FRANCISCO, CALIFORNIA.

MAY 14, 1924

SEALED PROPOSALS will be received at this office until 12 o'clock M. on June 2nd, 1924, and then opened, for all labor and materials of every character necessary for installing two turbine type oil burner at the U. S. Post Office Building, Berkeley, California, in accordance with the specifications.

Proposals must be made in duplicate on the blank forms hereto attached, enclosed in sealed envelope, endorsed, "Bid for Oil Burners," and addressed to the Supervising Superintendent, Room 402 U. S. Post Office Building, San Francisco, California.

WM. ARTHUR NEWMAN,
Superintendent.

NOTICE TO CONTRACTORS

(3 Bridges—U. S. Bur. Pub. Rds.)

Sealed proposals for constructing three Bridges on the Waldo-State Line and State Line-Elk Creek section of the Grants Pass-Crescent City National Forest Road project located within or partly within the Siskiyou National Forest, States of Oregon and California, Counties of Josephine and Del Norte will be received by the District Engineer, Bureau of Public Roads, U. S. Department of Agriculture, at 316 New Post Office Building, Portland, Oregon, **until 9 o'clock A. M. on the 4th day of June, 1924,** at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids, and none will be considered except those from contractors ascertained to be experienced and responsible.

The project to be constructed consists of 3 bridges and the principal items of work are approximately as follows.

600 Cubic Yards Concrete,
22,000 Pounds Reinforcing Steel,
196,600 Pounds Structural Steel,
1,000 Cu. Yds. Embankment.
600 Cu. Yds. Excavation.

The work embraced in this contract

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

shall be completed by November 1, 1924.

The Bureau of Public Roads has available for loan to contractors on a rental basis equipment as listed in the proposal sheets. Bidder will state in his bid the amount of government equipment that he will use during construction and the minimum rental period thereof. The estimated rentals will be taken into consideration and award will be made on bid to best advantage to the Government.

The contract form and the maps, plans, specifications, and estimates of quantities may be examined by responsible contractors at Room 316 Post Office Building, Portland, Oregon, Bureau of Public Roads, Bay Building, San Francisco, California, and at the office of the Forest Supervisor, Grants Pass, Oregon.

Plans and specifications will be furnished, by the Bureau of Public Roads, Portland, Oregon, to contractors who contemplate bidding upon deposit of a check for $10.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms, and in accordance with instructions, forming a part of the specifications above referred to, and must be accompanied by a proposal guaranty in an amount at least equal to five (5) per cent of the total amount of the proposal.

C. H. PURCELL,
District Engineer.

NOTICE TO BIDDERS

Notice is hereby given that the Board of School Trustees of the Rodeo School District, Contra Costa County, California, will receive bids from contractors for the furnishing of all labor and materials for the erection of a two-story brick addition to the present Grammar School Building, to be erected at Rodeo, Contra Costa County, California.

Plans and specifications and form of proposal may be secured from the Architect, N. W. Sexton, 1607 Chronicle Building, San Francisco, or from the Clerk of the Board, Mr. A. A. Smith, Oleum, Contra Costa County, California, or by written request to the architect or Clerk of the Board, accompanied by a $10.00 deposit which will be held until the plans are returned.

All bids must be accompanied by a copy of this advertisement and a certified check for 10% of the bid, drawn to the order of the Trustees, and which will be forfeited should the bidder fail to comply with his bid if required to do so by the Board.

All bids must be filed with the Clerk of the Board of School Trustees of the Rodeo School District, Rodeo, Contra Costa County, California, not later than **12 Noon, Thursday, May 29, 1924,** and then opened in the office of the present Rodeo Grammar School, Rodeo, Contra Costa County, Calif.

The Board of School Trustees of the Rodeo School District reserves the right to reject any and all bids.

(Signed). A. A. SMITH,
Clerk of the Board of School Trustees,
Rodeo School District.
Rodeo, Contra Costa County, Calif.

NOTICE TO CONTRACTORS

(Merced Irrigation District — Power House and Dam)

Notice is hereby given that sealed proposals will be received at the office of the Board of Directors of Merced Irrigation District in the Barcroft Building, Merced, California, until **Saturday, May 31st, 1924, at 1 o'clock P. M.,** for the construction of the Exchequer Dam and Power House, on the Merced River, in Mariposa County, California, together with their appurtenant works, and for the furnishing of cement and concrete aggregates for the above work, and also for the furnishing of railway ballast and concrete aggregates for the new line of the Yosemite Valley Railroad. Four alternative bids may be submitted as follows:

Proposal No. 1, requiring about 57,000 cubic yards of open excavation, mostly in rock; about 17,000 cubic yards of concrete; the erection of about 1500 tons of metal pipes, Valves, gates, structural steel and other metal work; the furnishing of about 300,000 barrels of cement; and about 58,000 tons of railway ballast; and alternative bids on either 25,000 tons, 50,000 tons, or 100,000 tons of sand and gravel or crushed rock for railway structures.

Proposal No. 2, the same in other respects as Proposal No. 1 excepting that no cement is required.

Proposal No. 3, requiring the same as Proposal No. 2 except that no railway ballast, or sand, gravel, or crushed rock for railway structure is needed.

Proposal No. 4, requiring about 760,000 tons of sand, gravel (or crushed rock) and cobbles for the dam and power house; about 58,000 tons of railway ballast; and alternative bids on either 25,000 tons, 50,000 tons, or 100,000 tons of sand and gravel (or crushed rock) for railway structures.

Full plans and specifications therefor can be seen at the office of said Board, and copies thereof will be furnished upon application to the secretary of said Board, accompanied by a deposit of $25.00 for each Copy, to be repaid to all bidders and to all others upon the return of the plans and specifications in good and acceptabe condition not later than May 31st, 1924.

Said Board will meet at its said office at 1 o'clock P. M. on said 31st day day of May and open all proposals received in response to this notice.

The contract will be let to the lowest responsible bidder, but the Board reserves the right to reject any and all bids.

Bidder may submit bids upon any or all of the four alternative proposals set forth in the specifications.

Each proposal must be accompanied by a certified check for 5 per cent of the amount of the highest of the alternative proposal submitted, payable to the order of the Merced Irrigation District as a guarantee that the bidder will, if successful, execute a satisfactory contract and furnish a bond in the sum of not less than 25 per cent of the amount of his bid for the faithful performance of the work in accordance with the plans and specifications and a bond for not less than 50 per cent of the amount of his bid as provided in chapter 303 of the Statute of 1919 of the state of California, said bonds to be approved by said board.

The proposal forms bound with the specifications must be properly filled out by the bidder, and the plans and specifications, including the proposal, must be submitted intact with the bid in a sealed envelope addressed to the Board of Directors of the Merced Irrigation District and marked to indicate that each is a proposal for the construction of the said Dam and Power House.

Done in pursuance of an order of the Board of Directors of the Merced Irrigation District this 25th day of April, 1924.

H. P. SARGENT,
Secretary of the Board of Directors
of the Merced Irrigation District.

NOTICE TO CONTRACTORS

(Merced Irrigation District—Railroad)

Notice is hereby given that sealed proposals for the construction of approximately 16.79 miles of railroad, except certain bridges and other structures hereinafter specified, will be received by the Board of Directors of the Merced Irrigation District at its office in the Barcroft Building, in the City of Merced, State of California, at any time up to 1:00 o'clock P. M. of

SATURDAY, MAY 31, 1924

at which time and place all bids so received will be opened in public by said board. Thereafter said board will let said work to the lowest responsible bidder but said board reserves the right to reject any or all bids and readvertise for proposals or proceed to construct the work under their own superintendence.

Said railroad will extend from a point on the present line of the Yosemite Valley Railroad at Merced Falls, Merced County, California, to a junction with said present line near Detwiler, Mariposa County, said State.

The work for the doing of which proposals are hereby invited is the clearing and grubbing of the right of way where required, grading of the roadbed, driving of tunnels, construction of wooden trestles and concrete footings therefore, placing of culverts, track laying, ballasting, laying switches and frogs and setting stands, making road crossings, and all other work necessary for the completion of the road, excepting five bridges with the abutments therefor, and the fences, cattle guards, station buildings and signs.

The District will furnish all rails, ties and other track material including all materials for fastening the rails and switches in place and also for gravel for ballast, timber for trestles and pipe for culverts. All other materials required for the completion of the work must be furnished by the Contractor.

The estimated quantities of the principal elements of the work besides the track laying and ballasting are as follows: Excavation about 1,000,000 cu. yds; trestles, about 200,000 F. B. M. and about 6,500 cu. yds. of concrete; tunnels, 3,495 lin. ft. and 3,320 cu. yds. concrete; rock walls, 1,944 cu. yds. laid in cement mortar.

The work is particularly described in the specifications and drawings therefor, which may be seen at said office of said Board in said City of Merced. Copies of said specifications and drawings may be obtained at the office of said Board upon deposit of $15.00 for each copy, said deposit to be returned to the successful bidder and to any others upon the return of the specifications and drawings in serviceable condition not later than May 31, 1924.

Any bidder may submit a proposal for doing all the work covered in these specifications or the work described under one or more of the schedules accompanying the specifications or may submit alternate proposals for doing the work described under all or any number of said schedules. Other conditions of bidding are set forth in the specifications.

Any bidder to whom a contract for said work may be awarded must furnish bonds as provided by law, to-wit: a bond in the sum of at least one-half of the contract price to secure the payment of claims of material men, mechanics and laborers employed upon said work, and a bond in the sum of at least 25 percent of the contract price, conditioned for the faithful performance of the contract.

Each bid must be accompanied with cash or a cashier's or certified check, payable to Merced Irrigation District, for an amount equal to not less than 5 percent of the total amount of the bid as a guaranty that if the bid is accepted the bidder will, within ten days after its acceptance enter into a contract with the district in the form attached to said specifications and furnish the bonds aforesaid.

For the purpose of determining the amount of said bonds and deposit, it will be assumed (without so guaranteeing) that the quantities will be as estimated in the specifications.

Each proposal must also be accompanied by the guarantee of responsible sureties to furnish bonds as required for any of the proposals accepted.

The proposal forms bound with the specifications must be properly filled out by the bidder and the plans and specifications including the proposal must be submitted intact with the bid in a sealed envelope addressed to the Board of Directors of Merced Irrigation District, and marked to indicate that each is a proposal for the relocation of the Yosemite Valley Railroad.

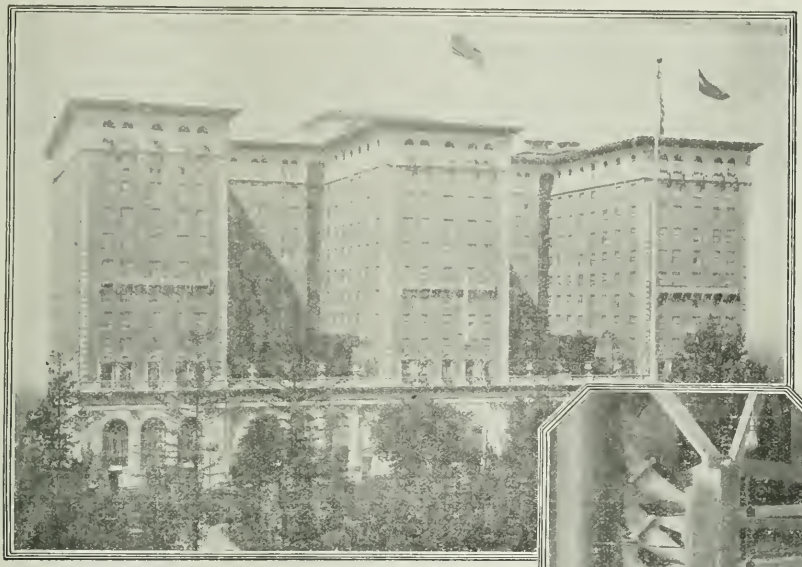
Done in pursuance of an order of the Board of Directors of the Merced Irrigation District, this 25th day of April, 1924.

H. P. SARGENT,
Secretary of the Board of Directors
of Merced Irrigation District.

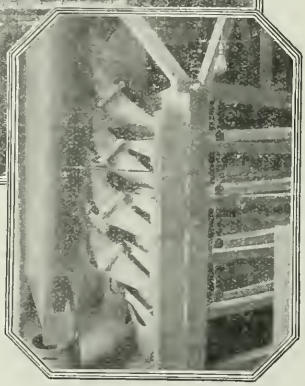
LOGGING COMPANY INCORPORATES

Certified copies of articles of incorporation of the Plumas Logging & Transportation Company have been filed at Reno, Nevada. The corporation has a capitalization of $500,000 with shares of $1 each. Principal place of business will be maintained in Reno, although branch offices may be established in Loyalton and San Francisco.

There will be five directors as follows: R. H. Downman, H. B. Hewes, R. M. Price, C. D. Terwilliger and W. T. Virgin.



BILTMORE HOTEL, LOS ANGELES
SCHULTZE & WEAVER, *Architects*



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Engineering News Section

BRIDGES

LOS ANGELES, Cal.—Until 10 a. m., June 2, bids will be rec. by Bd. Pub. Wks. to const. San Fernando Rd bridge across the Pacoima Wash, near the city of San Fernando. Plans on file at office of the city engr., 405 s city hall annex.

UKIAH, Mendocino Co., Cal.—Renner Foundation Co., 628 Montgomery St., San Francisco, at $11,450 awarded cont. to const. bridge over Big Bear River, the county to furnish materials.

STOCKTON, San Joaquin Co., Cal.—Until May 26, 5 P. M., bids will be rec. by A. L. Banks, city clerk, to const. wooden bridges in Wilson Way over Mormon Channel. Cert. check 10% payable to City Auditor req. Plans obtainable from W. B. Hogan, city eng.

ARCADIA, Cal.—City engrs. of Arcadia and Monrovia will start work at once on plans and spec. for proposed new Huntington Dr. bridge. They will be assisted by County Engr. Geo. W. Jones.

SAN RAFAEL, Marin Co., Cal—County Engineer Oglesby preparing estimates of cost to repair bridge near Nicasio on Lucas Valley road also the construction of a new wooden and concrete bridge at that point.

CONTRA COSTA COUNTY, Cal.—Following bids received by State Highway Commission, Forum Bldg., Sacramento May 19, to const 40-ft. rein. conc. girder span bridge over Garrity creek 1-mi. west of Pinole, Contra Costa County, involv. removal of existing bridge; 135 cu. yds. class A cem. conc; 185 hundredweight rein. steel; 140 cu. yds. excavation for bridge structure. John Phillips, Sacramento $3845
M. Bertolino 4241
John Gogo & Son 5143.75
Harry Chorsen 5323.75
Engineer's estimate 5320

LOS ANGELES, Cal.—Approx. cost of proposed bridge over Pacoima Wash, near San Fernando, on San Fernando Rd., is $60,000. The cost of other valley bridges planned is est. at the following figures. Little Tujunga, $30,000; South Sherman Way, $45,000; Universal City, $40,000; Chatsworth, across San Fernando creek, $25,000; Sherman Way, near Tujunga Wash, $130,000. The call for bids on the Pacoima Wash bridge has been issued, bids to be opened June 2. J. A. Griffin, city engr.

EUREKA, Humboldt Co., Cal.—Bids will be asked at once by county supervisors to const. bridge across slough on Elk River-Falk road and bridge over Oil Creek on Capetown-Petrolia rd. A. J. Logan, county surveyor.

SEATTLE, Wash.—Until June 27, 10 a. m., bids will be rec. by Board of Public Works to const. Montlake bascule bridge over Lake Washington. Cost in excess of $500,000. Bids wanted for bridge construction, machinery and electrical equipment. Structure will comprise double-leaf bascule span 182 ft. center to center of trunnions, width 44 ft. center to center trusses, carrying a 40-ft. roadway, two street car tracks, and two 10-ft. walks. Approximately 575 tons of steel and 95 tons of machinery will be used.

SANTA CRUZ, Santa Cruz Co., Cal.—City council, S. A. Evans, clerk, adopts spec. for three rein. conc. bridges, one at Ocean and Harrison Sts., another at Water and Market Sts., and a third at Garfield St. and Soquel Ave.; each 60 ft. in length with 20 ft. roadway, 4 ft. walk on one side. Bids will be asked at once for the three structures under one contract. Bids will probably be opened May 29.

SAN JOSE, Santa Clara Co., Cal.—Until June 16, 11 A. M., bids will be rec. by Henry A. Pfister, county clerk, to const. conc. bridges on Piedmont Rd. over Penitencia creek, Supervisor District No. 3. Plans obtainable from clerk. Robt. Chandler, county surveyor.

SAN BENITO CO., Cal.—Until June 16, 2 P. M., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. rein. conc. bridge in San Benito county over San Juan Creek near San Juan Bautista, consisting of two 15 ft. and one 30 ft. spans on conc. bents. **See call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—Until 10 A. M., May 26, bids will be rec. by Bd. Pub. Wks. to renew truss timbers of Fourth St. viaduct, across tracks of A. T. & S. F. Ry. Spec. obtainable from city eng. dept.

OREGON AND CALIFORNIA—Until June 4, 9 A. M., bids will be rec. by C. H. Purcell, District Engineer, U. S. Bureau of Pub. Rds., Post Office Bldg., Portland, Ore., to const. three bridges on Waldo-State Line and State Line-Elk Creek sections of Grants Pass-Crescent City Nat'l. Forest Rd. located in Siskiyou Nat'l. Forest, states of Oregon and California, counties of Josephine and Del Norte. Project involves 600 cu. yds. conc.; 22,000 lbs. rein. steel; 196,-600 lbs. structural steel; 1,000 cu. yds. embankment; 600 cu. yds. excavation.

DREDGING, HARBOR WORKS AND EXCAVATIONS

LONG BEACH, Cal.—Rock jetties and dyke to be constructed in the Outer Harbor under the $5,000,000 bond issue, will require about 1,742,000 tons of rock.

EUREKA, Humboldt Co., Cal.—Bids will be asked at once by county supervisors to construct bulkhead at Morgan Creek. A. J. Logan, county surveyor.

LOS ANGELES, Cal.—No bids rec. by harbor board May 16, for dredging slip No. 1 at Berth 163, involving about 12,-800 cu. yds. material. The United Dredging Co. submitted a letter however, in which it was stated that the company was in the same position as on the last dredging work advertised, viz—that it had no barges available. The company also stated that if the city would furnish barges this work could be done in connection with another contract adjacent to this work.

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LOS ANGELES, Cal.—Application has been made to U. S. Engineer's office by the Los Angeles board of harbor commissioners for permission to dredge slip No. 1, Los Angeles Inner Harbor, to a depth of 35 ft. at mean lower low water, the material to be deposited on the south side of Terminal Island, easterly of Mormon St.

IRRIGATION PROJECTS

VANCOUVER, B. C.—Until June 7, 10 A. M., bids will be rec. by Clarke County Commission for $520,000 diking project in District No. 3.

VANCOUVER, Wash.—Until June 7, 2 p. m., bids will be rec. by Fred F. Strickling, county auditor, for diking improvement No. 3, involv. 1,223,200 yds. embankment dikes; 73,200 yds. embankment dams; 118,550 yds. excav. (ditches); 3000 cu. yds. riprap on embankments. The pumping station work involves: 7600 cu. yds. of foundation excavation and backfill; 56,000 lbs. reinforcing steel; 1200 cu. yds. concrete. Lump sum bids are asked on the clearing and grubbing, the concrete pumping station building as planned and for the furnishing and installing of electrical machinery and pumping equipment. Plans obtainable from W. G. Brown, engineer, Yeon Bldg. Portland, on deposit of $25, returnable. Cert. chk. 5% payable to Treasurer of Clark County required.

CALIFORNIA — Following is additional list of applications filed during the month of April with the State Department of Public Works, Division of Water Rights, for permits to appropriate water:

App. 3947 (San Bernardino Co) City Creek Water Co., Highlands, Cal., for 5000 ac. ft. per annum from East Fork City Creek, for irrigation of 500 acres. Underground storage. Estimated cost $5000.

App. 3948 (Butte County) John F. King, Gridley, Cal., for 1 cu. ft. per sec. from Cherokee Canal formerly Dry Creek, for irrigation of 26 acres.

App. 3949 (Butte Co) Thomas King, Gridley, Cal., for 3 cu. ft. per sec. from Cherokee Canal formerly Dry Creek, for irrigation of 40 acres.

App. 3950 (Ventura Co) Guy T. Stetson, Ojai, Cal., for 22,000 ac. ft. per annum from Matilija Creek for domestic purposes and irrigation of 8500 acres. Est. cost $1,000,000.

App. 3951 (San Bernardino Co) Orange County Y.M.C.A. of Santa Ana, Cal., for .027 cu. ft. per sec. from Santa Ana River, for swimming pool. Est. cost $2000.

App. 3952 (Siskiyou Co) Samuel Alexander, Edgewood, Cal., for .5 cu. ft. per sec. and 280 ac. Ft. per annum from Shasta River, for irrigation of 40 acres. Est. cost $1000.

App. 3953 (Los Angeles Co) Little Rock Power & Water Co., Los Angeles, for 50 cu .ft. per sec. and 7547 ac. ft. per annum from Little Rock Creek, for generation of electricity. 6081 theoretical H. P. to be developed. Est. cost $600,000.

App. 3954 (Los Angeles Co) Little Rock Power & Water Co., Los Angeles, Cal., for 50 cu. ft. per sec. and 7547 ac. ft. per annum from Little Rock Creek, for domestic purposes and irrigation of 4000 acres. Est. cost $600,000.

App. 3955 (Riverside Co) Moreno Mutual Irrigation Co., Riverside, Cal., for 5000 ac. ft. per annum from Little San Gorgonio Creek, for domestic purposes and irrigation of 5000 acres.

App. 3956 (Ventura Co) J. D. Burnham and W. S. Fairchild, Ventura, Cal., for 15,000 ac. ft. per annum from Matilija Creek and Wills Canyon, for domestic purposes and irrigation of 1000 acres. Est. cost $60,000.

App. 3957 (San Joaquin Co) W. C. Frank, Lathrop, Cal., for 2.9 cu. ft. per sec. from San Joaquin River, for irri-

gation of 234.6 acres. Est. cost $10,000.

App. 3958 (San Diego Co) J. W. Mykrantz, Ramona, Cal., for 2 cu. ft. per sec. and 145 ac. ft. per annum from San Vicente Creek for irrigation of 500 acres. Est. cost $40,000.

LIGHTING SYSTEMS

REDONDO, Cal.—City trustees authorize const. of lighting systems on about 6 mi. of streets, at a cost est. to be $100,000. Work is to be started within 60 days. The project was promoted by the chamber of commerce. Harry G. Cooper, chairman of the lighting committee.

BAKERSFIELD, Kern Co., Cal. — Council declares inten. to const. electrolier system in Baker St., betw. E 19th and Niles Sts., and in Sumner St., bet. Kern and King Sts., together with underground distribution system; No. 493; 1915 and 1911 acts. W. Van Riper, city clerk.

LOS ANGELES, Cal. — City council orders const. of lighting systems in the following streets.

Whittier Blvd., bet. Indiana St. and Boyle Ave., involving 157 pressed steel lighting posts.

Santa Monica Blvd., bet. Wilton Pl. and 3 ft. w of Sycamore Ave., involving 158 c. i. ornam. posts.

Central Ave., bet. 18th St. and Central Ave., involving 205 conc. ornam. posts.

ALHAMBRA, Cal.—W. A. McNally Co., 517 S Broadway, Pasadena, awarded cont. by city commission at $107,240 to const. Main St. ornam. lighting system, and at $12,490 for the Garfield Ave. system.

LOS ANGELES, Cal.—Newbery Elec. Corp. 724 S Olive St., awarded cont. by Bd. Pub. Wks. at $53,817 to const. ornamental lighting system in N Broadway, bet. Lincoln Park Ave. and Pasadena Ave. Engr's est., $55,814.

BAKERSFIELD, Kern Co., Cal.—City Eng. W. D. Clarke instructed to prepare spec. to install electrolier system in Chester Ave., bet. 26th St. and city limits.

LOS ANGELES, Cal.—A. C. Rice, 1963 Santee St., submitted low bid to Bd. Pub. Wks. at $16,817 to const. ornam. lighting system in Lincoln Park Ave. bet. N. Broadway and Mission Road. Other bids were: Fritz Ziebarth, $16,990; Elec. Lighting Supply Co., $17,000; J. C. Bendler, Inc., $17,333; Newbery Elec. Corp., $17,542; H. H. Walker, $18,240.

MACHINERY AND EUIPMENT

OAKLAND, Cal.—Until May 29, 12 M., bids will be rec. by E. K. Sturgis, city clerk, to fur. two 2-ton motor trucks. Bond of $2000 req. of successful bidder.

SANTA ANA, Cal.—Until June 2, separate bids will be rec. by council for a new road sweeper and two or 2½ ton truck (garbage work). W. G. Knox, street supt. E. L. Vegely, city clerk.

SAN JOSE, Santa Clara Co., Cal.—Spears-Wells Machinery Co., at $1790 awarded cont. by supervisors to fur. one 12 ft. grader equipped with quick life and mouldboard and blade. Stuart S. Smith at $1675 less 10% discount, only other bidder.

LOS ANGELES, Cal.—H. J. Ruddle Co. awarded contr. by public service commission at $4389 each for 3 Fageol dump trucks equipped with Heil hoists. Moreland Sales Corp. was awarded the contr. for furnishing 3 Moreland dump trucks, also equipped with Heil hoists, at $4367.31 ea. and for a 4-ton truck chassis at $3588.52.

OXNARD, Cal. — City trustees plan purchase of heater for repairing asphalt paving. S. G. Bennett, city engr.

CHICO, Butte Co., Cal.—Until May 31, 5 p. m., bids will be rec. by Chas. H. Camper, secy. Board of Education, to furnish busses for transportating pupils, each to seat 40 pupils. Bids desired for (1) chassis only; (2) body only; (a) wooden; (b) metal; (3) fur. complete bus. Further information obtainable from secretary.

RAILROADS

NEWBURG, Humboldt Co., Cal.—Englehart Construction Co., Eureka, has contract to construct 4 miles of r. r. for the E. J. Dodge Co. of Newberg. Line will run from Dinsmore switch at Metropolitan to company's timber holdings about 1 mile above mouth of Howe Creek. From the Dinsmore switch the logs will be hauled over the N. W. Pacific R. R. to the Dodge Company's spur just south of Fortuna thence into the mill at Newburg. Contract also calls for the construction of bridge over Eel river.

SAN FRANCISCO—Southern Pacific Co. has applied to the Interstate Commerce Commission, according to the Railroad Commission, for authority to issue $17,640,000, principal amount of the railroad's equipment trust certificates, Series "G" to cover proposed equipment purchases during this year. According to the Southern Pacific Co's application, this fund will be spent during 1924 for locomotives, freight and passenger cars aggregating an expenditure of $22,050,447. The Pacific Electric Railway Co., owned by the Southern Pacific, is included in the purchases to the number of 50 steel center entrance electric street cars and more than a dozen "one man" cars. Included in the list of equipment to be purchased are 68 steam and electric locomotives of the various types for freight and passenger service, estimated to cost $4,378,131. Box cars, steel tank cars, cabooses, flat cars, gondolas and other freight equipment to be added this year will result in an expenditure of $13,795,350, while the contemplated passenger equipment to be secured by the road this year is estimated to cost $2,174,690. Nearly 6500 cars of various types will be added to the freight equipment of the Southern Pacific while 67 different classes of passenger cars are enumerated in the report.

SALT LAKE CITY, Utah.—Utah Construction Co., Phelan Bldg., San Francisco and Salt Lake City, awarded cont by Oregon Short Line R.R., to lay track for Rogerson-Wells branch of Oregon Short Line which will connect Wells, Nevada with Rogerson, Idaho. The announcement is made by H. V. Platt, general manager of the road.

ALAMEDA, Alameda Co., Cal.—Southern Pacific R. R. Co., 65 Market St., San Francisco, notifies City Manager Clifton Hickok that work will be started shortly on first unit of replacing tracks in Central Ave., bet. Sherman and 4th Sts., including paving of right-of-way. This unit will cost $67,000; 2,000 ft. of girder rails, weighing 141 lbs. to ft., will be laid. Pavement will be 7-in. 2-course asph. conc.

FIRE EQUIPMENT

SAN JOSE, Santa Clara Co., Cal. — Burbank district plans election to vote bonds to finance purchase of fire fighting apparatus. Burbank Improvement Club backs movement.

RESERVOIRS AND DAMS

LOS ANGELES, Cal.—Until 2. p. m., June 9 bids will be rec. by supervisors to const. 200,000-gal. reinf. conc. reservoir at the County Farm (near Downey), Hondo, Cal.

FLORENCE, Ariz.—The proposed San Carlos dam to be erected on the Gila river, east of Florence, Ariz., planned to Irrigate the lands of the Pima Indian Reservation and an additional equal area occupied by whites in the vicinity, will be located in the canyon of the Gila river at a point where greatest depth of bedrock is but 22 ft. The height of the dam will be 200 ft., 180 ft. to the spillways, and will impound 760,000 acre-ft. of water. The average flow of the Gila river at San Carlos is 380,000 acre-ft. or sufficient to provide about 4 acre-ft. annually for 80,000 acres of land. The est. cost of the project, including damages, is $5,500,000

PIPE LINES, WELLS, ETC.

CHINO, Cal.—Until 7:30 p. m. June 3 bids will be rec. by city trustees for the following water pipe: 1400 ft. 10-in. Bell & Spigot class "C" c. i. dipped pipe; 1100 ft. Matheson conversed joint pipe dipped; one 10-in. hub bend gate valve iron body with brass trimmings. M. L. Birnie, city clerk.

YREKA, Siskiyou Co., Cal.—Sacramento Pipe Works at $1531.25 awarded cont. by city trustees to fur. 800 ft. 10-in. soil proof steel water pipe, double riveted and double dipped.

BURBANK, Cal.—Until 7:30 p. m., June 10, bids will be rec. by F. S. Webster, city clerk, to fur. and lay 2-in. and 4-in. wrought iron standard screw black non-dipped water pipe. Spec. obtainable from city clerk.

SAN JOSE, Santa Clara Co., Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, appropriates $17,580 to install approx. 3-mi. of gas mains in San Jose district.

BERKELEY, Alameda Co., Cal. — Pacific Gas and Electric Co., 445 Sutter St., San Francisco, appropriates $79,837 to install approx. 17,350 lin. ft. gas mains in Berkeley. Will be 6, 8, 12 and 16-in. dia., steel welded and wrapped with protective covering.

SEWAGE DISPOSAL PLANTS

BURBANK, Cal. — Hearing on proposed city sewer and sewage treatment project will be held May 27. Plans for this work, prepared by Olmsted & Gillelen, consulting engrs., Hollingsworth Bldg., Los Angeles, comprise the following approx. quantities: 25,423 ft. 8-in., 3799 ft. 10-in., 1931 ft. 12-in., 2003 ft. 15-in., 897 ft. 18-in., 288 ft. 20-in., and 5583 ft. 24-in. vit. sewer pipe; 115 man-

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holes; reinf. conc. Imhaff tank; 1550 ft. 8-in., 3100 ft. 1p-in., 8500 ft. 14-in. c.i. pumping pressure mains; 3 sewage pumping stations, reinf. conc. construction, with storage basins, pumps, motors, etc., completely equipped. Arthur J. Rose, city engr. of Burbank. F. S. Webster, city clerk.

MISCELLANEOUS CONSTRUCTION

SAN FRANCISCO, Cal.—Muller Bros. 616 Melville Ave. (San Gab. 558-R), San Gabriel, have contr. to erect rock storage plant on south side of McBroom Ave., bet. Wheatland and Clybourn Sts., San Fernando Annex (lots 14 and 15, 38 and 39, Hansen Hts. Tr), for the Clare Rock & Gravel Co., owner, 3326 San Fernando Rd. The estimated cost of the plant is $45,000.

WILLOWS, Glenn Co., Cal. — Until May 27, 2 p. m., bids will be rec. by J. C. Garth, secy. Willows Cemetery District, 123 W Walnut St., Willows, to haul 700 cu. yds. gravel from county gravel pit to cemeteries just east of Willows. Cert. check 10% payable to Dist. req.

LONG BEACH, Cal.—City Engr. R. D. Van Alstine is writing specifications for a 150 to 200 ton garbage and rubbish incinerator for which $125,000 bonds have been voted and sold. The city will erect the building and the chimney. Bids will be called for soon.

STOCKTON, San Joaquin Co., Cal. — Three plans will be submitted to the State Railroad Commission for the proposed Miner Avenue subway in Stockton. One plan calls for a 24-ft. roadway with 2 sidewalks; second plan is for two 20-ft. roadways and two five ft. sidewalks and the third plan is for one 22-ft. roadway and two sidewalks. The cost ranges from $383,536 for the second plan to $308,803 for the third plan. The first two plans make allowances for street car tracks. W. B. Hogan is city engineer.

HANFORD, Kings Co., Cal.—Until June 3, 10 a. m., bids will be rec. by Fred M. Cutler, county purchasing agent, to fur. f. o. b. Lemoore and Aroma, Calif., 435 bbls. Portland cement.

BAKERSFIELD, Kern Co., Cal.—City Eng. W. D. Clarke instructed to prepare plans and spec. for subway under Santa Fe tracks at Union Ave.

WATER WORKS

REDONDO BEACH, Cal.—Until 8 p. m., June 2, bids will be rec. by city trustees for the following described pumping unit, consisting of centrifugal pump and fittings for pumping sewage affluent from the city septic tank to city sewer farm land, viz.: One 4-in. 2-stage centrifugal pump of 600 gal. per minute capacity for operation with 50 h.p. electric motor, complete, except for hereinafter described fittings. Fittings as follows: 1 7-in. long radius flanged ell; 1 5x7 flanged check valve; 1 7-in. ODx24-in. (approximate) nipple; 2 6-in. 22° degree flanged ells; 1 4x5 long radius flanged ell; 1 4x6 long radius flanged ell; 5 6-in. std. companion flanges; 1 6-in. long radius flanged ell; 12 ft. of 6-in. standard pipe. City chk. or bond 10%. W. J. Balaam, city clerk.

BAKERSFIELD, Kern Co., Cal.—Until June 2, 8 P. M., bids will be rec. by B. R. Fitzgerald, Clerk, Kern County Union High School District, to (1) fur. and install water pump; (2) fur. and install water pressure tank storage system and (3) equipment for machine and automobile shops at high school. Spec. on file in office of Principal, High School Building, Bakersfield.

OXNARD, Cal.—City trustees adopt resolution (No. 166), ordering a call for election to vote on a $16,000 bond issue for water works improvements. Work will be principally deep well pumps.

EUREKA, Humboldt Co., Cal.—Until June 2, 7:30 P. M., bids will be rec. by Geo. B. Albee, City Sup't. of Schools, to fur. and del. 900 ft. 30-in. conc. pipe with 3-in. wall to drain gulch in rear of Eureka high school. Cert. check 5% payable to dist. req. with each bid.

MISSION BEACH, Cal.—Until 10 A. M., June 2nd, bids will be rec. by council to const. new water system at Mission Beach. The work will involve a city sewerage system with a 1000-ft. ocean outfall. The work will involve 27,945 lin. ft. 6-in. cem. concr. pipe; 5470 lin. ft. 10-in. cem. concr. pipe; 6781 lin. ft. 12-in. cem. concr. pipe; 865 lin. ft. 8-in. cast iron pipe; 40,196 lin. ft. trenching and laying sewers from 4 to 12 ft. deep; 87 concr. manholes with cast iron covers; 40 drop manholes, concr. with cast iron covers; 46 deadends; 13 deadends with cross; 6 flush tanks; 3 pump stations with houses and equipment; 1 settling will be done under the 1911 act. F. A. Rhodes, city engineer.

HAWTHORNE, Cal.—Until 8 P. M., June 9, bids will be rec. by city trustees for fur. water pipe as follows: 1350 ft. 12-in., 2800 ft. 10-in., 4700 ft. 8-in., 19,500 ft. 6-in., 22,000 ft. 4-in. C. I. water pipe; 20,000 lbs. 6-in. C. I. fittings; 10,000 lbs. 4-in. C. I. fittings; 2 12-in., 2 10-in., 9 8-in., 18 6-in., 30 4-in., 6 2-in. gate valves; 3000 ft. 2-in., 2000 ft. 1-in. and 7000 ft. ¾-in. std. screw pipe; 63 6-in. C. I. valve box covers; 13 8-in. C. I. valve box covers.

Bids will also be rec. for labor of installing above pipe and material Spec. obtainable from Olmsted & Gillelen, consulting engrs., 1112 Hollingsworth Bldg., L. A., upon payment of $1. Cert. chk. or bond, 10%. S. V. Fraser, City Clerk.

LOS ANGELES, Cal.—Until 3 P. M., May 27, bids will be rec. by public service comm., 207 S. Broadway, for deep well pumps and motors under spec. 715. Jas. P. VVroman, Sec'y.

PALO ALTO, Santa Clara Co., Cal.—City council authorizes extension of 6-in. water mains from r.r. tracks to point opposite Union High School. J. F. Exybee, Jr., is city engineer.

SACRAMENTO, Cal. — Until June 5, 9:15 p. m., bids will be rec. by H. G. Denton, city clerk, to fur. 50 fire hydrants. Cert. check 5% payable to City Controller req. Spec. obtainable from clerk. Albert Givan, city eng.

PLAYGROUNDS AND PARKS

WILLOWS, Glenn Co., Cal.—Until May 27, 2 P. M., bids will be rec. by J. C. Garth, Sec't'y. Willows Cemetery District, 123 W-Walnut St., to furnish materials and erect fence for cemeteries in district. Cert. check 10% payable to dist. req.

STOCKTON, San Joaquin Co., Cal.—Until May 26, 5 p. m., bids will be rec. by A. L. Banks, city clerk, to const. two tennis courts in Oak Park. Cert check 10% payable to City Auditor req. Plans obtainable from clerk. W. B. Hogan is city engineer.

PALO ALTO ,Santa Clara Co., Cal.—Russell V. Black, city planner, submits report to city council for development and upkeep of Rinconada and El Camino Parks. Development of former would cost $72,330 which includes $18,000 for swimming pool and $15,390 for open air theatre, the upkeep expense being estimated at $9525 per annum. El Camino Park Developments would cost $17,900, the upkeep $5800. Taken under advisement. J. F. Exybee, Jr., city eng.

OAKLAND, Cal.—Jay B. Nash, city supt. of recreation, will recommend funds be included in budget to lay out 40 tennis courts in various sections of the city. Funds will also be asked to finance construction of bleachers at various playgrounds.

SEWERS & STREET WORK

SUISUN, Solano Co., Cal.—Until June 3, 8 p. m., bids will be rec. by A. N. Trainor, town clerk, to imp. Main St., Union Ave., and The Plaza. Cert. check 10% payable to town req. Plans obtainable from clerk.

NEWPORT BEACH, Cal.—Until 7:30 p. m., May 26, bids will be rec. by city trustees to imp. 23rd St., bet. Coast Blvd. and west line of Central Ave., involv. approx. 5000 sq. ft. 4-in. asph. conc. base paving with 2-in. asph. conc. Topeka wearing surface. Cert. check 10%. Vivian A. Sebring, city clerk.

SANTA BARBARA, Cal.—A. J. Grier, 480 Chetwood, Oakland, low bidder at $296,890 to const. 25 mi. 6-in. rock macad. pavement, 28 ft. wide, in the Santa Ynez Valley, will probably be awarded the contract. Mr. Grier submitted his bid contingent upon the county furnishing the rock, about 70,000 tons.

NILES, Alameda Co., Cal.—Until May 28, 8 p. m., bids will be rec. by H. B. Rathbun, secy. Niles Sanitary District, to const. sewer system for which bonds of $65,000 were recently voted. Cert. check 10% payable to secy. of district req. Plans obtainable from Geo. A. Posey, Courthouse, Oakland, engineer for district.

IRVINGTON, Alameda Co., Cal.—Until May 26, 8 p. m., bids will be rec. by A. Mento, secy. Irvington Sanitary District, to const. system of sewers for which bonds of $51,000 were recently voted. Cert. check 10% payable to secy. req. Plans obtainable from Geo. A. Posey. Courthouse, Oakland, engineer for district.

LOS ANGELES, Cal.—Until 3 P. M., May 27, bids will be rec. by public service comm., 207 S. Broadway, for concr. mixing and placing equipment under Spec. 714. Jas. P. Vroman, Secy.

REDWOOD CITY, San Mateo Co., Cal.—Until June 2, 10 a. m., bids will be rec. by Eliz. M. Kneese, county clerk, to imp. portions of MacDonald and San Bruno Aves., etc., grade and pave with water bound rock macadam base with 2-in. Durite asph. conc. surface; 2x6-in. r.w. header boards. (All In Imp. Dist. No. 3). Work under County Imp. Act 1921. Cert. check 10% payable to county req. Geo. A. Kneese, city eng.

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PASADENA, Cal. — Until 10 a. m., May 26, bids will be rec. by city directors to imp. Green St., bet. Marengo and Fair Oaks, 7120 lin. ft. with 48-ft. roadway, under 1911 act. The work proposed involves 31,231 cu. yds. grading, 364,620 sq. ft. 7-in. conc. pavement with 2-in. asph. wearing surface, 9185 ft. tunnel 8 ft. by 6 ft. for water, lighting, manholes, etc., the top of the tunnel to be used as sidewalk. The cross section area of the tunnel in concrete is 144 sq. ft., and the whole cross section, incl. area to be excavated is 42.8 sq. ft. There will be 132,269 cu. ft. conc. in tunnel. Outside of these portions where the tunnel will be constructed, there will be 5620 lin. ft. curb, 11,810 sq. ft. gutter, 132,517 sq. ft. walk. The sewer involves 8199 lin. ft. 12-in. and 7456 lin. ft. 8-in. vit. pipe ,66 manholes, 2 flushtanks, 238 12x6 wyes, 8x6 wyes. No laterals are included in this contract. Est. cost about $400,000. W. C. Earle, city engr. Bessie Chamberlain, city clk.

THE DALLES, Ore.—Until June 9, bids will be rec. by Wasco County Court for purchase of $250,000 county road bond issue.

LOS ANGELES, Cal.—Until 2 p. m., June 9, bids will be rec. by supervisors to imp. Painter Ave. from Anaheim Telegraph Rd. to Whittier Vlvd., cash contr. No. 218, 9900 lin. ft. or 1.88 mi., involv. 10,311 cu. yds. earth excav., 3542 cu. yds. removing old macad. and d. g., 26,588 sq. yds. shaping roadbed, 23,003 sq. yds. 4-in. sub-base, 19,800 lin. ft. shaping shoulders, 26,588 sq. yds. cem. conc. pavement, 14,255 lin. ft. curtain walls, reinf. conc. culv. and beadwalls. County furnishes 7285 bbls. cement and freight on 9283 tons sand and gravel. Av. haul, 1 mi. from Hazard on the Pac. Elec. Ry.

GLENDALE, Cal. — Until 10 a. m., May 22, bids will be rec. by council to imp. portion of Hermosita Dr., Capistrano Ave., El Rito Ave., etc., involving 440,910 sq. ft. grading, 90,518 sq. ft. 5-in. oiled macad., 185,704 sq. ft. 3-in. oiled macad., 61,650 sq. ft. walk, 17,706 ft. curb, 222 sq. ft. gutter, 4131 ft 8-in. c. i. water pipe, 119 ft. 6-in. c. i. water pipe, 5428 ft. 4-in. c. i. water pipe, san. sewer involv. 8188 ft. 8-in. vit. pipe, 181 ft. 6-in. hse. connections and wyes, 17 manholes, 4 junction chambers, 2 flush tanks, 4 lamp holes. Work will be done under the 1915 bond imp. act. Plans obtainable from city engr., Ben F. Dupuy. Cert. check or bond, 10%. A. J. Van Wie, city clerk.

OREGON STATE—Until May 28, 9 a. m., bids will be rec. by C. H. Purcell, dist. eng., U. S. Bureau of Public Roads, 316 New Postoffice Bldg., Portland, Ore., to const. Mt. Hood-Wapinitia National Forest Rd., in Mt. Hood Natl. Forest, Clackamas and Wasco Counties, Ore., 7.46-mi. in length. Project involves 20 ac. grubbing; 20,600 cu. yds. rock excavation; 38,600 cu. yds. common excavation; 6600 cu. yds. station overhaul; 82 cu. yds. conc; 2210 lin. ft. culvert pipe; 15,750 cu. yds. crushed rock surfacing. Plans obtainable from engineer on deposit of $10, returnable.

RIPON, San Joaquin Co., Cal.—Chamber of Commerce promoting formation of sanitary sewer district. It is proposed to vote bonds to finance construction of system.

SAN JOSE, Santa Clara Co., Cal.—Until June 2, 8 P. M., bids will be rec. by John J. Lynch, city clerk, to const. pre-cast conc. sewers in 26th St., bet. McKee Rd. and San Antonio St.; McKee Rd., bet. Coyote river to 28th St., and San Antonio Rd. and San Fernando Rd., bet. 24th and 25th Sts., involv. 525 lin. ft. 18-in., 1009 lin. ft. 20-in., 1845 lin. ft. 24-in., and 1567 lin. ft. 27-in. pre-cast conc. pipe; 7 conc. and brick manholes; c. i. curbs and covers. Cert. check 10% payable to city req. Wm. Popp, City Eng.

PNOENIX, Ariz. — Phoenix-Tempe Stone Co., Phoenix, awarded cont. by state highway dept. at $161,769 to construct Sec. A of White Spar-Congress Junction highway, federal aid project No. 72, involv. approx. 33,000 cu. yds. roadway excav., 110,000 cu. yds. borrow excav., 28,000 cu. yds. surfacing, 1140 cu. yds. A conc., 210 cu. yds. B conc., 180 cu. yds. C conc., 225 cu. yds. cem. rubble masonry, 106,000 lbs. reinf. steel. Other bids were: Downer & Mero, Richmond, Cal., $162,877.96; Henry Galbraith Prescott, Ariz., $177,751.47; Arizona Highway Dept., Phoenix, $188,280.91.

LOS ANGELES, Cal.—Until 2 p. m., June 2, bids will be rec. by supervisors for imp. in First St., and Downey-Norfolk Rd. from Crawford St. to College Rd. No. 2, 62 mi., involv. 1932 cu. yds. excav; 1104 cu. yds. removing old macad; 10,030 sq. yds. shaping roadbed; 10,030 sq. yds. 4-in. sub-base; 6290 lin. ft. shaping shoulders; 10,030 sq. yds. cem. conc. Cash Contr. No. 217. Average haul from Downey, ¾ mi. County furnishes 3530 bbls cement and freight on sand and gravel. 3465 tons. M. B. Beatty, clerk of the board.

SANTA ANA, Cal.—B. R. Ford, 407 W 17th St., Santa Ana, awarded cont. by city trustees May 12 at 23.75c sq. ft. to pave N Lacy St., bet. E 1st and E 4th involv. 25,031 sq. ft. grading and paving with 6-in. conc. pavement with belt finish wearing surface. Oglesby & Dahl bid 26c.

LOS ANGELES, Cal.—Geo. R. Curtis, 2440 E 26th St., awarded cont. by Bd. Pub. Wks. at $13,898 to imp. Lemon Grove Ave., bet. Serrano and Western Aves., involv. grading at $1700 (lump sum); 49,140 sq. ft. 6-in. bitum. base paving at 23c ft.; 60 ft. curb at $1 ft.; 1995 sq. ft. gutter at 30c ft.; 116 ft. hse. sewers at $1.75 ft.; 352 sq. ft. 2-in. bitum. base paving at 12c ft.

PASADENA, Cal.—Ducey & Breitenstein awarded cont. at $106,789 to imp. Broadway from Green to Glenarm Sts. Unit prices were: 24.3c sq. ft. 7-in. conc paving; 17c sq. ft. sidewalk; $1.00 lin. ft. grading; 60c lin. ft. curb; 25c sq. ft. gutter; $175 and $350 catch basins.

SONORA, Tuolumne Co., Cal.—R. J. Gray, Groveland, at $1299.50 awarded cont. by city trustees to grade and pave Dewey St., bet. Williams and south city limits.

SANTA ANA, Cal.—Approx. quantities to imp. Fairview Ave., R. D. I. No. 30, Orange county, for which hearing will be held May 27, are 4052 cu. yds. conc. and 8000 cu. yds. excav. J. L. McBride, county road commissioner.

SANTA ROSA, Sonoma Co., Cal. — Smith and Silva (R. Press Smith), Santa Rosa, at $20,801.93 awarded cont. by county supervisors to const. paved highway extension to Western Ave. near Petaluma, Supervisorial Dist. 2, involv. 1840 cu. yds. unclassified excavation; 1398.8 cu. yde. Class A conc. in 5 in. conc. pavement; 1468.7 cu. yds. A conc. in 5-in. 7-in. edge conc pavement; 90,640 sq. ft. asph. conc. with Willite composition wearing surface; 183 cu. yds. a conc. in culverts and headwalls; 850 lbs. rein. steel. Est. cost $24,000.

NILES, Alameda Co., Cal.—Until May 28, bids will be rec. by H. B. Rathbun, secy. Niles Sanitary District for purchase of $65,000 bond issue; proceeds of sale to finance sewer improvements. Geo. A. Posey, Courthouse, Oakland, engineer for dist.

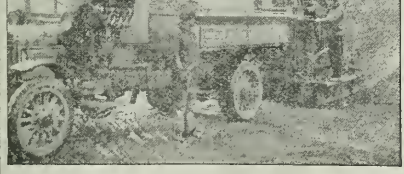
SANTA MONICA, Cal.—Kneen Paving Co., Dudley Bldg., Santa Monica, submitted only bid to council at $7131 to imp. 21st St., bet. Santa Monica Blvd and Golden State Tr., involv. 30,000 sq. ft. grading at 2.95c sq. ft.; 18,000 sq. ft. asph. paving at 19.5c sq. ft.; 6000 sq. ft. walk at 19.8c sq. ft; 1200 ft. curb at 58c ft; 550 ft. hse. sewers at $1.55 ft.

STOCKTON, San Joaquin Co., Cal. — Irey and Holden, Lodi, at $16,698 awarded cont. by county supervisors to pave with oil macadam road bet. Dougherty station and Peltier.

TUCSON, Ariz.—Borderland Constr. Co., Tucson, awarded cont. by council to imp. South Fourth Ave., involving 22,000 sq. yds. subgrade at 37c yd; 5350 lin. ft. 30-in. conc. gutter at 85c ft; 380 lin. ft. 60-in. conc. gutter at $1.65 ft; 19,850 sq. ft. conc. walk at 25c ft; 52,125 lin. ft. 14-in. conc. curb at 70c ft; 14,100 sq. yds. 1"-in. Warrenite surface on 2½-in. bitum. base at $1.70 yd; 7 survey monuments at $10 each; 920 lin. ft. conduit at 45c ft; 6000 lin. ft. cable at $1.25 ft; 48 light standards at $95 each.

RIVERSIDE, Cal.—Property holders in Victoria section have voted to imp. the following streets: Victoria Ave., bridge to Van Buren St., 5.97 mi.; Van Buren St., Victoria to Magnolia Ave., 1.28 mi., Victoria Ave., Van Buren to the city limits, 1.15 mi.; Van Buren, Victoria to Dufferin Ave., .57 mi.; Dufferin Ave., .57 mi.; Dufferin, unimproved section, .39 mi.; Adams St., Victoria to Dufferin Ave., .59 mi.; Washington St., Van Buren to Dufferin, .62 mi.; Madison St., Victoria to Casa Blanca, .75 mi. Pavement recommended for the work was 4-in. asph. conc. J. M. Mylne, engr. of the Gage Canal Co., has estimated the cost of the proposed paving at $16,840.

Barber Greene Model 42 Loader



Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

SMITH-BOOTH-USHER CO.

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LOS ANGELES, Cal. — Sully-Miller Contracting Co., 250 Bennett Ave., Long Beach, submitted low bid to supervisors at $97,491 to imp. under R. D. 1., No. 257, Michigan Ave. and Florence-Downey Rd., from Wright Rd. east and south to city limits of Long Beach, 3.71 mi., pavement 20 ft. wide, 5-in. to 8-in. thick, involving 17,948 cu. yds. excav.; 44,565 sq. yds. shaping roadbed; 44,565 sq. yds. concr. paving; 19,568 lin. ft. shaping shoulders; 72 ft. 18-in. and 4 ft. 24-in. corr. iron pipe; 3 ft. 18-in. and 45 ft. 30-in. reinf. concr. pipe; 28 cu. yds. concr. headwalls. Est. contract price, $121,659.95. Aver. haul, 1.5 mi. Other bids were: Wells & Bressler, $108,500; Kuhn Bros., $111,042; Ed. Johnson & Sons, $113,000; Gibbons & Reed Co., $113,662.84; J. Paul Benson, $114,200; Griffith Co., $114,900; Geo. R. Curtis, $117,000; Oglesby & Dahl, $117,000; Blumenkranz & Vernon, $119,800; Geo. W .Kemper, $119,800; Geo. H. Oswald, $120,300.

J. Paul Benson, 943 S. Windsor Blvd., low bidder at $14,900 to imp. under R. D. 1. No. 262, Ohio Ave., bet. Main Ave. and Orange Ave. (Azusa Canyon Rd.), (20-ft. macad., 5-in. thick), 1 mi., involv. 2729 cu. yds. excav.; 12,062 sq. yds. shaping roadbed; 10,655 lin. ft. shaping shoulders; 12,012 sq. yds. macad. pavement; 455 sq. ft. gutter. Est. contr. price, $18,190.35. Aver. haul 5 mi. from plant at Azusa by truck; aver. haul for oil, 27 mi. from Gilmore Oil Co's west plant. Other bids were: Ed. Martin, 3855 S. Flower St., $15,313; Blumenkranz & Vernon, $16,800; C. W. Sparks, $16,985; Martin B. Jones, Baldwin Park, $17,000; G. T. McLain & Son, 608 Hollywood Security Bldg., $17,400.

SAN LEANDRO, Alameda Co., Cal.—As preliminary step for third main artery from San Leandro to Oakland, the San Leandro city trustees has authorized widening of Babcock Ave. bet. Dutton Ave. and Estudillo, opening of Santa Clara Ave., extension of Bablimits; est. cost, $200,000.
limits; est. cst, $200,000.

SALINAS Monterey Co., Cal.—Downer & Mero, 401 16th St., Richmond at $20,113 awarded cont. by council to imp. San Luis St., bet. Main and West Sts., involvin grading and paving with 5-in. hyd. conc.; const. 2 hyd. cem. conc. catchbasins; 8 and 10-in. corrn. iron galv. culverts; 3 part circle corru. galv. iron culverts. Engineer's estimate, $21,746.50. W. A. Dontanville, Salinas, next low bidder at $21,192.

OAKLAND, Cal.—Frank Ferreira awarded cont. by council to sewer portions of Campbell St., involv. 8-in. pipe sewer, $1.49 lin. ft.; manholes, $65 ea.; lamphole, $17 ea.; wye branches, $1.25 each.

OAKLAND, Cal.—Council, E. K. Sturgis, clerk, declares inten. to const. cem. walks in portions of Ford St., bet. 23rd and Peterson Sts. 1911 Act and Bond Act 1915. Protests June 5. W. W. Harmon, City Eng.

GLENDALE, Cal.—C. L. Hill, 320 W Vine, Glendale, submitted low bid to council at $40,705 to imp. Camulos Ave., Wabasso Way Hiawatha Dr., and Niodrara Dr., involving (1) 155,449 sq. ft. grading 8c sq. ft; (2) 109,020 sq. ft. 3-in oil macad. 10½c sq. ft.; (3) 17,090 sq. ft. walk 16½c sq. ft.; (4) 4631 lin. ft. curb 50c sq. ft.; (5) water pipe complete, $9980; (6) swale as per plan No. 1626, $3800; (7) two junction chambers at $130; (8) 4 manholes at $120; (9) 2 Millar flush tanks at $140; (10) 2808 ft. 8-in. vit. sewer pipe at $2.40; (11) 60 hse. connections, $20. Other bids were:

Cornwall & Henderson — (1) 3c, (2) 11c, (3) 17c, (4) 50c, (5) $9680, (6) $2500 (7) $100, (8) $100, (9) $100 (10) $3, (11) $30.

E. L. Fleming—(1) 2c, (2) 11c, (3) 16½c, (4) 50c, (5) $10,120, (6) $2400, (7) $130, (8) $130 (9)$190, (10) $3.45 lin. ft., (11) $3.10 lin. ft.; 128 lin.ft. 8-in cast iron pipe at $4.90 lin. ft. Bids taken under advisement.

SAN JOSE, Santa Clara Co., Cal.—Until June 16, 11 A. M., bids will be rec. by Henry A. Pfister, county clerk, to repair portions of King road in Supervisor Dist. No. 2. Spec. obtainable from clerk. Robt. Chandler, county surveyor.

ONTARIO, Cal.—City council orders paving of about 15 blocks of streets, est. to cost $40,000. Work will involve paving on Laurel Ave., bet. Transit and B Sts., B St., bet. Laurel and Lemon Aves; Lemon Ave., bet. B and Transit; Transit St. bet. Euclid and Sultana Aves., and Sultana Ave., bet. A and State Sts. The improvement will include a number of storm culverts; Vrooman act.

SANTA ANA ,Cal. — City council adopts emergency measure for const. of main sewer in the block bet. 4th and 5th Sts. The pipe, which will run east and west, will be of 1.-in. size, and cost about $5000.

FAIRFIELD, Solano Co., Cal.—County Surveyor F. A. Steiger preparing spec. to pave approx. 2-mi. of county highway near Suisun.

ALAMEDA COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until June 2, 2 P. M., to widen with Port. cem. conc. shoulders, 4.3 mi. in Alameda county bet. Greenville and Livermore. Project involves: 12,000 cu. yds. roadway embankment without classification; 8,000 sta. yds. overhaul; 3,000 mi. yds. overhaul (embankment from Station 650+00 to Station 665+00).; 80 cu. yds. structural excavation without classification; 2910 cu. yds. Class "A" cem. concrete (shoulders and repairs to existing pavement); 31 c. yds. Class "A" cem. concrete (structures); 20 hundredweights bar rein. steel in place (structures); 54 lin. ft. 12", 20 lin. ft. 24" and 50 lin. ft. 30" corr. metal pipe; 200 cu. yds. removal of conc. in existing pavement. Commission will furnish corru. metal pipe. R. M. Morton, State Highway Engineer.

EXETER, Tulare Co., Cal.—City trustees accept plans for new sewer system; same will be forwarded to state board of health for approval. The system, including the septic tank, will be sufficient for 4500 persons.

GLENDORA, Cal.—City trustees declare inten. to imp. Glendora Avenue (formerly known as Central Ave.) bet. Ada Ave. and S city limits, involv. grade; 4-in. macadam pave.; concr. gutters, curbs, 10-ft. concr. pipe drain; 1915 and 1911 acts; Fred Long, Clerk.

OAKLAND, Cal.—Until May 29, 12 M., bids will be rec. by B. K. Sturgis, city clerk, to imp. Excelsior Ave. bet. Lake Park and Lakeshore Aves. Bond of $4000 req. of successful bidder. Spec. obtainable from clerk. W. W. Harmon, city engineer.

SACRAMENTO, Cal.—Until May 26, 5 P. M. bids will be rec. by Chas. C. Hughes, sect'y., Board of Education, to lay 10,000 sq. ft. conc. walks at high school grounds. Cert. check 10% payable to Board of Edu. req. Plans obtainable from sect'y.

HAWTHORNE, Cal.—Until June 9, new bids will be rec. by city trustees to imp. Broadway, involv. 2218 lin. ft. grading; 4240 lin. ft. curb; 18,520 sq. ft. walk; 8479 sq. ft. 5-in. concr. gutter; 81,305 sq. ft. 1½-in. Willite wearing surface on 3-in. asph. concr. base; 26 c. i. lighting standards complete; 2 18-in. c. i. storm drains complete. S. V. Fraser, city clerk.

BURBANK, Cal.—Until 7:30 p. m., June 10, bids will be rec. by City Clerk F. S. Webster, to imp:

Lincoln St., bet. Sherman Way and Central Ave., 1300 ft., involv. grading and 3-in. oil and rock macad.; curb, sidewalks.

Clark Ave., bet. Main and Buena Vista Sts., 4200 ft., involv. grading and paving with 5-in. oil and rock macad.

Lamer St., bet. Magnolia and Clark Aves., 1300 ft., involv. grading and 3-in. oil macad. paving; cem. curbs and sidewalks.

Cordova St. and Pioneer St. bet. Magnolia Ave. and Sherman Way, 1300 ft., involv. grading, 3-in. oil macad; cem. curbs and walks.

Plans obtainable from city clerk. Cert. check 10% must accompany each proposal.

FRESNO COUNTY, Cal. — Following bids received by State Highway Commission, Forum Bldg., Sacramento, May 19 to surface with crushed stone or gravel 6.3-mi. in Fresno county bet. 2-mi. east of Parkfield Junction and Coalinga, involv. 9100 cu. yds. crushed stone or gravel.

Stewart & Bland, Fresno	12,640
C. W. Wood	21,385
W. J. Taylor	39,949
Ariss Knapp Co.	40,950
Isbelle Construction Co.	41,860
Thompson Bros.	47,320
Engineer's estimate	30,030

RICHMOND, Contra Costa Co., Cal.—City council, A. C. Faris, clerk, declares inten. (No. 421) to const. 6-in. vit. sewers in portions of Natalie Tract and in portions of San Pablo Avenue, including brick and cem. conc manholes with c. i. covers; wye branches, etc. 1911 Act. Protests June 2. H. D. Chapman, city eng.

SAN RAFAEL, Marin Co., Cal.—Until June 3, 11 a. m., bids will be rec. by Rob E. Graham, county clerk, to imp portion of Tomales and Petaluma County Rd., from Sonoma county line west to forks of road at Aurora school in Rd. Dist. No. 4. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from clerk.

BURBANK, Cal.—W. J. Curren, 221-A West Broadway, Glendale, awarded contr. by city trustees at $90,713 to imp. Alameda Ave., bet. San Fernando Blvd. and Olive Ave., approx. 13,000 lin. ft., involv. grade and pave with 6-in. cem. conc., 24-ft. wide.

SAN MATEO COUNTY, Cal.—Following bids received by State Highway Commission, Forum Bldg., Sacramento, May 19, to grade 5.2-mi. in San Mateo county, bet. South San Francisco and Broadway Station involv. 260,000 cu. yds. excavation without classification (dykes), 603,000 cu. yds. roadway embank. without classification (dredger fill), 1600 cu. yds. class A cem. conc. (structures), 1800 hundredweights bar steel in place (structures), 1000 cu. yds. rip-rap in place, 40,000 ft. b.m. redwood lumber, 23,000 ft. b.m. Oregon pine lumber, 15,500 lin. ft. Douglas fir piles. F. Rolindi, 500 Montgomery St.

San Francisco	$360,701
Engineer's estimate	256,212

LONG BEACH, Cal.—Until 9:30 a. m., May 27, bids will be rec. by council to improve:

Lime Ave., bet. 4th and 10th Sts., involv. 6-in. asph. conc. paving.

Tulare Pl., bet. Drawbridge Way and Seaside Blvd., involv. 6-in. cem. concr.

Riverside Ave., bet. Ocean and Seaside Blvd., involv. 6-in. cem. conc. paving.

Ventura Ave., bet. Ocean and Seaside Blvds., involv. 6-in. cem. conc. paving.

St. Louis Ave., bet. 10th and 11th Sts. involving 6-in. cem. conc. paving.

Quincy Ave., bet. Livingston and Elliot Sts., involv. 6-in. cem. conc. paving.

Termino Ave., bet. 1st St. and Allen Ave., involv. 6-in. asph. conc. pavement.

LODI, San Joaquin Co., Cal. — City council petitioned to extend Washington St. pavement from present terminus at Vine St. to Poplar St. L. F. Parzellotti, city engineer.

SAN DIEGO, Cal.—City Engr. F. A. Rhodes completes spec. to imp. 9th and 10th Sts., involving 95,868.5 sq. ft. paving with 1½-in. asph. conc. on 2½-in. bituminous base; 449.1 lin. ft. cem. conc curb; 1589.5 sq ft. cem. conc. sidewalk. A. H. Wright, city clerk.

PORTERVILLE, Tulare Co., Cal.—Until June 5, 8 p. m., bids will be rec. by W. R. Means, city clerk, to improve D St., bet. Mill and Vine Sts., and Vine St., bet. D and S-Main Sts., involving grade and pave with 5-in. hyd. cem. conc.; const. conc. curbs, gutters, culverts, pipe drains, etc. 1911 Act and Bond Act 1915. Fred Pease, city eng.

LOS ANGELES, Cal.—Stroud Bros. and Seabrook, 1607 W. Adams St., awarded contr. by Bd. Pub. Wks. at $28,842 to const. sewer in Avenue 47, bet. York Blvd. and Toland Way.

ALAMEDA, Alameda Co., Cal.—City Eng. Hamilton Burnett announces program to recondition six miles of streets.

ALHAMBRA, Cal.—Council declares inten. to imp. Ethel Ave., bet. Valley Blvd. and Hellman Ave., Ramona Blvd., bet. [illegible] Raymond Aves., and portions of Ross Ave., Newlands Ave. and Valley Blvd. by grading, constructing cem. conc. curbs, walks and gutters; 1911 act. R. B. Wallace, city clk.

ORANGE, Cal.—Geo. A. Simpson, Olson Bldg., Burbank, awarded contr. by council at $138,600 to imp. Palm, Maple, Almond and Washington Aves., about 30 blocks, involv. 640,000 sq. ft. 6-in. conc. pavement, and other incidental items.

LOS ANGELES, Cal.—Hall-Johnson Co., Box 51, Lynwood, awarded contr. by Bd. Pub. Wks. at $316,942 to imp. Dunleer Ave., bet. Manning Ave. and Exposition Blvd., involv. grading, at $85,000 (lump sum); 170,079 sq. ft. conc. paving at 26c ft; 863,231 sq. ft. oiling and rolling at 8c ft.; 54,248 ft. curb at 65c ft; 245,325 sq. ft. walk at 22c ft; 99,397 sq. ft. gutter at 28c ft; storm drain complete $500; wooden retaining wall, $500; wooden guard rail, $500; cem. conc. curtain wall, $100.

LOS ANGELES, Cal.—Stroud Bros. & Seabrook, 1607 W Adams St. awarded contr. by Bd. Pub. Wks. at $28,842 to const. sewer in Ave. 47, bet. York Blvd. and Toland Way.

PASADENA, Cal.—Until 10 a. m. May 27, bids will be rec. by city directors to const. san. sewer including flush tanks and wyes in Hiatt St., Meredith Ave., and Allen Ave. W. C. Earle, city engr. Bessie Chamberlain, city clerk.

ROSEVILLE, Placer Co., Cal.—City Engineer John W. Meredith preparing spec. to pave Riverdale Ave. and Douglas St., south to city limits.

SANTA CRUZ, Santa Cruz Co., Cal.—City Council, S. A. Evans, clerk, declares inten. (No. 325-C) to imp. Raymond St., bet. south edge of present conc. pavement and Beach St., involv. grading and paving with 5-in. cem. conc.; const. 4-in. vit. sewer laterals. 1911 Act. Protests June 5.

FRESNO, Fresno Co., Cal.—Thompson Bros., G and Divisadero Sts., Fresno, awarded cont. by council to imp. (res. of inten. 13-D) Home Ave. bet. Van Ness Ave. and E city limits, involv. conc. walks, $.16 sq.ft.; conc. curbs, $.45 lin. ft.;; 5-in. conc. driveway approaches, $.24 sq. ft.; 6-in. conc. driveway approaches, $.26 sq. ft.

TULARE, Tulare Co., Cal.—H. E. Elrod (Elrod Engineering Co.), Mills-Fraser Bldg., Santa Monica, has submitted preliminary report to city trustees for proposed sewer system. A commercial sewage system is recommended, the cost to run about $188,000 sufficient to accommodate 12,000 people.

SAN JOSE, Santa Clara Co., Cal.—John Doyle, 660 N-10th St., San Jose, at $4758 hyd. conc. pavement, awarded cont. by supervisors to imp. Hanchett Ave. in Supervisor Dist. No. 4.

SAN JOSE, Santa Clara Co., Cal.—County Surveyor Robt. Chandler instructed to prepare spec. to imp. Mariposa Ave. in Supervisor Dist. No. 4.

PLACER COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, until June 2, 2 P. M., to grade 8 mi. in Placer county, bet. ¾ mi. north of Colfax and Cold Run. Project involves: 325,200 cu. yds. roadway excavation without classification; 640,850 sta. yds. overhaul; 1530 cu. yds. structure excavation without classification; 760 cu. yds. Class "A" cem. concrete (structures), 180 hundredweights bar rein. steel in place (structures); 70 lin. ft. 12", 1216 lin. ft. 18" and 2050 lin. ft. 24" corrg. metal pipe; 100 cu. yds. rubble masonry (retaining walls); 212 monuments. Commission will furnish corrg. metal pipe. R. M. Morton, state highway engineer.

NEVADA COUNTY, Cal.—Until June 16, 2 P. M., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to grade 5.3 mi. in Nevada county, bet. Boca and Floriston. **See Call for bids under official proposal section in this issue.**

LOS ANGELES, Cal.—Until 10 A. M., June 9, bids will be rec. by Bd. Pub. Wks. to imp. under 1911 act:

Pomona St., bet. Sierra and Alta Aves., involv. 1187 cu. yds. cut; 19 cu. yds. fill; 17,395 sq. ft. oil and roll; 675 ft. curb; 2333 sq. ft. walk; 1609 sq. ft. gutter.

Glendale Blvd., bet. Larga and Glenhurst Aves., involv. 880 cu. yds. cut; 35,953 sq. ft. 5-in. concr. and 1½-in. Warrenite paving; 1157 ft. curb; 317 sq. ft. walk; 1128 sq. ft. gutter; 1145 sq. ft. 2-in. bitum. base paving; reinf. concr. curb; san. sewer.

Norton Ave., bet. Elmwood Ave. and 146 ft. north, involv. 660 cu. yds. cut; 30,281 sq. ft. 6-in. concr. paving; 60 ft. curb; catchbasin; 60 ft. vit. hse. sewers; 862 sq. ft. remod. oiled surface.

Budlong Ave., bet. 66th and 68th Sts., involv. 2091 cu. yds. cut; 99 cu. yds. fill; 1220 sq. ft. 6-in. concr.; 87,878 sq. ft. oiling and rolling; 3591 ft. curb; 17,085 sq. ft. walk; 15,108 sq. ft. gutter.

San Julian St., bet. 7th and 9th Sts., involv. 1261 cu. yds. cut; 540 sq. ft. asph. paving; 54,933 sq. ft. 6-in. bitum. base paving; 992 ft. curb; 3227 sq. ft. gutter; reinf. concr. culv.; 392 ft. hse. sewers.

TURLOCK, Stanislaus Co., Cal.—A. Teichert & Son, Ochsner Bldg., Sacramento, awarded conts. by city trustees to imp.:

Columbia St., bet. Beech and West Ave., involv. grade and pave with 3-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; cem. conc. curbs and gutters; culverts and catchbasins.

North 1st St. from Park St. to pavement in place in North-First St., involving grading and paving with 3-in. to 6-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; conc. curb and gutter.

LOS ANGELES, Cal. — L. A. Paving Co., 2900 Santa Fe Ave., submitted low bid to Bd. Pub. Wks. to imp. Decatur St., bet. Seventh St. and Atlantic St., involving grading at $1400 (lump sum) 24,249 sq. ft. 7-in. asph. paving (2-in. top and 5-in. conc.); 26 ft. light curb 60c ft; 76 sq. ft. walk 22c ft; 743 sq. ft. gutter 30c ft.

ALAMEDA, Alameda Co., Cal.—See "Railroads," this issue. Replacing rails and paving.

MERCED, Merced Co., Cal.—City Eng C. D. Martin instructed to prepare spec. to pave Q St. bet. 16th and 22nd Sts., with asph. conc., also L St., bet. 23rd and 24th St. Plans are being prepared to resurface 21st and 22nd Sts.

LOS ANGELES, Cal.—O. U. Miracle, 1036 Lime Ave., Long Beach, awarded contr. by Bd. Pub. Wks. at $56,050 to imp. 23rd St., bet. Pacific Ave. and Leland Way, involving grading at $8500 (lump sum); 738 sq. ft. asph. paving 30c ft.; 135,847 sq. ft. conc. paving 22.5c ft.; 6455 ft. curb 70c ft; 21,125 sq. ft. walk 22c ft; 193 sq. ft. gutter 30c ft; cem. pipe san. sewer, $2900; hse. sewers, $1.35 ft; 289 sq. ft. remod. oiled surface 20c ft.

Griffith Co., 502 L. A. Ry. Bldg., awarded cont. at $19,335 to imp. Neptune Ave., bet. J and Anaheim Sts., involv. grading at $2200; 48,343. sq. ft. asph. pav. 28c ft; 1033 sq. ft. bitum base pav. 12c ft; 2039 ft. curb 65c ft; 1078 sq. ft. walk 21c ft; 271 sq. ft. gutter 21c ft; catch basins complete, $275; 757 ft. cem. pipe hse sewers $1.40 ft.

O. U. Miracle awarded cont. at $10,080 to imp. Fairbanks Pl., bet. Scott Ave. and Echo Park Ave. involv. grading at $2100; 22,214 sq. ft. conc. paving 23c ft.; 726 ft. curb 70c ft; 7657 sq. ft. walk 21c ft.; 141 sq. ft. gutter 32c ft; 85 sq. ft. remod. oiled surface 12c ft.

Griffith Co. awarded cont. at $14,009 to imp. 16th St., bet. Griffith Ave. and San Pedro St., involv. grading at $1800; 708 sq. ft. asph. paving 30c ft.; 204 sq. ft. conc. paving 30c ft; 50,270 sq. ft. bitum. base paving 20.4c ft; 136 ft. curb 70c ft; 337 sq. ft. walk 22c ft; 2845 sq. ft. gutter 32c ft; reinf. conc. culvert, $600.

LA HABRA, Cal.—James Contracting Co., Dallas, Tex., submitted low bid to La Habra Sanitary Dist. to const. new sewer system. The bid was. $29,208.93, using vit. pipe, and $27,763.38, using conc. Other bids were: Green Eng. & Constr. Co., Los Angeles, $33,474.29 and $31,974.82; Geo. W. Kemper, Alhambra, $39,388.70 and $39,360.56; Hickey & Harmon, Alhambra, $39,508.75 and $39,508.75; Dunbar Concr. Wks., La Habra, $43,114 and $42,170.91; W. E. Kennedy, Salt Lake City $46,146.80 and $46,146.80; H. H. Peterson, Long Beach, $52,183.52 and $52,183.52; A. de Waard & Son, San Diego, $55,049.60 and $55,049.60; Nick Chutuk & Leo Wuksich, Los Angeles, $59,773.80 and $59,773.80; H. M. Hanawalt, La Verne, bid incomplete.

SAN FRANCISCO — Following contracts awarded by Board of Public Works:

Municipal Construction Co., 112 Lyon St., at $10,842.60 to imp. San Jose Ave., bet. Havelock and Cotter Sts., involv. 1640 lin. ft. conc. curb; 22,000 sq. ft. asph. conc. pavement; reconst. 6 br. catchbasins; 90 lin. ft. culverts; 6000 sq. ft. asph. conc. conform surface; 18,860 sq. ft. art. stone walks; reconst. 5 sewer traps.

E. C. Moran, 241 19th Ave. at $1,690.30 to imp. Joy St., bet. Brewster and Holladay Aves., involv. 247 lin. ft. 8-in. and 30 lin. ft. 12-in. vit. sewer; 15 wye branches; 2 br. manholes.

Pacific States Const. Co., Call Bldg., at $8586.44 to Imp. Vicente St., bet. 28th and 30th Aves., involv. 699 lin. ft. conc. curb; 7 br. manholes; 245 lin. ft. 10-in. vit. pipe; 1321 sq. ft. asph. conc. pavement.

M. J. Treacy, Call Bldg., at $1058.75 to imp. Rotteck St., bet. Bosworth and Springdale Aves., involving 175 lin. ft. conc. curb; 1200 sq. ft. asph. conc. pavement; 900 sq. ft. conc. pavement.

J. A. Ducray, at $370.50 to imp. Bennington St., bet. Cortland and Highland Aves., involv. 1900 sq. ft. art. stone walks.

SAN FRANCISCO—Board of Public Works rejects lone bid of City Const. Co., Call Bldg., at $3054.10 to improve Maynard St., bet. Mission and Congdon Sts., involv. 50 lin. ft. granite curb, 800 sq. ft. 6-in. conc. base and 2-in. asph. surface pavement; 8437 sq. ft. art. stone walks.

NAPA, Napa Co., Cal.—Until June 10, 10 A. M., bids will be rec. by Jas. A. Daly, county clerk, to fur. and lay 520 lin. ft. 8-in., 750 lin. ft. 10-in., 3070 lin. ft. 14-in., and 30 lin. ft. 15-in. corru. culvert pipe for sewer from Napa county infirmary to Napa river. Cert. check 10% payable to Chairman of Bd. of Sups. req.(Plans obtainable from clerk.

Auto Supplies
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EVERYTHING FOR YOUR MACHINE

Zimmerlin Bros. Co.

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3190 MISSION ST. — Junction Valencia

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24 VAN NESS AVENUE — Near Market

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2252	Pieri	Stahlberg	4000
2253	Holmes	Lindgren	2000
2254	Zett	Hjul	25000
2255	Meyer	Owner	3000
2256	Johnson	Owner	2500
2257	Ekborn	Stone	15000
2258	Gray	Meyer	6000
2259	Moeller	Meyer	9000
2260	Moeller	Meyer	9000
2261	Sullivan	Wagner	70000
2262	Gwinne	Owner	——
2263	Smith	Owner	3500
2264	American	Shannon	1500
2265	Storheim	Owner	18000
2266	Loupe	Martinelli	18760
2267	Grosman	Owner	4000
2268	Pieri	Hemmen	5800
2269	England	Little	7800
2270	Holmer	Thomas	19500
2271	McCarthy	Arnott	3000
2272	Saure	Greene	12141
2273	Jamison	Moore	12564
2273	Berry	Diestel	2000
2274	Gawthorne	Owner	6000
2275	Thayer	Nelson	5000
2276	Costa	Filippis	14000
2277	McCarthy	Owner	3000
2278	McCarthy	McCarthy	3000
2279	Crocker	Owner	38500
2280	Oyen	Owner	18000
2281	Bonnici	Owner	3000
2282	Hemsworth	Beach	9000
2283	Hansen	Owner	9000
2284	Brand	Hock	3000
2285	Rose	Sprague	975
2286	S F Prot. Orph.	Quandt	13643
2287	Erickson	Owner	3800
2288	Moran	Meyer	8000
2289	Haley	Meyer	12000
2290	Leighton	Owner	2000
2291	Ralston	Ralston	5450
2292	National	Ostlund	1000
2293	Helmquist	Martinelli	14350
2293	Helbing	Owner	16000
2294	Weissbein	Parker	2000
2295	Keogh	Owner	6000
2296	Leigh	Owner	15000
2297	Howard	Owner	3000
2298	Newman	Sandberg	1800
2299	Bancaloni	Novello	9000
2300	Randell	Pereira	9000
2301	United Cigar	Home Mfg	2800
2302	Mason	Owner	3800
2303	Seibel	Owner	3000
2304	Ekborn	Stone	14920
2305	Pereira	Randell	10670
2306	Stoddard	McIntosh	8765
2307	Stoddard	Klimm	2483
2308	Washington	Bosch	66000
2309	Larsen	Owner	4000
2310	Beronie	Rees	1500
2311	Dahla	Owner	3500
2312	Backman	Owner	9000
2313	Nelson	Owner	5000
2314	Meyers	Britt	12000
2315	Price	Duebel	2500
2316	Ball	Horstmeyer	9250
2317	Pasqualetti	American	15000
2318	Marcolini	Owner	2600
2319	Erickson	Owner	3800
2320	Pereira	Owner	4000
2321	Schuetzen	Munster	2000
2322	Finck	Owner	6000
2323	Heights	Royal Floor	3423
2324	Keysiak	Campbell	30
2325	Aranda	Wengard	13400
2326	Marks	Moller	19072
2327	Frustick	Owner	10000
2328	Bjorkman	Owner	3000
2329	Bruce	Owner	1000
2330	Murphey	McCauley	3000
2331	Ernst	Owner	3500
2332	Spring	Rees	2000
2333	Goldberg	Wagner	1000
2334	Feerick	Owner	10000
2335	Johnson	Owner	20000
2336	Philips	Hamil	20000
2337	Levy	Moller	27769
2338	Brassy	Perkins	15015
2339	Thayer	Nelson	6781
2340	Akard	Sandberg	4500
2341	Cal. City	Cahill	18778
2342	Brassy	Perkins	15012

DWELLING
(2252) NE AMAZON AND LISBON Sts. 1-story and basement frame dwelling.
Owner—Alfonso Pieri, 1126 Montgomery St., S. F.
Architect—Gustave Stahlberg, 544 Market St., S. F.
Contractor—Hemmen & Weissman, 520 Geary St., S. F. $4000

ALTERATIONS
(2253) SE BRYANT AND TENTH Sts. Reconstruction work for industrial plant.
Owner — Holmes Investment Co., % contractors.
Architect—None.
Contractor — Lindgren & Swinerton, Inc., 622 Standard Oil Bldg., S. F. $2000

DWELLING
(2255) W LEE AVE. 200 S Holloway. 1-story and basement frame dwlg.
Owner—Meyer Bros., 1 Montgomery St., San Francisco.
Architect—None. $3000

CONCRETE BLDG.
(2254) W HOWARD 412-6 W SIXTH. 2-story concrete building.
Owner—H. J. Zett.
Engineer and Contractor—J. H. Hjul, 128 Russ St., S. F. $25,000

DWELLING
(2256) NW LISBON 200 S ITALY. 1-story and basement frame dwlg.
Owner—Gus Johnson, 1175 Munich St., San Francisco.
Architect—None. $2500

ALTERATIONS
(2257) 741 MARKET STREET. Tile front; metal lath and plaster partitions; construct mezzanine floor for barber shop.
Owner—Elmer Ekborn, 46 4th St., S. F.
Architect—V. W. Houghton, 275 Post St., S. F.
Contractor—A. L. Stone, 1002 Nevada Bank Bldg., S. F. $15,000

DWELLINGS
(2258) W NINTH AVE. 200, 225 S Otsego. Two 1-story and basement frame dwellings.
Owner—John Gray, 1 Montgomery St., Room 603, San Francisco.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. $3000 each.

DWELLINGS
(2259) W NINTH AVE. 250, 275, 300 S Ortega. Three 1-story and basement frame dwellings.
Owner—Henry C. Moeller, 1 Montgomery St., Room 603, San Francisco.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. $3000 each.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

DWELLINGS
(2260) W NINTH AVE. 325, 350, 375 S Ortega. Three 1-story and basement frame dwellings.
Owner—Gustave Moetzer, Jr., 1 Montgomery St., Room 603, San Francisco.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. $3000 each.

LOFTS
(2261) W THIRD 125 S BRANNAN. 2-story concrete lofts.
Owner—Walter H. Sullivan, Inc., Alexander Bldg., S. F.
Architect—None.
Contractor—George Wagner, Inc., 181 South Park, S. F. $70,000

DWELLING
(2262) W TWENTIETH AVE. 300 S Kirkham. 1-story and basement frame dwelling.
Owner—C. G. Gwinne.
Architect—E. E. Young, 2002 California St., S. F. Not stated

DWELLING
(2263) W TWENTY-NINTH AVE. 75 S Taraval. 1-story and basement frame dwelling.
Owner — George Smith, 835 51st St., Oakland, Calif.
Architect—None. $3500

FLOORING
(2264) 815 BATTERY ST. Asphaltic flooring in factory.
Owner—American Biscuit Co., 815 Battery St., S. F.
Architect—None.
Contractor—Shannon Construction Co., P. O. Box 1138, Sacramento, Cal. $1500

APARTMENTS
(2265) NW CALIFORNIA AND 19TH Ave. 3-story and basement frame **(12) apartments.**
Owner—M. P. Storheim, 201 Caselli Ave. San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $18,000

STORE
(2266) E FILLMORE 44 N O'Farrell. 3-story and mezzanine floor concrete music store.
Owner—Lester G. Loupe, 125 Sutter St., San Francisco.
Architect—S. Heiman, 57 Post St., SF.
Contractor—J. Martinelli, Call Bldg., **San Francisco.** $18,760

DWELLING
(2267) GORE CORNER NAPLES AND Newton. 1-story and basement frame dwelling.
Owner—W. E. Grosman, 47 Curtis St., San Francisco.
Architect—None. $4000

DWELLING
W VASQUEZ 82 S HERNANDEZ. 1-story and basement frame dwlg.
Owner—J. Grassino, 1745 Mason St., San Francisco.
Architect—None.
Contractor—C. A. Hall, 1301 4th Ave., San Francisco. $7000
NOTE—Recorded contract reported May 14, 1924, No. 2222.

FRAME BLDG.
(2268) E AMAZON AVE AND LISBON NE 32-6 SE 100 SW 21-9 NW 100-3. Ptn. Lot 2 Blk. 24 Excelsior Hd. Association. All work for 1-story and basement frame bldg.
Owner—Alfonso and Columbina Pieri, 1126 Montgomery St., S. F.
Architect—Gustave Stahlberg, 544 Market St., S. F.
Contractor—Albert A. Hemmen & Herman Weissman, 520 Beary St., S. F.
Filed May 15, 1924. Dated May 14, 1924.
Frame up $1450
1st coat plaster on 1450
Completed and accepted 1450
Usual 35 days 1450
TOTAL COST, $5800
Bond, sureties, forfeit, none. Limit, 3 months. Plans and specifications filed.
NOTE—Permit reported today, No. 2252.

RESIDENCE
(2269) W FORTY-FIFTH AVE. 228 N Balboa N 30-3 W 120 m or l, S 37 m or l E 120. All work for 1-story frame residence.
Owner—John O. England, 731 21st Ave. San Francisco.
Architect—None.
Contractor — Moses Little & Herman Christensen, 1442 8th Ave., S. F.
Filed May 15, 1924. Dated Apr. 29, 1924.
Frame up $1950
Brown coated 1950
Completed and accepted 1950
Usual 35 days 1950
TOTAL COST, $7800
Bond, $4000. Sureties, J. E. Young and Hugh T. Kearney. Forfeit, none. Limit, 90 days. Plans and specifications filed.
NOTE—Permit reported May 14, 1924, No. 2203.

FRAME BLDGS.
(2270) S CHESTNUT 80 E Buchanan 32-6 x 120. All work for 2-story and basement frame bldg. and cottage in rear.
Owner—A. J. and Christina Holmer, 62 San Jose Ave., S. F.
Architect—None.
Contractor—John C. Thomas, 1420 Balboa, S. F.
Filed May 15, 1924. Dated Apr. 15, 1924.
Frame up & roof on $3900
Brown coated 3900
Ready for painter 3900
Completed 3900
Usual 35 days 3900
TOTAL COST, $19,500
Bond, sureties, forfeit, none. Limit, 100 days. Plans and specifications not filed

BUNGALOW
(2271) E FANON AVE. 275 N Lakeview Ave. N 25 x E 112-6, Lot 17 Blk 20 Lakeview. All work for 1-story frame bungalow.
Owner—The McCarthy Co., 316 Bush St., S. F.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, S. F.
Filed May 15, 1924. Dated May 8, 1924.
30 days after frame up 25%
30 days after brown coated 25%
30 days after com. & accepted ..25%
Usual 35 days 25%
TOTAL COST, $3000
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.
NOTE—Permit reported May 8, 1924, No. 2135.

APARTMENTS
(2272) E LEXINGTON AVE. 135 N 18th N 25 x E 80. All work except window shades, light fixtures, water heaters, radiators, and wall beds for a 2-story and basement frame apartment building.
Owner—Philippe Saure, % architect.
Architect—Chas. F. Strothoff, 2274 15th St., S. F.
Contractor—M. E. Greene, 180 Jessie St., S. F.
Filed May 15, 1924. Dated May 10, 1924.
Roof sheathing on $3035.25
Brown coated 3035.25
Completed and accepted 3035.25
Usual 35 days 3035.25
TOTAL COST, $12,141
Bond, $6070.50. Sureties, Maryland Casualty Co. Forfeit, none. Limit, 90 days. Plans and specifications filed.

DWELLING
(2273) ——MONTEREY BLVD. NEAR San Benito Way, St. Francis Wood. All work for 2-story and basement frame dwelling.
Owner—J. B. and Louise E. Jamison.
Architect — Henry H. Gutterson, 278 Post St., S. F.
Contractor—Moore & Madsen, 77 O'Farrell St., S. F.
Filed May 15, 1924. Dated May 12, 1924.
1st of each month 75%
Usual 35 days 25%
TOTAL COST, $12,364
Bond, sureties, none. Forfeit, $3.00. Limit, 100 days. Plans and specifications filed.

ALTERATIONS
(2273) 1424-26 POLK ST. Change store front.
Owner—B. S. Berry, 248 Russ Bldg., San Francisco.
Architect—None.
Contractor—Diestel & Vezina, 248 Russ Bldg., S. F. **$2000**

DWELLINGS
(2274) W THIRTY-EIGHTH AVE. 228-9 and 254-6 N Cabrillo. Two 1-story and basement frame dwlgs.
Owner—Dr. F. A. Gawthorne, 651 18th Ave., S. F.
Architect—None. $3000 each.

DWELLING
(2275) VENTURA AVE. NEAR CASTenada, Blk. 2846, Lot 5, Forest Hill. 1½-story and basement frame dwelling.
Owner—O. R. Thayer, 110 Sutter St., San Francisco.
Architect—O. R. Thayer, 110 Sutter St., San Francisco.
Contractor—E. K. Nelson, 500 Buchanan St., S. F. $5000

FLATS
(2276) NE FILBERT AND TAYLOR Sts. 2-story and basement frame (6) flats.
Owner — Frank Costa, 472 Union St., San Francisco.
Architect—L. Traverso, 854 Union St., San Francisco.
Contractor—V. Filippis, 1527 Powell St., San Francisco.

DWELLING
(2277) E FORTY-THIRD AVE. 125 S Lincoln Way. 1-story and basement frame dwelling.
Owner—John E. McCartny, 1479 12th Ave., S. F.
Architect—None. $3000

DWELLING
(2278) E FORTY-THIRD AVE. 50 N Irving. 1-story and basement frame dwelling.
Owner—Chas. McCarthy, 1336 Funston Ave., S. F.
Architect—None.
Contractor — John E. McCarthy, 1479 12th Ave., S. F. $3000

DWELLINGS
(2279) W CORDOVA 225, 250, 275, 300, 325, 350, 375 and 400 S Winding Way and vicinity. Eleven 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., S. F.
Architect—None. $3000 each

APARTMENTS
(2280) NW FULTON AND LYON STS. 2-story and basement frame (7) apartments.
Owner—O. M. Oyen, 67 Carmel St., S. F.
Architect—R. C. Baumann & Edw. Jose 251 Kearny St., S. F. $18,000

DWELLING
(2281) E GILMAN AVE. 125 S Jennings. 2-story and basement frame dwelling.
Owner—John Bonnici, 1111 Phelps St., San Francisco.
Architect—None. $3000

FLATS
(2282) W GUERRERO 153 S 22ND. 2-story and basement frame (2) flats.
Owner—M. Hemsworth, 940 Dolores St., San Francisco.
Architect—E. E. Young, 2001 California St., S. F.
Contractor—R. I. Beach & Sons, 4173 23rd St., S. F. $9000

DWELLINGS
(2283) N SANTA ROSA 30 AND 60 E San Jose Ave.; NE Santa Rosa and San Jose Ave. Three 1-story and basement frame dwellings.
Owner—Walter E. Hansen, 485 Capistrano Ave., S. F.
Architect—None. $3000 each.

ENCAVATING, ETC.
(2284) N O'FARRELL 137-1½ E Leavenworth, No. 570 O'Farrell. All work for excavating, bulkheading, underpinning and repairing concrete floors and steps to bldg.
Owner—Anna Brand, 2959 Washington St., S. F.
Architect—W. H. Crim, Jr., and Hamilton Murdock.
Contractor—C. H. Hock, 180 Jessie St., San Francisco.
Filed May 16, 1924. Dated May 14, 1924.
Completed and accepted $2250
Usual 35 days 750
TOTAL COST, $3000
Bond, $1500. Sureties, L. B. Sibley and C. C. Nemetz. Forfeit, none. Limit, as fast as possible. Plans and specifications not filed.

STORE FRONT
(2285) 3438 MISSION ST. New store front.
Owner — Henry H. Rose Estate, 345 Capp St., S. F.
Architect—None.
Contractor—J. B. Sprague, 387 Coleridge, S. F.
Filed May 16, 1924. Dated May —, 1924.
Plate glass set $350
Tile completed 350
Completed and accepted 275
TOTAL COST, $975
Bond, $462.50. Sureties, H. S. Thompson and A. Carraro. Forfeit, none. Limit, 30 days. Plans and specifications filed.

PAINTING
(2286) BET. TWENTY-EIGHTH AND 30th Aves. and Vicente and Wawona. All work for painting buildings.
Owner—San Francisco Protestant Orphanage Society, 520 Lake St., S. F.
Architect—Bliss & Faville, Balboa Bldg., S. F.
Contractor—A. Quandt & Sons, 180 Jessie St., S. F.
Filed May 16, 1924. Dated May 12, 1924.
Monthly payments 75%
Usual 35 days 25%
TOTAL COST, $13,643
Bond, sureties, none. Forfeit, $10. Limit, Aug. 1, 1924. Plans and specifications filed.

DWELLING
(2287) W EIGHTH AVE 200 N Ortega. Two-story and basement frame dwelling.
Owner—C. E. Erickson, 1819 8th Ave., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. $3800

DWELLINGS
(2288) E FORTY-SECOND AVE 100 & 125 S Balboa. Two one-story and basement frame dwellings.
Owner—Mary M. Moran, Room 603, 1 Montgomery St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco. $4000 each

DWELLINGS
(2289) E NINETEENTH AVE 200, 225, 300 and 325 S Pacheco. Four one-story & basement frame dwellings.
Owner—Wm. W. Maley, Room 603, 1 Montgomery St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. $3000 each

ALTERATIONS
(2290) NO. 171 OF'ARRELL: Construct stairs; erect partitions; install dumbwaiter.
Owner—Leighton Industries, Inc., Flood Bldg., San Francisco.
Consulting Engineer—C. F. Wieland, 1102 Claus Spreckels Bldg., San Francisco. $2000

DWELLING
(2291) W SAN BENITO 52 N Darien Way. One-story and basement frame dwelling.
Owner—Anna S. Ralston, 458 3rd Ave., San Francisco.
Architect—None.
Contractor—F. F. Ralston, 458 3rd Ave., San Francisco. $5450

ALTERATIONS
(2292) E POWELL 162 S O'Farrell. Change front; construct mezzanine floor.
Owner—National Shirt Shop, Inc.
Architect—Wheat Cabinet Co., Los Angeles.
Contractor — Ostlund & Johnson, 1901 Bryant St., San Francisco. $1000

RESIDENCE
(2293) LOT 8, Lyon & Hoag Sub Ashbery Terrace. All work for two-story and basement frame residence.
Owner—Wm. J. Helmquist, 425 Kearny St., San Francisco.
Architect—W. H. Crim Jr., 425 Kearny St., San Francisco.
Contractor—J. Martinelli, 180 Jessie St., San Francisco.
Filed May 17, '24. Dated May 8, '24.
Frame up $3587.50
Brown coated 3587.50
Completed and accepted..... 3587.50
Usual 35 days..... 3587.50
TOTAL COST, $14,350.00
Bond, $7175. Sureties, John Cassaretto and Pilade Carmignani. Limit, 120 days. Forfeit, $10. Plans and specifications filed.
NOTE—Permit reported May 14, 1924, No. 2201.

BATTERY STATION
(2294) SE COOK AND GEARY STS. 1-story brick battery station.
Owner — Weissbein Bros., 582 Market St., S. F.
Architect—A. J. Stern, 742 Market St., San Francisco.
Contractor—C. F. Parker, 251 Kearny St., S. F. $2000

DWELLINGS
(2295) E ELEVENTH AVE. 100, 125 N Kirkham. Two 1-story and basement frame dwellings.
Owner—Austin Keogh, 1 Drumm St., San Francisco.
Architect—None. $3000 each.

DWELLING
(2297) E FORTY-EIGHTH AVE., 280 S Balboa. 1-story and basement frame dwelling.
Owner—Joseph Howard, 580 41st Ave., San Francisco.
Architect—None. $3000

REPAIRS
(2298) 1161 GREENWICH ST. General repairs for residence.
Owner—Leo. Newman, 1161 Greenwich St., S. F.
Architect—None.
Contractor—G. Sandberg, 425 20th Ave., San Francisco. $1800

APARTMENTS
(2299) S CHESTNUT 139 E Van Ness. 3-story and basement frame (6) apartments.
Owner—Wm. Helbing, 1332 Lombard St., S. F.
Architects and Contractors—The Helbing Co., 1332 Lombard St., S. F. $16,000

DWELLINGS
(2296) W FORTY-FOURTH AVE. 150 175, 200 225, 250 S Irving. Five 1-story and basement frame dwlgs.
Owner — David Leigh, 801 42nd Ave., San Francisco.
Architect—None. $3000 each

FLATS
(2299) W MISSION 102-6 N LEO. 2-story and basement frame store & 2 flats.
Owner—A. Bancaloni and E. Pasqualetti, 94 Farrington St., S. F.
Architect—None.
Contractor—Joseph Novello, 172 Bertita St., S. F. $9000

FLATS
(2300) W NINETEENTH AVE. 126 S Judah. 2-story and basement frame (2) flats.
Owner—Jacob Randall, 1452 Steiner St., San Francisco.
Architect—None.
Contractor—John A. Pereira, 1430 19th Ave., S. F. $9000

ALTERATIONS
(2301) POWELL, MARKET AND Eddy Sts. Remodel for cigar store quarters; new partitions, etc.
Owner — United Cigar Stores Co., 555 Howard St., S. F.
Architect—Earle Bertz, 168 Sutter St., San Francisco.
Contractor—Home Manufacturing Co., 552 Brannan St., S. F. $2800

DWELLING
(2302) E THIRTY-FIFTH AVE. 200 S Lincoln Way. 1-story and basement frame dwelling.
Owner—J. E. Mason, 4633 Irving St., San Francisco.
Plans by Owner. $3800

DWELLING
(2303) E TWENTY-SEVENTH AVE. 200 N Ulloa. 1-story and basement frame dwelling.
Owner—A. K. Seibel, 876 Treat Ave., San Francisco.
Architect—None. $3000

ALTERATIONS
(2304) S MARKET BET. THIRD AND Fourth, known as Pershing Market, No. 741 Market St. All work for remodeling building.
Owner—Elmer S. Ekborn, 46 4th St., San Francisco.
Architect—Vernon W. Houghton, 275 Post St., S. F.
Contractor—A. L. Stone & A. B. Austen, 1002 Nevada Bank Bldg., S. F.
Filed May 19, 1924. Dated May 17, 1924.
On completion of rough carpentry $3730
Plastering & plumbing roughing in done 3730
Completed and accepted 3730
Usual 35 days 3730
TOTAL COST, $14,920
Bond, $7000. Sureties, W. H. Robinson and A. B. Auslen. Forfeit, none. Limit, 30 days. Plans and specifications filed.
NOTE—Permit reported May 16, 1924, No. 2257.

FLATS
(2305) W NINETEENTH AVE. 126 S Judah S 25 x E 120. All work for 2-story frame flat bldg.
Owner—John A. Pereira, 1430 19th Ave. San Francisco.
Architect—None.
Contractor—Jacob Randell, 1425 Steiner St., S. F.
Filed May 19, 1924. Dated May 19, 1924.
Roof on $2667.50
Brown coated 2667.50
Completed 2667.50
Usual 35 days 2667.50
TOTAL COST, $10,670
Bond, sureties, forfeit, none. Limit, 120 days. Plans and specifications not filed.
NOTE—Permit reported today, No. 2300.

RESIDENCE
(2306) W SCOTT 52-8¼ N CLAY N 25 x W 90. All work except plastering tile work, electric work, plumbing, painting, papering, heating, finish hardware, electric fixtures, hardwood floors and window shades for 2-story and basement residence.
Owner—A. C. Stoddard, Wells Fargo Bank Bldg., S. F.
Architect — Archie T. Newsom, Wells Fargo Bldg., S. F.
Contractor—McIntosh Bros., 180 Jessie St., S. F.
Filed May 19, 1924. Dated May 8, 1924.
2nd floor joists set $1314
Plumbing inspected 1753
Standing trim ready for painter 1753
Completed and accepted 1753
Usual 35 days 2192
TOTAL COST, $8765
Bond, $4382.50. Sureties, J. J. McLeod and Theo. De Pass. Forfeit, none. Limit, 100 days. Plans and specifications not filed.
NOTE—Permit reported May 10, 1924, No. 2159.

ELECTRIC & PLUMBING
(2307) W SCOTT 52-8¼ N CLAY N 25 x W 90. All electric work and plumbing for 2-story and basement residence.
Owner—A. C. Stoddard, Wells Fargo Bank Bldg., S. F.
Architect—Archie T. Newsom, Wells Fargo Bldg., S. F.
Contractor—Frank Klimm, 456 Ellis St., S. F.
Filed May 19, 1924. Dated May 15, 1924.
Work roughed in $1241
On completion 621
Usual 35 days 621
TOTAL COST, $2483
Bond, sureties, forfeit, none. Limit, without delay. Plans and specifications not filed.

CONCRETE BLD.
(2308) N WASHINGTON 68-9 W Gough W 133-9 N 127-2¼ E 92-6 N 2 E 41-3 S 129-8¼. All work for lathing plastering, etc. for 10-story basement and attic reinforced concrete bldg.
Owner—Two Thousand and Six Washington Street, Inc.
Architect—C. A. Meusdorffer, 802 Humboldt Bank Bldg., S. F.
Contractor—Leonard Rosch, 180 Jessie St., S. F.
Filed May 19, 1924. Dated May 13, 1924.
On or before 10th day each mo...75%
Usual 35 days 25%
TOTAL COST, $66,000
Bond, $33,000. Sureties, Fidelity & Deposit Co. Forfeit, none. Limit, 100 days after Aug. 1, 1924. Plans and specifications filed.

DWELLING
(2309) W ASHTON AVE 155 S Ocean Ave. One-story and basement frame dwelling.
Owner—S. Larsen, 146-A Highland Ave. San Francisco.
Architect—None. $4000

ALTERATIONS
(2310) S BEACH 100 E Powell. Construct shaving incinerator; concrete foundation, etc.
Owner—Beronio Lumber Co., Prem.
Architect—Rees Blow Pipe Mfg. Co., 340 7th St., San Francisco.
Contractor—Rees Blow Pipe Mfg. Co., 340 7th St., S. F. $1500

DWELLING
(2311) S BRUNSWICK 28 E Oliver. One-story and basement frame dwelling.
Owner—John Dahla, 430 Crescent Ave., San Francisco.
Architect—None. $3500

DWELLINGS
(2312) N FLOOD AVE. 34 AND 67 E Genesee; NE Flood and Genesee. Three 1-story and basement frame dwellings.
Owner—Backman Bros., 124 Forester St., S. F.
Architect—None. $3000 each.

DWELLING
(2313) SW LINCOLN WAY AND 30th Ave. 1-story and basement frame dwelling.
Owner—Fernando Nelson & Sons, Inc., 2 West Portal Park, S. F.
Architect—None. $5000

WAREHOUSE
(2314) NE NINTH AND McLEA STS. 2-story concrete warehouse.
Owner—L. A. Myers, 62 Post St., S. F.
Architect—S. L. Hyman & Appelton.
Contractor—O. W. Britt, 1257 Arguello Blvd., S. F. $12,000

DWELLING
(2315) NW SAN JUAN AND OTSEGO. 1-story and basement frame dwlg.
Owner—C. Price, 291 1st St., S. F.
Architect and Contractor — Duebel Manufacturing Co., 316 1st St., S. F. $2500

FLATS
(2316) SW SIXTEENTH 150 W Masonic. 2-story and basement frame (2) flats.
Owner—Lester Ball, 264 State St., S. F.
Architect—None.
Contractor—Wm. Horstmeyer Co., 31 Ord St., S. F. $9250

GARAGE
(2317) N TWENTY-FOURTH 255 E Castro. 2-story concrete public garage.
Owner—Joseph Pasqualetti, 785 Market St., S. F.
Architect—None.
Contractor—American Concrete Co., 785 Market St., S. F. $15,000

DWELLING
(2318) N HAVELOCK 25 W San Jose Ave. 1-story and basement frame dwelling.
Owner—Pietro Marcolini, premises.
Architect—None. $2600

RESIDENCE
(2319) S LAWTON 95 W 11TH AVE. 2-story and basement frame residence.
Owner—E. Erickson, 825 Monadnock Bldg., S. F.
Architect—J. C. Hladik, Monadnock Bldg., S. F. $3800

DWELLING
(2320) W NINETEENTH AVE. 191-8 N Lawton. 1-story and basement frame dwelling.
Owner—John A. Periera, 1430 19th Ave San Francisco.
Architect—None. $4000

TARGET RANGE
(2321) NW POLK AND TURK STS., 5th floor. Construct target shooting range; install lavatory and erect partition.
Owner—San Francisco Schuetzen Verein, premises.
Architect—None.
Contractor—Munster & Bornholdt, 1530 Broderick St., S. F. $2000

DWELLINGS
(2322) E THIRTY-NINTH AVE. 25, and 50 N Cabrillo. Two 1-story and basement frame dwellings.
Owner—Herbert W. Finck, 212 12th Ave., S. F.
Architect—None. $3000 each.

FLOORS
(2323) N BROADWAY BET. OCTAVIA and Laguna. All work for hardwood floors.
Owner—The Heights, Monadnock Bldg. San Francisco.
Architect—Frederick W. Quandt, Humboldt Bank Bldg., S. F.
Contractor—Royal Floor Co., 180 Jessie St., S. F.
Filed May 20, 1924. Dated Jan. 15, 1924.
10th day each month 75%
Usual 35 days 25%
TOTAL COST, $3423
Bond, $1711.50. Sureties, Globe Indemnity Co. Forfeit, none. Limit, without delay. Plans and specifications filed.

ALTERATIONS
(2324) N CLINTON PARK E of Guerrero, 222 Clinton Park. All work for rough plumbing and resetting of fixtures in bath room, etc., for alterations and repairs to bldg.
Owner—Julia and Valentine Krysiak, premises.
Architect—None.
Contractor—Dave Campbell, 6331 Mission St., S. F.
Filed May 20, 1924. Dated Mar. 30, 1924.
On completion 75%
Usual 35 days .....Balance
TOTAL COST, $130
Bond, sureties, forfeit, none. Limit, 30 days. Plans and specifications filed.

FLATS, STORE
(2325) W POWELL 45-9 S JACKSON S 23 W 68-9. All work for 3-story and basement frame bldg., flats and store.
Owner—Sara and Conception Aranda, % Architects.
Architect—Albert J. Fabre and Ernest H. Hildebrand, 110 Sutter St., S. F.
Contractor—C. Wengard, 1286 34th Ave San Francisco.
Filed May 20, 1924. Dated May 16, 1924.
Ready for roof $3350
White coated 3350
Completed and accepted 3350
Usual 35 days 3350
TOTAL COST, $13,400
Bond, $6,700. Sureties, B. Milano and Emil Nelson. Forfeit, $5.00. Limit, 100 days. Plans and specifications filed.
NOTE—Permit reported May 10, 1924, No. 9162.

APARTMENTS
(2326) N CALIFORNIA 136-6 E Arguello Blvd., N 132-0⅝ E 132-0⅝ W 26. All work except window shades and electric fixtures for 2-story frame apartment bldg.
Owner—Maxim H. Marks, 2254 Pine St. San Francisco.
Architect—R. W. Moller, 630 Call Bldg. San Francisco.
Contractor — R. W. Moller, 630 Call Bldg., S. F.
Filed May 20, 1924. Dated May 10, 1924.
First day each month 75%
Usual 35 days 25%
TOTAL COST, $19,072
Bond, sureties, forfeit, none. Limit, 120 days after May 12, 1924. Plans & specifications filed.
NOTE—Permit reported Apr. 30, '24, No. 1974.

APARTMENTS
(2327) SE ANZA AND 29TH AVE. 2-story and basement frame (4) apartments.
Owner—John Frustick, 905 Irving St., San Francisco.
Architect—None. $10,000

DWELLING
(2328) NW BRUNSWICK 103 SW Guttenberg. 1-story and basement frame dwelling.
Owner—Victor Bjorkman, 4539 Mission St., S. F.
Architect—None. $3000

ALTERATIONS
(2329) S GEARY 100 E Divisadero. Remodel for two-story frame flats.
Owner—Wm. Bruce, 270 McAllister St., San Francisco.
Architect—None. $1000

ALTERATIONS
(2330) 1850 GREEN STREET. Remodel 2-story residence for 2 flats and add one room.
Owner—David C. B. Murphy, 1850 Green St., S. F.
Architect—O. L. Baumbaugh, 853 Monadnock Bldg., S. F.
Contractor—McCauley & Weber, 1152 Shotwell St., S. F. $3000

SHOP
(2331) 551 HAYES STREET. One-story class C plumbing shop.
Owner—Henry Ernst & Sons, 633 Hayes St., S. F.
Architect—Arthur S. Bugbee, 26 Montgomery St., S. F. $3500

INCINERATOR
(2332) 2401 SAN JOSE AVE. Construct shaving incinerator; steel sheet; brick lining.
Owner—The Spring Valley Lumber Co., 2401 San Jose Ave., S. F.
Architect and Contractor—Rees Blow Pipe Mfg. Co., 340 7th St., S. F. $2000

STORES
(2333) NE STOCKTON AND SACRAMENTO Sts. Carpentry; metal work; plastering; glazing, etc., for stores.
Owner—R. L. Goldberg, 320 Market St., San Francisco.
Architect—None.
Contractor — Geo. Wagner, Inc., 181 South Park, S. F. $1000

DWELLINGS
(2334) E THIRTY-FIFTH AVE. 225 and 250 S Cabrillo. Two 2-story and basement frame dwellings.
Owner—Bryan Feerick, 253 Downey St., San Francisco.
Plans by Owner. $5000 each.

APARTMENTS
(2335) N GREENWICH 137-6 W Van Ness. 3-story and basement frame (12) apartments.
Owner—Axel A. Johnson, 632 Belvedere St., S. F.
Architect—None. $20,000

APARTMENTS
(2336) SE LAKE & TWENTY-SEVENTH Ave. 2-story and basement frame (7) apartments.
Owner—Mrs. R. V. Philips, 783 36th Ave., San Francisco.
Architect—H. W. Higbie, San Jose.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $20,000

ADDITION
(2337) NW MONTGOMERY & SACRAMENTO Sts. One-story addition for offices; remove and reconstruct partitions and stairways.
Owner—J. Levy and J. Goldstein.
Architect—None.
Contractor—R. W. Moller, Call Bldg., San Francisco. $27,769

RESIDENCE
(2338) NW SAN BENITO AVE. AND Darien Way (Balboa Terrace). 2-story and basement frame residence.
Owner—R. A. Brassy, 875 13th St., San Francisco.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor — J. Perkins, East Santa Clara St., San Jose. $15,015

RESIDENCE
(2339) LT. 5 BLK 2816 FOREST HILL Court. All work except plumbing, painting, electric wiring, hot air furnace, light fixtures, finish hardware and window shades for 1-story frame residence.
Owner—O. R. Thayer, 110 Sutter St., San Francisco.
Plans by owner.
Contractor—E. K. Nelson, 500 Buchanan, San Francisco.
Filed May 21, 1924. Dated May .., 1924.
Frame up $1695
Brown coated 1695
Completed and accepted 1695
Usual 35 days 1695
TOTAL COST, $6781
Bond, $3891; Sureties, R. J. Williams and E Styris; Forfeit, $5; Limit, 80; Plans and Specifications filed.
NOTE—Permit reported May 17, 1924 No. 2275.

STORE BLDG.
(2340) S IRVING 32-6 E Twenty-seventh Ave E 25xS 100. All work for one-story frame store building.

Owner — F. S. and Fannie S. Akard, 4167 20th St., San Francisco.
Architect—None.
Contractor—G. Sandberg, 425 20th Ave., San Francisco.
Filed May 21, '24. Dated May 21, '24.
Frame up $1125
White coated 1125
Completed and accepted..... 1125
Usual 35 days..... 1125
TOTAL COST, $4500
Bond, none. Limit, 60 days. Forfeit, none. Plans and specifications filed.

CLASS C BLDG.
(2341) S O'FARRELL 109 E Van Ness Ave E 30xS 120. All work for one-story reinforced concrete Class C building.
Owner—California City & County Land Co.
Architect — Benj. G. MacDougall, 381 Bush St., San Francisco.
Contractor—Cahill Bros., Inc., Sharon Bldg., San Francisco.
Filed Ma y 21, '24. Dated May 8, '24.
Bet. 1st and 10th of each month 75%
Usual 35 days..... 25%
TOTAL COST, $18,778
Bond ,$18,778. Surety, Massachusetts Bonding & Insurance Co. Limit, 100 days. Forfeit, $15. Plans and specifications filed.

RESIDENCE
(2342) LOT 10 BLK. 3245 BALBOA Terrace. All work for 2-story and garage frame residence.
Owner—Mrs. E. A. Brassy, 875 13th St., San Francisco.
Architect—Wolfe & Higgins, Auzerais Bldg., San Jose.
Contractor—J. E. Perkins, East Santa Clara St., San Jose.
Filed May 21, 1924. Dated May 19, 1924.
Frame up and rafters on $3753
1st coat plaster on 3753
Completed and accepted 3753
Usual 35 days 3753
TOTAL COST, $15,012
Bond, $7506. Sureties, Jas. H. Pierce and Otto E. Schnabel. Forfeit, none. Limit, 100 days. Plans and specifications filed.
NOTE—Permit reported today, No. 2338.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
May 15, 1924—W TWENTY-FIFTH Ave 100 S Irving S 25xW 120. Geo E Hart to Louis Johnson.May 15, 1924
May 15, 1924—SW NINTH 155 SE Howard SE 37-6xSW 100. Laurence A Myers to O W Britt....May 7, 1924
May 15, 1924—NW HOWARD AND Mary W 47xN 78. Frida Tegeler to Louis J Cohn.....May 12, 1924
May 15, 1924—W FORTY-SECOND Ave 125 S Geary S 25xW 115. C J Milton to whom it may concern.. .....May 14, 1924
May 15, 1924—SE LAGUNA & FRANCISCO S 25xE 100. Chas A McKenzie to Meyer Bros.....May 14, 1924
May 15, 1924—NW NINETEENTH & Lapidge. Harry Shapiro to E Wiander.....May 15, 1924
May 15, 1924—W TWENTY-FIFTH Ave 100 S Irving S 25xW 120. Geo E Hart to Louis Johnson.May 15, 1924
May 15, 1924—LOT 33 BLK 3, Crocker Amazon Tract. Robt Hallenbarter to Ben Heglin.....May 12, 1924
May 16, 1924—S BALBOA 50 and 76 W 41st Ave W 26xS 100. Thos Hamill to whom it may concern.. .....May 15, 1924
May 16, 1924—LOT 10 BLK 3107, Westwood Park. Hans Nelson to whom it may concern....May 16, 1924
May 16, 1924—LOT 6 BLK 12, St. Francis Wood. H C and W J Mangels (as Mangels Bros.) to.. whom it may concern...May 16, 1924
May 16, 1924—S GROVE 100 W Scott 49-6x100. M T O'Brien to J E O'Brien .....May 16, 1924
May 16, 1924—NW BRYANT AND Dore 80x87-6. Walter C Johnson to James H Hjul.....May 16, 1924
May 16, 1924—W VAN NESS AVE 100 N Filbert W 109-9xN 37-6. Leo and Rose Blum to whom it may concern.....May 16, 1924
May 16, 1924—W ARGUELLO BLVD 150 S Clement S 25 W 25 N 25 E 120 W 34th Ave 150 N Balboa N 25xW 120; W Arguello Blvd 175 S Clement S 25xW 120. H O Lindeman to W R Lindeman.....May 12, 1924
May 16, 1924—N BROADWAY 137-6 W Octavia W 68-9xN 137-6. The Heights to W S Wetenhall Co... .....May 10, 1924
May 16, 1924—W TWELFTH AVE 125 N Fulton N 25x120. Alfred T Morris to whom it may concern.. .....May 12, 1924
May 16, 1924—SW SHARON BLDG. on NE New Montgomery and Jessie Sts. Crane Co to Chas Stockholm.....May 12, 1924
May 16, 1924—E TWENTY-NINTH Ave 325 S Irving S 25xE 120. H B Bernhardt to whom it may concern .....May 13, 1924
May 16, 1924—W THIRTY-THIRD Ave 225 and 250 N Cabrillo N 25x W 120.. Dominic Tiscornia to whom it may concern.....May 10, 1924
May 17, 1924—E ARGUELLO BLVD 25 N Golden Gate Ave, 25x75. Joseph J Barrett to whom it may concern.....May 17, 1924
May 17, 1924—W TWENTY-SEVENTH Ave 150 S Lake S 25xW 120. J O Onstott to Klaus Adler..May 16, 1924
May 17, 1924—W TWENTY-SEVENTH Ave 175 S Lake S 25xW 120. J O Onstott to Klaus Adler..May 16, 1924
May 17, 1924—NO. 2800 SIXTEENTH. St. A Pantages & Petropoulos to Western Hardwood Mfg Co..... .....May 15, 1924
May 17, 1924—NO. 833 CLEMENT ST. H Siegler to A C Hamerton..... .....May 16, 1924
May 17, 1924—NO LOCATION GIVEN Alfred C Hamerton to whom it may concern.....May 16, 1924
May 17, 1924—W EIGHTEENTH AVE 75 S Noriega. Max and Mildred Breitman to Louis Goldstein..... .....May 17, 1924
May 17, 1924—W TWENTY-EIGHTH Ave 275 N Clement N 25xW 120. A V Anderson to whom it may concern.....May 14, 1924
May 17, 1924—E THIRD AVE 175 N Clement. Edward Ginley to whom it may concern.....May 15, 1924
May 17, 1924—SIXTEENTH AND Illinois. Associated Oil Co to Alfred H Vogt.....May 10, 1924
May 17, 1924—SW FOLK & CHESTNUT W 100xS 55. Wm Helbing to whom it may concern...May 27, 1924
May 17, 1924—NE UNDERWOOD AV 125 SE Keith SE 25x100. Ingeberg Erickson to whom it may concern .....May 10, 1924
May 16, 1924—PTN LOTS 3 AND 4 Blk 3106, Westwood Park. Hans Nelson to whom it may concern.. .....May 7, 1924
May 16, 1924—PTN LOTS 3, 4 AND 5 Blk 3106, Westwood Park. Hans Nelson to whom it may concern... .....May 7, 1924
May 16, 1924—PTN LOTS 5 AND 6 Blk 3106, Westwood Park. Hans Nelson to whom it may concern.. .....May 7, 1924
May 19, 1924—EIGHTH ST., bet. E line Carolina and N 16th St. Southern Pacific Co to Fay Improvement Co.....May 16, 1924
May 19, 1924—E FOUNTAIN 261-4 S Twenty-fourth S 25x125. Einar J N Berg to whom it may concern... .....May 19, 1924
May 19, 1924—W THIRTY-FORTH Ave 225 N Balboa N 25xE 120. R J Raetz to Meyer Bros....May 15, 1924
May 19, 1924—NO. 65 GEARY. Southern Pacific Co to Ostlund & Johnson .....May 9, 1924
May 19, 1924—E THIRTY-FOURTH Ave 200 N Balboa N 25xE120. I B Askwright and Jas H Conner to Meyer Bros.....May 15, 1924
May 19, 1924—NE BEALE AND FOLSOM. Southern Pacific Co to H J Treacy.....May 16, 1924
May 19, 1924—SW CORNWELL AND Second Ave W 32-6xS 100. O M Oyen to whom it may concern..... .....May 17, 1924
May 19, 1924—NW SACRAMENTO & Joyce W 56xN 57-6. Ellen Ryan to Bay Constr Co.....May 17, 1924
May 19, 1924—NO. 446 DRUMM. Kingan & Co to Daniel O'Neill... .....May 16, 1924
May 19, 1924—NW NAPLES 125 NE Italy 25x100 Ptn Lot 5 Blk 43, Excelsior Hd. Assn. H W Schwerin to whom it may concern...May 17, 1924
May 19, 1924—SE TAYLOR AND Ellis S 72-6xE 50. W F Perkins to whom it may concern...May 19, 1924
May 19, 1924—E RAMSELL, No. 570 Ramsell. A Sigtrig to whom it may concern.....May 20, 1924
May 19, 1924—E FORTY-FOURTH Ave 170 S Balboa S 50xE 120. A P Herlihy to Meyer Bros..... .....May 14, 1924
May 19, 1924—NO. 971-973 CHURCH. Herman E and Ruth Ramm and Frances Johnston to whom it may concern.....May 16, 1924
May 20, 1924—LOT 16 BLK 21 Resub Blks 18 and 21 and Ptn Blk 19 and Lots P, Q, R and S St. Francis Wood Extn No. 2. Vivian B Blinn to Mangels Bros.....May 1, 1924
May 20, 1924—W NINETEENTH AV 45 N California N 75xW 81. John C Thomas to whom it may concern .....May 19, 1924
May 20, 1924—E SIXTEENTH AVE 100 and 125 S Judah 25x127-6. G Holthe to G Holthe and H Borge .....May 24, 1924
May 20, 1924—W CAPITOL AVE 200 S Grafton Ave S 25xW 112-6 Lot 39 Blk 20. Lakeview. The McCarthy Co to James Arnott & Son..... .....May 16, 1924
May 20, 1924—NW HOWARD 175 SW Eighth SW 50xNW 90. Thomas J Guilfoy to whom it may concern.. .....May 19, 1924
May 20, 1924—E CONCORD 150, 175, 200 and 225 S Cross 25x120 each. Fred G Pfeifer to whom it may concern.....May 19, 1924
May 20, 1924—SE LONDON 150 SW France Ave SW 25xSE 100 Ptn Lot 2 Blk 9, Excl Hd Assn. Robert Hill to whom it may concern..... .....May 19 1924
May 21, 1924—NE GOETHE 287-6 NW San Jose Ave NW 37-6xNE 100. Homestead Realty Co to whom it may concern.....May 24, 1924
May 21, 1924—NE UNDERWOOD AV 75 SE Lane SE 25x100. Josephine and Joseph Luchini to whom it may concern.....May 20, 1924
May 21, 1924—S BRUCE AVE 75 W Edgar Place W 25x100. Wesley Donaldson to whom it may concern.....May 21, 1924
May 21, 1924—E FOERSTER 25 N Staples. Ernest B Backman to whom it may concern...May 15, 1924
May 21, 1924—E HAMPSHIRE 100 N Mariposa N 150x100. The John Center Co to whom it may concern .....May 17, 1924
May 21, 1924—N ULLOA 82-6, 115-10 W 28th Ave W 33-4x100 and N Ulloa 57-6 E 29th Ave E 33-4x100. Parkside Realty Co S. F. to whom it may concern.....May 21, 1924
May 21, 1924—S BRUNSWICK 78 and 103 E Oliver, 25x106-6 each. John Dahla to whom it may concern.. .....May 20, 1924
May 21, 1924—N BROADWAY 137-6 W Octavia W 68-9xN 137-6. The Heights to Walter N Reed..... .....May 13, 1924
May 21, 1924—N HOLLOWAY AVE 75 W Plymouth Ave 25x100. J M Irvine to whom it may concern... .....May 19, 1924
May 21, 1924—NW FRANCISCO AND Octavia 50x95. Strand & Strand to whom it may concern...May 21, 1924
May 21, 1924—E FIFTH AVE 100 N Kirkham N 33-4xE 120. A Ernest Johnson to whom it may concern.. .....May 20, 1924
May 21, 1924—W THIRTY-EIGHTH Ave 165 N Geary 25x120. B W Demarais to whom it may concern .....May 21, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
May 17, 1924—SE CHESTNUT AND Lyon E 90.23 S 25 W 91.46 N 25.017. Jas T Tobin vs Aug J Lang Jr., L Barend and Mrs. L Barend.....$1031
May 17, 1924—NE LOMBARD AND Lyon E 33-3½ N 100 W 30 S 100.67. Jas T Tobin vs A L and Nettie Reid.....$750
May 15, 1924—NW O'FARRELL AND Shannon N 112-6xW 96. Michel & Pfeffer Iron Works vs The Fifth Church of Christ Scientist and John Morton $241.30
May 14, 1924—E THIRTIETH AVE 125 N Taraval N 25xE 120. Reinhart Lumber & Planing Mill Co vs McCauley & Weber, Alfred F and Theresa Naumann.....$575
May 20, 1924—NW JONES AND Sacramento W 56xN 57-6. Kawneer Mfg Co vs Ellen Ryan and Bay Constr Co $260.50

May 20, 1924—SE SACRAMENTO & Larkin S 25-6xE 100. J M Krandler vs Harris A King.....$374
May 20, 1924—E FORTY-FIRST AVE 100 S Irving E 120xS 25. T D Harney vs Mary J Harrington..$81.26
May 21, 1924—N HEARST AVE 100 E Foerster E 25xN 112-6. Pacific Floor Co vs Sunset Building & Roofing Co and Cutter Realty Co.. .....$163.72
May 21, 1924—N HEARST AVE 100 E Foerster N 112-6xE 100; E Foerster 25 N Hearst Ave E 100xN 25. Ferrera Hardware Co vs Sunset Building & Realty Co, J C Gibson, Jos C and Alma Plume, Jos Brymmer and John Oliva $401.13

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

May 17, 1924—NE SUTTER & LARKIN N 87-6xE 57-6. Morrison & Co to Peter Bradley, J E Connell, P W Meherin and Fennell & Chisholm.
May 17, 1924—E TWELFTH AVE 200 S California 25x120. Louis Cruciari to Freda Verbarg. Geo M Merritt Bldg Co and Wm Eitner .....
May 17, 1924—S BROADWAY 160 E Leavenworth 46x60. Christenson Lumber Co to Wm H Depew, R Ehrhart (as R Ehrhart Co).....
May 16, 1924—BLK BDED BY SECond, Third by Mission and Howard known as No. 149 New Montgomery The Shaw Co to Susie Bernheim, Ruth P Schwartz, Ernestine Bernheim and Louis J Cohn.....
May 20, 1924—STAPLES AVE AND Detroit. S Goldberg to Sunset Bldg. & Realty Co and Geo B Lewis $820
May 20, 1924—S STAPLES 275 E Edna E 200xS 112-6. J F R Armstrong and Charles Brown & Sons to Sunset Realty Co.....
May 20, 1924—S STAPLES AVE 275, 308-4, 341-8, 375, 408-4 and 441-8 E Edna S 112-6xE 33-4 each. Reinhart Lumber & Planing Mill Co, Dowd-Seid Electric Co to Geo B Lewis and Sunset Bldg & Realty Co
May 20, 1924—S STAPLES 375, 408-4, 341-8, 275 and 441-8 E Edna E 33-4xS 112-6 ea. Western Plumbing Supply Co and P E O'Hair Co to Sunset Bldg Co.....
May 21, 1924—S BROADWAY 160 E Leavenworth E 46xS 60. R Ehrhart Co to N P Owens and W H Depew
May 21, 1924—SW FIFTH 240-7½ SE Harrison SE 34-4½xSW 137-6. Michel & Pfeffer Iron Works and P A Smith Co to Chas F Schuetz Co and Max W Windner.....

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

May 15, 1924—NW EIGHTEENTH & Folsom N 50xW 100. Celia Spiro as to improvements on property.....
May 14, 1924—NW MARKET and running through to Grove No. 1264 Market. The Van Denburgh Co as to improvements on property....
May 16, 1924—SE MARKET 325 SW Third SW 25xSE 100. Estate Mary B Tobin, dec'd. as to improvements on property .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2677	Hollis	Miller	3500
2678	Tomasello	Owner	2000
2679	Fagin	Betz	3900
2680	Olsen	Owner	7000
2681	Farrell	Owner	1500
2682	Rivers	Buckland	4200
2683	Anderson	Owner	2850
2684	Rich	Rich	2500
2685	Markle	Owner	3800
2686	Anderson	Owner	2600
2687	Green	Owner	4500
2688	Garoutte	Knight	1398
2689	Greenwald	Frazer	3385
2690	Gede	Owner	6000
2691	Macgregor	Owner	26150
2692	MacGregor	Owner	19150
2693	Marsh	Potter	4000
2694	Ala. Invest.	Owner	12000
2695	Brown	Owner	6000
2696	Wikstedt	Zwaal	4000
2697	Valergo	Stanley	4150
2698	Rodrigues	Mosebach	3600
2699	Weinstein	Cal. Bldrs.	25000
2700	Holst	Ericksen	4100
2701	Wood	Pedgrift	14000
2702	Cornwall	Owner	1000
2703	Summings	Owner	3750
2704	Demoto	Higgins	6300
2705	George	McIntier	6000
2706	Field	Sheridan	1500
2708	Hartzell	Owner	8000
2709	Anderson	Owner	20000
2710	Carpenter	Owner	3750
2711	Blume	Owner	3000
2712	Gould	Owner	3500
2713	Runde	Redi-Made	1500
2714	Bertola	Berg	2500
2715	Blabon	Owner	2250
2716	Nittler	Owner	3800
2717	Frederick	Lawrence	13388
2718	Delta	Norstrom	10000
2719	Yulic	Osborne	4000
2720	Kirk	Crane	7250
2721	Hoblin	King	4000
2722	Selander	Brett	5000
2723	Marchiando	Icardi	6000
2724	Sullivan	Buckland	2650
2725	Cerini	Campomenosi	10000
2726	Blackman	Owner	1200
2727	Castro	State Bldrs	4900
2728	Melrose Lbr.	Rees	1500
2729	Anderson	Owner	1500
2730	Ernst	Owner	2000
2731	De Long	Hallway	3000
2732	Rettig	Lyon	3250
2733	5th Church C. S.	Lewis	35000
2734	Correira	Owner	3000
2735	Fernander	Morgensen	4000
2736	Andersen	Graham	2500
2737	Falkinham	Roth	10000
2738	Newman	Owner	2625
2739	Cardoza	Hawkins	3500
2740	West. Pac.	Owner	4590
2741	Rigney	Sommarstrom	13500
2742	Allen	Meyer	5000
2743	Dunn	David	6731
2744	Davis	Pratt	2500
2745	MacGregor	MacGregor	2750
2746	Macher	Owner	3000
2747	Marsten	Johnson	9000
2748	Bd. Trustees	Lawton	16753
2749	Johnson	Connor	17170
2750	Powell	S. F. Bldrs.	8600
2751	Henderson	Dinnie	18000
2752	Rasmussen	Owner	1000
2753	Dunn	David	6731
2754	Betz	Owner	4000
2755	Shields	Owner	2000
2756	Flittner	Owner	3300
2757	Garfinkle	Sommarstrom	11500
2758	Lawrence	Wendt	9000
2759	Jochner	Goranson	4600
2760	Flittner	Owner	3850
2761	Lillencrantz	Peterson	1400
2762	Covey	Cushman	3000
2763	McIlhinney	Muller	5300
2764	Davis	Francisco	1200
2765	Whitaker	Knight	17700
2766	Hing	Yick	1000
2767	Tollefsen	Owner	3250
2768	Johanson	Owner	6000
2769	Coates	Owner	6000
2770	Palazzi	Owner	2000
2771	Burry	Smith	4000
2772	Bedell	Werner	4300
2773	Jasper	Meyer	3200
2774	Spair	Monroe	7500
2775	Nicovich	Angelich	6250
2776	Benzinger	Malley	3000
2777	Tribune	Pedgrift	2000
2778	Oddone	Caretto	3750
2779	Hengen	Muller	58000
2780	Booth	Owner	6000
2781	Knutsen	Owner	1700
2782	Fernandez	Owner	5000
2783	Julian	Lyon	4200
2784	Banchero	Davis	5000
2785	Dowling	Owner	3500
2786	Shipman	Owner	2900
2787	Shipman	Owner	2500
2788	Nichols	Owner	9400
2789	Blodget	Owner	3100
2790	Cox	Brown	16800
2791	Whalen	Owner	5000
2792	Haw	Tranmal	3267

DWELLING
(2677) 1405 CALIFORNIA, Berkeley. Dwelling.
Owner—A. Hollis, 1329 McGee Ave., Berkeley.
Architect—W. K. Bartges, 2114 Shattuck Ave., Berkeley.
Contractor—R. F. Miller, 1634 Beverly Place, Berkeley. $3500

RESIDENCE
(2678) 949 CHANNING, Berkeley. Residence.
Owner—F. Tomasello, 2314½ 8th St., Berkeley.
Architect—None. $2000

DWELLING
(2679) 905 EUCLID, Berkeley. Dwelling.
Owner—M. C. Fagin, 2027½ Francisco St., Berkeley.
Architect—C. C. Dakin, 2960 Pine Ave., Berkeley.
Contractor—C. G. Betz, 1815 Acton St., Berkeley. $3900

GARAGE
(2680) 3512 GROVE ST., Berkeley. Garage.
Owner—E. G. Olsen, 480 Hudson St., Berkeley.
Architect—None. $7000

STORE
(2681) 1118 University, Berkeley. Store
Owner—L. Farrell, 1216 Francisco St., Berkeley.
Architect—None. $1500

DWELLING
(2682) 1111 FILBERT ST. 1-storq 5-room dwelling.
Owner—Edwin W. Rivers, 1033 Filbert Street.
Architect—None.
Contractor—N. J. Buckland, 1801 89th Avenue. $4200

DWELLING
(2683) 3212 FLORIDA ST. 1-story 4-room dwelling.
Owner—A. Anderson, 3935 Whittle Ave.
Architect—None. $2850

DWELLING
(2684) N HALLIDAY ST. 437 E Church St., Oakland. 1-story 4-room dwlg.
Owner—J. O. Rich 830 13th St., Oakland
Architect—None.
Contractor—R. F. Rich, 3322 65th Ave., Oakland. $2500

DWELLING
(2685) E HAVENSCOURT BLVD. 480 S Arthur St., Oakland. 1-story 5-rm dwelling.
Owner—Jos. Markle, 591 12th St., Oakland.
Architect—None. $3800

DWELLING
(2686) 3240 MONTANA ST. 1-story 4-room dwelling.
Owner—A. Anderson, 3935 Whittle Ave.
Architect—None. $2600

DWELLING
(2687) N MORAGA AVE. 50 W Ramona Ave. 1-story 5-room dwelling
Owner—J. S. Green, 910 Rose Street.
Architect—None. $4500

GARAGE
(2688) 540 TWENTY-EIGHTH ST., Oakland. 1-story brick garage.
Owner—Miss Clara Garoutte, 540 28th Street, Oakland.
Architect—None.
Contractor—F. W. Knight, 557 22nd St., Oakland. $1398

BURNERS
(2689) GREENWALD APT. GRAND Ave. bet. Euclid and Perry St. Heating oil burner and garbage burners.
Owner—A. and Janette Greenwald, 465 Elwood Ave., Oakland.
Architect—None.
Contractor — L. D. Frazee, 699 36th, Oakland.

NOW READY FOR DELIVERY—
PRIDDLE'S TABLES, called "3700 Splay Bases and Other Calculations," for Quantity Surveyors and Contractors.
Loose Leaves in Fabrikoid Covers $3.50 Net, Postpaid. Same in Genuine Leather Covers $5.50 Net, Postpaid.
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Roughing in 25%
Completed and accepted 50%
Usual 35 days 25%
TOTAL COST, $3385
Bond, $1695; Sureties, Globe Indemnity Co.; Forfeit, Limit, none; Plans and specifications filed.

DWELLING
(2690) 624 ARLINGTON, Berkeley. Dwelling.
Owner—Henry Gede, 511 San Francisco Ave., Berkeley.
Architect—None. $6000

DWELLINGS
(2691) 1208 1210 1214 1216 1244 1300 Ordway, Berkeley. 7 dwellings.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. 1, $3250; 4, $3750 2, $3950

DWELLINGS
(2692) 1206 1208 1219 1251 1248 PERalta. Berkeley. 5 dwellings.
Owner—C. M. MacGregor, 470 13th St., Oakland.
Architect—None. 3 at $3750, 2 at $3950

DWELLING
(2693) 651 SANTA ROSA, Berkeley. Dwelling.
Owner — W. C. Marsh, Bacon Bldg., Oakland.
Architect—None.
Contractor—A. W. Potter, 4025 Agua Vista St., Berkeley. $4000

DWELLINGS
(2694) 1643 1647 1651 1655 TENTH ST. Berkeley. 4 dwellings.
Owner—Alameda Investment Co., 703 Syndicate Bldg., Oakland.
Architect—None. $3000 each

DWELLINGS
(2695) 1640 1644 WARD, Berkeley. 2 dwellings.
Owner—Chas. F. Brown, 1707 Broadway, Oakland.
Architect—None.
Contractor — Chas. F. Brown, 1707 Broadway, Oakland. $3000 each

DWELLING
(2696) N ARIZONA ST. 320 E Maple Ave., Oakland. 1-story 5-rm dwlg.
Owner—Gust Wikstedt, 3725 Linwood Ave., Oakland.
Architect—None.
Contractor—L. Zwaal, 2748 Montecello Ave., Oakland. $4000

DWELLING
(2697) N BOND ST. 80 W 52nd Ave., Oakland. 1-story 5-room dwelling and garage.
Owner—Victor Valergo, Alameda.
Architect—None.
Contractor — J. A. Stanley, 1436 45th Ave., Oakland. $4000 house $150 garage

DWELLING
(2698) N EL CAMILE AVE. 150 E Kingsland, Oakland. 1-story 5-rm dwelling.
Owner—J. Rodrigues, 834 Santa Clara Ave., Oakland.
Architect—None.
Contractor—G. H. Mosebach, 2325 Santa Clara Ave., Alameda. $3600

APARTMENTS
(2699) E ELM ST. 100 S 35th St., Oakland. 2-story 28-room apartments.
Owner—J. Weinstein, 1636 Franklin St. Oakland.
Contractor — California Builders, 1636 Franklin St., Oakland. $25,000

WAREHOUSE
(2700) SE COR. FORTY-SIXTH AND Clement St., Oakland .1-sto warehouse.
Owner—P. M. Holst, 4731 Clement St., Oakland.
Architect—None.
Contractor—Louis Erickson, 729 Apgar St., Oakland. $4100

STORES
(2701) N E-FOURTEENTH ST. 40 E 34th Ave., Oakland. 1-story stores.
Owner—Chas. M. Wood, Syndicate Bldg Oakland.
Architect—Edwin T. Foulkes, 357 12th St., Oakland.
Contractor — Jas. H. Pedgrift, 4110 Broadway, Oakland. $14,000

DWELLING
(2702) N HOPKINS ST 138 W High St. Oakland. 1-story 3-room dwelling.
Owner—A. C. Cornwall, 3606 35th Ave., Oakland.
Architect—None. $1000

DWELLING
(2703) N McINTYRE ST. 145 E 108th Ave., Oakland. 1-story 5-room dwelling.
Owner—J. P. Cummings & L. J. White, Corner Durante Ave. and E-14th St. Oakland.
Architect—None. $3750

DWELLING
(2704) W SEVENTY-EIGHTH AVE., end of Krause St., Oakland. 2-sto. 12-room dwelling.
Owner—H. M. Demoto.
Architect—None.
Contractor—W. H. Higgins, 9439 Foothill Blvd., Oakland. $6300

DWELLING
(2705) S EAST SIXTEENTH ST. 100 W 7th Ave., Oakland. 1-story 6-rm. duplex dwelling and garage.
Owner—W. A. George, 1528 Franklin St., Oakland.
Architect—None.
Contractor—H. W. McIntier Company, 1528 Franklin St., Oakland. $6000

ALTERATIONS
(2706) SW CORNER THIRTEENTH & Harrison Sts., Oakland. Alterations
Owner—E. B. Field Company, 301 13th Oakland.
Architect—None.
Contractor—Robert E. Sheridan, 1012 Webster St., Oakland. $1500

FIRE REPAIRS
(2707) 930 WOOD ST., Oakland. Fire repairs.
Owner—Mrs. M. Viscovich, 930 Wood St., Oakland.
Architect—None.
Contractor—F. E. Allen, 2718 Regent St Berkeley. $1000

DWELLING
(2708) NO. 159 ALVARADO ROAD, Berkeley. Dwelling.
Owner—H. Hartzell, Fulton St., Bkly.
Architect—J. Altermath, 1911 Walnut St., Berkeley. $2000

APARTMENTS
(2709) NO. 3006 CLAREMONT AVE., Berkeley. Apartments and garage.
Owner—Capt. M. A. Anderson, 141 Caperton Ave., Berkeley.
Architect—M. I. Diggs, 1901 Telegraph Ave., Berkeley. $20,000

DWELLING
(2710) NO. 2252 DERBY ST., Berkeley. Dwelling.
Owner—E. E. Carpenter, Hotel Whitecotton, Berkeley.
Architect—None. $3750

DWELLING
(2711) NO. 1415 JOSEPHINE ST., Berkeley. Dwelling.
Owner—Henry Blume, 1330 Milvia St., San Francisco.
Architect—C. M. Norgrove, 2020 Roosevelt Ave., Berkeley. $3000

DWELLING
(2712) N CALMAR AVE 150 W Paloma Ave., Oakland. One-story 4-room dwelling.
Owner—G. F. Gould, 624 Beacon St., Oakland.
Architect—None. $3500

DWELLING
(2713) NO. 5835 HEARN ST., Oakland. One-story 3-room dwelling.
Owner—W. S. Runde, 5838 Hearn St., Oakland.
Architect—None.
Contractor—Redi-Made Bldg. Co., 2960 E-14th St., Oakland. $1500

DWELLING
(2714) W HIGH 80 N Carrington Ave., Oakland. One-story 5-room dwlg.
Owner—Miss Annie Bertola, 5404 College Ave., Oakland.
Architect—None.
Contractor—Berg & Anthony, 2039 23rd Ave., Oakland. $2500

DWELLING
(2715) E SEVENTY-NINTH AVE 475 S E-14th St., Oakland. One-story 5-room dwelling.
Owner—E. R. Blabon, 2581 62nd Ave., Oakland.
Architect—None. $2250

DWELLING
(2716) W VICKSBURG AVE 60 S 51st Ave., Oakland. One-story 6-room dwelling.
Owner—N. Nittler, 3300 E-17th St., Okd.
Architect—None. $3800

RESIDENCE
(2717) 2929 ASHBY AVE., Berkeley. Residence and garage.
Owner — Dr. C. J. Frederick, Easton Bldg., Oakland.
Architect—Wyhte, Blame & Osborne, 514 Central Bank Bldg., Oakland.
Contractor—C. W. Lawrence, 5321 Lawton Ave., Oakland. $13,388

ADDITION
(2718) 2710 CHANNING, Berkeley. Sorority House, addition.
Owner—Delta Gamma, 2710 Channing Way, Berkeley.
Architect—None.
Contractor—David Norstrom, 4146 Emerald Ave., Berkeley. $10,000

DWELLING
(2719) 1063 ENCLID AVE., Berkeley. Dwelling.
Owner—Max Yulic, 2535 Haste, Berkeley.
Architect—C. M. Rogers, 540 San Luis Rd., Berkeley.
Contractor—W. W. Osborne, 2507 Benvenue Ave., Berkeley. $4000

DWELLING
(2720) 2047 SAN ANTONIO, Berkeley. Dwelling.
Owner—H. Kirk, 605 Arlington Ave., Berkeley.
Architect—R. I. Stringham, 2243 Piedmont Ave., Berkeley.
Contractor—C. B. Crane & Son, 1188 Arch St., Berkeley. $7250

DWELLING
(2721) 528 SANTA BARBARA RD., Berkeley. Dwelling.
Owner—C. E. Hoblin, Roseville, Calif.
Architect—C. M. Rogers, 540 San Luis Rd., Berkeley.
Contractor— W. H. King, 111 Lake Ave. Piedmont. $4000

DWELLING
(2522) W GREENWOOD AVE. 173 S Hampel St., Oakland. 1-story 5-rm. dwelling and garage.
Owner—Gus Selander, 1812 6th Avenue Oakland.
Architect—None.
Contractor—J. A. Brett, 732 East 20th St., Oakland. $4800 & $200

DWELLING
(2723) N AILEEN ST. 150 E San Pablo Ave., Oakland. 1-story 2-family dwelling.
Owner—H. Marchiando, 1090 Aileen St., Oakland.
Architect—None.
Contractor—Angelo Icardi, 982 Aileen St., Oakland. $6000

DWELLING
(2724) 4615 EL CENTRO AVE., Oakland, 1-story 4-room dwelling.
Owner—Mrs. M. L. Sullivan, 248 Juana Ave., San Leandro.
Architect—None.
Contractor—N. J. Buckland, 1801 89th Avenue, Oakland. $2650

FLATS
(2725) 652-54 55TH ST., OAKLAND. 2-story 11-room flats.
Owner—F. Cerini, 5642 Ayala Street, Oakland.
Architect—None.
Contractor — E. Campomenosl, 5238 Lawton Ave., Oakland. $10,000

INCINERATOR
(2726) 4221 EAST FOURTEENTH ST., Oakland. Steel incinerator.
Owner—Blackman Lumber Co., 4221 E-14th St., Oakland.
Architect—Rees Blow Pipe Company, 340 7th St., S. F. $1200

DWELLING
(2727) 2206 FORTY-EIGHTH AVE., Oakland. 1-story 6-room dwelling.
Owner—J. Castro. E-14th St. and 19th Ave., Oakland.
Architect—None.
Contractor — State Builders Co., 919 Water St., Sausalito. $4900

STEEL INCINERATOR
(2728) 1257 46TH AVE., OAKLAND. Steel Incinerator.
Owner—Melrose Lumber Co., 1257 46th Ave., Oakland.

Architect—None.
Contractor—Rees Blow Pipe Co., 340 7th St., San Francisco. $1500

ALTERATIONS
(2729) 99 GLEN AVE., OAKLAND. Alterations.
Owner—J. H. Anderson, 99 Glen Ave., Oakland.
Architect—None. $1500

FIRE REPAIRS
(2730) 2215-19 HOPKINS ST., OAKland. Fire repairs.
Owner—C. J. Ernst, 2219 Hopkins St., Oakland.
Architect—None. $2000

DWELLING
(2731) 3261 HOPKINS ST., OAKLAND. 1-story 5-room dwelling.
Owner—W. I. DeLong, 1725 B Street, Oakland.
Architect—None.
Contractor—J. Hallway. $3000

DWELLING
(2732) SE 19TH ST 100 E 6TH AVE., Oakland. 1-story 4-room dwlg.
Owner—Wm. Rettig, 850 53rd St., Oakland.
Architect—None.
Contractor—O. F. Lyon, 520 San Fernenda, Berkeley. $3250

CHURCH
(2733) NE COR 90TH AVE & HOLLY St., Oakland. 2-story church.
Owner—Fifth Church of Christ, Scientist, 90th Ave & Holly St., Oakland.
Architect—Walter O. Lewis, 11 Bacon Bldg., Oakland.
Contractor—Walter O. Lewis, 11 Bacon Bldg., Oakland. $35,000

DWELLING
(2734) NE COR 92ND AVE & ALmond St., Oakland. 1-story 5-rm. dwelling.
Owner—A. E. Correira, 3121 East 27th E-17th St., Oakland.
Architect—None. $3000

DWELLING
(2735) N RICH ST 220 W WEBSTER St., Oakland. 1-story 5-rm. dwlg.
Owner—K. Fenander, 4153A Webster St., Oakland.
Architect—None.
Contractor — Morgensen Bros., 5664 Broadway, Oakland. $4000

DWELLING
(2736) 10425 RUSSETT ST., OAKland. 1-story 4-room dwelling.
Owner—Clara Andersen, Hayward.
Architect—None.
Contractor—Lewis Graham, 2327 64th Ave., Oakland. $2500

STORES
(2737) E SAN PABLO AVE 50 N Brockhurst, Oakland. 1-story stores.
Owner—J. O. Falkinham, Oakland.
Architect—None.
Contractor—Conrad Roth, Dublin Bldg., Oaland. $10,000

DWELLING & GARAGE
(2738) 1614 68TH AVE., OAKLAND. 1-story 4-room dwelling and gar.
Owner—E. W. Newman, 2316 Buena Vista Ave., Alameda.
Architect—None. $2625

DWELLING
(2739) E 67TH AVE 402 S ARTHUR St., Oakland. 1-story 5-rm. dwlg.
Owner—J. J. Cardoza, 1052 Harmon St, Berkeley.
Architect—None.
Contractor—H. J. Hawkins, 2925 Emerson St., Berkeley. $3500

PLATFORM
(2740) N 3RD ST E ALICE STREET, Oakland. Platform.
Owner—Western Pacific Ry. Co., Oakland.
Architect—None. $4590

APARTMENTS
(2741) W WALSWORTH AVE 110 N Garland St., Oakland. 2-story 12-room apartment.
Owner—Thomas Rigney, 70 Frisby St, Oakland.
Architect—None.
Contractor—Sommarstrom Bros., 1536 Franklin St., Oakland. $13,500

DWELLING
(2742) 438 WAYNE AVE., OAKLAND. 1½-story 6-room dwelling.
Owner—J. F. Allen, Oakland.
Architect—None.
Contractor—Andrew Meyer, 3139 Ellis St., Berkeley. $5000

BUNGALOW
(2743) EAST SIDE CLOFTON AVE. about 100 feet South from Boulevard Way, Lot 6, Blk. D, Map of Grand Avenue Heights. General contract for 6-room bungalow and garage.
Owner—Howard Dunn and Kathryn Dunn, Medical Bldg., Oakland.
Architect—W. J. David, 1500 Hampel, Oakland.
Contractor W. J. David, 1500 Hampel Oakland.
Filed May 19, 1924. Dated May 12, 1924.
When foundation is in .....——
Plastering is finished .....——
When completed .....——
35 days after acceptance is filed.——
TOTAL COST, $6731.00
Bond, sureties, forfeit, none. Limit, 80 days. Plans and specifications not filed

ADDITIONS
(2744) 2227 PARKER ST., Berkeley. additions.
Owner—Amelia F. Davis, 2227 Parker St., Berkeley.
Architect—None.
Contractor—G. T. Pratt, 1109 Amador, Berkeley. $2500

DWELLING
(2745, NO. 1542 CARLTON, Berkeley. Dwelling.
Owner—Florence MacGregor 622 Highland Ave., Berkeley.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland. $2750

DWELLING
(2746) 1636 KAINS AVE., Berkeley Dwelling.
Owner—W. A. Waeher, 2568 Humboldt Ave., Berkeley.
Architect—None. $3000

RESIDENCE
(2747) 1519 ARCH ST., Berkeley. Residence.
Owner — Captain Marsten, 1502 Arch, Berkeley.
Architect—None.
Contractor — H. Elmer Johnson, San Leandro. $9000

CHURCH
(2748) SOUTH SIDE OF DURANT Ave. bet. Telegraph Ave. and Bowditch St. Berkeley. All work shown in plans and in specifications for brick, concrete and steel church.
Owner—The Board of Trustees of Epworth University Church of the M. E Church, South Berkeley.
Architect — James W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—Lawton & Vezey, 357 12th Oakland.
Filed May 19, 1924. Dated May 16, 1924.
1st & 15th each month 75% of labor and material used.
Usual 35 days remaining.....25%
TOTAL COST, $166,753
Bond, $166,753; Sureties, Globe Indemnity Co.; Forfeit, $10 days; Limit, 160 working days; Plans and specifications filed.

RESIDENCE
(2749) NORTH SIDE OF RUSSELL Street and the West Side of Pine Path, Berkeley. General contract for 2-story residence.
Owner—J. Suh Johnson, Visalia.
Architect—W. P. Ratcliffe Jr., Mercantile Trust Bldg., Berkeley.
Contractor — Conner & Conner, 1733 Francisco St., Berkeley.
Filed May 20, 1924. Dated May 17, 1924.
Frame up $4292.50
1st coat of plaster 4292.50
Completed and accepted 4292.50
Usual 35 days 4292.50
TOTAL COST, $17,170
Bond, Sureties, Forfeit, none; Limit, 80 working days; Plans and specifications filed.

FLATS
(2750) LOT 10 BLOCK 17 MAP OF Daleys Scenic Park, Berkeley. General contract for 2-story frame house of 2 5-room flats.
Owner—Mrs. Clara Pond Powell, 2624 Hilgard Ave., Berkeley.
Architect—None.
Contractor—San Francisco Builders Inc 203 Whitecotton Hotel, Berkeley.
Filed May 20, 1924. Dated May 19, 1924.
Rough frame work $2150
Roof on 2150
Completed and accepted 2150
Usual 35 days 2150
TOTAL COST, $8600
Bond, $—; Sureties, U. S. Fidelity and Guaranty Co.; Forfeit, $5 per day; Limit, 90 working days; Plans and specifications filed.

GARAGE
(2751) W BROADWAY 150 N Moss Avenue, Oakland. 1-story Brick & tile garage.
Owner—H. B. Henderson, 198 Mountain Ave., Piedmont.
Architect—None.
Contractor—D. A. Dinnie, 3757 Broadway, Oakland. $18,000

DWELLING
(2752) E BROWN AVE 200 N California St., Oakland. 1-story 3-room dwelling.
Owner — Andrew L. Rasmussen, 3876 Brown Avenue, Oakland.
Architect—None. $1000

DWELLING
(2753) E CROFTON AVE. 100 S Boulevard Wy, Oakland. 1-story 7-room dwelling and garage.
Owner—Dr. H. Dunn, 552 31st St., Oakland.
Architect—None.
Contractor—W. J. David, 1500 Hampel St., Oakland. $6400 & $331

DWELLING
(2754) E EDGEWOOD AVE. 152 S Hollywood, Oakland. 1-story 5-rm. dwelling.
Owner—John Betz, 4642 San Sebastian Ave., Oakland.
Architect—None. $4000

DWELLING
(2755) E EIGHTY-NINTH AVE. 200 S B St., Oakland. 1-story 4-room dwelling.
Owner — Wm. Shields, Box 427 R.F.D. San Leandro.
Architect—None. $2000

DWELLING
(2756) 1423 EIGHTY-SECOND AVE., Oakland. 1-story .-room dwelling and garage.
Owner—Jos. Flittner, 1700 35th Ave., Oakland.
Architect—None. $3300

STORES & OFFICES
(2757) S HOPKINS ST. 34 E Fruitvale Ave., Oakland. 1-story and 2-story brick and tile stores and offices.
Owner—S. Garfinkle, 527 37th St., Oakland.
Architect—None.
Contractor—M. F. Sommarstrom, 738 East 17th St., Oakland. $11,500

DWELLING
(2758) S HUBERT RD. 349 E Carlston St., Oakland. 2-story 8-room dwlg.
Owner — Joseph Lawrence, 629 Walla Vista Ave., Oakland.
Architect — Schirmer & Bugbee, 524 Thayer Building, Oakland.
Contractor — G. H. Wendt, 1150 The Alameda, Berkeley. $9000

DWELLING
(2759) 4348 LEACH AVENUE, Oakland. 1-story 5-room dwelling.
Owner—Max Jochner, 1107 Magnolia St., Oakland.
Architect—None.
Contractor—H. Goranson, 3476 Laguna Ave., Oakland. $4600

DWELLING
(2760 3715 LINWOOD AVENUE, Oakland. 1-story 4-room dwelling.
Owner—Jos. Flittner, 1700 35th Ave., Oakland.
Architect—None. $3850

GARAGE ETC.
(2761) H McCLURE ST. 185 N 29th St., Oakland. 1-story tile garage and greenhouse.
Owner—Dr. A. Lillencrantz, 1739 Central Ave., Alameda.
Architect—E. T. Foulkes, 357 12th St., Oakland.
Contractor—Alfred Peterson, 3918 Linwood Ave., Oakland. $1400

DWELLING
(2762) 2315 NINETIETH AVE., Oakland. 1-story 6-room dwelling.

Owner—Manuel Govey, 2341 90th Ave., Oakland.
Architect—None.
Contractor—C. A. Cushman, 1675 85th Ave., Oakland. $3000

STORES
(2763) SW COR. NINETIETH AVE & Foothill Blvd., Oakland. 1-story stores.
Owner—S. McIlhinney, 805 Syndicate Bldg., Oakland.
Architect—None.
Contractor—F. A. Muller, 805 Syndicate Bldg., Oakland. $5300

ALTERATIONS ETC.
(2764) 1935 NINETY-FOURTH AVE., Oakland. Alterations and additions.
Owner—G. E. Davis, 1935 94th Ave., Oakland.
Architect—None.
Contractor—C. B. Francisco, 1470 87th Ave., Oakland. $1200

APARTMENTS
(2765) N PARK BLVD. 83 E Portland Ave., Oakland. 2-story 17-room apartments.
Owner—A. J. Whitaker, 1426 Franklin St., Oakland.
Architect—None.
Contractor — Harry C. Knight, 1426 Franklin St., Oakland. $17,700

ALTERATIONS
(2766) FOOT OF PARK ST., Oakland. Alterations.
Owner—Chin Hing.
Architect—None.
Contractor—Frank Yick, 300 8th St., Oakland. $1000

DWELLING
(2767) 1800 SIXTY-SIXTH AVE., Oakland. 1-story 5-room dwelling and garage.
Owner—C. Tollefsen, 5817 E-17th St., Oakland.
Architect—None. $3000 & $250

DWELLINGS
(2768) 7100 7106 WELD ST., Oakland. Two 1-story 5-room dwellings.
Owner—K. A. Johanson, 2429 13th Ave. Oakland.
Architect—None. $3000 each

DWELLING
(2769) 2019 LOS ANGELES, Berkeley. Dwelling.
Owner — Mrs. Coates, 2910 Telegraph Ave., Berkeley.
Architect—McWethy & Greenleaf, 2910 Telegraph, Berkeley. $6000

DWELLING
(2770) 1235 NEILSON, Berkeley. Dwelling.
Owner—Andrew Palazzi, 1620 W-14th St., Berkeley.
Architect—None. $2000

DWELLING
(2771) 954 SAN BENITO, Berkeley. Dwelling.
Owner—J. S. Hurry, 2410 Eunice, Berkeley.
Architect—J. Harry Smith, 1850 Solano, Berkeley. $4000

DWELLING
(2772) 1920 SEVENTH ST., Berkeley. Dwelling.
Owner — Harry Bedell, Delaware St., Berkeley.
Architect—Chas. Werner, 2416 10th St., Berkeley.
Contractor—Chas. Werner, 2416 10th St. Berkeley. $4500

DWELLING
(2773) S DELAWARE ST. 100 W Maple Ave., Oakland. 1-story 4-room dwelling.
Owner—A. H. Jasper, 3216 Brookdale Ave., Oakland.
Architect—None.
Contractor—Harry Meyer, 3216 Brookdale Ave., Oakland. $3200

DWELLING
(2774) E EUCLID AVE. OPP. PALM Ave., Oakland. 2-story 6-room dwelling.
Owner—H. E. Spair.
Architect—None.
Contractor—J. W. Monroe, 5538 Claremont Ave., Oakland. $7500

DWELLING
(2775) N FORTY-FOURTH ST. 163 E Grove St., Oakland. 1-story 6-room dwelling.
Owner—George Nicovich, 621 O St., Sacramento.
Architect—None.
Contractor—S. C. Angelich, 524 28th St. Oakland. $6250

ALTERATIONS
(2776) NW COR. 14TH AND MARKET Sts., Oakland. Alterations.
Owner—Mrs. Benzinger, 14th and Market Sts., Oakland.
Architect—None.
Contractor—Frank T. Malley, 900 Lakeshore Ave., Oakland. $3000

ALTERATIONS
(2777) 3218 EAST FOURTEENTH ST., Oakland. Alterations.
Owner—Tribune Publishing Co., 13th and Franklin, Oakland.
Architect—None.
Contractor—J. H. Pedgrift, 4106 Broadway, Oakland. $2000

DWELLING
(2778) S FORTY-FORTH ST., 140 W Market St., Oakland. 1-story 4-room dwelling.
Owner—C. Oddone.
Architect—None.
Contractor—C. Caretto, 2221 8th St., West Berkeley. $3750

STORES
(2779) E FRANKLIN ST. 60 N-17TH St., Oakland. 3-story brick stores.
Owner—G. B. Hengen, 805 Syndicate Bldg., Oakland.
Architect—None.
Contractor—F. A. Muller, 805 Syndicate Bldg., Oakland. $58,000

DWELLINGS
(2780) S HAGERMAN ST., 181, 214, and 248 E 35th Ave., Oakland. 3 1story 4-room dwellings.
Owner — Bertram S. Booth, 91 Nova Drive, Piedmont.
Architect—None. $2000 each.

DWELLING
(2781) E MIDVALE AVE. 160 N California St., Oakland. 1-story 4-room dwelling.
Owner—Andrew Knutsen, 2905 Midvale Avenue, Oakland.
Architect—None. $1700

DWELLINGS
(2782) E NINETIETH AVE. 135 170 S D Street, Oakland. Two 1-story 4-room dwellings.
Owner—Jos. Fernandez, 1123 11th Ave., Oakland.
Architect—None. $2500 each

DWELLING
(2783 6482 OUTLOOK AVE., Oakland. 1-story 5-room dwelling.
Owner—H. H. Julian.
Architect—None.
Contractor—Chas. D. Lyon, 3425 66th Ave., Oakland. $4200

DWELLING
(2784) NW COR. POWELL & MARshall Sts., Oakland. 1-story 8-room duplex dwelling.
Owner — Silvio Banchero, 1160 Powell St., Oakland.
Architect—None.
Contractor — Davis & Spinkling, 2077 University Ave., Berkeley. $5000

DWELLING
(2785) 5230 SHAFTER AVE., Oakland. 1-story 5-room dwelling.
Owner—Geo. F. Dowling, 407 Federal Bldg., Oakland.
Architect—None. $3500

DWELLING
(2786) 1336 SIXTIETH AVE., Oakland. 1-story dwelling and garage.
Owner—C. A. Shipman, 2671 55th Ave., Oakland.
Architect—None. $2900

DWELLING
(2787) 2441 SIXTY-FIFTH AVE. Oakland. 1-story 4-room dwelling.
Owner—C. A. Shipman, 2621 55th Ave., Oakland.
Architect—None. $2500

APARTMENTS
(2788) S E-TWENTY-FIRST ST .100 E 7th Ave., Oakland. Two-story 12-room apartment and garage.
Owner—C. S. Nichols, 2048 5th Ave., Oakland.
Architect—None. $9400

DWELLING
(2789) SW COR. TWENTY-SECOND Ave. and E-27th St., Oakland. 1-story 5-room dwelling and garage.
Owner—N. A. Blodget, 3940 East 14th St., Oakland.
Architect—None. $3100

APARTMENTS
(2790) E THIRTY-THIRD AVE. 115 S East 16th St., Oakland. 2-story 20-room apartments.
Owner — Mr. and Mrs. Fred Cox, 1515 34th Ave., Oakland.
Contractor—Guy L. Brown, 601 Amer. Bank Bldg., Oakland. $16,800

DWELLING
(2791) E VERNON ST 460 S Perkins St., Oakland. 1-story 5-room dwlg.
Owner—John F. Whalen, 324 Warwick Ave., Oakland.
Architect—None. $5000

FRATERNITY HOUSE
NO. 2250 PIEDMONT. Fraternity house.
Owner—The Bachelordon Club.
Architect—Reed & Corlett, The Oakland Bank Bldg.
Contractor—A. Cedarborg, 1455 Excelsior Ave. $25,484
NOTE—Recorded contract reported May 12, 1924, No. 2581.

DWELLING
NO. 2851 RUSSELL ST. Dwelling.
Owner—J. Sub Johnson, Dwight Way, Berkeley.
Architect—Wm. Ratcliffe, Mer. Trust Bank Bldg.
Contractor — Conner & Conner, 1726 Grove St., Berkeley. $17,170
NOTE—Recorded contract reported May 21, 1924, No. 2749.

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY
(THE SAN FRANCISCO BANK)
SAVINGS COMMERCIAL
INCORPORATED FEBRUARY 10th, 1868.
One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.
Member Associated Savings Banks of San Francisco
526 California Street, San Francisco, Cal.
DECEMBER 31st, 1923
Assets..... $89,174,468.57
Capital, Reserve and Contingent Funds..... 3,850,000.00
Employees' Pension Fund..... 430,275.37
MISSION BRANCH.....Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....Haight and Belvedere Streets
WEST PORTAL BRANCH.....West Portal Ave. and Ulloa St.
Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

Frame Building.
(2792) SE COR OF PARK & HUBBARD Sts., Emeryville. General contract for one-story wooden bldg
Owner—Dong Haw, Sacramento.
Architect—Enoch Tranmal, 483 Crescent, Oakland.
Contractor—Tranmal & Bradhoff, 483 Crescent, Oakland.
Filed May 20, 1924. Dated May 19, 1924. Brick work completed.....37½%
Completed and accepted 37½%
Usual 35 days 25%
TOTAL COST, $3267
Bond, Sureties, Forfeit, none; Limit, 25 working days; Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Amount
May 14, 1924—SE TWENTY-FIRST 678-6 W Telegraph Ave., Oakland. Pacific Gas & Electric Co to J Catucci.....May 10, 1924
May 14, 1924—E ½ LOTS 14 AND 15 Blk 1, Map Oakland Prospect Homestead Tract, Oakland. Annie L Corrica to Covey P Rose.....March 7, 1924
May 14, 1924—LOT 117 BLK 25, Havenscourt, Oakland. Clarence A Shipman to whom it may concern .....Oct. 5, 1923
May 14, 1924—LOT 116 BLK 25, Havenscourt, Oakland. Clarence A Shipman to whom it may concern.. .....Oct. 5, 1923
Mar 15, 1924—LOT 71 BLK 4545, Piedmont Manor, Piedmont. Florence Ford to W D Ford. May 13, 1923
May 15, 1924—LOT 71 BLK 4445, Piedmont Manor, Piedmont. Florence Ford to W D Ford. May 13, 1924
May 17, 1924—NO. 396 ESTUDILLO Ave., San Leandro. F M Neher to F M Neher.....May 16, 1924
May 17, 1924—N FOOTHILL BLVD bet. 79th Ave. and Parker Ave., Oakland. Paul Warm to whom it may concern.....May 16, 1924
May 17, 1924—SIDING AT ESTUDILLO. Southern Pacific Co to Hutchinson Co.....May 10, 1924
May 17, 1924—SATHER STATION, Oakland. Southern Pacific Co to Hutchinson Co.....May 10, 1924
May 17, 1924—NO. 2915 MINNA AVE., Oakland. Geo Edwards to whom it may concern.....May 16, 1924
May 17, 1924—LOT 9 Mackinnon Park Tract, Oakland. Adolph M and Alberta C Blum to Conrad Roth.... .....May 13, 1924
May 17, 1924—NO. 1827 SIXTY-ninth Ave., Oakland. W A Croll to whom it may concern...May 12, 1924
May 17, 1924—BEING PTN TRACT of Land conveyed by A. M. Duperu to Geo Friend. A M and Dorothy Ann McKillop to J Harry Smith... .....May 15, 1924
May 17, 1924—LOT 12 and NE 12.50 ft. Lot 11 Blk 5, Havenscourt. Rock and Lena Lafleche to Jos Flittner .....May 17, 1924
May 17, 1924—LOT 28 BLK 36, Amended Map of Fairmont Park, Oakland. Alma E Turner to whom it may concern.....May 17, 1924
May 17, 1924—PTN LOT 15 BLK 8, Fourth Ave Heights, Oakland. Alice Blomberg to whom it may concern .....May 16, 1924
May 17, 1924—LOT 36 Dutton Manor, Oakland. G R Blasingame to whom it may concern.....May 16, 1924
May 17, 1924—LOT 33 and NE 10 Lot 34 Blk "G" Map of Laurel Grove Park, Brooklyn Tp. Anabelle Siemsen to A Visser.....May 10, 1924
May 16, 1924—LOTS 9, 10 AND 11 Blk 78, Kellersberger's Map of Oakland. O M Farwell to S G Johnson.....May 6, 1924
May 16, 1924—LOTS 19 AND 20 BLK "E" Map Peralta Heights, Oakland. M G Kendall to California Builders Co.....May 15, 1924
May 16, 1924—PTN BLK "J" Map No. 2, Highland Terrace, Oakland. Jas B Muir to James B Bishop..... .....May 14, 1924
May 15, 1924—S 40 LOT 1 BLK 30 S Lot 2 Blk 30, Amended Map of Fairmont Park, Berkeley. H Dubnoff to whom it may concern..... .....May 14, 1924
May 16, 1924—LOT 22 AND ½ OF Lot 23, Blk. 14, Havenscourt. Lewis Graham to Lewis Graham..... .....May 16, 1924
May 16, 1924—EAST SIDE OF WEBSTER St., North of San Antonio Ave. or 1314 Weber St. Reite Bros. to Reite Bros. .....May 15, 1924
May 16, 1924—3901 3915 PIEDMONT Ave., Oakland. Lawrence Jensen to C. W. Short.....May 15, 1924
May 16, 1924—2022 97TH AVE., Oakland. P. J. Cook to Geo E. Nickerson .....May 16, 1924
May 16, 1924—LOT 13, AND PTN. 14, Blk. D, Broadway and Telegraph Park Tract, Oakland. Mary Duffy to Angello De Fabbio ..May 15, 1924
May 16, 1924—LOT 8, GLEN VIEW Tract, Oakland. S. Victor Davidow to S. Victor Davidow..... .....May 15, 1924
May 16, 1924—LOT 9, Blk. A, 4-9 ft. of Lot 10, Lakeshore Hills Tract, Oakland. R. S. Stephens and Clara Stephens to whom it may concern .....May 10, 1924
May 16, 1924—Known as 2028 89TH Ave., Oakland. P. J. Cook to Geo. E. Nickerson .....May 16, 1924
May 16, 1924—N-S ALLEEN ST. about 142 ft. E of Adeline St., Lot 31, Santa Fe Tract No. 20. G. C. Spaeth to California Builders Co. .....May 10, 1924
May 16, 1924—LOT 18, BLK. H, Northbrae Terrace. Arthur A. Wendering to Fox Bros...May 15, '24
May 16, 1924—RANGE 14, MAP OF the Harry Tract in Oakland Tp., Alameda Co. E. R. Williams to whom it may concern. May 15, 1924
May 16, 1924—1512 EXCELSIOR Ave., Oakland. L. C. Fish to L. C. Fish .....May 12, 1924
May 20, 1924—LOTS 23 AND 24, BLK. 269, Adeline and Market St. Tract. A. P. Vincearver to G. A. Scott.. .....May 19, 1924
May 20, 1924—2107 HAVENCOURT Blvd. Norman G. Vadualis to W. M. Glaser and N. G. Vadualis... .....May 10, 1924
May 20, 1924—5849 SAN PABLO AVE. M. Roggero and A. Manacorda to John Passarino .....Not given
May 20, 1924—LOT 19, BLK. 2, Thousand Oaks Heights. W. G. Appleton to whom it may concern .....May 12, 1924
May 19, 1924—COM. INTERSECTION of N line of E-14th and southerly line of Dutton Ave. thence NE 120 ft. thence SE 120 ft. thence SW 120 thence N in 120 ft. J. R. Freeman to Harry Begier ..May 19, 1924
May 19, 1924—WESTERN 45 FT. OF Lot 10 Map of Ellsworth Tract Berkeley. Alpha Gamma Delta Chapter House Co. to Charles L. Sturm .....May 15, 1924
May 9, 1924 — LOT 16, BLOCK Y, Map of Iveywood, Oakland. Albert E. Waldman to Albert E. Waldman.....May 9, 1924
May 19, 1924—LOT 11, BLK. B, Golden Gate Homestead Tract. Lorena E. Meadows to O. H. Butzke.. .....May 12, 1924
May 19, 1924—NE COR. 14TH AND Franklin. Atico Building Co. to Dinwiddie Construction Co..... .....May 17, 1924
May 19, 1924—WEST SIDE LAUREL St., 90 ft. N of Eunice St. William F. Clarke to Allen and Conrad.... .....May 15, 1924
May 19, 1924 — COMMENCING INtersection of W Line of Harrison St. with N Line of 17th St. running NE 20-38 thence NW 150 ft. thence SW 20-38 thence NE 150 ft. (as recorded). Arthur Nollinger to E. A. Muller ..... Apr. 25, 1924

LIENS FILED

ALAMEDA COUNTY

May 14, 1924—LOT 5 BLK "C" Map Glenwood Park on Broadway Terrace near Duncan Way, Oakland. Harry Wessel vs Frederick Dubovsky, Villa Site and Development Co $1356
May 16, 1924—PTN LOTS 182 AND 183 Map Fremont Tract, Oakland. P H Blake vs E L Jett and R V Wallace $100
May 14, 1924—S 38 LOT "X" E 40 Lots G and Y and N 12 of the 40 ft. of Lot, Oakland. H A Childers vs A Tolubuff and M Pestrovo.....$1575
May 16, 1924—LOT OF LAND NORtherly line of Dwight Way, 300 ft. E of Telegraph Ave., Berkeley. Hutchinson — Mills vs. F. W. Maurice, Wilhelmina Tibbe and Mrs. Catherine Black. $430.00
May 16, 1924—LOT 1 & 2, BLK. G, Map Subdivision D, of Blk. E F & G, Mary E. Mortimer Addition to Niles. Vieux Bros. vs. Salvatore De Giulio and Eggeja De Giulio and M. S. Foss .....$127.00.
May 14, 1924—LOT "Y" BLK 5, Graves & Taylor. Thos C Scott vs A Toluboff, M Pestrovo.....$398.50
May 20, 1924 — PORTION OF LOTS Y and Z, Map of Block 5, Graves and Taylor Tract. E. D. Swift vs. A. Tolubuff, M. Pestrova and Geo. Balliet $1081.31
May 20, 1924 — POR. LOT X, MAP of Blk. 5, Graves and Taylor Tract E. D. Swift vs. A. Tolubuff, M. Pestrova and Geo. Balliet...$736.65
May 20, 1924—POR. LOT X, Y and Z Map of Block 5, Graves and Taylor Tract vs. A. Tolubuff, M. Pestrova and Geo. Balliet $810.30
May 20, 1924—LOT 5, BLK. C, Map of Glenwood Park, Oakland. A. V. Woods vs. Fred Dubovsky and Harry Wessel $125.00
May 20, 1924—POR. OF LOT X, Y and Z, Blk. 5, Graves and Taylor Tract. Petrium Sanitary Sink Co. vs. A .Tolubuff, M. Pestrova, and George F. Balliet $120.00
May 20, 1924—LOT 46, KEY ROUTE Acres. Hogan Lumber and Mill Co. vs. H. V. Hughes $257.05
May 20, 1924—LOTS 9 AND 10, BLK. 41, Kellersberger Survey. V. H. Carter vs. Hyman Davis and Dora Davis $1928.20
May 15, 1924—LOT 1, MAP OF SANta Fe Tract No. 22, Oakland. Strable Hardwood Co. vs. E. L. Thompson $68.80
May 21, 1924—LOT 23 OF FULLER & Todd Tract. Cooley Hardwood Mfg. Co. vs. Grace E. Hickok and L. R. Butter $70.00

RELEASE OF LIENS

ALAMEDA COUNTY

May 19, 1924—COM. AT A POINT on the NW line of 9th Ave. distant thereon 55 ft. N Easterly from the NE line of E-22nd running thence NE along 9th Ave. 45 ft. thence NW 150 ft. thence SW 45 ft. thence SE 150 ft. to point of beginning. George H. Tay Co. to F. J. Everett, James Murdock and Walter H. Garrett $214.14
May 19, 1924—PTN. OF LOTS 17 AND 16, Blk. 6, Map of Allendale Park Tract. Leon Pritchett to E. C. Kramer $144.00
May 19, 1924..PORTION LOTS 16 & 17, Blk. 6, Map of Allendale Tract. Harvey F. Hall and W. Falkenstein to Kramer Bros., E. C. Kramer and C. W. Kramer. Amt. not given
May 19, 1924—PORTION OF LOTS 16 and 17, Blk. 6, Map of Allendale Tract. Nelson Lumber Co. to C. C., C. W., and Adam Kramer, Kramer Bros., and Susie Betts. Amt. not given
May 19, 1924—E 20 FT. OF LOT 17 and W 12 ft. of Lot 16, Blk. 6, Allendale Park Tract. Powell Bros. Inc. to E. C. Kramer $57.40
May 19, 1924—E 20 FT. OF LOT 17 and W 12 ft. of Lot 16, Blk. 6, Map of Allendale Park Tract. Dunner-Matheny Sash & Door Co. to Kramer Bros., E. C. Kramer $151.30
May 19, 1924—LOT 14 AND NW 5 FT. of Lot 13, SE 1ft. of Lot 15, Blk. 6, Map of Allendale Tract. Swift & Co. to Kramer Bros., Earl C., and Chas. W. Kramer, and Susie Betts. $893.46
May 15, 1924—LOT 44 Map Fruitvale Park, Oakland. Hutchinson Co to J S Marshall $138.13
May 14, 1924—LOT 16 BLK "C" Map The Oaks, Oakland. Lee J Immel, $117.15; C B Matheny, $265.72; Edward North, $120 to E J McCord and Mary A Preston.....
May 14, 1924—LOT 16 BLK "C" Map The Oaks, Piedmont. William Ambrose to F E and Jane Doe Preston $125
May 14, 1924—LOT 16 BLK "C" Map The Oaks, Piedmont. Harry Larsen to Mary A Preston $943.25

BUILDING CONTRACTS

SANTA CLARA COUNTY

COTTAGE
PORTION OF LOT 43, BLK. 1, Burrell Park. All work for a five-room 1-story stucco cottage.
Owner—George L. Morgan, 460 S-1st St., San Jose.
Architect—None.
Contractor—Percy Sherburne, 375 N-15th St., San Jose.
Filed May 13, 1924. Dated May 13, 1924.
When bldg. is enclosed .....¼
When brown mortar is on .....¼
When com. and accepted .....¼
35 days after filing of notice of completion ..... Balance
TOTAL COST, $3515
Bond, One. Sureties, James E. Payne and Otto E. Schnabel. Forfeit, $2000. Limit, 65 days from May 13, 1924. Plans and specifications filed.

COTTAGE
LOT 2, BLK. 4, R 7 S, San Jose. All work for one-story duplex cottage and double garage.
Owner—Henrietta Gaston, % J. J. Rengas, San Jose.
Architect—None.
Contractor—R. T. Souther, 305 Meridian, San Jose.
Filed May 2, 1924. Dated Apr. 26, 1924.
Building enclosed $935
Brown mortar on 935
Bldg. completed 935
Usual 35 days 935
TOTAL COST, $3740
Bond, sureties, forfeit, none. Limit, 90 days from April 26, 1924. Plans and specifications filed.

SCHOOL
W NINTH ST. 171-14 ft. N Santa Clara St. N 192 ft. W 137-99 N 4-54 ft. W 137-99 ft. to 8th, S on 8th 91-92 ft. E 137-98 ft. S 100-08 ft. E 137-98 ft. to 9th and beginning, San Jose, Cal. All work for 2-story elementary school building.
Owner—The Roman Catholic Archbishop of San Francisco, 1100 Franklin St., S. F.
Architect—Chas. J. I. Devlin, 757 Pacific Bldg., San Francisco.
Contractor—Megna & Newell, 866 N 17th St., San Jose.
Filed May 1, 1924. Dated Apr. 30, 1924.
Payments to be made in installments during the progress of the work, on the 1st and 15th in sums approximating 75% of contract value and 25% to be paid 35 days after completion and acceptance.
TOTAL COST, $80,952.50
Bond, one. Sureties, Hartford Accident & Indemnity Co. Forfeit, $40,500. Limit, 180 working days from April 30, 1924. Plans and specifications filed.

DWELLING
LOT 4 BLK 68, Palo Alto. All work for one-story frame dwelling and garage.
Owner—H. F. Wilson, 72 22nd Ave., San Francisco.
Architect — Warren Skillings, Garden City Bank Bldg., San Jose.
Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.
Filed May 19, '24. Dated May 13, '24.
Frame up $3112.50
Brown coated on inside..... 3112.50
Completed and accepted..... 3112.50
Usual 35 days..... 3112.50
TOTAL COST, $12,450.00
Bond, $6225. Sureties, Jno. Dudfield & Joseph A. Jury. Limit, 90 days from May 13, 1924. Forfeit, none. Plans and specifications filed.

TWO-STORY, (8) apartment house, $12,750; 228 E San Carlos, San Jose owner, T. P. Mitchell, 1105 S 7th, San Jose; architect, Howard Walto, 132 Balbach, San Jose.
TWO 5-room cottages, $3950 each; Second near Mission, San Jose; owner, Vendome Const. Co.; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, W. H. Norman, 272 S 12th, San Jose.
FIVE-ROOM cottage, $3000; Shortridge near 33rd, San Jose; owner, R. C. Douglas, White Rd., San Jose.
ALTERATIONS, $1500; 274 N Fifth, San Jose; owner, Dr. E. W. Pratt, 274 N 5th, San Jose; contractor, H. R. Sherman, 528 Chapman, San Jose.
FOUR-ROOM cottage, $2500; Hull near Prevost, San Jose; owner, A. L. Crosby.
FIVE-ROOM cottage, $2500; Palm near Floyd, San Jose; owner, C. Carlson, 4 Menker, San Jose.
FIVE-ROOM cottage, $3100; Seventh near Keyes, San Jose; owner, J. C. Carpenter, 888 S 7th, San Jose; contractor, G. S. Carpenter.
FOUR-ROOM cottage, $2600; Tenth near William; owner, B. O. Dolan, 55 Delmas, San Jose; architect, B. J. Smith, 33 Schiele Ave., San Jose.
THREE-ROOM cottage, $1000; San Antonio near 31st, San Jose; owner, A. J. Ogg.
FIVE-ROOM cottage, $3825; 31st near Santa Clara, San Jose; owner, Real Estate Subdivision Co.
FOUR-ROOM garage, $——; Santa Clara near 34th, San Jose; owner, Lyle Decker.
AUTO laundry shed, $3000; Santa Clara near Sixth, San Jose; owner, F. R. Cook, 1600 Alameda, San Jose.
COTTAGE, 5-room, $2800; Seventh St. near Beston, San Jose; owner, W. E. Oglesby, 867 S-11th St., San Jose; contractor, B. J. Smith, 33 Schiele Ave., San Jose.
SCHOOL building, two-story, $81,955; Ninth St. near Santa Clara St., San Jose; owner, Roman Catholic Archbishop of San Francisco; architect, Chas. J. Devlin, San Francisco; contractor, Megna & Newell, 866 N-17th St., San Jose.
COTTAGE, 5-room, $2230; Edwards St. near Orchard St., San Jose; owner, T. Matranga; contractor, V. R. Caminetti, 975 Vine St., San Jose.
ADDITION, $1900; Santa Clara and Autumn Sts., San Jose; owner, S. H. Chase & Co., 547 N-Santa Clara St., San Jose; contractor, Chas. S. Thomas.
ADDITION, $1000; No. 25 N-Seventh St., San Jose; owner, Day Nursery; contractor, A. H. Petrie, 198 S-22nd St., San Jose.
COTTAGE, $3150; Seventh St. near Keyes St., San Jose; owner, J. W. Carpenter; contractor, G. S. Carpenter.
COTTAGE, 4-room, $2100; Eighth St. near Martha St., San Jose; owner, Jno. W. Williams, 931 S-Eighth St., San Jose.
COTTAGE, 6-room, $4500; Twenty-first St. near Mission, San Jose; owner, Marianelli Bros., 748 N-21st St., San Jose; contractor, George Garavaglia.
COTTAGE, 5-room, $3680; Tenth St. near Keyes, San Jose; owner, Tony Costa, Fleming St., San Jose; contractor, Main & Evans.
COTTAGE, 5-room, $2300; Orchard and Willow Sts., San Jose; owner, S. BBruno, 200 Willow St., San Jose; contractor, A. M. Whiteside, 71 S-19th St., San Jose.
WAREHOUSE, $1855; Bassett and Pleasant Sts., San Jose; owner, Stuart Fruit Co., New St. Cor. Pleasant St., San Jose; contractor, Al. Compton, 547 N-17th St., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
May 12, 1924 — LOTS 10 AND 11, Blk. 10, Range 3 West, Mace's South Western Addition. Salvotore Gibino to whom it may concern ..... May 7, 1924
May 13, 1924—NW WILLIAM ST. & 16th St., N 60 x 127-96 ft., San Jose, Cal. E. R. Snyder to whom it may concern ..... May 13, 1924
May 14, 1924—PART OF LOTS 20 & 21, Blk. 6, Hanchett Residence Park. Isabel M. Wallis to whom it may concern.....May 14, 1924
May 14, 1924—LOT 3, BLK. 10, Rose Lawn. Harry F. Dowell and Elsa M. Dowell to whm it may cncern ..... May 13, 1924
May 14, 1924—E FIRST ST. 183¼ ft. S Taylor S on 1st St. 62-75 ft. E 137½ ft. N 68-75 ft. right angle W 137½ ft. to beg., San Jose. M. B. Bell to whom it may concern ..... May 14, 1924
May 14, 1924—THE E ½ OF LOT 1, Reed's Addn., San Jose, Cal. Wm. McBurns to E Slaught..May 12, 1924
May 14, 1924—W TENTH ST., 39 ft. from dividing line bet. Lots 16 and 17, Blk. 7, Dwine Survey S on 10th 39 ft. x 137-99 ft., San Jose. A. York to whom it may concern.. ..... May 5, 1924
May 14, 1924—NE GUINDA ST. AND SE Addison Ave., SE on Guinda 50 ft. by 150 ft. Ptn Lot 1 Blk 95, Palo Alto. Lillien A. Dudfield to whom it may concern..May 8, 1924
May 14, 1924—NE GUINDA 250 ft. SE Addison SE on Guinda 50 x 150 ft. part 2, Blk. 96, Palo Alto. Lillien A. Dudfield to whom it may concern ..... May 8, 1924
May 15, 1924—MT. VIEW UNION High School. Mt. View Union High School District to W H Picard, May 9; Paupl Messner, May 9; John D Carlson, May 9; Gladding, McBean & Co, May 9; R Zelinsky, May 9; C F Weber & Co, May 9; Fred Medart Mfg Co, May 9; Boyd Lighting Fixture Co, May 9; Rucker Fuller Desk Co, May 9; W P Fuller & Co, May 9; M E Ryan, May 9; Oakland Concrete & Terrazzo Co, May 9; Fair Mfg Co, May 9; Malott & Peterson, May 9, and E M Hundley .....May 9, 1924
May 15, 1924—SW SAN CARLOS AND Delmas Ave, San Jose. J P and Sayde A Greene to whom it may concern.....
May 16, 1924—LOT 28 BLK 12, Rose Lawn, San Jose. A V Lane to whom it may concern.....May 15, 1924
May 16, 1924—LOT 15 BLK 41, University Grounds, San Jose. Arthur L Croshy to whom it may concern.....May 10, 1924
May 16, 1924—LOT 26 BLK 2, Alameda Park, San Jose. Clyde and Elsie P Alexander to whom it may concern.....May 16, 1924
May 16, 1924—LOT 25 BLK 10, Rose Lawn, San Jose. Joseph W Azevedo to whom it may concern.May 16, 1924
May 16, 1924—LOT 26 Hanchett Court San Jose. B J Smith to whom it may concern.....May 16, 1924
May 17, 1924—MT. VIEW UNION High School, Mt. View. Mt. View Union High School District to Western Theatre Supply Co, May 9; Thomas Carroll, May 9; W Heidt Cornice Works, May 9 and D N & E Walter & Co.....May 9, 1924
May 17, 1924—LOTS 15 BLK 1, Cline Sub, San Jose. D M Cline to whom it may concern.....May 16, 1924
May 17, 1924—PTN LOT 2 Gunckel Sub No. 2 ,San Jose. May F and Frank A Peterson to whom it may concern.....May 17, 1924
May 17, 1924—NO. 363, 365, 367 E-Santa Clara St., San Jose. Oren C and Elsie A McDonald to whom it may concern.....May 16, 1924
May 19, 1924—NO. 289 N-ELEVENTH St., San Jose. Lydia E Kelsey to whom it may concern...May 10, 1924
May 20, 1924—LOT 13 Sycamore Tract San Jose. Wade H and Hazel A Kerins to whom it may concern.. .....May 12 ,1924
May 20, 1924—LOT 9 Clara Vista Addition, San Jose. Harold Foster to whom it may concern...May 17, 1924

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
May 14, 1924—PTN. OF LOTS 16 & 17 Blk. 16, Beachs Addition, San Jose, Cal. William B. Stone vs. Michael K. and Minnie C. Muller..$45.00.
May 19, 1924—126 ACRES ON E Side Saratago and Mt. View Road adj. Calabazas Creek, Except 10 acres. Wm Myer vs Gertrude, Mary F, Fannie, Martin and William J Ball $1100
May 20, 1924—LOT 26 BLK 18 Town of Morgan Hill. The Sunset Lumber Co vs R H Hencken.....$1132.52
May 20, 1924—SW 95 LOT 26 BLK 18, Morgan Hill Rch 2. K T Romie vs F K Schalow $185.50

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
May 15, 1924—LOT 10 BLK 15, Chapman and Davis Tract, San Jose. H B Miller, Frank J Fisher, L J Van Dalsen (as Miller Plumbing Co) to Louise and Bert Langley.....$305

May 15, 1924—N WILLIAM ST. and W 16th St. W on William St. 127.96x 60, San Jose. H B Miller, Frank J Fisher and L J Van Dalsen (as Miller Plumbing Co) to H A Spreen and E R Snyder $545.90

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW
LOT 8 BLK 23 OAK KNOLL MANOR, Redwood City. All work for bungalow.
Owner—F. M. Perkins.
Architect—None.
Contractor—F. C. Gouzen & G. L. Kniverton. Redwood City.
Filed, —, Dated April 7, 1924.
Framer $900
Plastered 900
Completed and accepted..... 900
Usual 35 days 900
TOTAL COST, $3600
Bond, $1800; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, 90 working days; Plans and specifications filed.

LOTS 12 & 13 BLOCK 1 BURLINGAME Land Co., Burlingame. All work for concrete stores building.
Owner—John E. & Annie J. Casey, 23 Ellsworth, San Mateo.
Architect—Alfred Kuhn & Thomas Edwards, 833 Market, San Francisco
Contractor—Thomas J. Broderick, 1528 Cypress, Burlingame.
Filed April 24, 1924. Dated Apr. 24, 1924.
Walls ??,?.....$5700
Both completed 5700
Completed and accepted 5979
Usual 35 days 5800
TOTAL COST, $23,197
Bond, none; Forfeit, $15; Limit, 90 wk days; Plans and specifications, none.

RESIDENCE
LOT 18 BLOCK 33 DUYCE PARK, Redwood City. All work for frame residence.
Owner—O. E. Doyle, Redwood City.
Architect — A. Coffey, 115 Arch. Redwood City.
Contractor — Arthur Knoll, Redwood City.
Filed May 8, 1924. Dated May 6, 1924.
Framed $1200
Brown coated 1200
Plastered 1200
Completed and accepted 1200
Usual 35 days 1950
TOTAL COST, $6750
Bond, none; Forfeit, $20; Limit, 90 wk days; Plans and specifications filed.

BUNGALOW
LOT 19 BLK B E HAYWOOD PARK, San Mateo. All work for bungalow.
Owner—A. L. Grover.
Architect—None.
Contractor—F. H. Brown, 1420 Bernal, Burlingame.
Filed May 8, 1924. Dated May 5, 1924.
Framed $1323
Brown coated 1323
Completed and accepted 1323
Usual 35 days 1326
TOTAL COST, $5295
Bond, Forfeit, none; Limit, before Aug 15, 1924; Plans and specifications filed.

STORE BLDG.
W ½ LOTS 1 & 2 EASTON. Burlingame. All work for reinforced concrete store building.
Owner—Josephine Lamb et al.
Architect—Chris Larsen, 1228 Laguna. Burlingame.
Contractor—The Larson Co., 1205 Bdwy Burlingame.
Filed May 7 ,1924. Dated April 28, 1924.
Walls poured $2365
Plastered 2365
Completed and accepted 2365
Usual 35 days 2368
TOTAL COST, $9463
Bond, Forfeit, Limit, none; Plans and specifications filed.

BUNGALOW
LOT 28 BLK 10 BURLINGAME TERRACE, Burlingame. All work for frame bungalo wand garage.
Owner —Edward E. Baura.
Architect—None.
Contractor—Oscar L. Cavanaugh, 205 State San Mateo.
Filed May 1, 1924. Dated May 1, 1924.
Framed $1210
Roof on 1210
Brown coated 1210
Completed and accepted..... 1210
Usual 35 days 1210
TOTAL COST, $6050
Bond, Forfeit none; Limit, 60 working days; Plans and specifications, none.

LOT 3 BLOCK 38 EASTON ADDITION Redwood City. All work for residence.
Owner—E. Zinola, Redwood City.
Architect—None.
Contractor—Louis N. Pollard, 55 Brewster, Redwood City.
Filed May 12, 1924. Dated May 6, 1924.
Framed $675
Brown coated 675
Completed and accepted..... 675
Usual 35 days 675
TOTAL COST, $2700
Bond, Sureties, Forfeit, none; Limit, 90 wk. days; Plans and specifications filed

STORE BLDG.
SE CORNER MISSION & WELLINGTON Sts., Daly City. All work for frame (3) store bldg.
Owner—Chas. P. Gibbons, 315 Montgomery St., San Francisco.
Architect—None.
Contractor—D. L. Bienfield, 447 21st Ave., San Francisco.
Filed May 12, 1924. Dated April 30, 1924
Roof sheathed $1223.75
Brown coated 1223.75
Completed and accepted 1223.75
Usual 35 days 1223.75
TOTAL COST, $4895
Bond, Sureties, Forfeit, none; Limit, 90 wk. days; Plans and specifications filed.

RESIDENCE and garage, $5000; Lot 20 Blk 27 Easton No. 2 Cabrillo, Burlingame; owner, W. O. Nicolaids, 218 Peninsula Ave., Burlingame.
APARTMENTS, $4000; 212 County Rd, Burlingame; owner, Oscar L. Cavanagh, 256 State, San Mateo.
RESIDENCE, $3000; Lot 23 Blk. 6 Morrel Ave., Burlingame; owner, G. R. Anderson; contractor, G. R. Anderson.
BUNGALOW and garage, $6000; Lot 20 Blk 30 Easton No. 2 Cabrillo, Burlingame; owner, Chas. Norton; contractor, Daley Bros.
STORES, $9445; Lots 1 & 2 Blk 4 Easton No. 1 Broadway, Burlingame; owner, Lamb & Douglas; contractor, Chris Larson, 1228 Laguna, Burlingame.
DWELLING 2-room, $1000; 128 No. G St., San Mateo; owner, A. Eranasian, 128 No. G St., San Mateo; contractor, A. Eranasian, 128 No. G St., San Mateo.
BUILDING 1-story and garage, $4650; Wisnam Ave., San Mateo; owner, W. Simpson; contractor, Frank Ferrea, 712 5th St., San Mateo.
BUNGALOW and garage, $4000; Lot 42 Blk D Highland Ave., San Mateo; owner, Henry Kruze, Los Gatos; contractor, Hammer & Hultberg, Burlingame.
DWELLING and garage, $4000; Lot 20 Blk M 11th Ave. Hayward Park. San Mateo; owner, Mrs. C. Darsey; contractor, Frank Ferra, 712 5th Ave., San Mateo.
DWELLING and garage, $4250; Lot 18 Blk E B St. Hayward Park, San Mateo; owner, W. W. Werner, 5 So C St., San Mateo; contractor, R. C. Stickle, So. San Francisco.
DWELLING and garage, $5000; Lot 21 Por. 20 Blk R 16th Ave., San Mateo owner, Paul Prihuss, 929 Laurel Ave., San Mateo; contractor, Paul Prihass, 929 Laurel Ave., San Mateo
DWELLING, $10,000; Job Por. Lot 3 Blk 3 A Highway, San Mateo; owner, C. H. Elizebeth, Lymbery, San Mateo; contractor, Mitchell Jackson & Co., 170 2nd Ave., San Mateo.
DWELLING and garage, $4000; Lot 19 Blk A Prospect Row, San Mateo; owner, Jas. D. Crichton, 130 Prospect Row, San Mateo; contractor, Jas. D. Crichton, 630 Prospect Row, San Mateo.
DWELLING and garage, $10,000; Por. 299 & 300 Hillcrest Rd., San Mateo; owner, C. B. Stoner, 228 Primrose, Burlingame; contractor, S. A. Wisnom, A & 2nd, San Mateo
DWELLING, $11,500; Lot 12 Glazenwood, San Mateo; owner, Chas. H. Seymour, 1500 Burlingame, Burlingame; contractor, S. A. Born Bldg. Co., Glazenwood, San Mateo.
DWELLING and garage, $5500; Lot 19 Blk E 12th Ave, San Mateo; owner, A. L. Grover, 310 Elsworth, San Mateo; contractor, F. H. Boring, 1420 Bernal Ave., Burlingame.
DWELLING and garage, $8000; Lot 68 Clark Drive San Mateo Park, San Mateo; owner, Hammon & Hultberg, Burlingame; contractor, Hammer & Hultberg, Burlingame.
BUNGALOW and garage, $5000; Lot 32 Blk 58 Easton No. 7 De Sota, Burlingame; owner, Chas. Cross; contractor, J. B. Oswald.
BUNGALOW and garage, $5000; Lot 31 Blk 58 Easton No. 7 De Sota, Burlingame; owner, Christopher Lucier; contractor, J. B. Oswald.
BUNGALOW and garage, $4500; Lot 9 Blk 34 Stanley Road, Burlingame; owner, Mrs. Geo. K. Doflings, 241 Stanley, Burlingame; contractor, B. Hummer.
BUNGALOW, $4000; Lot 12 Blk G Easton No. 7, Columbus, Burlingame; owner, E. Young, 1468 Balboa, Burlingame; contractor, Simond & Simonds.
DUPLEX BUNGALOW, $6500; Lot 5 Bk 3 Easton No. 1 Laguna, Burlingame owner, Marie E. Gillespie; contractor, Robinson & Gillespie, 1051 Sutter St., San Francisco.
BUNGALOW, $5000; Lot 15 Blk 4 Easton No. 1, Burlingame; owner, Mr. Sisser; contractor, E. S. Shaver, 765 Farrington, Burlingame.
BUNGALOW and garage, $4000; Lot 14 Blk 8 Burlingame Grove, Burlingame; owner, T. T. Barnett; contractor, T. T. Burnett.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville,
Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
April 30, 1924—LOT 27 BLOCK 10, Easton, Burlingame. Joseph T. Pierce to D. Houle....Apr. 28, 1924
April 30, 1924 — KNOWN AS Sequoia Union High School, Redwood City. Redwood City School District to R. P. Hurlbut..Apr. 23, 1924
April 30, 1924—STATE HIGHWAY & Oak Grove Ave, Burlingame. Burlingame School Dist. to Herger & Kerr .....April 30, 1924
May 1, 1924—PART BLOCK 4 Woodland Place, Ravenswood, Alfred Forman et al .....April 23, 1924
April 1, 1924—LOT 10 BLK 62 EASTON No. 7, Burlingame. Ethel I. Putnam to H. H. Putnam..... .....April 30, 1924
April 1, 1924—LOT 12 BLK 32 EASTON No. 2, Burlingame. Cristine B. Bitner to H. H. Putnam...Apr. 30, 1924
April 1, 1924—LOT 21 BLK 59 EASTON No. 7. Burlingame. George G. & Elizabeth Harden to whom it may concern .....April 27, 1924
April 2, 1924—LOT 154 SAN MATEO Park, San Mateo. Clair H. & R. L. Ross to whom it may concern..... .....April 29, 1924
April 2, 1924—LOT 29 BLK 1 HOMEstead Realty Co Sub Lots 140 153 Inc West End Homestead Assoc., Daly City. Charles Gust et al to whom it may concern..April 30, 1924
April 2, 1924—LOT 30 BLK 1 HOMEstead Realty Co Sub Lots 140 to 153 inc. West End Homestead, Daly City. Charles Gust et al to whom it may concern .....April 30, 1924
April 3, 1924—LOT 30 & 31 BLK8 Resub. San Carlos. Almira C Christy to whom it may concern..... .....April 25, 1924
May 5, 1924—PORT. LOT 8 BLK 25 Western Add San Mateo. Roy E. Gordon to whom it may concern.. .....April 1, 1924
May 5, 1924—PART LOT 5 BLK 7 Burlingame Par. No. 2, Burlingame; George A. & Edna L. Beveridge to C. B. McClain.....May 3, 1924

April 5, 1924—LOT 13 BLK 13 EASton No. 1, Burlingame. C L Erckert to Injvard Sorensen....May 3, 1924
May 7, 1924—NORTH 40 LOTS K L & M Block I, Burlingame Terrace. D. Haule to whom it may concern .....May 5, 1924
May 7, 1924—LOT 34 BLK 48 EASton No. 4, Burlingame. Chris Sorensen to whom it may concern..... .....May 5, 1924
May 7, 1924—E 50 FT LOT 10 & 11 Blk. 9, Burlingame. Thomas J. Broderick to whom it may concern .....April 26, 1924
May 7, 1924—LOT 9 BLK 32 EASton No. 2, Burlingame. John Rutherdale to whom it may concern.... .....May 3, 1924
May 7, 1924—LOT 19 BLK 27 EASton No. 2, Burlingame. R. A. Sanguinetti to whom it may concern.. .....May 2, 1924
May 9, 1924—LOT M BLOCK I BURlingame Terrace, Burlingame. A. Haule to whom it may concern.. .....May 8, 1924
May 9, 1924—LOT 11 BLK 11 MILbrai Villa Tract, A. Pacheco to whom it may concern....May 5, 1924
May 9, 1924—LOT 5 BLK 45 EASton No. 4, Burlingame. Charles Geo. Adams to whom it may concern.. .....May 8, 1924
May 9, 1924—LOTS 32 & 33 BLK 23 San Bruno Park, San Bruno. Edward & Loretta to E. C. Anderson .....May 1, 1924
May 10, 1924—LOT 6 BLK 57 EASton No. 6, Burlingame. J. B. Oswald to whom it may concern..May 10, '24
May 10, 1924—LOT 1 BLK 9 BURLINgame Land Co., Burlingame. A. L. Offield to C. E. Fowler..May 17; H. I. Sauder..May 17; W. C. Palomomtain..Mar. 30; J. C. Hanlan.. May 12, 1924.....
May 10, 1924—LOT 15 BLK 13 EASton, Burlingame. Mabel H. Parfitt to whom it may concern..May 10, '24
May 12, 1924—LOT 32 BLK J HAYward Park, San Mateo. Robert E. Broderick to whom it may concern .....May 10, 1924
May 12, 1924—LOT 9 BLK 5 CROCKer Estate Tract, Daly City. Horace Fellows to whom it may concern .....May 10, 1924
May 12, 1924—LOTS 1 2 3 4 7 9 BLK 31. Redwood Highlands Co. to Guss Waller .....May 7, 1924
May 12, 1924—LOT 2 BLK B MISsion St. Tract, Daly City. John & Virginia Risso to whom is may concern .....May 2, 1924
May 12, 1924—LOT 10, BLK 7 SAN Bruno. Pietro Rustici to B. G. Mills & F. E. Gervais....May 8, 1924

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
May 3, 1924—LOT 2 BLK 10, Burlingame Grove, Burlingame. M J Solor vs Henry East.....$105
May 5, 1924—LOT 1 BLK 5, Dimond Tract and NW Ptn Lot 20 Blk 21, Dimond Tract, San Mateo. E R E R Cleerryman and Red I Made Building Sales Co et al vs F N Rathwaite $76
May 10, 1924—LOT 11 BLK "C" Paris Park, Menlo Park. West Coast Refining Co vs Clara Sykes Honers and J E Baie $50.25

RELEASE OF LIENS

SAN MATEO COUNTY

Recarded Amount
May 3, 1924—PART LOT 166 SAN Mateo Park, San Mateo. Peninsula Hardwood Floor Co., $427.45; Mitchel Jackson & Co., $1347; Peninsula Electric Co., $568.12; Peninsula Glass Co., $233.90; Wisnom Banner Hwd. Co., $178.57; J. F. McGowan, $470.91; San Mateo Planing Mill Co. $2114.35 to C. E. Fowler, L. R. Inwaall and Oscar Cavanaugh Gordon Hess, Mitchel Jackson, Inc., Burlingame Realty Finance Corp. et al. .....
May 10, 1924—N ½ LOT 9 BLK B Western Add, San Mateo. G. Piai to Chas. Koop & Jas. Reegan....$765.84

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
May 9, 1924—LOTS 5 TO 8 BLK 4, Fresno. Sam Lo Forti to whom it may concern.....May 8, 1924
May 9, 1924—LOT 41 W ½ LOT 42 Blk 4, Torrance Terrace, Fresno. E B Guynn to whom it may concern.....May 8, 1924
May 9, 1924—LOT 43 E ½ Lot 42 Blk 4, Torrance Terrace, Fresno. H E Guynn to whom it may concern.. .....May 8, 1924
May 9, 1924—LOTS 5 AND 6 BLK 86, Fairmount. Mary J Fentry to whom it may concern.....May 9, 1924
May 9, 1924—LOT 21 BLK 2, Blvd Gardens, Fresno. A F Wood to whom it may concern...May 8, 1924
May 12, 1924—E 50 LOT 1 BLK 4, Hazelwood. W W Renick to whom it may concern.....April 30, 1924
May 13, 1924—LOTS 26 AND 27 BLK 5, Van Ness Heights, Fresno. Emma A Scott to whom it may concern.. .....May 3, 1924
May 13, 1924—PTN LOT 1, Roeding Villa Col., Fresno. Elmer C Kliewer to whom it may concern.May 12, 1924
May 13, 1924—LOTS 27 AND 28 BLK 3, High Add'n. No. 4, Fresno. A R Eklund to whom it may concern.. .....May 12, 1924
May 16, 1924—LOTS 22 TO 25 BLK 92, Fresno. Annie L Wallace to R F Felchlin Co.....May 1, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
May 9, 1924—LOTS 29, 30 AND 31, Blk 73, Fresno. Evans Plumbing & Heating Co vs Saul Samuel et al $274
May 10, 1924—LOTS 27 AND 28 BLK 3, New High Addition, Fresno. J D Halstead Lumber Co vs Mary Preece and W H Brooks. $233
May 16, 1924—LOT 28 BLK 11, North Calwa Addition, Fresno. Sunset Lumber Co vs Calwa Builders Supply Co $76

BUILDING CONTRACTS

CONTRA COSTA COUNTY

STORES, one-story brick, $13,000; N Macdonald Ave., bet. 8th and 9th Sts., Richmond; owner, C. M. Berry, 3939 Lester Ave., Oakland; contractor, C. Overaa, 2105 Roosevelt St., Richmond.
DWELLING, one-story frame, $3175; E Seventh St., bet. Lincoln & Private Road, Richmond; owner, O. Beruto, 940 7th St., Richmond; contractor, T. C. Hosking, 459 5th St., Richmond.
PUBLIC garage, one-story brick, $15,590; SW Macdonald and 13th St., Richmond; owner, A. C. Serpa, 918 Adams St., Albany; architect, J. T. Narbett, 9th and Macdonald Ave., Richmond; contractor, The Miner Co., 2234 Macdonald Ave., Richmond
ADD second story to frame flats, $3450; W Washington St., bet. Nicholl and Bishop Sts., Richmond; owner, A. R. McCrohan, 20 Piedmont Place, Richmond; contractor, Carl Overaa, 2105 Roosevelt St., Richmond.

BUILDING CONTRACTS

MARIN COUNTY

GARAGE, hollow tile, $150; Coronet Ave., Mill Valley ;owner, J. Veteran
ALTER dwelling, $200; Elaine Ave., Mill Valley; owner, A. J. Asmann.
ALTER dwelling, $800; Sycamore Ave., Mill Valley; owner, D. W. Freeman.
DWELLING, frame, $950; Blithedale & Locust Sts., Mill Valley; owner, N. C. Sharpe.
DWELLING, frame, $900; Miller Ave., Mill Valley; owner, S. E. Wiser.
DWELLING, frame, $1500; Sunrise Tct., Mill Valley; owner, Harry Warwick.
RESIDENCE, frame and stucco, $3000; Locust Ave., Mill Valley; owner, Emile Puharich.
RESIDENCE, frame, $3700; Walnut Ave., Mill Valley; owner, G. Irving Paulus.
RESIDENCE, frame and stucco, $6000; Bigelow Ave., Mill Valley; owner, J. E. Heller.

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

BUILDING
N. 2 FT. LOT 6 and E 30 ft. Lot 7, H. 15th and 16th Sts., Sacramento. All work for one-story and mezzanine brick building.
Owner—John Russell (as Russell & Logan), 2012 F St., Sacramento.
Architect—None.
Contractor—Holdener Constr. Co., 2608 R St., Sacramento.
Filed May 14, '24. Dated ——. TOTAL COST, $21,360
Bond, limit, forfeit, plans and specifications, none.

DWELLING, 6-room and garage, $6000; No. 808 36th St., Sacramento; owner, Mrs. I. Torrey, 715 6th St., Sacramento; contractor, C. Peterson, 1023 W St., Sacramento.
DWELLING, 1-story 5-room and garage, $2800; No. 1524 48th St., Sacramento; owner, W. A. Hall, 4327 T St., Sacramento.
DWELLING, one-story 5-room and garage, $4000; No. 1216 48th St., Sacramento; owner, R. F. Charleville, 1814 18th St., Sacramento; contractor, T. Schluckebier, 2660 Marshal Way, Sacramento.
DWELLING, 5-room and garage, $2700; No. 4656 12th Ave., Sacramento; owner, Henrietta A. Evans, 3708 47th St., Sacramento; contractor, J. W. Evans, 3708 47th St., Sacto.
DWELLING, 4-room and garage, $2600; No. 2582 17th St., Sacramento; owner, Harry Smith, 1810 V St., Sacramento.
DWELLING, 6-room and garage, $6500; No. 617 33rd St., Sacramento; owner L. G. Siller, 616 15th St., Sacto.
DWELLING, 6-room and garage, $3500; No. 3932 N St., Sacramento; owner, E. M. Reogu, 925 P St., Sacramento.
DWELLING, 5-room and garage, $3500; No. 4532 T St., Sacramento; owner, W. B. Phillips, 2300 L St., Sacto.
DWELLING, 4-room and garage, $2500; No. 609 T St., Sacramento; owner, J. F. Alema, 607½ T St., Sacramento; contractor, F. M. Corey, 1432 F St., Sacramento.
DWELLING 5-room and garage, $4250; No. 908 44th St., Sacramento; owner, E. V. Gilkey, 4659 Elliott Ave., Sacramento.
DWELLING, 6-room and garage, $6000; No. 1232 40th St., Sacramento; owner, H. J. Thielen, 819 J St., Sacramento; contractor, G. E. Harvie, 2212 T St., Sacramento.
DWELLING, 2-story 3-flat and garage, $9500; No. 1825 M St., Sacramento; owner, J. J. Ryan, 1805 N St., Sacramento; contractor, Ross & Blackwell.
DWELLING, 6-room and garage, $8200; No. 972 42nd St., Sacramento; owner, S. Mezzanares, 1919 O St., Sacramento; contractor, F. Maloney, 3172 T St., Sacramento.
DWELLING, 5-room and garage, $3000; No. 2115 30th St., Sacramento; owner, Geo. Harmon, 3009 U St., Sacramento; contractor, H. R. Wills.
BUSINESS BLDG., 2-story and 2 flats, $5000; No. 407 P St., Sacramento; Owner, Kakaras Bros., 1531 4th St., Sacramento; contractor, C. Vanina, 2022 M St., Sacramento.
MOVE from 815 10th St. and set up with store first floor and 2-stall private garage at No. 504 10th St., Sacramento; owner, F. Gaddi, 504 10th St., Sacramento; contractor, C. Vanina.
BUSINESS BLDG., one-story, $4500; No. 314 L St., Sacramento; owner, E. A. Malone, Police Station, Sacramento; contractor, Chas. Peterson.
BUSINESS BLDG., one-story, $7670; No. 316 L St., Sacramento; owner, Sarah Retsenfsky, 220 J St., Sacramento; contractor, Chas. Peterson.
APARTMENTS (8) 2-story and garage, $14,500; 900 G, Sacramento; owner, A. L. Andreassen, 705 9th, Sacramento; contractor, H. Golding ,1116 5th, Sacramento.

DWELLING, 1-story 5-room and garage, $3800; 2978 39th, Sacramento; owner, J. F. Wallace, 2972 39th, Sacramento; contractor, O. H. Moore, 2918 35th, Sacramento.

DWELLING, 2-story 6-room and garage, $5500; 1412 27th, Sacramento; owner, Wm. & Annie Greimert, 2418 U, Sacramento; contractor, W. P. Cippa, 2500 27th, Sacramento.

DWELLING, 1-story 5-room, and garage, $4000; 600 37th, Sacramento; owner, Jas. Ford, 821 P, Sacramento; contractor, W. P. Cippa.

DWELLING, 1-story 5-room, and garage, (2), $2900 each; 2207 36th and 3801 Miller Way, Sacramento; owner, Wright & Kimbrough; contractor, B. H. Bill, 3252 Marshall Way, Sacramento.

DWELLING, 1-story 4-room and garage, $2450; 4517 12th Ave., Sacramento; owner, Business Women's Syndicate, 2224 P, Sacramento; contractor, M. Furtado, 2423 18th, Sacramento.

DWELLING, 5-room and garage, $2800; 2609 16th, Sacramento; owner, N. H. Bateman, 3933 H, Sacramento.

DWELLINGS (2) 4-room, each and two garages, $2600 each; 2617 16th and 2601 Homeland, Sacramento; owner, N. H. Bateman.

DWELLING, 5-room and garage, $3500; 3317 I, Sacramento; owner, Clifford O'Connor, 1108 18th, Sacramento; contractor, J. E. Lunn, 3130 J, Sacramento.

DWELLING, 5-room, and garage, $3800 2557 27th, Sacramento; owner, Mrs. G. L. Rich, 2520 28th, Sacramento; contractor, N. Martinelli, 1230 E, Sacramento.

DWELLING, 6-room, and garage, 2709 6th, Sacramento; owner, Clarence E. Hobart, 2217 F, Sacramento.

DWELLING, 1-story 5-room, $3500; No. 2109 10th St., Sacramento; owner, C. T. Fahlo, 2109 10th St., Sacramento; contractor, C. Koch, 3418 L St., Sacramento.

DWELLING, 2-story 6-room and garage, $7500; No. 2609 Rochon Way, Sacramento; owner, Coleman & Holmes, 2634 35th St., Sacramento.

GENERAL repairs & remodeling, $4600 No. 1317 4th St., Sacramento; owner, H. H. Fritz; contractor, H. Yoshinaka.

DWELLING, one-story 4-room and garage, $2000; No. 2708 16th St., Sacramento; owner, M. & J. Jinkerson, 1312 27th St., Sacramento.

REBUILD wharves on river front, bet. I & M Sts., Sacramento; $200,000; owner, S. P. Co.

BUILDING, two-story and basement, $50,000; No. 1012 K St., Sacramento; owner, Herman Davis, 1010 K St., Sacramento; contractor, McGillivray Constr. Co.

ALTERATIONS, $43,733; No. 1000 K St., Sacramento; owner, Sacramento Hotel Co.; contractor, McGillivray Constr. Co.

BATTERY station, one-story and mezzanine, $21,360; No. 1513-1517 I St., Sacramento; owner, Russell & Logan, 2021 F St., Sacramento; contractor, Holdener Constr. Co., 2608 R St., Sacramento.

BUILDING 1-story, $7670; 316 L, Sacramento; owner, Sarah Retsenfcy, 220 J, Sacramento; contractor, Chas Peterson, 1023 W, Sacramento.

DWELLING and garage, 1-story 5-rm., $4000; 3924 H, Sacramento; owner, C. W. Hilton, 710 L, Sacramento.

DWELLING and garage, 1-story 6-rm. $5500; 1200 47th, Sacramento; owner, Miss Levere E. Calkins, 2304 L, Sacramento; contractor, E. D. Brier, 2809 S, Sacramento.

DWELLING 1-story 4-room and garage. $2500; 3817 6th Ave., Sacramento; owner, C. H. S. Bidwell, Cap Natl Bk, Sacramento; contractor, E. D. Brier.

PACKING SHED, $10,000; 1609 115 E, Sacramento; owner, J. P. Hynes Pk Co., 507 F, Sacramento; contractor, E. D. Brier.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted

May 8, 1924—LOT 5508 Bonita Vista Tract, Sacramento. Ambrose R and Vivien L Taylor to whom it may concern.....May 5, 1924

May 8, 1924—LOT 111, Mont Clair, Sacramento. J W Newhart to whom it may concern.....May 3, 1924

May 9, 1924—SW TWELFTH AND K Sts., Sacramento; owner, Powers & Ahnden to whom it may concern.. .....May 9, 1924

May 13, 1924—LOT 54 Oak Ridge Ac., Sacramento. William M Warner to whom it may concern..May 13, 1924

May 14, 1924—LOT 5, Fremont Tract, Sacramento. Mary C Craig to whom it may concern.....May 14, 1924

May 15, 1924—W ½ LOT 2, K, L, 7th and 8th Sts., Sacramento. Louise C Scrindler to whom it may concern .....May 5, 1924

May 15, 1924—LOT 60x100 on river front S of T St., Sacramento. Pacific Gas & Electric Co to whom it may concern.....May 8, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount

May 9, 1924—LOT 18, Clarmont Tct., Sacramento. George F Wright vs Emil Hornstein $915.18

May 14, 1924—LOT 57 Wm. Dreher Tract, Sacramento. Verna C Beaudin, agent of L N Beaudin vs J G Taylor $139.05

May 14, 1924—PTN OF S L S 410 in Secs. 26 and 35 9-4, Sacramento. Jas B Ivory vs E J Sullivan..$503.50

May 15, 1924—LOTS 27 AND 28 Oak Plains 1, Sacramento. Superior Lumber & Fuel Co vs L H & Helen Sanborn and E Renwick.....$215.39

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

DWELLING and garage, $5500; No. 1030 W-Vernal St., Stockton; owner, E. P. Dolson.

DWELLING and garage, $4500; No. 1336 W-Park St., Stockton; owner, A. M. Tunnel.

DUPLEX house and garage, $7000; No. 128 E-Vine St., Stockton; owner, C. H. Jackson.

DWELLING and garage, $5000; No. 1665 W-Flora St., Stockton; owner, H. R. Foster, 35 S-Pilgrim St., Stockton.

DWELLING and garage, $7500; No. 1112 W-Elm St., Stockton; owner, Henry H. Bosch, 1519 S-Aurora St., Stockton.

DWELLING and garage, $5000; No. 441 S-Central St., Stockton; owner, Carl Hokhalt, 22 N-Sierra Nevada St., Stockton.

DWELLING and garage, $3450; No. 1602 El Dorado St., Stockton; owner, Irma J. Renkling.

REMODEL, $2500; No. 922½ E-Main St., Stockton; owner, L. Calestini, 146 N-California St., Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted

May 10, 1924—N ½ LOTS 10 AND 12 Blk 2, Map of West Stockton. Carl F Anderson to whom it may concern.....May 7, 1924

May 10, 1924—LOTS 39 AND 40 BLK 4. Searchlight Addition to City of Stockton. R M Morgan to whom it may concern.....April 15, 1924

May 14, 1924—LOT 15 BLK 30, Victory Park Terrace, Stockton. G W Donaldson to G W Donaldsin..... .....May 12, 1924

May 14, 1924—LOT 11 BLK 2, West Stockton. Charles K Pasma to Charles K Pasma.....May 10, 1924

May 16, 1924—LOT 18 BLK 6, City Park Terrace, Stockton. T E Williamson to whom it may concern..

May 17, 1924—LOT 11 and E 7½ Lot 9 Blk 88, Victory Park Terrace, Stockton. Walter H Raymond to C C Russell.....May 16, 1924

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount

May 16, 1924—LOTS 9 AND 11 BLK 5, Phelp's Map of West Stockton. John C McKee and Rudolph Kropp as McKee & Kropp) vs John B McInerney and Mary A De Perina and J C De Perina.....$275

BUILDING INDUSTRY WAGES IN AUSTRALIA

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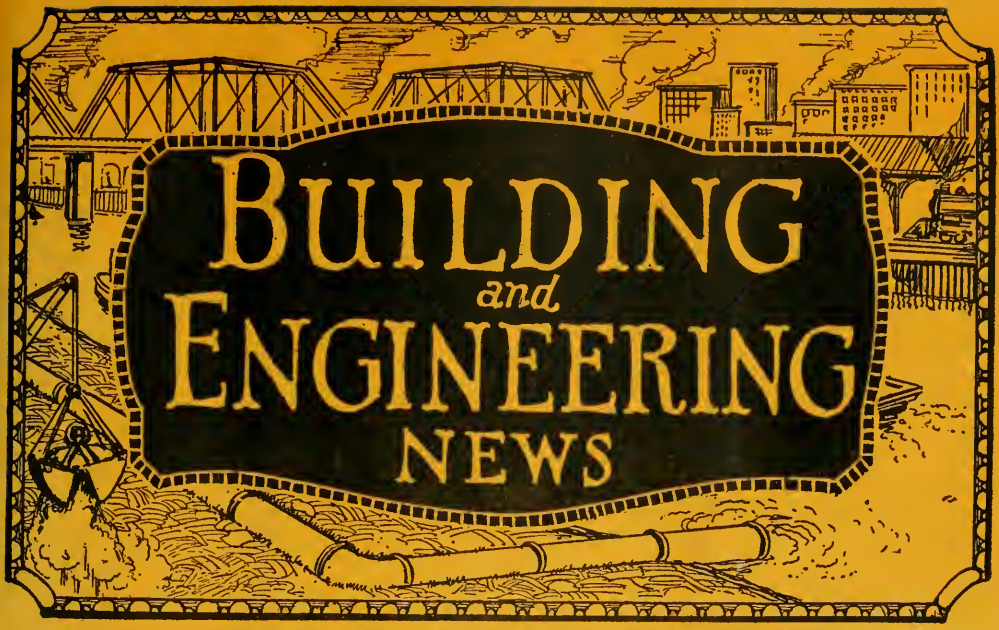

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SAN FRANCISCO, CALIF., MAY 31, 1924

Published Every Saturday
Twenty-fourth Year No. 22

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San Rafael

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Board

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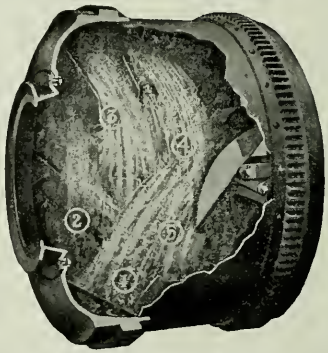

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday | SAN FRANCISCO, CALIF., MAY 31, 1924 | Twenty-fourth Year No. 22

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Lumber Rate Hearings Concluded

Following nine days of public hearings, which were attended by many representatives of California, Oregon and Arizona lumber interests, and of the various rail carriers, the joint rate proceeding involving both interstate and intrastate lumber rates, the first ever held in California, has been concluded so far as public hearings are concerned, and the principals have been given thirty days to file briefs, and an additional thirty days to file their answers to each others briefs.

The proceedings were instituted before both the federal and California commissions by lumber shippers located at San Pedro (Los Angeles Harbor) and at Madera, Pinedale and Merced Falls in the San Joaquin Valley. Honorable B. H. Meyer, member of the Interstate Commerce Commission, and President Clyde L. Seavey of the California Railroad Commission, conducted the hearings jointly.

The complainants alleged that the rates in effect from the points named to points within the state of California are excessive, discriminatory and prejudicial as compared with the rates in effect from the mills located within the state of California on intrastate traffic, and also in connection with the rates in effect from mills located in Oregon, such as Klamath Falls, Grants Pass and Portland.

The mill of the principal complainant Los Angeles Lumber Products Company, is located at Los Angeles Harbor, San Pedro, and the supply timber is secured from the Graham Islands, Canada, by vessel. The company has a cutting contract covering 3,500,000,000 feet of timber. The material is brought to San Pedro in blocks and fabricated at that point, and it is estimated that the mill will turn out, when running at full capacity, about 4,000,000 feet of the finished product per month; this output is distributed in California, especially at points in Southern California and in the San Joaquin and Sacramento Valleys. Vast quantities of box shooks are consumed in California and in Southern California the consumption amounts to about 300,000,000 feet per year, with a slightly greater consumption in Northern California.

The record shows that the movement of fruit and vegetables by the Southern Pacific Company alone in the year 1923, from Northern California points, was 103,683 cars, from Southern California 94,823 cars.

The complainants are protesting the present adjustment of rates from the Northern California and Oregon mills into California points on the grounds that the rates now in effect are upon a lower basis, distance considered, than their mills. It is the contention of the that there should be no disturbance of Northern California and Oregon mills the present lumber rate adjustments, which have been in effect for a great number of years. These rates are from blanketed territories, with the producing mills grouped for rate making purposes and having rates not based upon the mileage from any one mill.

The northern mills contend that the rates made by the rail carriers are necessary by reason of water competition and that the water-borne lumber now supplies practically all the material used at San Francisco and Los Angeles and the consuming points adjacent to these ports. It was also shown that California is the greatest single consuming market for box shooks in the United States.

The carriers and the complainants, while agreeing that certain grouping of producing points was necessary, also submitted schedules of mileage rates where group rates would not be practicable.

Before the proceeding is finally decided it will, no doubt, be necessary for the interested parties to attend a hearing at Washington, D. C., at which time final oral arguments will be made.

MODERN EQUIPMENT A MONEY SAVER

A trench ditcher, purchased by the city of Sacramento last October for $11,920 and used to excavate sewer and water line trenches has "more than paid for itself since then," according to City Manager H. C. Bottorff.

The machine is so constructed that it is easily possible to keep an accurate record of operation in digging trenches. It has supplanted the old method used in the city of having trenches excavated "by hand." Since last October, the city manager reports, it has put in 47,306 lineal feet of trench work and has saved the city at least $15,000.

"There are still 30,000 feet of trenches to be dug in the city for water line purposes," Bottorff says, "and at the present time our sewer and water mains department is able to do this work with the ditcher at a cost of only 2½ cents per lineal foot."

RANGE BOILERS STANDARDIZED

Thirteen sizes of range boilers have been adopted by a conference of manufacturers, plumbers, jobbers and allied interests as recognized standards to replace approximately 130 sizes previously produced and carried. Definite standard specifications were also determined for tapping sizes and locations, together with standards for other construction features. The reduced schedule will become effective on July 1 of this year.

APRIL CEMENT PRODUCTION

Portland cement production in April totaled 11,726,000 barrels, representing an increase of 1,356,000 barrels over March, and compared with a production of 11,359,000 barrels in April last year. Despite the increased production reported in April and March by the Department of the Interior, stocks on hand at the end of April showed a shrinkage of over a million barrels from the end of March total. Explanation for the decrease is found in the shipments, which jumped to 12,771,000 barrels from 8,995,000 barrels in March.

Imports of hydraulic cement in March totaled 160,517 barrels, valued at $254,745. Imports in 1923 totaled 1,678,636 barrels, valued at $2,964,098. Norway imported 65,925 barrels in April, Belgium 63,030, Denmark 28,196. Sweden 2806 and Canada 560 barrels.

Exports of hydraulic cement in March, 1924, were 91,224 barrels, valued at $254,687, of which South America received 28,897 barrels, Cuba 27,948, West Indies 6512, Central America 13,771, Mexico 10,835, Canada 208 and other countries 3053 barrels. Total exports in 1923 amounted to 1,001,668 barrels, valued at $2,944,174.

MORE THAN FIVE MILLION UNDER CITY MANAGER GOVERNMENT

Cities with a total population of 4,726,716 are operating under the city manager plan in the United States, according to the 10th Year-Book of the City Managers' Association; 130,477 are under the plan in Canada, and 470,000 in other countries. The largest city in the United States operating under the plan is Cleveland, O., with a population of 796,841. Other large cities are Dayton, O., 152,559; Knoxville, Tenn., 77,818; Norfolk, Va. 159020; San Diego Cal., 74,683; Wichita, Kan., 72,217, and Grand Rapids, Mich. 137634.

HOLLOW BUILDING TILE TYPES REDUCED

The Fabricated Production Department of the United States Chamber of Commerce has succeeded in having the number of type of hollow building tile reduced from 40 to 19; and the number of forged tools comprising picks, hoes, crow bars, mattocks, sledges, and various blacksmithing tools from 549 to 365.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Frank S. Robinson, former Chico city engineer, is suing the City of Chico for $935.68. Robinson alleges the Chico city council authorized him to make certain surveys of Chico streets preliminary to paving them. Paving litigation soon followed which prevented the streets being paved and, according to Robinson, when he presented three separate bills for his work, the council refused to honor them for payment. The property owners who objected to the work were upheld in a court decision.

Thomas Maddock, state highway engineer of Arizona from 1919 to 1922, is a candidate for the Republican nomination for governor of that state. Mr. Maddock won a wide reputation as a road builder, the period of his administration being an era of extensive highway construction in Arizona. His administration was subjected to violent political attacks after his retirement, but these failed to undermine his popularity.

Mission Brick Company has leased 5-acres near Sangus and Calvert Sts., Van Nuys, Calif., and plans erection of plant with 20,000 brick daily capacity. The clay deposit at this point is said to be 20 ft. thick with sufficient to produce 100,000,000 brick. Machinery, estimated to cost $10,000 will be purchased at once. W. R. Noe is manager of the new company.

Cross Lumber Co. of San Francisco has filed articles of incorporation at Hanford. Directors are: C. M. Cross, San Francisco; R. M. Cross, Berkeley; A. H. Naftzger, San Francisco; G. E. Bittinger, Los Angeles, and R. E. Hills, San Francisco.

Long Beach has been selected as the 1925 convention city of the California Building and Loan League which recently closed its 39th annual session in San Jose. F. L. Williams of Stockton was elected president of the league at the San Jose meeting.

R. E. G. Keene has been appointed sales-representative for the Best Brothers Keene's Cement Company, the oldest and largest manufacturers of the material in the United States.

Protect-O-Floor Leather Mat Co., capitalized at $100,000, has been incorporated in San Francisco. Directors are S. J. Kane, J. M. Stern, D. Kane and Wm. Fanta.

Alameda County supervisors sell $300,000 estuary tube bond issue for premium of $2,112.40. The bonds were purchased by Dean Witter & Co. of San Francisco.

Fibrestone & Roofing Co., formerly located at 119 Tenth street, has moved to larger quarters at 51 Ringold St., San Francisco.

An election will be called shortly by the Berkeley Board of Education to vote bonds of $2,00,000 to finance school construction.

Plant of Pioneer Rubber Co. at Pittsburg, Calif., suffers $40,000 fire loss, May 25.

Jacob Mortenson, 75, wealthy Oak Park, Ill., banker and lumberman, died in Los Angeles, May 26.

Construction has been started on the plant of the Kartschoke Clay Products Company's plant at Third and Keyes streets, San Jose, according to G. Kartschoke, president of the company, the plant will manufacture sewer tile, fire brick and similar produces and will be the only one of its kind on the coast route between San Francisco and Los Angeles. Clay will be taken from the Coyote creek bottoms, necessitating the importation of a special clay near Ione for the finish of vitrified products.

Chas. E. Grunsky, San Francisco consulting engineer, has resigned as engineer in charge of the Gordon Valley water project for the city of Vallejo. The resignation is effective June 1. Francis B. "Drydock" Smith is reported to be slated to fill the vacancy. Mr. Smith has had considerable experience with Government work having been employed on the Mare Island drydock and the docks at Pearl Harbor, T. H.

Western American Concrete Co., Los Angeles, will erect a plant at Glendale for the manufacture of Woodlock concrete block house members. The Western American Hardwood Products Company, a co-ordinated organization, will erect a plant adjoining. Machinery costing $50,000 will be installed, according to Frank M. Coryell, manager.

Box factory of Yosemite Lumber Co., at Merced, has been closed down, suffering a lack of dry wood with which to work, according to Harry R. Lowell, plant manager. Logging operations in the woods, however, are working full capacity. Mill production has been increased from 300,000 to 350,000 feet daily.

Large imports of cement continue to cause concern among domestic manufacturers of that product. They are urging application by the Treasury Department of the anti-dumping act and will hold a conference on the subject with custom officials in Washington on June 6.

Six million feet of government timber, lying along the Humbug Creek, north of Portola, Calif., has been purchased by the Feather River Lumber Company of Delliker. Cutting of this tract will start about June 15, according to reports.

Plumbers of Marysville and Yuba City, who were on strike for higher wages a few weeks ago, have returned to work at the existing wage scale of $9 per day. The plumbers sought a wage of $10.50 a day.

L. W. Moore, for the last year city engineer of Lompoc, has been appointed city engineer of San Luis Obispo and will have charge of an extensive street paving program in that city.

Bids will be asked shortly by San Jose city council to construct three bridges for which bonds of $150,000 were recently voted.

Diamond Match Company has purchased Anderson Lumber Company yards at Anderson, Shasta county.

Herbert Gerhardt, structural engineer has opened an office at 628 S. Myrtle Ave., Monrovia, Calif.

PUBLICATIONS

Technologic Papers No. 242 of the United States Bureau of Standards, on exposure tests on colorless waterproofing materials, consists in the main of a paper by D. W. Kessler, associate engineer physicist of the Bureau, in which are treated the results of exhaustive tests conducted to determine the effects of atmospheric and other weather conditions on materials that are manufactured primarily to waterproof without concealing dates, texts, drawings, etc., on stone and similar substances. The pamphlet contains illustrations and charts that are pertinent to the text and that add to the reader's understanding of the matter involved.

Bulletin No. 171 of the National Fireproofing Company contains interesting and valuable data on modern fireproofing practice in the building construction field, together with information regarding the extent and use of Natco fireproofing products. Tables of safe loads, illustrations of flat and segmental arches, illustrations of column coverings and wall furring, and a pictorial section in which are reproduced photographs of noted American buildings in whose construction Natco products have played an important part, are features of the bulletin.

"The Building Estimator's Reference Book," fifth edition, is off the press after having been completely revised and rewritten. The book has been compiled from the estimator's viewpoint with all data arranged in the manner in which it will be used, permitting the insertion of local material prices and wage scales where necessary. The data in this new edition have been condensed as much as possible to furnish complete itemized estimates on every class of construction work. The volume is published by the Frank R. Walker Company, 536 Lake Shore Drive, Chicago.

The Philip Carey Company, Lockland, Cincinnati, Ohio, manufacturers of Carey Elastite, recently issued a booklet telling about their expansion joints and giving well framed specifications for their use in all types of structures and pavements. In this booklet the new tool with which these joints may be laid is described. Particular attention is given to the complicated systems of expansion joints called for in bridge and other types of massive and complicated construction.

The Engineering Index for 1923 is now off the press and ready for distribution. This valuable contribution to engineering literature is published annually by The American Society of Mechanical Engineers, 29 W-39th St., New York City. The 1923 volume contains more than 19,000 references on over 4,000 subjects treated in engineering publications from all over the world. The price is $7.00 a copy postpaid, $6.00 to A. S. M. E. members.

"Appraisers' and Adjusters' Handbook," by William Arthur, is divided into two parts. Part I deals largely with general principles, square and cubic foot costs, percentages of the various kinds of work, comparisons, and approximate estimates. Part 2 shows how the detailed costs may be found, and includes reference tables that are so made as to be permanent. The handbook is priced at $5 and is published by the U. P. C. Book Company, Inc., 239 West Thirty-ninth St., New York City.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

STOCKTON ENGINEERS ORGANIZED

Stockton Chapter, American Association of Engineers, has received its charter and will become a section of District No. 2 of the National Association which includes California, Nevada and Hawaii.

Following the presentation of the charter by Donald Baker, director of District No. 2, C. B. Bruner, president of the Sacramento Chapter spoke on "Impressions of the Visitor," complimenting the new Chapter on its active part in community affairs. A. J. Capron, secretary of the San Francisco Chapter was another speaker.

Eighteen members of the Sacramento chapter attended the meeting.

BUILDERS TO ORGANIZE

At a meeting of contractors and representatives of various branches of the building industry at San Pedro last week a movement to organize a Builders' Exchange for the harbor district took definite form. W. H. McAllister was elected temporary chairman and an organization committee was appointed. This committee consists of W. H. McAllister, M. F. Joyce, Carl Rasmussen, Wm. Murphy, Harry Linderman and Eugene Marsh. It is expected a permanent organization will be effected within the next few weeks.

NEVADA STATE PLUMBERS SEEK ADEQUATE PLUMBING LAWS

An adequate law in Nevada regulating in the interests of sanitation and better health, is the recommendation of the Master Plumbers' Association of Nevada, which closed a two-day session in Reno, May 24.

It was voted by the association to work for such a law and a committee composed of F. C. Savage, George E. Wilkinson and John J. Pelizzari was named to work for legislation along that line.

C. W. Westover was elected president succeeding George E. Wilkinson, who held that post the last year. John J. Pelizzari was elected vice president and J. V. McCormick, secretary, all the officials being residents of Reno.

NEW EXCHANGE MEMBERS

New members of the Stockton Builders' Exchange follow: Elkin & Belveal, plasterers; Chas. K. Pasma, general contractor; A. L. Burr Co., roofing contractor; Walter Charboneau, electrician; J. Morris, painting contractor.

ENDORSE BOND ISSUE

Stockton Chapter, American Association of Engineers, has endorsed bond election to be held in that city for $2,450,000 to finance construction of a dam and levee to control flood waters of the Calaveras river. Election will be held June 17.

GOMPERTZ GOES EAST

Chas. W. Gompertz, a director of the San Francisco Builders' Exchange, has left for the East on a combined business and pleasure trip. While in the East Mr. Gompertz will investigate all phases of the building industry. He contemplates a trip extending over a period of two months.

URGES NEW QUARTERS

Karl A. Perkins, secretary of the Stockton Builders' Exchange, wants that organization housed in quarters that will let the people of the San Joaquin Valley know that the exchange is on the map.

In the May issue of the Exchange News, Secretary Perkins offers a number of reasons why the exchange should be housed in other quarters. His argument, from the readers' point of view, is more than sufficient to cause a move—hence, the matter should receive the consideration of every member of the Stockton organization.

The San Francisco Builders' Exchange has purchased a site and contemplates the erection of a modern home. The Builders' Exchange of Alameda County has closed a deal for a site in the heart of the Oakland business district and plans early construction of a modern five-story fireproof structure. The Builders' Exchange of Contra Costa County with headquarters in Richmond is now occupying its own home erected at a cost exceeding $15,000.

Exchange Building Ownership will prove as profitable as Home Ownership—hence, the amount of home building undertaken in various sections of Northern California should prompt the building organizations to house themselves.

Secretary Perkins points out that the Stockton Exchange is growing every week, both numerically and financially—two reasons why the exchange should either lease suitable quarters or erect a modern home to properly house the membership.

BUILDERS ENDORSE NEW LAWS

Adoption of the Santa Ana city plumbing ordinance by all the cities of Orange county has been recommended by the master plumbers of the Orange County Builders' Exchange. This move is to secure uniformity in plumbing regulations. President George R. Wells of the Exchange was requested to appoint a committee of three in each city to press the adoption of the ordinance. Uniform electrical and building costs for all cities in the county are now being drafted and will be presented to the various municipalities.

BUILDERS ORGANIZE

A permanent organization of the Builders' Exchange of Santa Barbara county has resulted with the election of Frank B. Stewart as president; Earl C. Cummings, vice-president; George Taylor, treasurer, and Robert Neugenberg, James Faulkner, O. Brunguard, Ben Hodgson, F. J. Bauhaus, S. W. Gerow, G. Antolini and Fred Lampe, directors. L. S. Kelsey was made acting secretary. Permanent headquarters will be secured. About 40 contractors and material men attended the organization meeting.

Oakland Board of Education sets September 30 as date to vote bonds to finance erection of new schools and additions to standing structures. The issue will provide between $7,000,000 and $10,000,000 for construction.

AMERICAN PLAN CONFERENCE A SUCCESS

The Industrial Association of San Francisco reports that twenty-seven American Plan-Open Shop associations, from seventeen cities in seven states, sent one or more representatives to the fifth American Plan-Open Shop Conference, which was held at Portland, Oregon, April 21 to 23.

California—with the Industrial Associations of San Francisco, Oakland, San Jose and Fresno; the Builders' Exchanges of San Francisco and of Alameda, Contra Costa, Fresno and Kern Counties; the Merchants' and Manufacturers' Associations of Los Angeles and Stockton; the Manufacturers' and Employers' Association of San Diego; and the California Metal Trades, Home Builders' and General Contractors' Association of San Francisco—was well represented. Other states sending delegates were Utah, Montana, Washington, Oregon, Texas, Oklahoma and Missouri. A. C. Rees of Salt Lake City, president of the Utah Associated Industries, who has been chairman of the Conference since its inception, presided.

Delegates uniformly brought back enthusiastic reports of the Conference and its accomplishments, as well as encouraging messages as to the rapid and healthy growth of the American Plan basis of employment.

The purposes of these conferences are to acquaint the leaders of the American Plan movement, by means of detailed first-hand information, with the activities and progress of the movement in the various states and communities represented. The conference wisely did not commit itself in advance to any definite attempt at specific accomplishments. Rather, its purpose, like its results, was to afford a favorable opportunity for the full and free interchange of opinions and experiences concerning the effectuation and development of the American Plan.

Among the various matters considered, were: Employment Bureaus; Builders' Exchanges; Trade Schools; Job Foremen; Employee Insurance; Safety Service; Craft Designations; the Union Agreement; Definition of the American Plan; Participation of American Plan Associations in Public Affairs; the Public and the American Plan.

The next conference will be held sometime this fall at Oklahoma City, Oklahoma.

CLAY DEPOSIT OPENED

J. R. Clark and M. S. Marsh have secured a ten-year lease on the Teale clay mine, about two miles below Calistoga, Napa County, and will commence shipping clay in large quantities in the immediate future.

Government reports disclose that there are but two deposits of this clay on the Pacific coast and with the growing demand for the clay, which is used in the manufacturing of many finished articles, among them being tile, pressed brick, cold water paint, porcelain ware, etc., the production of this mine will no doubt be doubled within a few years.

Surveys will be made of the mine, and if indications show as large a deposit as is expected, plans will be made to handle this clay on a large scale. It is estimated by mining experts that there are now in sight at the mine over 6,000 tons.

PRATT ROCK COMPANY PLANS SACRAMENTO BUNKERS

The first industry to locate on A street, Sacramento, will be the Pratt Rock & Gravel Company's new bunkers, which will be started in less than a week and finished inside of sixty days. This is also the first industry to locate in the new heavy industrial zone north of the B street levee, where the Southern Pacific Company has just laid a series of new tracks.

Clarence F. Pratt, president of the Pratt Building Material Company and the Pratt Rock & Gravel Company, says the new rock and sand bunkers will be the most modern in California and will hold 1500 tons of material or thirty carloads. A large concrete pit, twenty-one feet deep, will be built under the track and bottom dump cars only will be used to bring the material from Prattrock to Sacramento. After the material is dumped into the pit, an automatic elevator, eighty feet long with iron buckets, will carry the material sixty feet in the air, where iron chutes will distribute it to the eight different compartments in the bunkers. A belt conveyor under the bunkers will mix the different grades of sand, rock and gravel so that trucks can load instantly with any kind or grade of material desired.

The exact location of the bunkers is on A street, between 15th and 16th streets, and adjacent to the new 16th Street Viaduct.

The Ehret Rock & Sand Company, another new industry for Sacramento, will lease the bunkers and retail the material in and about Sacramento. Louis D. Ehret of Sacramento is president of this new company.

With the special spur track arrangements, the modern unloading pit and the large bunkers, there will be a capacity of twenty to thirty carloads per day. The investment will be $25,000. Roses and flowers will be planted to beautify the place.

NATURAL REGENERATION OF DOUGLAS FIR IN NORTHWEST

Douglas fir, which is grown only in the West, and very largely in the Northwest, has come to be one of America's most important timber species, advancing from fifth rank among our species cut for lumber in 1899 to second rank in 1920. The vital problem of its perpetuation has been studied for 10 years by the Wind River Forest Experiment Station maintained by the Forest Service in the State of Washington, and Department of Agriculture Bulletin 1200, "The Natural Regeneration of Douglas Fir in the Northwest," embodying the results of those studies has just been published.

The investigations are discussed in detail and give information on the distribution, seeding characteristics, habits of growth, and methods of management of this interesting and valuable giant of the Northwestern forests. To maintain this species as the dominant type of the forest some practical rules are given for the guidance of logging companies. Some of these are:: Cut the area clean; if seed trees are needed for reproduction, leave about two per acre; broadcast burn the slash next spring or fall, but exercise caution in so doing; protect the new growth from fire.

It was found that the seeds of Douglas fir stored in the forest floor is not seriously damaged by one salsh burning and abundant reproduction from those seeds immediately follows: Under those conditions competing species, particularly western hemlock and western red cedar, which withstand shade better than Douglas fir, do not succeed so well. Hence one slash fire may really be considered an ally of Douglas fir in helping it to maintain itself.

State Highway Committee Plans Fourth Inspection Trip

An opportunity for an expression of ideas regarding the best means of financing future state highway construction in California will be extended boards of supervisors next week in six counties when the Committee of Nine makes its fourth inspection trip which will take it down the San Francisco peninsula into Monterey County and across the historic Pacheco Pass to the San Joaquin Valley.

In announcing the next trip of the committee, W. F. Mixon,esecretary of the California Highway Commission and also secretary of the committee, said invitations had been extended the supervisors of Santa Clara, Santa Cruz, San Benito, Merced, Madera, and Fresno counties to meet with the committe for a discussion of the highway situation.

Meet in San Francisco

The committee which is preparing recommendations for the Governor and next legislature, will gather at the headquarters of the highway commission in the State building at the San Francsico civic center Monday morning, June 2nd, at 10 o'clock and will spend the greater part of the day in discussion of the committee's work and progress to date.

At four o'clock in the afternoon, the committeemen will leave by automobile over the Peninsula highway for San Jose where they will meet the Supervisors of Santa Clara County at dinner at 6:30 o'clock in the evening at the Hotel Vendome. They will remain in San Jose over night.

Tuesday, an inspection will be made of the state highway to Santa Cruz, state roads in the State Redwood Park at Big Basin, returning to Watsonville for the night. A conference with the Santa Cruz County Supervisors is scheduled for 6:30 o'clock Tuesday evening at the Appleton Hotel, Watsonville.

Carmel Highway Wednesday

On Wednesday, the committee will visit Salinas, going from there to Carmel and down the Monterey Coast for an inspection of the Pollock contract on the Carmel-Sea Simeon highway, returning to Big Sur for an over night stop. As the committee already has met with the Monterey supervisors no meeting is scheduued for Wednesday evening.

State highways in San Benito County will be viewed on Thursday, the committee returning from Big Sur by way of Salinas, ending its trip for the day at Hollister. Here the San Benito supervisors will be met at a 6:30 dinner at the Hotel Hartman.

Friday, the committee will journey across the Pacheco Pass lateral into the San Joaquin Valley and will lunch at Chowchilla at 12:30 o'clock to which the supervisors of Merced and Madera counties have been invited.

Following the Chowchilla meeting, the committee will motor to Fresno where a conference will be held with the supervisors of Fresno County at 6 o'clock dinner at the Hotel Californian. The trip will be concluded with the Fresno meeting.

Skyline Later

In connection with the announcement of the program for next week, Secretary Mixon said the committee will inspect the Skyline Boulevard and Bay Shore Highway and confer with the supervisors of San Francisco and San Mateo counties at a later date, probably in connection with trips over other state highways about the Bay district.

The committee is much encouraged, says Secretary Mixon, over the interest being taken in its work. Thirteen counties already have been visited in the southern part of the state where boards of supervisors and civic leaders have met with the committee to discuss various ways in which state highway construction may be kept going.

The great majority of suggestions to date have been along the lines of some form of direct taxation rather than another bond issue.

The committee hopes to complete its inspection of the state highway system not later than next October by which time it will have traveled not less than 12,000 miles, into practically every county in the state.

Duties of Committee

The Committee of Nine was appointed by Governor Friend W. Richardson in accordance with an act passed by the last Legislature, providing for a comprehensive study of the state highway system.

The Committee is authorized to make its investigations and studies for the purpose of rendering a report to the Governor for the benefit of the next Legislature. It is directed to recommend the best methods of outlining a proper system of state highways, together with a plan for financing necessary construction.

The committee also is empowered to suggest the elimination of highways now a part of the system or the addition of roads not now included. It may include in its report an estimate of the length of time it will take to complete the state highway system.

Membership of Committee

The Committee is composed of the following members:

State Senator A. H. Breed of Oakland, chairman; Assemblyman Elmer Bromley, Los Angeles; George C. Radcliff, chairman of the State Board of Control; State Highway Commissioner Louis Everding, Arcata; R. M. Morton, State Highway Engineer; A. E. Loder, Engineer for the California State Automobile Association, San Francisco; E. E. East, Engineer for the Automobile Club of Southern California, Los Angeles; J. B. Gill, former county highway commissioner, San Bernardino, and J. H. Newman, former supervisor of Tulare County, Dinuba.

W. F. Mixon, secretary of the California Highway Commission, is acting as secretary of the committee.

Members of the committee are serving the state without compensation.

CEMENT OUTPUT IN SOUTHERN CALIFORNIA HAS GROWTH

The cement producing capacity of Southern California is more than 30,000 barrels a day—11,000,000 barrels a year—C. L. Carman of the Riverside Portland Cement Company, told delegates of the Portland Cement Association in convention in Los Angeles.

"It may be thought that such capacity to supply the wants of a population of 2,000,000 people is optimistic, even for Southern California," he went on. "The truth of the matter is, nearly 50 per cent of this capacity was created during the last eighteen months under the stimulation of a sharp but no doubt temporary up trend in building activity in this vicinity. Presumably there will be no further construction for a long period until normal growth in population has brought about a readjustment between demand and supply more in keeping with the ratio which obtains in the other parts of the United States."

STEEL QUIET — ORDERS SHOW DECREASE

Steel orders coming to the United States Steel Corporation the first ten days of May were approximately 24,000 tons daily, or equal to incoming business at the end of April, but 10 per cent under the rate of the first ten days of April. Shipments are being made faster than new orders are taken, and it is probable that the unfilled orders of the Corporation will show aonther decline at the end of the month.

Steel consumers are naturally cautious and having found they could place orders for practically prompt deliveries without difficulty they are not taking care of their future requirements. Meanwhile it is felt a large buying movement is being dammed up for the future, which will come out as soon as users are convinced that conditions have changed and when they consider it advisable to cover their needs.

Some additional blast furnace and steel-making units have been put on the inactive list, but the curtailment is smaller than that of the preceding week, reports the "Iron Age." Buying has been notably light both in pig iron and finished steel, yet here and there a seller reports orders at a better rate than that of ten days ago. That would be easily possible without the attaching of significance to the change.

The "Iron Trade Review" says. "With production down 25 to 30 per cent within a period of thirty days and still being reduced, though more slowly, readjustment in the iron and steel market continues under way. As the situation becomes better balanced, sentiment is improving. New business remains considerably below shipments, but the very vigor by which the latter have been eating into unfilled orders, evidencing present consumption, supplies the best ground for the hope of the maintenance of industry on a substantial basis of activity.

LEGAL DECISIONS

When Architects Are Changed

Where a contract required the work to be performed to the satisfaction of architects named therein, but they were discharged, and another architect employed, without any agreement for his substitution, architect's certificates were not required, and performances to the satisfaction of the architects was not a condition of the contractor's right to recover.—Thomas Haverty Company vs. Jones, Supreme Court of California, 197 Pacific 105.

Loses Extension of Time

Where a contract for the erection of a building provided that alterations of the original plans could be made, and that an extension of time could be had if the contractor demanded it in writing, where alterations were made and the contractor failed to demand an extension of time, he was precluded from the advantages of the provisions of the contract providing for an extension of time.—Leigland vs. Rundle Land and Abstract Company, Supreme Court of Montana. 208 Pacfic 1075.

Lien Still Held Good

Where material for a building was ordered with a provision that further material as needed might be ordered at the same rate, and although the materials were furnished under separate orders, each order was a related contract for some part of the work and formed the basis for but one lien, which when filed within ninety days preserved lien for all the items, since all of them together furnished but one account. — Rogers-Templeton Lumber Company vs. Welch, Supreme Court of Montana. 208 Pacific 600.

Higher Type of Pavement is Required in San Joaquin County

In his annual report to the San Joaquin County Board of Supervisors, F. E. Quail, county engineer, declares that at points near cities where travel is unusually heavy the point has been reached where a surface of higher type than oiled macadam is a necessity.

Quail's report on highways says in part:

"The roads under maintenance by the department at the close of the year consisted of 172.9 miles of bonded roads and 289.57 miles of unbounded, a total of 462.47 miles. In addition to the above noted roads the department has had full charge of some 427 miles of earth roads of the fifth supervisorial district under the direction of the supervisor of that district.

"Of the improved roads 327.62 miles are of the oiled macadam type, 115.84 miles are of water bounded gravel or crushed rock type, and 19.01 miles are asphalt, asphalt-macadam and bitulithic types.

"The total cost of maintenance of the bonded roads for the year was $148,838.98, or $860.78 per mile. That of the unbonded roads was $173,099.67, or $597.77 per mile.

"Included in the above costs of the bonded roads is $88,545.06, and of the unbonded $87,097.31 which was expended for reconstruction and betterment, noted in the report as extraordinary expenses, and consisted of the addition of new material to increase the thickness or width of the original pavements. This perhaps should not be classed as strictly a maintenance charge, in which event the cost per mile would be less than 50 per cent of that above noted.

"In 1923 San Joaquin County registered 24,493 motor vehicles, of which 1060 were trucks.

"It is estimated that the average mileage made by each auto vehicle in California is 6000, and if we assume 4000 miles to be the distance traveled on our improved roads by each vehicle we would have a total of 97,972,000 miles. The saving of 1 cent per mile in the cost of operation over paved roads as against earth roads, which is considered as reasonable, would amount to $979,720. In addition to this amount the public derives other benefits from a system of improved highways which are of greater value but of which no accurate estimate can be made.

"In conclusion I wish to call your attention to the fact that the cost of maintaining some of our roads has reached the point where a higher type of pavement than oiled macadam should be constructed, especially near our centers of population where the travel concentrates.

"A number of our gravel roads should have a wearing surface of oiled macadam in order to cut down the cost of maintenance and afford a more satisfactory pavement."

Mill Workers Urge Co-Operation

A resolution of considerable importance to members of the building fraternity in the Pacific Northwest was unanimously passed at the annual meeting of the Pacific Northwest Millwork Association, in convention recently at the Gowman Hotel, Seattle. The resolution follows:

Whereas, we believe that the manner of awarding millwork contracts most generally followed at the present time is fundamentally wrong in the following instances, to wit:

1. That the millman has no protection against incompetent and irresponsible bidders, and

2. That the millman's bids are not always treated confidentially, but are in fact more apt to be deliberately shown or at least allowed to become known to a competitor, and

Whereas, we believe that the architect is, and of a right should be essentially interested in the class of work furnished as well as the responsibility and general good reputation of the millmen who are to do his work, now therefore be it

Resolved, that we request the co-operation of the architects as follows, viz.:

.1 That when plans and specifications for proposed work are completed and submitted to the general contractor for figures, that the architect shall approve the names of the millmen whose proposal shall be considered, and

2. That at the time of the opening of the bids for the general contract the architect shall require the general contractor to designate the millman, whose bid he had used and which said name must be one of those previously approved by the architect, and that the awarding of the general contract shall carry with it the awarding of the millwork contract, and be it further

Resolved, that we will, in the future, deal only with those contractors who comply with these just demands, ignoring those who fail to do so, and deal directly with the architects and owners as separate contracts, and be it further

Resolved, that a copy of this resolution be furnished every contractor and every architect in the Pacific northwest, and also that this resolution be given the widest publicity possible.

AGREEMENT REACHED ON MACON CONCRETE ROLLER PATENT

The construction industry has been freed from prospects of prolonged litigation as a result of an agreement reached in Washington in the situation involving alleged infringements of patents covering use of the Macon Concrete Roller. The agreement, drafted by representatives of the manufacturers of the device and officers of the Associated General Contractors of America takes the entire affair out of the courts and places it on a thoroughly co-operative basis.

Under the terms of this agreement all suits pending for past royalties against the Associated General Contractors members will be called off and no further suits will be undertaken. The agreement provides that in the future contractors may either purchase rollers from the Macon Concrete Roller Company, Macon, Ga., or make their own rollers.

The Macon Concrete Roller Company has agreed that the charge to be made for each roller, including the price of the roller, will be $50 per annum for the first year and $30 per annum thereafter. If the contractors make their own rollers, a tag furnished by the Macon Concrete Roller Company at a charge of $10 must be affixed.

The simple practicality of the device, which furnishes one of the best methods yet developed for finishing concrete, opened the way for many contractors to make use of the apparatus in good faith and with no knowledge that their actions involved infringement of a patent.

Building News Section

APARTMENTS

Plans Being Prepared.
APT. HOUSE Cost, $30,000
SAUSALITO.
Two-story and basement frame apartment house (4 apartments).
Owner—Mrs. J. F. Binnie.
Architect—Vernon Houghton, 275 Post St., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $10,000
SAN FRANCISCO, S Hancock 175 W Church.
Two-story and basement frame (4) apartments.
Owner—Thomas Johnsen, 561 Clipper St., San Francisco.

Owner To Take Figures Shortly.
APT. BLDG. Cost, $35,000
SAN FRANCISCO, Corner Guerrero and Liberty Sts.
Three-story frame apartment building (12 apts. 3-rms. each).
Owner—E. Ellingson.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Plans Being Prepared.
APT. BLDG. Cost, $80,000
SAN FRANCISCO, Marina District.
Three-story frame store and apartment building.
Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

To Be Done By Day's Work.
APT. HOUSE Cost, $45,000
SAN FRANCISCO, N McAllister St., 135 ft. E Divisadero.
Three-story and basement frame apt. house (12 apts. 3-rms. each) with brick veneer and stucco frontage.
Owner—Delinikos & Evangelou.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.
All work will be done under direction of the architect.

Plans Being Prepared.
STORE & APTS. Cost, $45,000
SAN FRANCISCO, 19th Ave. and California St.
Three-story frame store and apartment building (12 apts.)
Owner—M. P. Storeheim.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Owner Taking Segregated Figures.
STORES & APTS. Cost, $100,000
SACRAMENTO, Cal., SE 12th and L Sts.
Six-story reinforced concrete stores & apartments.
Owner—B. S. Berry, 110 Sutter St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans To Be Prepared.
APARTMENT Cost, $—
BERKELEY, Telegraph Ave.
Four-story frame & stucco apartment.
Owner—Harry Bradshaw.
Architect—W. H. Ratcliff, First Natl. Bank Bldg., Berkeley.

Plans Complete.
APT. BLDG. Cost, $45,000
SAN FRANCISCO, N Filbert 108 W Van Ness Ave.
Three-story frame apartment building (12 apartments).
Owner—Ben Liebman.
Architect—Richard R. Irvine, 507 Call Bldg., San Francisco.

Plans Being Figured.
APT. HOUSE Cost, $75,000
SAN FRANCISCO, 21st St. & Fair Oaks
Three-story reinforced concrete and stucco apt. house.
Owner—Mr. Johnson.
Architect—Norman R. Coulter, Maskey Bldg., San Francisco.

Segregated Figures Being Taken.
APT. HOUSE Cost, $120,000
SAN FRANCISCO, Geary St. 75 E Hyde.
Six-story and basement reinforced concrete apartment house (27 apts. 2 and 3 rooms each).
Owner—Chas. A. Munroe.
Architect—August Headman, Call Bldg San Francisco.
Figures are being taken for electrical work, heating and plumbing. Figures will be taken neyt week for a general contract.

Contract Awarded.
APT. BLDG. Cost, $13,350
SAN FRANCISCO, W Octavia 75 S Francisco.
Two-story and basement frame apartment building.
Owner—Domenic Galletto.
Contractor—H. O. Lindeman, 619 27th Ave., San Francisco.

Contract Awarded.
APT. BLDG. Cost, $13,325
SAN FRANCISCO, S California 160 E 17th Ave.
Two-story and basement frame bldg. (4 apartments).
Owner—David & Franklin I. Harris 516 27th Ave., San Francisco.

Plans Being Prepared.
APT. HOUSE Cost, $120,000
SAN FRANCISCO, Eddy E of Larkin.
Five-story reinforced concrete apartment house (24 two-room apts and 12 3-room apts).
Owner—E. V. Lacey, 3485 21st, San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.

SEATTLE, Wash.—C. F. Martin, Seaboard Bldg., at approx. $200,000 awarded contract to erect 4-story and base., 100x120 ft. masonry construction apartments at northwest corner Summit avenue and E-Olive St., for Mrs. Agnes Beggs. Basement will accommodate garage quarters. Wm. R. Grant, architect, Seaboard Bldg., Seattle

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. Fold-up-Dors, Ti-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-slipping flooring. — Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.
Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET
Sutter 5907 San Francisco

HOLLYWOOD, L. A. Co., Cal.—Archts Walker & Eisen, 701 Great Republic ife Bldg., have been commissioned to prepare plans for a class A store and apartment bldg. to be erected at 1825 N Highland Ave., Hollywood, for Fred L. Wilkie. The site is 167x135 ft. and the bldg. will probably be 6 stories and basement. Further details have not been determined. Cost, $500,000.

LOS ANGELES, Los Angeles Co., Cal. —Chas. V. Kries & Son, 1410 Sunset Blvd., has completed plans for a studio apartment and store building to be erected at the northwest corner of 7th and Bixel Sts., for Roy See. It will have 7 stores and 13 large apartments. Brick walls, 2-story, 110x120 ft., tile roofing, plaster exterior, tile baths and drainboards, gas radiators, automatic water heaters, pine trim, wall beds, plate glass, cement and hardwood floors, ornamental iron.

LOS ANGELES, Los Angeles Co., Cal. —M. J. Brock, 4610 Moneta Ave., has completed plans and has started work on a store, office and apartment building at the corner of 49th and Figueroa Sts., for Mrs. Harry J. Cooper. It will contain 3 stores, 3 office suites and 6 single apartments. Brick walls, 2-story, 54x100 ft., pressed brick facing, composition roofing, plate glass, cem. pine and hardwood floors, gas radiators, automatic water heaters, pine trim, wall beds, metal skylights, tile baths and drainboards.

BONDS

SACRAMENTO, Cal.—Pacific School District votes bonds of $15,000 to finance erection of 4-room school building. Edwin Nicholas, clerk of district.

CARMICHAEL, Sacramento Co., Cal. —Election held in Carmichael School District to vote bonds of $18,000 to finance construction of additional rooms to present school, failed, 131 for and 113 against issue.

PORTLAND, Ore.—City School Board sets June 21 as date to vote bonds of $5,000,000 to finance erection of new schools and additions to standing structures.

BERKELEY, Alameda Co., Cal. — Board of Education will call election to vote bonds of $2,000,000 to finance erection of additional school buildings.

SOUTH PASADENA, Los Angeles Co., Cal.—An election will be held in the South Pasadena city high school district June 6, to vote on a $185,000 school bond issue. Trustees are: W. R. H. Weldon, Hervey M. Porter and Mrs. L. R. Ball.

ALHAMBRA, L. A. Co., Cal—An election will be held June 3, to vote on a $50,000 bond issue for building a bldg. to house the police dept., police courts, and city jail. R. B. Wallace, city clerk.

STOCKTON, San Joaquin Co., Cal.—Election will be held June 12 in August School District to vote direct tax for $3,500 to finance construction of 2-room addition to present school. H. V. O'Neal and C. F. Rogers, trustees of district.

PITTSBURG, Contra Costa Co., Cal. —City trustees contemplate election to vote bonds of $12,500 to add to $7,500 voted in 1920 to erect $20,000 municipal library building.

OAKLAND, Cal.—Election will be held Sept. 30 to vote bonds to finance erection of new schools and additions to standing structures. The issue will be for a sum ranging from $7,000,000 to $10,000,000.

SANTA CRUZ, Santa Cruz Co., Cal.—Bald Mountain School District votes bonds of $2700 to finance construction of new school.

SANTA ROSA, Sonoma Co., Cal. — Election will be held June 12 in Roseland School District to vote tax of $2495 to finance one class-room addition to present school. Hugh C. Boyd, P. C. Marlatt and David E. Johnson, trustees.

EUREKA, Humboldt Co., Cal. — Election will be held June 1 in McKee Mill School District to vote direct tax for $1600 to finance completion and furnishing of school building.

CUPERTINO, Santa Clara Co., Cal.—Election will be called shortly in Western Union High School District to vote bonds of $250,000 to finance erection of new high school buildings at Saratoga-Sunnyvale highway and Homestead Road. Trustees of district are: Arch Wilson, H. C. Stelling, A. C. Butcher, C. C. Spalding and Leo. H. Vishoot.

WOODLAND, Yoo Co., Cal.—Grafton School District rejects proposal to issue bonds of $10,000 to finance school improvements.

CHURCHES

Contracts Awarded.
CHURCH Cost, $12,296
SAN FRANCISCO, SE Divisadero and Clay
Lathing, metal furring, ornamental plaster ets. for 1-story mezzanine and basement brick church bldg.
Owner—Sixth Church of Christ Scientist 1903 Fillmore St., S. F.
Architect—W. H. Crim Jr. & Hamliton Murdock, 425 Kearny St., S. F.
Contractor—Carroll & O'Brien, 180 Jessie St., San Francisco.

Sub Contracts Awarded.
CHURCH Cost, $200,000
BERKELEY, Alameda Co., Cal. 2516 Durant St. (Epworth University Church).
Three-story class A reinforced concrete church (stone or terra cotta exterior).
Owner—Board of Missions of M. E. Church, Nashville, Tenn.
Architect—J. A. Baylor, Louisville, Ky.
Contractor—Lawton & Vezey, 357 12th St., Oakland.
Structural steel awarded to Herrick Iron Works, Oakland.
Lumber and mill work to Reinhart Lbr. Co., San Francisco.
Heating and sheet metal work to Feary & Moll, Emeryville.
Plastering and cast stone work to William Makin, Oakland.
Painting to J. J. Burdon, Richmond.

SAWTELLE, L. A. Co., Cal.—Archt. Robert Orr, 1305 Corporation Bldg., has been commissioned to prepare plans for a new church bldg., to be erected at Sawtelle, for the First Baptist Church of Sawtelle; it will contain auditorium to seat about 300 people, classrooms, junior and intermediate assembly rms. Brick walls, art stone trim, pine and hardwd. trim; $40,000.

LOS ANGELES, Los Angeles Co., Cal.—Schilling & Brown, San Fernando Bldg., were low bidders at $59,590, including $2000 for repainting, on the general contract for erecting a Sunday school building for Highland Park M. E. Church. Alfred W. Rea and Chas. E. Garstang, 905 Trust & Savings Bldg., are the architects. J. Kokom was low on plumbing at $3439, and Geo. L. Patterson was low on electric wiring at $1528. The building will be two-story and basement, 72x142 ft., frame and plaster construction, cement gun exterior, composition roofing, gas heating.

SEATTLE, Wash.—Rounds-Clist Co., Walker Bldg., Seattle, at approx. $70,000 awarded contract to erect masonry church at Mt. Baker Park for Mt. Baker Community Presbyterian Church; will be 120 by 50 ft. with wing 35 by 35 ft. A. H. Albertson, architect, Henry Bldg., Seattle.

FACTORIES AND WAREHOUSES

Segregated Figures Being Taken.
MACHINE SHOP Cost, $300,000
SAN FRANCISCO, Block bounded by 17th, Mariposa, Florida and Alabama Sts.
Three-story reinforced concrete and brick machine shop.
Owner—American Can Co., 120 Broadway, New York, N. Y.
Plans by company engineers.
Contractor — Lindgren & Swinerton, Standard Oil Bldg., San Francisco.

Contract Awarded.
STORES & FLATS Cost, $13,750
OAKLAND, S Bond St. 57 W 51st Ave.
Two-story 8-room stores and flats.
Owner—Geo. M. Kulash, 1426 Franklin St., Oakland.
Contractor — Harry C. Knight, 1426 Franklin St., Oakland.

Contract Awarded.
BUILDINGS Cost, $70,000
AVON, Contra Costa Co., Cal.
Three 1-story reinforced concrete buildings at sulphur dioxide plant.
Owner—Associated Oil Co.
Architect—Engineering Dept .Associated Oil.
Contractor—Villadsen Bros., Inc., Monadnock Bdg., San Franciso.

LOS ANGELES, Cal.—M. L. Marvin, 6001 Van Ness Ave., has the contract to erect a 2-story class C factory on Washington near San Pedro St. for the California Architectural Decorating Co. A. L. Rogelmair, 358 New High St., archt. Dimensions 50x140 ft., brick walls, cast stone trim, struc. steel, comp. rfg., steel sash, cement fls., plate glass.

LOS ANGELES, Los Angeles Co., Cal.—J. A. Kemp, 803 E. 28th St., submitted low bid for the two-story factory building to be erected at the corner of 12th and Crocker Sts., for the Twelfth and Crocker Realty Co. C. C. Rittenhouse, 534 Wilcox Bldg., architect.

VAN NUYS, L. A. Co., Cal.—Mission Brick Co. has leased 5 acres near Saugus and Calvert Sts. and will start work at once on a brick plant of 20,000 brick daily capacity. The clay deposit at this point is said to be 20 ft. thick with sufficient to produce 100,000,000 brick. Machinery ,estimated to cost $10,000 will be purchased at once. W. R. Noe is mgr. of the new company.

GLENDALE, L. A. Co., Cal.—Western American Conc. Co., 1147 Glendale Blvd Los Angeles, is reported to have purchased an acre site on San Fernando Rd. near Riverside Dr., Glendale, where it will erect a plant for manufacturing Woodlock conc. blk house members. Western American Hardwood Products Co., a co-ordinated organization, will build a plant adjoining; the two will install $50,000 worth of machinery, it is stated. Frank M. Coryell is mgr.

DINUBA, Tulare Co., Cal. — United Packing Co., of Fresno, Herman Wilhelm, Dinuba agent, will erect a packing plant to handle this season's crop. Plants are also contemplated by the Associated Fruit Co., J. D. Findley, district manager, and the Prestidge Fruit Company.

Contract Awarded.
FACTORY BLDG. Cost, $250,000
OAKLAND, Alameda Co., 80th Ave.
Group of 6 concrete and brick factory buildings (1st unit to cost $40,000)
Owner—Illinois Wire and Cable Co., Sycamore, Ill.
Architect — Washington J. Miller, 417 Market St., San Francisco.
Contractor — Davison & Nicolsen (1st unit at $40,600).

POMONA, Los Angeles Co., Cal.—Eugene Ceriat, 316 S. New Hampshire St., has the contract to erect a brick laundry building at the southeast corner of Monterey and Eleanor Sts., Pomona, for the Consolidated Laundries Co. of Pomona. Brick walls, 1-story and part basement, saw tooth roof construction, composition roofing, 100x115 ft., steel sash, cement floors, structural steel; there will be a garage, 50x130 ft., frame construction. Cost, $35,000.

FLATS

Plans Completed.
FLATS Cost, $15,000
SAN FRANCISCO, E Leavenworth 75 S Greenwich.
Two-story and basement frame (3) flats.
Owner—Paul De Martini, 2227 Taylor St., San Francisco.
Architect—P. F. De Martini, 946 Broadway, San Francisco.

Plans Being Prepared.
STORE & FLAT BLDG. Cost, $20,000
SAN FRANCISCO, NE Cor. 38th and Balboa.
Two-story frame store and flat bldg.
Owner—C. O. Clausen, Hearst Bldg., San Francisco.

Plans Being Prepared.
FLAT BLDG. Cost, $20,000
SAN FRANCISCO, 14th Ave., Richmond District.
Two-story frame flat building.
Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

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3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Contract Awarded.
FLATS Cost, $13,200
SACRAMENTO, 3914 Miller Way.
Two-story flats 4-rooms each and garages.
Owner—Mary Wasson, 1605 H, Sacramento.
Contractor—G. E. Harvie, 2212 T, Sacramento.

Plans Complete.
FLATS Cost, $16,000
SAN FRANCISCO, W 7th Ave. 175 200 S Judah.
Two 2-story and basement frame flats (2 flats in each building).
Owner—S. R. Anderson, 4002 22nd St., San Francisco.

Contract Awarded.
FLATS Cost, $13,986
SAN FRANCISCO, N Green 124-2 W Octavia.
Two-story and basement frame (2) flats.
Owner—Mrs. Delia Mahoney, 57 Post St San Francisco.
Architect—Geo. Wiemeyer, 57 Post St., San Francisco.
Contractor — Ira W. Coburn, Hearst Bldg., San Francisco.

Contract Awarded.
FLATS Cost, $18,000
SAN FRANCISCO, NW Union & Taylor.
Three-story and basement frame (4) flats.
Owner—A. Del Monte, 860 Union St., San Francisco.
Architect — Paul F. De Martini, 946 Broadway, San Francisco.
Contractor—B. Pagano, 837-A Union, San Francisco.

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, E Willard N Woodland Ave.
Two-story and basement frame flats.
Owner—Mrs. Hildah Erath.
Architect—Mel I. Schwartz, Nevada Bk Bldg., San Francisco.
Contractor — Chas. J. U. Koenig, 520 Church, San Francisco.

Plans Complete.
FLATS Cost, $12,000
SAN FRANCISCO, W 28th Ave. 100 125 N Balboa.
Two 2-story and basement frame flats (2 flats in each bldg.)
Owner—Wm. McDonald, 6140 Geary St., San Francisco.

GARAGES

LOS ANGELES, Cal.—Archt. John M. Cooper, 321 Marsh-Strong Bldg., is completing plans for a class C store and garage to be erected on 18th St. Figueroa St., for the I. W. Hellman Estate, to be occupied by the Paul G. Hoffman Co.; it will contain 6 stores, garage and auto sales space and offices. Brick walls, 100x130 ft., 1-story and mezzanine fl., press. brick facing, wood roof trusses, cem., tile and hardwood fls., comp. rfg., metal skylights, steel sash, plate and wire glass; $75,000

LOS ANGELES, Cal.—L. A. Railway Co. has had plans prepared by its engineering department for a part 1-sto. and part 2-sto. garage and office bldg. to be erected on 16th St. near San Pedro So. Dimensions 141x125 ft., brick walls, press. brick facing, steel sash, comp. rfg., cem. and wood flrs.; $34,000.

LOS ANGELES, Cal.—Macdonald and Driver, 526 Douglas Bldg., has the contract at about $26,000 to erect a 1-story class C auto sales and service bldg. on n.e. cor. Ave. 50 and Pasadena Ave., for the Albertson Motor Co. Harry L. Pierce, 603 Wright & Callender Bldg., archt. Dimensions, 100x125 ft., brick walls, rug. brick front, art stone trim, comp. rfg., steel sash, cem. and wood fls., plate glass.

LOS ANGELES, Cal.—Austin Co. of California, 737 Bartlett Bldg., are preparing plans and have the contract to erect a warehouse and garage at cor. 48th and Alameda Sts., for the Greer-Robbins Co. Dimensions 165x198 ft., reinf. conc. frame and roof, brick curtain walls, 1-story, cement fls, steel sash, metal skylights, steel columns, fire doors, factory ribbed glass; bldg. designed for one future story; $55,000.

GOVERNMENT WORK AND SUPPLIES

Contract Awarded.
POST OFFICE Cost, $111,537
BAKERSFIELD.
One-story and basement hollow tile post office bldg.
Owner—U. S. Government.
Architect—Architectural Dept., Washington, D. C.
Contractor — Stiles Construction Co., Oklahoma City.

PUGET SOUND, Wash. — Bureau of Yards and Docks, Navy Department, Washington, D. C., preparing Specification No. 4985, providing for installation of elevator in hospital at Puget Sound.

SAN FRANCISCO—Until June 19, 12 M., bids will be rec. by Wm. Arthur Newman, Supervisinf Supt., Room 402 Postoffice Bldg., 4th and Mission Sts., to fur. and instal lightiag fixtures in U. S. Custom House, San Francisco. Plans obtainable from above office.

PEARL HARBOR, T. H.—Bureau of Yards and Docks, Navy Department, Washington, D. C., will shortly ask bids under Specification No. 4975 to erect storehouse and case ammunition filling house, Naval Operating Base, (Ammunition Depot) at Pearl Harbor. The work will consist of storehouse & filling house both having concrete foundations, stuccoed tile walls, steel framing, steel sash, copper gutters, downspouts and ventilators and railroad sidings connecting with existing railroad system. The storehouse will have concrete floor, asbestos shingled roof, steel doors and steel shutters. The filling house will have concrete and wood floors, built-up roofing, terra cotta partitions, and wood doors. Each building will be provided with hose racks and connection to existing water mains. Plans and specifications may be obtained by forwarding to the Bureau, to the Commandant, Naval Operating Base, Pearl Harbor, T. H., or to the Commandant, Navy Yard, Mare Island, Calif., a check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, as security for the safe return of the drawings and specification, which will be forwarded as soon as available. Prospective bidders on the West Coast should make application at the Navy Yard, Mare Island, Calif., for the bidding data

SAN FRANCISCO—House of Representatives (Washington, D. C.), votes $500,000 to finance construction of a Marine Corps Headquarters and storage building in San Francisco. Fund will be available on July 1. Structure will probably be erected on site of old Sailors' Home at Spear and Folsom Sts.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, Washington, D. C., to fur. and del. materials to Navy Stations; date for opening bids as noted at close of each paragraph:

Sched. 2200, eastern and western yards, miscellaneous steel shapes, plates and sheets, June 3.

Sched. 2207, eastern and western yards, miscellaneous emery cloth, June 10.

Sched. 2213, eastern and western yards, cotton and rubber insulating tape, June 10.

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Schedule 2214, eastern and western yards, sheet cork, June 10.

Schedule 2215, eastern and western yards, leather belting and rawhide lacing, June 10.

Schedule 2218, Puget Sound, forced draft blowers, fuel oil burners and spares, etc., June 3.

Schedule 2219, eastern and western yards, miscellaneous hair felt, June 10.

Schedule 2220, eastern and western yards, dry batteries, June 10.

Schedule 2221, eastern and western yards, flashlights, June 10.

Schedule 2224, eastern and western yards, metal polish and polishing paste June 10.

Schedule 2226, eastern and western yards, hacksaw blades, June 10.

Schedule 2231, eastern and western yards, boiler gaskets, June 3.

Sched. 2235, eastern and western yards, hacksaw frames, June 17.

Schedule 2236, Mare Island, 300 water gauge glasses, June 17.

Schedule 2237, eastern and western yards, electric soldering irons, June 17.

Schedule 2238, eastern and western yards, 223 electric flatirons, June 17.

Schedule 2239, eastern and western yards, searchlight carbons, June 17.

Schedule 2240, eastern and western yards, vises, June 17.

Schedule 2271, eastern and western yards, miscellaneous lubricating grease June 10.

SAN DIEGO, Cal.—Following is a list of prospective bidders to erect buildings, roads, service connections at Marine Corps Base, San Diego, bids for which will be opened by the Bureau of Yards and Docks, Navy Department, Washington, D. C., June 18, under Specification No. 4933:

Herman Hodges, Inc., 505 Real Estate Trust Bldg., Philadelphia.
Campbell Building Co., Security Bldg. San Diego, Cal.
De Waard & Cobham, Granger Bldg. San Diego.
C. Bourbon, Spreckels Bldg., San Diego, Cal.
J. F. Diaz, Security Bank Bldg., San Diego, Cal.
Lange & Bergstrom, Commonwealth Bldg., San Diego, Cal.
R. E. McKee, Commonwealth Bldg., San Diego, Cal.
Bert Noble, Spreckels Bldg., San Diego, Cal.
B. A. Newman Co., Fresno, Cal.
F. Jarboe, Spreckels Bldg. ,San Diego California.
Elliott Engineering Co., Feder Bldg., El Paso, Texas.
R. H. Travers, Rosslyn Hotel, Los Angeles, Cal.
Turner Co., 272 Natoma St. San Francisco.
Thomas Haverty Co., 8th and Maple Sts., Los Angeles, Cal.
Anton Johnson Co., 1007 S Grand St., Los Angeles, Cal.
Graham & Son, Dinuba, Cal.
R. E. Campbell, Long Beach, Calif.
Gobe Electric Works, San Diego, Cal.
W. E. Kier Construction Co., First National Bank, San Diego, Cal.
Raymond Concrete Pile Co., Los Angeles, Cal.
H. D. Trounce, Southern Title Bldg., San Diego, Cal.
Reed Bros., 727 7th St., San Diego, Cal.

Folowing is a list of prospective bidders for hospital construction, N. O. B. San Diego, Cal., bids for which will be opened by Bureau of Yards and Docks, June 4, under Specification No. 4955: Covering all work:

Crane Co., Washington.
Allen Pope, 4722 15th St. N.W., Washington.
John Douglas Co., Union Trust Bldg., Washington.
George S. Curtis Co., Elizabeth, N. J.
Robert E. McKee, 1900 Texas St., El Paso, Tex.
Campbell Building Co., Salt Lake City, Utah.
Westinghouse Electric and Mfg. Co., Hibbs Building Washington.
Johns-Manville, Inc., Sa: Francisco.

Covering work under Part 1:

J. P. Sullivan, 4515 Indiana Ave., Chicago.
Jules Hanique, 724 S Spring St., Los Angeles, Cal.
S. Heller Elevator Co., Milwaukee.
Circle Construction Co., 59 Pearl St., New York City.

Covering work under Part 3: Michaels & Co., Inc., Flatiron Bldg, Norfolk, Va.

TUCSON, Ariz.—Following bids received by Director U. S. Veterans' Bureau, Washington, D. C., to erect (1) erect occupational therapy building, etc., (2) deduct for omitting fly screens at Tucson, Ariz.:

Coast Construction Co., Tucson, Ariz. item 1, $23,900; 2, $500; begin 4 days, complete 130 days.

Peterson & Hall, Tucson, Ariz., item 1, $26,446; 2, $350; begin 10 days, complete 100 days.

John W. Murphy, Tucson, Ariz., item 1, $25,990; 2, $350; begin 5 days, complete 90 days.

Herbert E. Brown, Tucson, Ariz., item 1, $29,770; 2, $450; begin 3 days, complete 100 days.

Robert E. McKey, Tucson, Ariz., Item 1, $27,500; 2, $800; begin 10 days, complete 120 days.

Chas. Blixt, Tucson, Ariz., item 1, $36,233; 2, $600; complete 103 days.

S. H. Brewster, Tucson, Ariz., item 1, $25,164; 2, $398; begin 10 days, complete 110 days; deduct $232 for alt.

E. E. Leonard, Tucson, Ariz., item 1, $24,965.37; 2, $566.26; begin 10 days, complete 85 days.

Stiles Construction Co., Oklahoma City, Okla., item 1, $29,896; 2, $1088; begin 20 days, complete 100 days.

Jenning Construction Co., El Paso, Tex., item 1, $26,995; 2, $665; begin 10 days, complete 120 days.

SAN FRANCISCO—Until June 3, 12 M, bids will be rec. by Wm. Arthur Newman, Supervising Superintendent, 402 Postoffice Building, 7th and Mission Sts., to fur. and install combined hot water heater and storage tank at U. S. Marine Hospital, San Francisco. Plans and further information obtainable from above office.

SAN FRANCISCO—Until June 3, 11 A. M. bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5346-579, to fur. and del. Rio Vista, Solano county: 1 steel sheaves, for 1-in. wire rope, 11½-in. o. d. with 10⅝-in. dia., in grove bored for 1¾-in. pin, to be metalline brushed; 2 galv. cleats, cast or malleable, 6-in. long; 1 cylinder with valves for 3 H. P. Novo gas engine No. 46,627; 1 piston with rings to fit Cylinder 3 H. P. Novo gas engine.

SACRAMENTO, Cal.—Until June 7, 12 M., bids will be rec. by Wm. Arthur Newman, Supervising Superintendent, Post Office Bldg., 7th and Mission Sts., San Francisco, to install new lighting in Sacramento, Calif., post office. Plans obtainable from above office or the office of the Custodian, U. S. Post Office and Courthouse, Sacramento.

PT. VINCENT, L. A. Co., Cal.—George W. Young, San Pedro, was low bidder at $36,990 for erecting fog signal bldg. and 3 dwlgs. at Pt. Vincent, for the Supt. of Lighthouses. Frame constr., 1-story, 2-story and basement, tile rfg.; plaster exter, pine trim, fireplaces. The bids were: George W. Young, San Pedro (1) for fog signal bldg. and three dwlgs., $36,990; United Builders Co., $42,670; Laverty Constr. Co., $49,919.19; Henry W. Schlueter, $56,340; L. A. Geisler, $68,082; Estates Mortgage & Bldg. Co., $70,401. The bid of George W. Young has been recommended for acceptance.

PASADENA, L. A. Co., Cal.—E. O. Nay Co. appeared to be low bidder at $51,567 for remodeling the heating system at the Pasadena high school Other bids were: W. F. Creller, $54,470; Munger & Munger, $56,279; Foss and Jones, $56,362. Bids of L. Z. Brown and Thos. Haverty Co. not totalled. Bids ordered fully tabulated for advisement.

HALLS AND SOCIETY BUILDINGS

SAN DIEGO CO., Cal.—Archt. William L. Woollett, 1211 Pacific Mutual Bldg., has completed preliminary plans for a large clubhouse to be erected on a tract of land containing about 15 sq. miles at Otay Mesa, near San Diego, for the Minnewana Ranch Club, H. A. Malcolm, pres. The clubhouse will be 3-story with plaster exter. and tile rfg.; $250,000. There will be several other bldgs., including servants' quarters, stables, etc.

Plans To Be Revised.
BUILDING Cost, $—
SAN FRANCISCO, N Parnassus Ave. W Willard St.
Two-story frame fraternity bldg.
Owner—Delta Sigma Delta Fraternity.
Architect—August Headman, Call Bldg. San Francisco.

PHOENIX, Ariz.—Phoenix Lodge No. 335, B. P. O. E., are planning to start shortly on a 5-story lodge bldg. at Second and Adams Sts., where excavation has been started. The proposed structure will be a combined office and lodge bldg., the first three floors being devoted to offices and stores for revue purposes; the two upper stories for lodge rooms. There will be a gymnasium and swimming pool in the basement. Structural steel and conc. constr.

MERCED, Merced Co., Cal.—Woman's Club House Association contemplates purchase of site and erection of a new club house; estimated cost, $10,000. Preliminary plans have been prepared by Architects Mayo & Bissell, Merced, to remodel Elmer E. Smith residence for club quarters. A new building, however, is favored, the site to be in the vicinity of Bear Creek Park.

LOS ANGELES, Los Angeles Co., Cal. J. C. Bannister, 903 N. Mariposa Ave., was awarded the general contract at $79,575 for erecting the new City Club building to be built on Spring St., between 8th and 9th Sts. Loy L. Smith, 218 Byrne Bldg., is the architect. It will be 5-story and basement; stores in the first story, offices and club quarters above; dimensions, 50x155 ft., reinforced concrete construction, pressed brick and terra cotta facing, plate glass windows, electric elevators, steam heating. This contract includes reinforced concrete and brick work and enclosing the building. The bids were: J. C. Bannister, 79,575; Bavin & Burch, $79,941; Robert E. Millsap, $85,990; Lange & Bergstrom, $93,000; M. F. Foley, $93,300; Wm. G. Reed, $93,552; Hennessey Bros., $95,000; Pozzo Constr. Co., $96,000; Barrett & Hilp, $97,500; Clinton Constr. Co., $99,800; North Pacific Constr. Co., $103,250; Weymouth Crowell Co., $102,700; Wurster Constr. Co., $104,915.

SAWTELE, L. A. Co., Cal.—Archt. W. Asa Hudson, rm. 9, Woods-Beekman Bldg., Beverly Hills, is preparing plans for a 2-story brick store and lodge room bldg. to be erected at 107th St. and Santa Monica Blvd., Sawtelle for Veterans Masonic lodge. Found., 66x149 ft., 6 stores with cem. fls. ,steel columns and beams, wood trusses, comp. rf., stucco exter., hardwd. fls. in clubrooms, kitchen, heating system.

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HOSPITALS

SAN FRANCISCO—Until June 3, 12 M bids will be rec. by Wm. Arthur Newman, Supervising Superintendent, 402 Postoffice Building, 7th and Mission Sts., to fur. and install combined hot water heater and storage tank at U. S. Hospital, San Francisco. Plans and further information obtainable from above office.

PASADENA, L. A. Co., Cal. — Archt. Robert H. Orr, 1305 Corporation Bldg., is preparing plans for a dormitory bldg the first of a group of bldgs., to be erected on Santa Anita Ave., opposite Ville Dr., Pasadena, for the Massie Home for Aged, National Benevolent Assn; it will have accommodations for 75 people including kitchen, dining room, reading rooms, etc. It will probably be of frame and plaster constr., with tile rfg., 2-story and basement; $125,000.

HOTELS

Plans Being Prepared.
HOTEL Cost, $1,250,000
OAKLAND, Fifteenth and Harrison Sts.
Five-story reinforced concrete & steel hotel bldg. (200 rooms).
Owner—Coit Investment Co.
Architect—Leonard L. Ford, 306 14th St. Oakland.

Plans Being Prepared.
HOTEL Cost, $125,000
QUINCY, Plumas Co., Cal.
Two-story brick hotel building (50 rms dining room and all modern conveniences).
Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Preliminary Plans Being Prepared.
HOTEL Cost, $—
LASSEN COUNTY, Cal., Lassen Natl. Park.
Two-story frame hotel (50 rooms) with a log exterior while the interior will be finished in rustic.
Owner—Withheld.
Architect—C. A. Muessdorffer, Humboldt Bank Bldg., San Francisco.

EUGENE, Ore. — Head Construction Co., Eugene, at approx. $77,000 awarded contract to erect (superstructure) for 7-story reinforced concrete hotel building, 100 by 187 ft., for Eugene Hotel Company. John Hunzicker, architect, Eugene, Ore. Bids for heating, plumbing, wiring, etc., are under advisement.

Plans Being Prepared.
ALTERATIONS Cost, $5000
SAN FRANCISCO, Sixth and Howard.
Alterations to hotel bldg.
Owner—Howard Hotel.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

YREKA, Siskiyou Co., Cal.—Weaver Bros., owners of the Umpqua Hotel at Roseburg, Ore., plan immediate construction of a $150,000 hotel building in Main street if Chamber of Commerce agrees to donate site. The Chamber proposes to secure funds to purchase the site through public subscription.

POWER PLANTS

Sub Contract Awarded.
SUB STATION Cost, $—
OAKLAND, N 20th St., W Telegraph Avenue.
Two-story concrete electrical sub station.
Owner—Great Western Power Co., 530 Bush St.
Designer—Engineering Dept.
Structural steel awarded to Golden Gate Iron Works, 1541 Howard St., San Francisco.

SEATTLE, Wash.—Until June 6, 10 a. m., bids will be rec. by Wm. D. Freeman, city purchasing agent, to fur. underground lead covered and W. P. cable

POMONA, Cal. — Southern Counties Gas Co. will expend about $140,000 in the Pomona Valley district during 1924. The largest item will be a 30,000 ft. 8-in. transmission line from Spadra to Covina, costing $54,000. About $20,000 will be expended in the Upland territory for expanding the distributing system. Ferdinand R. Bain, president.

LONG BEACH, Cal.—Application has been made to U. S. Engineer Office by the Southern California Edison Co. for permission to lay ten lead covered telephone cables across (under) Cerritos Channel, bet. the piers of the Badger Ave. bascule bridge, in Long Beach.

SACRAMENTO, Calif.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, appropriates approx. $13,000 to finance installation of two station gas meters, each with capacity of 202,000 cu. ft. per hr. C. W. McKillop, dist. mgr. for company.

LOS ANGELES, Cal.—Until 3 P. M., June 10, bids will be rec. by public service comm., 207 S. Broadway to fur. bus insulators and accessories under spec. P-326.

Bids, same date, to fur. storage battery under Spec. P-330. Jas. P. Vroman, secretary.

TACOMA, Wash.—Bids to construct power house in north fork of Skokomish river for first unit development of Cushman power project will be asked shortly by city commission; est. cost, $250,000. J. L. Stannard, ch. eng. for project.

GRASS VALEY, Nevada Co., Cal. — See "Irigation Proects," this issue. Report submitted.

PUBLIC BUILDINGS

NAPA, Napa Co., Cal. — E. W. Doughty, Napa, at $780 awarded cont. to remodel Callaghan building for city hall quarters, work consisting of partitions, shelving, lockers, etc. Other bids: Coffield & Arnitz, $852; F. A. Younger, $884.

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Contract Awarded.
COTTAGES Cost, $33,800
SAN JOSE, Taylor near San Pedro.
Six 6-room cottages and 4 5-room cottages.
Owner—Geo. M. Kellop, 540 Cole, San Francisco.
Architect—H. C. Baumann & Edw. Jose 251 Kearny St., San Francisco.
Contractor—Geo. M. Kellop, 540 Cole San Francisco.

PETALUNA, Sonoma Co., Cal.—City votes bonds of $3000 to remodel lower floor of city hall for firehouse quarters. Lyman Green, city clerk.

ALHAMBRA, Los Angeles Co., Cal.—City commission has appointed a ways and means committee to investigate the proposed outdoor civic theatre and art center in Alhambra City Park. This project is the idea of Glenn E. Palmer, promoter of Alhambra's Civic Pageant. The stage will have a 50x 30 ft. proscenium, built in the center of a terraced tree-planted lawn, 50x 250 ft. with 30 ft. lagoon. The stadium seats will accommodate 4000. There will be pipe organ, chimes, etc. Harrison Clarke and C. E. Berry are the designers. Russell Stimmel, stage designer.

Plans Being Completed.
CITY HALL, ETC. Cost, $28,000
LEMOORE, Kings Co., Cal.
Two-story brick city hall and firehouse, brick exterior finish, electric heating system, composition roof.
Owner—City of Lemoore.
Architect—Swartz & Ryland, Rowell Bldg., Fresno. ?

OROVILLE, Butte Co., Cal.—County supervisors appropriate $20,000 to finance construction of war memorial buildings as follows, at Oroville, $25,400; Chico, $31,500; Gridley, $22560. C. F. Belding is county clerk.

LODI, San Joaquin Co., Cal.—Bids will be asked at once by city council to erect bungalow firehouse in Maple Park District. Bids will be taken both on brick and concrete tile with stucco finish. Plans by J. Frank Watson, Lodi.

RESIDENCES

Contract Awarded.
DWELLING Cost, $10,500
SACRAMENTO, Cal. No. 2770 Montgomery Way.
Two-story 7-room dwelling and garage.
Owner—M. J. Ballard, 2115 C St., Sacramento.
Architect—None.
Contractor—J. F. Gould, 1623 O St., Sacramento.

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LOS ANGELES

Figures To Be Taken Shortly.
RESIDENCE Cost, $10,000
OAKLAND, Lakeshore Highlands.
Two-story frame and stucco residence with tile roof.
Owner—Withheld.
Architect—Morrow & Garren, Chronicle Bldg., San Francisco

Plans Being Revised.
RESIDENCE Cost, $8000
OAKLAND, Thousand Oaks.
Two-story frame and stucco residence.
Owner—Mrs. Mary Fowler.
Architect — Miller & Warnecke, Alameda Co. Title Ins. Bldg., Oakland.

Contract Awarded.
DWELLINGS Cost, $12,000
SAN FRANCISCO, W 48th Ave. 100 125 150 175 S Cabrillo.
Four 1-story & basement frame dwlgs.
Owner—Niels Schultz, 46 Kearny St., San Francisco.
Contractor — Schultz Const. Co., 46 Kearny St., San Francisco.

Plans To Be Revised.
RESIDENCE Cost, $8000
SAN FRANCISCO, 22nd Avenue.
Two-story frame and stucco residence.
Owner—Mrs. Anker.
Architect—August G. Headman, Call Post Bldg., San Francisco.

Bids Opened.
ADDITION Cost, $20,000
BURLINGAME, San Mateo Co., Cal., Burlingame Country Club.
An additional one-story frame and stucco bldg. containing sleeping quarters equipped with baths and garage space in basement.
Owner—Burlingame Country Club.
Architect—Thomas J. Kent care Lewis P. Hobart, Crocker Bldg., S. F.
Coast Construction Co., Crocker Bldg., San Francisco.....$17,360
Dowsett-Ruhl Co., 77 O'Farrell St., San Francisco 21,745
Chas. Stockholm & Son, Monadnock Bldg. 23,967
Grace & Bernieri, 703 Market St. 24,259
All bids were taken under advisement.

Plans Being Prepared.
RESIDENCE Cost, $20,000
SAN FRANCISCO, Ingleside Terrace.
Two-story frame and stucco residence and garage.
Owner—A. Crocker.
Architect—Chas. E. Gottschalk, Phelan Bdg., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $20,000
SAN FRANCISCO, 867 Market St.
Reconstruct show windows; remove & reconstruct interior partitions, install fixtures, etc.
Owner — Golden Gate Cloak & Suit House, premises.
Architect — E. W. Cannon, Central Bldg., Oakland.
Contractor — S. Kulchar, E-10th and Park Way, Oakland .

To Be Done By Day's Work.
RESIDENCE Cost, $25,000
SAN FRANCISCO, Walnut near Washington St.
Two-story frame and stucco residence (9 rooms).
Owner—Remo E. Sbarboro, 1927 Washington St., San Francisco.
Architect—Powers & Ahnden 460 Montgomery St., San Francisco.

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To Be Done By Day's Work .
BUNGALOWS Cost, $320,000
SAN FRANCISCO, Mt. Vernon Tract near county line.
80 bungalows.
Owner—Jas. Welch, 1 Northwood Dr., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Contract Awarded.
DWELLINGS Cost, $12,000
OAKLAND, W 14th Ave 35 & 70 SE 27th Street.
Two 1-story 8-room duplex dwellings.
Owner—Ella R. K. Henry, Premises.
Contractor—F. W. Borden, 5836 Foothill Blvd., Oakland.

Plans Being Prepared.
RESIDENCE Cost, $10,500
SAN FRANCISCO, Ventura Ave Forest Hill.
Two-story frame and stucco 7-room residence.
Owner & Archt.—O. Thayer, 110 Sutter St., San Francisco.
Contractor—E. K. Nelson.

Plans Being Prepared.
RESIDENCE Cost, $7500
SAN FRANCISCO, Laguna Honda Tract
One-story frame and plaster Spanish style residence and garage (five rooms).
Owner—C. A. Hawkins Inv. Co.
Architect—O. Thayer, 110 Sutter St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $7600
SAN FRANCISCO, Laguna Honda Tract
One-story frame and plaster 5-room English residence and garage.
Owner—C. A. Hawkins Inv. Co.
Architect—O. Thayer, 110 Sutter St., San Francisco.

Contract Awarded.
DWELLINGS Cost, $33,000
SAN FRANCISCO, NW Drake & Winding Way; SW Chicago Way & So. Hill Blvd; W Peninsula 64 96 N Bay Shore; E Naylor 33 N Chicago Way; S Winding Way 100 E Cordova; N Chicago Way 236 W Naylor; W Cordova 36 N Prague; E Tunnel 420 N Bay Shore.
Nine 1-story & basement frame dwlgs.
Owner—Crocker Estate Co., 525 Crocker Bldg., San Francisco.

Bids Wanted.
RESIDENCE Cost, $12,500
SAN FRANCISCO, SE Corner Shorview and 38th Ave.
Two-story and fasement frame and stucco residence (10 rooms, two baths).
Owner—Ralph Meyers, Balboa Bldg., San Francisco.
Architect—Erle J. Osborne.

SEATTLE, Wash.—Roy L. Jones, 311 S Western Ave., has prepared plans for a 12-unit bungalow ct. and three 7-rm. dwlgs. to be erected in Seattle for Mr. McCrabe. Frame and plaster construction.

PORTLAND ,Ore.—J. L. Hartman Co., Chamber of Commerce Bldg., has started construction on the first group of 400 homes which the company plans to erect in the vicinity of Sandy Blvd. east of East 82nd St. Costs will range from $3000 and up. Total expenditure is placed at $1,500,000.

LOS ANGELES, Los Angeles Co., Cal. —Architect William Skidmore, 519 Lissner Bldg., has completed plans for a 9-room Spanish residence to be erected on McCadden Pl. near Santa Monica Blvd. for C. F. Longley. Frame and plaster construction, 2-story and basement, tile roofing, cement and white oak floors, gas unit heating system, automatic water heater, pine and hardwood trim, 3 tiled baths, ornamental iron work, tile library and terrace, 2 tiled mantels. Owner will erect and will have charge of construction.

LOS ANGELES, Cal.—Chas. S. Holloway, 1032 N Western Ave., has completed plans and will erect a $35,000, 3-story, 16-room frame dwelling in Laurel Canyon for Frank Corwin. Foundation 60x70 ft., stuec oexter., tile rf., hardwood fls. and trim, five tile baths, 4 extra toilets, metal lath, iron stairs, grilles and balconies, billiard room, hot air and electric heating, laundry, swimming pool, patio 31x25 ft.

BEVERLY HILLS, L. A. Co., Cal.—Royce H. Heath, 457 S Western Ave., has the contract to remodel the home of Mrs. Mary P. Moll at Sunset Blvd. and Alpine Dr., Beverly Hills, converting into a 2-story, 19-room English dwelling. Cost about $50,000. Frank M. Tyler, rm 12, 634 S Western Ave., archt. Brick veneer, cast stone and half-timber exter., shaker rf., steel casement windows, hardwood floors and trim, tile baths and mantels, garden walls, tennis courts, terrace drives. Frederick Perl, Beverly Hills, landscapist.

SCHOOLS

Time To Open Bids Extended From June 5 To June 12, 7:30 P. M.
SCHOOL Cost, $—
PALO ALTO, Santa Clara Co., Cal. Block 81.
Reinforced concrete elementary school
Owner—Palo Alto City School District.
Architect—Allison & Allison, Hibernian Bldg., Los Angeles, and Birge M. Clark, associates, Palo Alto, Cal.
See call for bids under official proposal section in this issue.

Plans Being Figured — Bids To Be Opened June 5, 1924.
SCHOOL Cost, $92,000
OAKLAND, Alameda Co., Cal., Hawthorne School site, E 17th St. and 29th Ave.
Two-story reinforced concrete school 9 rooms, auditorium and principals office.
Owner—City of Oakland.
Architect — John J. Donovan, 1916 Broadway, Oakland.
See call for bids under official proposal section in this issue.

Plans Being Completed.
SCHOOL Cost, $40,000
POINT ARENA, Mendocino Co.
Frame school building.
Owner — Point Arena Union High School.
Architect—Norman R. Coulter 46 Kearny St., San Francisco.
Figures will be called for shortly.

Plans Being Figured—Bids Close June 10, 8 P. M.
ADDITION Cost, $——
ALAMEDA, Alameda Co., Cal. Block Bounded by Central Ave., Mound, Van Buren and Court Sts.
Two-story and basement brick addition to Lincoln School.
Owner—City of Alameda.
Architect — Henry H. Meyers, Kohl Bldg., San Francisco.
Bids will be received on each of the following department of work, or any two or more combined departments:
Dept. 1—Excavating, concrete work, brick work, etc.
Dept. 2—Miscellaneous steel and iron work.
Dept. 3—Carpenter work, plastering, painting, etc.
Dept. 4—Plumbing work.
Dept. 5—Electrical work.
Dept. 6—Heating and ventilating work.
See call for bids under official proposal section in this issue.

Contract Awarded.
SECHOOL Cost, $23,532
EAST NICHOLAUS, Sutter Co., Cal., Near Marysville.
One-story concrete school building.
Owner—East Nicholaus Branch of Sutter High School District.
Architect — Dean & Dean, California Life Bldg., Sacramento.
Contractor—Geo. D. Hudnutt, California Fruit Exchange Bldg., Sacramento.
Other bids were:

Campbell Constr. Co.	$24,314
Chas. S. Mayberry	24,943
C. W. Palmer	26,330
H. W. Robertson	25,702
H. S. Holt	26,800
Wm. McFarland	26,995
Herndon & Finnigan	27,842
Heldener Constr. Co.	29,282

Pans Being Figured—Bids Close June 21, 2 P. M.
SCHOOL Cost, $—
WOODLAND, Yolo Co., Cal.
Two-story reinforced concrete school building.
Owner—Woodland High School District J. L. Harland, President of Board of Trustees.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Bonds of $250,000 voted to finance construction.
Segregated bids are desired for (1) general contract with alternate propositions; (2) plumbing; (3) electric work; (4) shades; (5) Venetian blinds; (6) linoleum; (7) heating and ventilating.
See call for bids under official proposal section in this issue.

Figures To Be Called For Next Week.
SCHOOL Cost, $12,000
RYER, Sacramento Co., near Rio Vista.
One-story reinforced concrete school building with tile roof.
Owner—Ryer Island School District.
Architect—Dean & Dean, Calif. State Life Bldg., Sacramento.

Figures To Be Taken In Two Weeks.
SCHOOL Cost, $15,000
GUERNEVILLE, Cal.
One-story frame school building.
Owner—Guerneville Grammar School District.
Architect—Miller and Warnecke, Perry Bldg., Oakland

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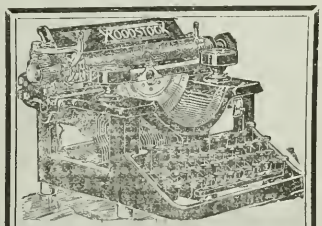

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Bids Opened.
SCHOOL Cost, $40,000
WHEATLAND, Yuba Co., Cal.
One-story hollow tile high school with cement plaster exterior and tile roof (4 rooms and auditorium).
Owner—Wheatland Union High School District.
Architect — Geo. Sellon & Co., Mitau Bldg., Sacramento.

Carpentry and Masonry

Harry W. Robertson	$23,250
Harry Henderson	24,897
Holdener Constr. Co.	24,622
H. S. Holt	25,250

Plastering

W. B. Scollan	$5700
Harry W. Robertson	5860
H. S. Holt	5920

Painting

Conrad Schneider	$1746
E. H. Cox	1871

Sheet Metal Work

Latourrette-Fical Co.	$1140
Sinclair & Bessie	1249
Booth & Herboth	1400
Frank C. Ahl	1559

Roofing

Gladding, McBean & Co.	$2268
Allyn L. Burr Co.	2377
Larsen Roofing Co.	2554

Electrical Work

Latourrette-Fical Co.	$6228
Electrical Supply Co.	6500
Calif. Mech. Eng. Co.	6800

Plumbing

Booth & Herboth	$3369
Latourrette-Fical Co.	3650
Hatley & Hateley	4500

Plumbing and Electrical Work

Booth & Herboth	$9593
Latourrette-Fical Co.	9878

All bids were taken under advisement

LITTLE LAKE, Inyo Co., Cal.—Until 7:30 p. m., June 7, bids will be rec. by trustees Little Lake school dist. near Santa Fe Springs, for erecting 2-room addition to existing school bldg., in accordance with plans and spec. by Architects Allison & Allison, 1405 Hibernian Bldg., Los Angeles. Hollow tile walls, plas. exter., tile rf. toilet. Bids will be taken separately on gen. contr. and on plbg. and htg. Deposit of $10 required for plans.

NEAR OCEANSIDE, San Diego Co., Cal.—T. C. Kistner & Co., architects, 616 Pantages Theatre Bldg., and Spreckels Bldg., San Diego, will be the architects for a new $80,000 high school building to be erected near Oceanside for the Oceanside-Carlsbad high school district. Bonds for the above amount will be voted on May 29.

HERMOSA BEACH, Los Angeles Co., Cal.—Board of Education is preparing to start work soon on 2 4-room school buildings, in order to have same ready by next September. Chas. D. Jones is the recently elected superintendent of schools. One building will be erected on the north side and the other on the south side of Hermosa. The bond issue for this work is $82,000 for sites, buildings and equipment.

LOS ANGELES, Los Angeles Co., Cal.—Until 9 A. M., June 11, bids will be received by the Board of Education for erecting a new school building at Utah St. school site, 174 N. Utah St. Bids will be taken separately on the general contract, plumbing, heating, painting and electric wiring. It will contain 12 rooms, brick construction. Cost, $84,000.

POMONA, L. A. Co., Cal.—Architect Robert Orr, 1305 Corporation Bldg., is preparing plans for a junior high school bldg. to be erected at the Kaufman Junior high school site, Pomona. Brick walls, 2-story, 45x90 ft., tile rfg., cem. and maple fls., the first floor will have auditorium and balcony to seat 600 people and the second floor will contain kindergarten room and locker rooms. There will also be a new gas furnace htg. sys. for the entire group of buildings.

MONTEBELLO, L. A. Co., Cal. — Etherton Const. Co., 406 Stack Bldg., was low bidder at $21,000 to erect a gymnasium and shop bldg. at the high school site, Montebello, for the Montebello High School District. Jeffery & Schaefer, 1104 Kerckhoff Bldg., archts. Brick walls, 1-story, 106x103 ft., press. brick facing, terra cotta trim, maple and cement fls., steel sash, wood roof trusses, sawtooth roof constr., gas rads.

LONG BEACH, Los Angeles Co., Cal.—J. D. Sherer & Son, 1865 E. Anaheim Ave., Long Beach, were awarded the general contract at $72,157 for erecting the new unit at the Roosevelt city school, Long Beach. Other awards were: Willian Vult, plastering, $7000; W. McArthur, heating and ventilating, $13,482; Hickman Bros., plumbing, $3946; R. E. Swan, painting, $2980; Jensen Electric Co., wiring, $4937. W. Horace Austin, 521 Pacific S. W. Bldg., Long Beach, and John C. Austin, Detwiler Bldg., associate, architects. Six classrooms, concrete, understructure, corridor floors and stairs, face brick exterior, brick walls, composition roofing, hardwood, classroom floors.

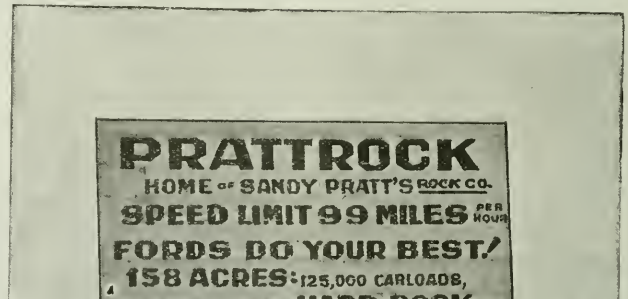
McARTHUR, Shasta Co., Cal.—Until June 10, 2 P. M., bids will be rec. by R. E. Dunlap, Clerk, Fall River Joint Union High School District, to erect gymnasium and install heating plant in same. Ralph D. Taylor, architect, Lassen Industrial Bank Bldg., Susanville. **See call for bids under official proposal section in this issue.**

TAFT, Kern Co., Cal.—Until 7 p. m., June 10, bids will be rec. by school trustees for alterations and completion of the present domestic science bldg. into a new domestic science bldg. under new units of the present high school bldg. situate in the city of Taft. W. H. Weeks, 369 Pine St., San Francisco, archt. Segregated bids will be rec. as follows: General, tile work, comp. fls., marble work, Venetian blinds, comp. rf., elec. work and fixtures, plbg. work, painting, heating and centilating, cafeteria kitchen equip. Cert. check 10%. B. Rintoul, clk of the board of school trustees.

WASCO, Kern Co., Cal.—Until June 3, 7:30 p. m., bids will be rec. by Arch R. Beckes, clerk Wasco Grammar School District, to erect kindergarten school building. Eugene K. Martin, architect, Arlington Bldg., Bakersfield. Cert. check 10% payable to secretary of district req. Plans obtainable from architect on deposit of $10, returnable.

AS IT is holiday time.
AND MOST of us.
ARE EITHER going some place.
OR COMING to some place.
TO VISIT folks.
OR HAVE a good time.
AND THEN go back home.
AND ENJOY our own bed.
SANDY PRATT, President.
OF THE Pratt Building Material Co.
DOUGLAS 300—"easy to remember."
AND PRODUCER.

OF CRUSHED rock, washed gravel.
AND CLEAN, sharp sand.
THOUGHT HE would point.
AT THE end.
OF THIS near-literature.
A PLACE where motorists.
CAN DO their best.
AND EVERYTHING.
PROVIDED THE cobbles.
ARE NOT too rough.
"I THANK you."



This sign at Prattrock, near Folsom, on the Placerville-Tahoe highway, has been read by everybody including the speed cops. Sandy Pratt, producer of sand, crushed rock, washed gravel and rock screenings, is proud of his "rock farm."

HANFORD, Kings Co., Cal.—The following bids were opened May 26, 1924, by the Clerk of the Board of Trustees of the Hanford Grammar School District for erecting a two-story reinforced concrete grammar school building:

General Contract

Alternate 1 omit 2 classrooms.

		(1) ded
P. T. Wallstrum, Turlock	$80,960	$7,000
J. S. Brown	87,500	5,165
W. J. Ochs	87,796	5,793
Zimmer & Lindsley	89,899	7,089
Cobby & Owsley	92,380	6,400
E. G. Washburn	95,563	6,008
W. K. McGinty	96,966	5,081
Jolly & Jolly	97,000	7,200

Plumbing & Heating

	Plumb	Heat
Edwin Magnuson Kingsburg	$4975	
Horlock Plow Co.	5773	$10,262
Carl T. Doell	6487	11,048
W. H. Picarde	7017	10,980
B. A. Newman Co.	6564	11,493
Latourrette-Fical	7100	11,600
Ford & Berry	5444	8,624

All bids were taken under advisement.

WILLOW GLEN, Santa Clara Co., Cal.—Bids were opened on May 24th at 8:00 P. M. by the Board of Trustees of the Willow Glen School District for the erection and completion of a two-story reinforced concrete school structure. Plans were prepared by Architects Wyckoff & White, 511 Growers' Bank Bldg., San Jose. John D. Carlson of San Jose was awarded the contract.

John D. Carlson, San Jose (Prop. 1) $90,209; (2) $86,165 (3) $88,578; (4) $88,156.

P. T. Edmans (1) $95,789; (2) $91,890; (3) $93,666; (4) $93,536.

L. C. Summers (1) $94,330; (2) $85,500; (3) $92,892; (4) $91,900.

Morrison Bros (1) $92,800; (2) $89,021; (3) deduct $1200 from Prop. 1; (4) deduct $2000 from Prop. 1; deduct $1700 from Prop. 2.

Jorgensen & Cook (1) $95,998; (2) $91,308; (3) $92,988; (4) $93,968.

E. R. Herman (1) $99,300; (2) $94,700; (3) $96,320; (4) $97,180.

Jorgensen & Tomy (1) $98,635; (2) $94,310; (3) $96,235; (4) $36,935.

J. Nommensen (1) $95,809 (2) deduct $3500; (3) deduct $1400; (4) deduct $2450.

Cobby & Owsley (1) $100,495, deduct $8000 omitting 2 rooms; deduct $1700 changing corridor from cement to wood; deduct $2055 changing tile roof to composition roof.

STOCKTON, San Joaquin Co., Cal.—Until June 11, 2 P. M., bids will be rec. by Wm. Hollenbeck, clerk, Montezuma School District, for alterations and additions to present school, bonds for which $11,000 were voted. Bids will be opened in office of Ralph P. Morrell, Architect, Stockton. Cert. check 10% payable to clerk req. Plans obtainable from architect.

NAPA, Napa Co., Cal.—Until June 9, 8, P. M., bids will be rec. by Haward E. Roper, Sect'y., Napa School District, to const. cement walks fronting Lincoln School property in Main St.

COMPTON, Los Angeles Co., Cal.—Until 2 P. M., June 7, bids will be received by trustees of Compton Union high school district for erecting new buildings and additions at Compton high school site; Alfred W. Rea and Chas. E. Farstang, 905 Trust & Savings Bldg., are the architects. The work will include two 2-room additions to the science building, each 35x58 ft., an addition 27x66 ft. to the manual arts building, a new 4-room music building, 24x64 ft., an auto shop building, 35 x60 ft., and a garage, 36x60 ft. These buildings will be of hollow tile construction, stucco exterior, composition roofing, tile cornice. There will also be a grandstand, 40x120 ft., frame and stucco construction.

RICHMOND, Contra Costa Co., Cal.—Until June 6, 3 P. M., bids will be rec. by W. T. Helms, secretary, Richmond Union High School District, to furnish among other materials machinery and manual training supplies. Cert. check $50 payable to sect'y. req. with bid.

BERKELEY, Alameda Co., Cal.—Until June 3, 4 P. M., bids will be rec. by Clyde Blanchard, Sect'y., Board of Education, to erect 2-room temporary frame school at Cragmont School, Spruce and Marin Ave.; to erect 2 temporary frame schools at Garfield school, Grant and Rose Sts.; to remodel garls' toilet room in basement of Whittier school, Virginia and Milvia Sts., and to erect fire escapes at Emerson school, Piedmont and Forest Aves. Cert. check 10% payable to Board of Educ. req. Plans obtainable from Secty'y., 2133 Allston Way, Berkeley.

YUBA CITY, Sutter Co., Cal.—Until June 5, 6 P. M., bids will be rec. by Louis Rockholt, clerk, Yuba City Grammar School District, for plumbing work in connection with schools. Plans obtainable from clerk.

LONG BEACH, Los Angeles Co., Cal.—W. G. Reed, 815 Pacific S. W. Bldg., Long Beach, was awarded the general contract at $119,400 for erecting the new Whittier city school unit in Long Beach. Other awards were: Hickmon Bros., plumbing, $8759; R. E. Swan, painting, $6100; Hickman Bros., heating and ventilating, $11,663; W. G. Reed, plastering, $13,800; Jensen Elec. Co., wiring, $4485. George M. Lindsay, Laughlin Bldg., Los Angeles, and Harvey H. Lochridge, Maxwell Bldg., Long Beach, architect and engineer. Sixteen classrooms, 450-seat auditorium. Brick walls, tile and composition roof, art trone trim, oak, cement and linoleum floors, concrete understructure, tile and marble toilet finish, steam heat.

JEROME, Ariz.—Jay J. Garfield Construction Co., Phoenix, has been awarded the general contr. at $79,700 for building the new elementary school bldg. for Jerome school dist. No. 9, Yavapai county. Other contracts awarded are: Plbg. and heating to M. F. Dicus, Phoenix, as follows: Heating, $9696, including htg. system in the school administration bldg.; plbg. $5600 painting to F. E. Jordan, Jerome $3475; elec. contract to New State Elec. Co., Phoenix, $3689. Lescher & Mahoney, Phoenix, archts.

FRESNO, Fresno Co., Cal.—Board of Education takes bids shortly to install sprinkler system over stage in Fresno high school, also changes in mechanism of asbestos curtain and widen lower portions of fire escapes.

HUNTINGTON PARK, L. A. Co., Cal.—Until 8 p. m., June 3, bids will be rec. by trustees of the Huntington Park city school dist., for the construction of bldgs. as follows:

Irvington Ave. school—2-sto., 4-rm. brick annex; bids to be taken on (1) general and (2) heating contract.

Miles Ave. school—1-sto., 4-rm, brick annex; bids to be taken as follows (1) general, (2) heating.

South Gate school—1-sto., 12-rm. tile stucco annex; bids to be taken as follows: (1) general, (2) plumbing, (3) heating.

Pacific school—1-sto., 2-rm. brick annex; bids to be taken as follows: (1) general, (2) heating.

Separate bids are to be submitted on each bldg. Plans and spec. have been prepared by the archt, Arthur W. Angel, and are on file at his office, 3404½ Whittier Blvd. Deposit $10 for plans. Cert. check or bond 5%. Bids will be opened at 632 East Irvington Ave., Huntington Park. Reba V. L. Leonard, clerk.

SAN RAFAEL, Marin Co., Cal.—Until June 9, 12, M., bids will be rec. by Mary F. Seymour, clerk, Tamalpais High School District to fur. electrical materials, mill work, plumbing supplies and labor, piping material for steam heat, painting, labor on electrical work, roofing tile, glass and glazing. Bond of 50% of contract price req. of successful bidder. Further information obtainable from clerk.

HUNTINGTON BEACH, Los Angeles Co., Cal.—Architect John C. Smith, 325 I. W. Hellman Bldg., is preparing plans for a domestic science and cafeteria building to be erected east of the old building on 14th St., Huntington Beach, for the Huntington Beach grammar school. One story, 50x165 ft., brick walls, terra cotta trim, structural steel, composition roofing, tile sinks, composition floors, O. P. trim, concrete walks.

BANKS, STORES & OFFICES

Construction Under Way.
ADDITIONS Cost, $30,000
SAN FRANCISCO, Corner Grant Ave. and Maiden Lane.
Additions and alterations to 3-story store bldg. (10 elevated stores).
Owner—M. Walsh and D. Bush.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Plans Being Prepared.
STORE & OFFICE BLDG. Cost, $60,000
SAN FRANCISCO, Market St. near 8th.
Five-story reinforced concrete store & office building.
Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Plans Being Prepared.
STORE BLDG Cost $10,000
SAN FRANCISCO, Monterey Blvd. bet. Foster and Tennessee Sts.
One-story frame store bldg.
Owner—R. Mohr & Sons, Pacific Bldg., San Francisco.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Plans Being Prepared.
STORE FIXTURES Cost, $10,000
LOS ANGELES, 818 S Broadway.
Owner—Sherman Music Co.
Architect—Vernon Houghton, 275 Post St., San Francisco.

DURO
California Cedar Products Co.

All-Key Plaster Lath
(Patented)
100% Mechanical Key.

Plaster Wall Board
(Patent applied for)
The Last Word in Wall Board.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

Contract Awarded.
STORES Cost, $10,640
SAN FRANCISCO, Fillmore Street.
One-story reinforced concrete (2) stores.
Owner—H. M. Seigler.
Architect—S. Helman, 57 Post St., San Francisco.
Contractor — W. G. Martinelli, 2232 Jones St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $12,000
FRESNO, Cherry and Railroad Aves.
Alterations to building.
Owner—Rosenberg Bros., Cherry and Railroad Aves., Fresno.
Contractor — Trewhitt-Shields, Rowell Bldg., Fresno.

Plans Being Figured.
ALTERATIONS Cost, $15,000
SAN FRANCISCO, Fillmore and Sacramento Sts.
Alterations to store building.
Owner—Withheld.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

To Be Done By Day's Work.
STORES & OFFICES Cost, $85,000
SAN FRANCISCO, N Market 225 E Marshall Square.
Four-story and basement reinforced concrete stores and offices.
Owner—W. B. Wagnon, 325 Bush St., San Francisc.
Architect — Rousseau and Rousseau, 1171 Market St., San Francisco.

Bids Rejected—Day Work.
BANK Cost, $20,000
YUBA CITY, Sutter Co., Cal., Plumas and Scott Streets.
One-story brick and reinforced concrete bank.
Owner — Producers Bank of Sutter County, Alvin Weis, President, Yuba City, Cal.
Architect—Dean & Dean, City Library Bldg., Sacramento.
This job was previously reported as being awarded to Marysville contractors Upon reconsideration of the bids the directors decided to have the work carried on by the architects who will employ a superintendent to let subcontracts on the work.

Contract Awarded.
STORE BLDG. Cost, $30,000
BURLINGAME, San Mateo Co., Cal., Burlingame Ave. W of Main St.
One-story concrete store building (2 stores).
Owner—W. Cranston.
Architect—J. H. Powers & John Ahnden, 460 Montgomery St., S. F.
Contractor—Cahill Bros., 110 Sutter St., San Francisco.

Completing Plans.
TELEPHONE BLDG. Cost, $300,000
BERKELEY, S Bancroft Way, between Shattuck Ave. and Fulton St.
Four-story class A reinforced concrete telephone building.
Owner—Pac. Tel. & Tel. Co.
Architect—E. V. Cobby, Shreve Bldg., San Francisco.

Sub Contract Awarded.
GEN. OFFICE BLDG. Cost, $72,132
SAN FRANCISCO, E Market & Beale.
Electric wiring for new general office building.
Owner—Pac. Gas & Elec. Co., 445 Sutter St., San Francisco.
Contractor — Butte Electric Co., 530 Folsom St., San Francisco.

Plans Being Prepared.
STORE BLDG. Cost, $—
OAKLAND, Adeline near 26th St.
One-story and mezzanine concrete store building.
Owner—Arrow Towel & Laundry Co., Oakland.
Architect—Not selected.

TUCSON, Ariz.—At a meeting of the property owners along East Pennington St. in the office of Harold Steinfeld to consider the widening of the above street, it was reported that a 6-story office bldg. at the s.w. cor. of Stone and Pennington Sts. is being planned contingent on the widening of the street.

LOS ANGELES, Cal.—Archt. John M. Cooper, 321 Marsh-Strong Bldg., has been commissioned to prepare plans for a 10-story store and loft bdg. to be erected on Los Angeles St., bet. 10th and 11th Sts., for the Klein-Norton Co. Dimensions, 60x150 ft., reinf. conc. construction, press. brick facing, cem. flls., steam htg. sys., pine trim; there will be several stores on first floor with lofts above; $210,000.

LOS ANGELES, Los Angeles Co., Cal. —Architects Morgan, Walls & Clements, 1124 Van Nuys Bldg., have completed plans for a two-story Class C store and loft building to be erected at the southwest corner of 16th and Hill Sts., for National Automobile Insurance Co. Dimension, 100x100 feet, brick walls, stucco exterior, cast stone trim, plate glass windows, steel beams, composition roofing, metal skylights, pine trim, cement and wood floors. Bids are being taken.

LOS ANGELES, Cal.—Archts. Morgan Walls & Clements, 1124 Van Nuys Bldg. have prepared plans for adding an additional story to the building at 716 S Broadway for M. A. Newmark. Brick constr., struc. steel, steel sash, elevators; $30,000.

PITTSBURG, Contra Costa Co., Cal. —Mrs. Locilla Puccio awards contract to G. E. Seeno, Pittsburg, at approx. $15,000 to erect one-story brick (2) stores in Railroad Ave. near Third St.

MONROVIA, L. A. Co., Cal.—Joseph F. Rhodes, 113 N Vermont Ave., has prepared plans and has the contract to erect a 2-story brick store and office bldg. at the cor. of Lime and Myrtle Aves., Monrovia, for Thomas Neville. Dimensions, 53x138 ft., 4 stores, 22 offices; brick construction, press. brick facing, plate glass windows, steel beams, pine trim, ga srads., water htr.; $50,000.

REDDING, Shasta Co., Cal.—Until June 23, 2 P. M., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to erect one-story and part basement, 50 by 80 ft., stucco division office building. R. M. Morton, State Highway Eng. **See call for bids under official proposal section in this issue.**

VALLEJO, Solano Co., Cal.—John Sullivan, Vallejo, at approx. $15,000 awarded contract to erect one and one-half-story (mezzanine floor) reinforced concrete store at NE Georgia and Sacramento Sts., 50x50 ft., for Aden & Harrier. Construction will be started at once.

SAN PEDRO, Los Angeles Co., Cal.— C. R. Butterfield, 700 W. 8th St., has the contract and has started work on excavation for a two-story brick and concrete building on 7th St., between Center and Mesa Sts., for Lazard Lippmann, who will lease the building to the federal government for a post office. The building will cost $80,000.

LOS ANGELES, Los Angeles Co., Cal. —Chisholm, Fortine & Meikle, 509 S. Western Ave., have the contract to erect a two-story Class C restaurant building at the southeast corner of 5th St. and Western Ave., for Adolphe Friedman. S. Charles Lee, 329 Douglas Bldg., is the architect. Two-story, 60x140 ft., brick walls, tile roofing, cast stone trim, concrete and hardwood floors, plate glass.

LOS ANGELES, Los Angeles Co., Cal. —Architect Chas. F. Plummer, 1108 Story Bldg., has completed plans for a Class B cafeteria building to be erected at 534 S. Hill St. for Boos Bros. It will be erected on the south 60 ft. of the property and the south half of the present building will be wrecked, the other section to be used as cafeteria while the new building is under construction. Brick walls, 3-story and basement, 60x115 ft., reinforced concrete first floor and basement, pressed brick and plaster front, composition roofing, structural steel, plate glass, maple and concrete floors, electric elevator, steam plant for cooking and steam tables, steel sash; the interior will be of Italian architecture with beamed ceiling and oak paneling. The building is being wrecked by day labor and the new building will probably be erected by day labor and sub-contract.

LOS ANGELES, Los Angeles Co., Cal. —Richards-Neustadt Co., 804 Trust and Savings Bank Bldg., has the contract on a cost plus basis for the altering of the south half of a 4-story store and loft building, at 727 S. Broadway, for the Wetherby-Kayser Shoe Co. Chas. F. Plummer, 1108 Story Bldg., is the architect. The work will consits of new show windows, new hardwood and tile floors, 24x150 ft., plate glass, metal store fronts, electric wiring, plastering, hardwood and pine fixtures, painting and decorating. Elevator has been awarded to Otis Elevator Co., 300 E. 8th St.

THEATRES

Sketches Being Prepared.
THEATER Cost, $300,000
BERKELEY, Bancroft Way, opposite Union St.
Class A theatre.
Owner—A. E. Atkins.
Architect—W. N. Ratcliff, First Natl. Bank Bldg., Berkeley.

MARICOPA, Kern Co., Cal.—Fred Gribble, 1200 17th St., Bakersfield, awarded contract by D. D. Heagerty, Maricopa, to erect brick theatre building in California street; will be 150 by 100 ft. Foundation work has been started.

Sub Contracts Awarded.
THEATRE & STORE Cost, $45,000
SAN FRANCISCO, S Third St., 41-3 N of Quesada St.
Class A theatre and store building (cement exterior and tile roof).
Owner—Otto Roeder.
Architect—Chas. Strothoff and Gustave Stahlberg, 2274 15th St., S. F.
Contractor—S. Rasori, Williams Bldg., San Francisco.
Plumbing awarded to E. Sugarman, 3624 Geary St., S. F.
Electrical work to Paul Butte, 956 Folsom St., S. F.
Heating to Atlas Heating & Ventilating Co., 557 4th St., S. F.
As previously reported, the structural steel was awarded to Central Iron Works, 2050 Bryant St.; reinforcing steel to W .S. Wetenhall Co., NE 17th and Wisconsin Sts., S. F. and miscellaneous items to Michel & Pfeffer, 1415 Harison St., San Francisco.

GLENDALE, Los Angeles Co., Cal.—Permit has been issued and work has been started on a two-story reinforced concrete theatre, store and office building fronting on both Brand Blvd. and Maryland Ave., between Wilson and California Sts., Glendale, for Glendale Theatre Co., Knickerbocker Bldg., Los Angeles; A. G. Lindley and Chas. Selkirk, architect and engineer, 800 American Bank Bldg., Los Angeles; Kinne & Westerhouse, contractor, H. W. Hellman Bldg., Los Angeles; terra cotta and pressed brick facing on street fronts, marble and tile work, staff ornamentation, heating and ventilating systems. Cost, $216,000.

VAN NUYS, L. A. Co., Cal.—B. R. Shacklett, 417 Sherman Way, is to remodel his bldg. at that address for a motion picture theater, seating 1000. The lobby will be 35x25 ft. with 2 shops Est. cost of work, $50,000.

WATTS, L. A. Co., Cal.—Charles S. Woods has announced plans to erect a $100,000 theater bldg. on N Long Beach Bvld. in the 700 block. Mr. Edward Pallette is the owner of the property and will call for bids shortly on the theater bldg.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Prepared.
COMMISSION HOUSE Cost, $25,000
OAKLAND, Clay St.
Two-story and basement class C steel and brick commission house.
Owner—Withheld.
Architect—Leonard H. Ford, care East Bay Planners 306 14th St., Oakland.

Work Drawings Being Prepared .
SWIMMING POOL Cost, $20,000
LINCOLN, Placer Co., Cal.
Municipal swimming pool, of concrete and tile construction.
Owner—Town of Lincoln (to be donated to the city by Athol McBean in memory of his father).
Architect—Dean & Dean, Calif. State Life Bldg., Sacramento.

LOS ANGELES, Cal.—Until 2:30 p. m. June 6, bids will be rec. by harbor comm., 312 Byrne Bldg., for 14,000 gal. gasoline tank for supply yard; spec. 617. J. G. Starr, secy.

SACRAMENTO, Cal. — Construction will be started at once by the Pratt Rock and Gravel Co., Hearst Bldg., San Francisco, on a rock and sand bunkers in A Street, Sacramento. Bunkers will have capacity of 1500 tons. Concrete pit, 21-ft. deep, will be constructed under tracks and automatic elevator and belt conveyors will be installed. The ultimate expenditure in the improvements will be $25,000.

BAKERSFIELD, Kern Co., Cal.—Richfield Oil Co. is preparing to rebuild refinery plant recently destroyed by explosion and fire, with a loss of almost 2,000,000 gals. refined oils. Eight out of 57 tanks were saved. The approximate loss was $300,000. C. M. Fuller, Pres., Los Angeles, and A. M. Kelley, Dist. Mgr.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 818 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

8250 — United Kingdom. A firm of British manufacturers is desirous of finding a market in this district for the sale of sirens, signalling horns, and megaphones, for private and public service use also whistles suitable for police, railways, sports and general purposes.

8259—Mexico, D. F. Commission merchant desires to establish arrangements with San Francisco exporters to assist them in marketing their products in Mexico.

8260—Mexico, D. F. Firm desires to buy complete machinery for handling and packing shrimp and requests interested machinery supply houses to communicate with it at once.

8262—San Francisco. Party going to Europe in June via principal Eastern Cities, will transact business of any nature either in the United States or Europe on reasonable compensation.

8264—San Francisco. Swedish gentleman speaking English, German and French, with wide experience as purchasing agent and construction manager in foreign countries desires a position with a local import or export house. Opportunity to develop is desired more than large remuneration.

8265—San Francisco. Gentleman with experience and connections in Australia, New Zealand and United Kingdom markets desires to make arrangements with San Francisco producers to act as their direct sales representative abroad.

8266—Sydney, Australia. An active agency desires to represent manufacturers of radio apparatus. Small sets are especially desired.

D-1258—Sacramento, Cal. Party desires to get in touch with concerns on the Pacific Coast making rubber door mats with inlaid lettering.

D-1261—San Francisco. Long established, good paying brush business can be secured for a reasonable figure.

D-1263—Minneapolis, Minn. Firm desires to get in touch with established factory representatives who would be interested in representing its product which is a portable saw.

D-1265—Lowell, Mass. Manufacturing concern wishes to make arrangements with some reliable company in San Francisco to distribute its goods to San Francisco trade and forward shipments.

D-1266—Galveston, Texas. Manufacturers of Texas Star Flour are desirous of securing a representative for the Pacific Coast territory. Prefer established jobbers.

SUBSCRIPTION BLANK

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.....192.....

TO BUILDING AND ENGINEERING NEWS,
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Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Official Proposals

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO BIDDERS

(Fall River Joint Union High School District)

The Board of Trustees of the Fall River Joint Union High School District will receive sealed proposals at or before **2 P. M., Tuesday, June 10th, 1924,** at the High School Building, McArthur, Shasta County, California, at which time and place bids will be opened in public for the furnishing of material and labor for the complete erection of a Gymnasium Building and installation of a Heating Plant at McArthur, California, all in accordance with Plans and Specifications prepared by Ralph D. Taylor, Architect, Susanville, California.

All bids must be accompanied by a certified check for 10 per cent or more of the amount of the proposal. In case this proposal is accepted, in whole or in part, and the bidder fails to execute a contract for the performance of said work, and a bond of sufficient sureties in the sum of 50 per cent of the amount of the contract to secure the faithful performance thereof, within fifteen days after such acceptance, then this certified check shall be retained by the Board of Trustees of the Fall River Joint Union High School District as liquidated damages for the failure to carry out this proposal. Such contract and bond shall be in such form and of such contents as shall be satisfactory to the Board of Trustees of said Fall River Joint Union High School District.

All bids shall be made out on forms furnished with Plans and Specifications, which may be obtained from Raph D. Tayor, Architect, Susanville, California, or from R. E. Dunlap, McArthur, California, Clerk of said Board of Trustees.

A deposit of Ten Dollars will be required from all contractors receiving plans—said deposit to be refunded when plans and specifications are returned in good condition.

The Board of Trustees reserves the right to reject any or all bids and to waive any informality in any bid received.

By order of the Board of Trustees of the Fall River Joint Union High School District, McArthur, California.

By R. E. DUNLAP, Clerk.
McArthur, California.

Dated May 17th, 1924.

NOTICE OF EXTENSION OF TIME FOR OPENING BIDS

Some Contractors who are planning on putting in a bid on the Gymnasium Building at McArthur, California, for which the Board of Trustees have advertised to open bids on Tuesday, June 10th, 1924, have asked for a longer period of time in which to figure the job. Accordingly the Board of Trustees hereby extend the time for opening of bids one week, bids to be opened **Tuesday, June 17th, 1924, at 7:30 p. m.**

By order of the Board of Trustees,
R. E. DUNLAP, Clerk.
McArthur, California.

Dated May 24th, 1924.

NOTICE TO CONTRACTORS

(Hawthorne School — Oakland School District)

Office of the Secretary of the Board of Education of the City of Oakland.

Notice is hereby given that the Board of Education of the City of Oakland and of the Oakland School District of Alameda County, hereby calls for sealed proposals to be delivered to the Secretary of said Board, Room 211, City Hall, Oakland, California, **until Thursday, the 5th day of June, 1924, at 4:30 o'clock P. M.,** at which time said bids will be opened, for the erection and completion of the Hawthorne School Building, of the Oakland School District, located on property described as Lots Nos. 1 to 13, also Lot No. 29, as said Lots are designated upon a certain map entitled "Map of Sanborn Tract, Brooklyn Township, Alameda County, State of California, 1909." Said property faces the intersection of East 17th Street and 29th Avenue, City of Oakland, County of Alameda, State of California. These bids shall be presented in accordance with plans and specifications for said building on file in the office of the Secretary of the Board of Education, City Hall, and in the office of the Superintendent of Buildings, School Shops, 2330 Market Street, Oakland, California.

On a deposit of Twenty-five ($25) Dollars, complete sets of **plans and specifications** may be had by any bidder on application to the Superintendent of Buildings at his office hereinbefore mentioned, and in each case shall be returned within ten (10) days after securing same to the Superintendent of Buildings. If the plans and specifications are not returned within said time, or if mutilated, the said deposit shall be retained by the said School District as agreed and liquidated damages for said mutilation or detention.

Bids must be made on proposals obtained at the office of the Superintendent of Buildings, and be signed by the bidder, and accompanied by a certified check, certified to by some **responsible bank or banker,** and made payable to J. W. Edgemond, Secretary of the Board of Education of the City of Oakland and of the Oakland School District, to be retained by said School District as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract, or any bond required by law. The amount of said check shall not exceed Five Thousand ($5000) Dollars, but for all bids of less than Fifty Thousand ($50,000) Dollars, said check shall be for at least ten (10%) per cent of the amount of the bid. Each bidder shall execute the affidavit accompanying the proposal obtained from the Superintendent of Buildings.

Bids will be opened by the Board of said District on Thursday, the 5th day of June, 1924, at **4:30 o'clock P. M.,** in the Board Room, 211 Second Floor, of said City Hall, in said City of Oakland. The Board reserves the right to reject any and all bids or any or all items of such bids.

J. W. EDGEMOND,
Secretary of the Board of Education of Oakland, California.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

NOTICE TO CONTRACTORS

(Palo Alto City School District)

The Board of Education of the Palo Alto City School District County of Santa Clara, State of California, invites and will receive sealed proposals up until **7:30 P. M., June 12, 1924,** at the office of the said Board at 549 Channing Avenue, Palo Alto, Calif., at which time and place said bids will be opened and read in public, for furnishing the required labor and materials for building the proposed new Elementary School on Block 81, City of Palo Alto, in accordance with plans and specifications prepared therefor by Allison & Allison, 1405 Hibernian Building, Los Angeles, California, and Birge M. Clark, Palo Alto, California, Associate Architects. Bids will be received separately for the different segregated contracts as follows:

Contract No. 1. Excavating, Concrete, Carpenter, Iron, Masonry, and Cast Stone Work.
Contract No. 2. Sheet Metal Work.
Contract No. 3. Composition Roofing.
Contract No. 4. Tile Roofing.
Contract No. 5. Plastering.
Contract No. 6. Blackboards.
Contract No. 7. Painting.
Contract No. 8. Hardware.
Contract No. 9. Plumbing.
Contract No. 10. Electric Work.
Contract No. 11. Electric Clocks anl Program Bells.
Contract No. 12. Heating and Ventilating.

Cashier's or certified check or bidder's bond. for an amount not less than five per cent (5%) of amount of bid must accompany each proposal, drawn to the order of A. C. Baker, Secretary of the Board of Education, Palo Alto School District, as a guarantee that the bidder will, after being notified of the acceptance of his bid, enter into a contract with the Boord of Education of said School District in accordance therewith, and will furnish the surety bonds as required by the specifications, said check or bond to be forfeited to the said School District should the bider fail to execute contract and furnish bonds as above mentioned.

All bids are to be made out on forms furnished by the Architects.

Plans and specifications for all the above work may be seen and secured at the offices of the Architects.

A deposit of $25.00 will be required from all contractors receiving plans., said deposit to be refunded when plans and specifications are returned in good condition.

The Board of Education reserves the right to reject any or all bids and waive any informality in any bid received.

By the order of the Board of Education of the Palo Alto City School District, Palo Alto, Calfiornia.

A.C.BARKER,
Secretary.

Palo Alto, California,

NOTICE TO CONTRACTORS

(Lincoln School Addition—Alameda)

Notice is hereby given that sealed bids will be received by the Board of Education of the City of Alameda, County of Alameda, California, at its office in the Alameda City Hall **until 8 P. M., June 10, 1924,** at which time said bids will be opened for the construction of a two-story and basement addition to the Lincoln School in the block bounded by Central Avenue,

ound Street, Van Buren Street and urt Street in the City of Alameda. Bids will be received on each of the lowing departments of work, or on y two or more combined depart-ents:

Department 1. Excavating, Concrete ork, Brick Work, Etc.
Department 2 Miscellaneous Steel d Iron Work.
Department 3. Carpenter Work, asterING, Painting, Etc.
Department 4. Plumbing Work.
Department 5. Electrical Work.
Department 6. Heating and Ventilat-g Work.

Complete plans and specifications each of these departments of work epared by Henry H. Meyers, archi-t, are on file and open to inspec-n in the office of the Board of ucation in the City Hall of Ala-da. Copies of said plans and speci-ations may be obtained by deposit-g with the architect or the Secretary the Board of Education the sum of 0.00. Contractors will be restricted to the length of time they may re-in these plans and specifications as llows:

Departments 1 and 3 ten days; de-rtments 2, 4, 5 and 6 six days. Ma-rial men and sub-contractors who cure these plans by making the said posit will be restricted to three days nc for each of said departments.

ontractors, sub-contractors and ma-rial men failing to return said plans d specifications within the said time nit forfeit their deposits to the said oard of Education of Alameda.

Each bid must be made on pro-sals obtained from the Secretary of e Board of Education and must be gned by the bidder, accompanied by s certified check for at least ten per nt (10%) of the amount of the bid proposal, certified to by some re-onsible bank or banker and made yable to the City of Alameda to be tained by said City as agreed and quidated damages should the party parties to whom the contract should e awarded fail to enter into the con-act after the award or to give the ond required for the faithful per-rmance of the contract or any bond quired by law.

Bids will be opened by the said oard of Education of Alameda on ne 10, 1924, at the hour of 2 P. M. the office of the Board of Education the City Hall of Alameda.

The Board reserves the right to re-ct any and all bids on any or all ems of such bids.

Dated May 20, 1924.

C. J. DU FOUR,
ecretary of the Board of Education of the city of Alameda.

NOTICE TO CONTRACTORS

Yuba Pass National Forest Highway)

Sealed proposals for constructing the bove-named National Forest High-ray, located partly within the Tahoe ational Forest, County of Sierra, State f California, will be received by the District Engineer, Bureau of Public oads, U. S. Department of Agriculture, t 400 Bay Building, 9 Main Street, San rancisco, California, until **9 o'clock A. M. on the 11th day of June, 1924,** at which time and place they will be pub-icly opened and read. The right is re-erved to reject any and all bids and one will be considered except those rom contractors ascertained to be ex-erienced and responsible.

The project to be constructed con-sists of a section of the Yuba Pass oad between Gold Lake Junction and he town of Sattley. The length of the roject is approximately 15.0 miles and he principal items of work are as fol-ows:

Clearing 103 Acres.
Excavation, unclassified, 129,415 cu. yds.
Corrugated Metal Pipe, 3486 lin. ft.
Class A Concrete, 135 Cu. Yds.
Class C Concrete, 253 cu. yds.
Reinforcing Steel, 13,426 Lbs.
Cement Rubble Masonry, 100 cu. yds.
Crushed Rock Surfacing, 6670 cu. yds.

Construction shall be started within ifteen days after notice so to start as been given the contractor by the District Engineer, and shall be com-pleted within 200 weather working days after said notice to start con-struction has been given.

The contract form, maps, plans and specifications may be examined by responsible contractors at the following addresses:

400 Bay Building, 9 Main Street, San Francisco, Calif.
Forest Supervisor, Nevada City, California.

The Bureau of Public Roads will furnish corrugated metal culvert pipe at Calpine, California. The Bureau has also available for loan to contractors on a rental basis equipment at Government Island, Oakland, California, as listed in the specifications. Bidder will state in his bid the Government equipment that he will use during construction and the minimum time required. The estimated rentals will be taken into consideration and award will be made on the bid to the best advantage of the Government. Government explosives are available according to the terms of the specifications.

Plans and specifications will be furnished contractors, who contemplate bidding, on a showing of financial ability and experience and upon deposit of a check for $10.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms furnished by the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications referred to.

C. H. SWEETSER,
District Engineer.

May 25, 1924.

NOTICE TO CONTRACTORS

(Woodland High School District)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Woodland High School District, Yolo County, State of California, in the present Grammar School Building in Woodland, at **2 P. M., on the 21st day of June, 1924,** for the following work in connection with the new High School Building, to be erected in the City of Woodland, California, according to plans and specifications prepared for the same by W. H. Weeks, Architect.

Bids will be received as follows:

The General Contract with its alternate propositions.
Plumbing Work.
Electric Work.
Window Shades.
Venetian Blinds.
Linoleum.
Heating and Ventilating.

Plans and specifications may be seen at the office of the Architect, W. H. Weeks, 369 Pine Street, San Francisco, California, or at the office of the Principal of the High School in Woodland, California.

All bids should be presented on bid forms furnished by the Architect. Each bid must be accompanied by a certified check on some responsible California bank in a sum not less than Five Per Cent (5%) of the amount bid, made payable to President of the Board of Trustees of the Woodland High School District, for the purpose stated in specifications.

Each bid must be delivered in sealed envelope and addressed to Wm. M. Hyman, Clerk of the High School Board of Trustees, and endorsed: "Proposal for New High School Building."

The Board reserves the right to reject any and all bids.

(Signed) J. L. HARLAN,
President of the Board of Trustees of the Woodland High School District, Woodland, California.

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of The California Highway Commission, 515 Forum building, Sacramento, Cal., **Until 2 o'clock P. M. on June 23, 1924,** at which time they will be publicly opened and read, for construction, in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows: San Joaquin County, between Westerly Boundary and Banta (X-S. J.-5-A), about eight and one-tenth (8.1) miles in length ,to be paved with asphalt concrete.

Plans may be seen and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated May 26, 1924.
(May 31, June 6-13-20)

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, California, until two o'clock P. M., on June 23rd, 1924,** at which time they will be publicly opened and read, for construction, in accordance with plans and specifications therefor, of a Division Office Building, in the City of Redding, County of Shasta, California.

The building will be a one-story frame structure 50'-0" x 80'-0" with basement under part and blueprint room on roof. The exterior will be stucco and the interior will be plastered and finished. Bids will be received for all work complete.

Cash, a bidder's bond, made payable to the State of California, or a certified check to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

Plans and specifications may be had upon application to the California Highway Commission, 515 Forum Building, Sacramento.

A deposit of Twenty-five ($25.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of plans and specifications to the said Commission in good condition.

Bids must be on forms prepared by the Commission. Attention of bidders is called to "Instructions" on proposal form for full directions as to bidding.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: May 26th, 1924.
(May 31, June 6-13-20)

Engineering News Section

BRIDGES

SAN JOSE, Sanea Clara Co., Cal.—County Surveyor Robt. Chandler instructed to prepare spec. for rein. conc. bridge on Watsonville Rd. over Little Arthur Creek, Supervisor Dist. No. 1.

LOS ANGELES, Cal.—Until 2 P. M., June 16, bids will be rec. by supervisors to const. wooden bridge consisting of one 50-ft. span, (20-ft. roadway), on Glendora Ave., over Big Dalton Wash in Road Foreman's Division No. 108. Plans on file at office of Clerk, Mame B. Beatty. Cert. chk. or bond, 10%.

MARIN-SONOMA COUNTIES, Cal.—Jenkins & Elton, Sacramento, at $4768 awarded contract by State Highway Commission to clean and paint bridge over Petaluma Creek. Engineer's estimate, $5400.

VENICE, Cal.—Until 8 P. M., June 3, bids will be rec. by city trustees to const. wooden foot bridges over the Grand Canal, Carroll Canal and Eastern Canal. T. H. Hanna, City Clerk.

EUREKA, Humboldt Co., Cal.—Until June 10, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, for following projects:

Const. 1000 ft. conc. retaining wall and conc. culvert at Morgan Point on Petrolla-Capetown road; also 500 ft. log retaining wall at Devil's Gate on same road, all in Rd. Dist. No. 1.

Const. wooden bridge with concrete abutments across Price creek In Rd. Dist. No. 1.

Const. 18-ft. span wooden trestle bridge across Oil Creek in Rd. Dist. No. 1.

Const. rein. conc. culvert on Hansen's Creek in Rd. Dist. No. 4.

Cert. check 5% req. with bid on each project. Plans obtainable from County Surveyor A. J. Logan.

DEL NORTE COUNTY, Calif.—Following bids rec. May 26 by State Highway Commission, Forum Bldg., Sacramento, to const. bridge over Klamath River near Requa, Del Norte county, consisting of five 210-ft. conc. arch spans and two 50-ft. conc. approach spans.

H. E. Doring, Portland, Ore.	$354,685
F. Rolandi	391,740
A. H. Tillman Co.	392,420
Mercer & Fraser	415,420
West Coast Constr. Co.	449,850
Healy Tibbetts Co.	461,585
Waite & Willet	559,595
Engineer's estimate	422,469

SACRAMENTO COUNTY, Cal. —Following bids rec. May 26 by State Highway Commission, Forum Bldg., Sacramento, to re-floor and paint a bridge over Dry Creek near Galt. Structure consists of 9 steel spans of 80-ft. each

	Type A	Type B
Davison & Nicolsen, 336 W Lafayette, Stktn	$16,436	$15,995
M. B. White		12,252
R. C. Tumelty	16,947	16,947
Harlan & North		16,924
Jenkine & Elton		16,986
J. L. Webster		17,945
Grant & Hart	18,238	17,858
H. Victory	19,238	19,238
Theo. M. Maino	19,650	19,650
F. E. Fawcett	20,425	18,814
Engineer's estimate	24,438	24,438

LOS ANGELES, Cal.—W. M. Ledbetter & Co., 5399 Alhambra Ave., submitted low bid to supervisors at $11,180 to const. bridge on Olive Ave. over the Los Angeles river, in Road Foreman Div. No. 407. Other bids were: E. G. Perham, $12,500; Mercereau Bridge & Constr. Co., $12,873; Frank H. Greene, $12,892; Chas. and Geo. K. Thompson, 701 Brockman Bldg., $13,500; Murdock & Condee, 1855 W 21st St., $14,617; Robert Beyrle, 957 E 23rd St., $14,700.

PASADENA, Cal—Until 10 a. m. June 2, bids will be rec. by city directors to const. rein. conc. highway bridge over Arroyo Seco on Linda Vista Ave. Plans on file at office of city engr., W. C. Earle. Cert. check 10% Paul H. Ehlers, 1959 N Raymond Ave., Pasadena, was previous low bidder at $57,700. Bid was rejected.

SAN JOSE, Santa Clara Co., Cal. — Plans and specifications for proposed three bridges to be constructed by the city for which bonds of $150.000 were voted, have been completed and presented to the City Planning Commission for approval. One structure will be erected over Guadalupe river, another over Los Gatos Creek and the third over Los Gatos Creek in San Carlos St. It is expected the plans will be approved by the planning commission to permit opening of bids for construction on June 22. Wm. Popp, city eng.

MARTINEZ, Contra Costa Co., Cal.—County Surveyor R. R. Arnold completing spec. for three wooden bridges in Moraga district and one near Walnut creek. Two will be constructed on Moraga-Redwood Canyon road; one on Moore Canyon road and fourth on Rudgear road south of Walnut Creek.

HEALDSBURG, Sonoma Co., Cal. — R. Press Smith, Santa Rosa, at $3040 submits low bid to city trustees to const. rein. conc. bridge over slough at south entrance to city. Other bids: L. Lambretti, $3985; E. J. Heitz, $3727; C. H. Gildersleeve, $3700; Proctor and Cleghorn, $3098; will be 50 ft. long, 25 ft. wide, involv. 125 cu. yds., rein. conc. Taken under advisement.

SAN BERNARDINO CO., Cal.—Following bids received May 28th by Dist. Engr., U. S. Bureau of Public Roads, 9 Main St., San Francisco to construct bridge over Big Bear Lake Dam in Angeles National Forest San Bernardino County:

Frank Bryant, 2911 23rd St., San Francisco	$31,013.00
De Waard & Sons	32,986.60
McKay Engineering Co.	34,309.60
Wm. Ledbetter	37,370.00
Greene Construction Co.	45,655.00
Rocca & Coletti	46,814.00
Gibbons & Reed	55,905.00
Engineer's estimate	28,663.00

SACRAMENTO, Calif.—Jenkins and Elton, 36th and Y Sts., Sacramento, at $15.930 awarded cont. by State Reclamation Board to const. 7 wooden bridges along borrow pit of Sutter By-Pass in Sutter county. The bid was on a cash payment basis. Engineer's estimate for work was $28,250.

Carbide Flare Lights
OxyAcetyleneEquipment
Goggles—Respirators
First Aid Supplies
Carried in stock
E. D. BULLARD
565 HOWARD STREET
San Francisco, Calif.
Douglas 6320

SAN BENITO COUNTY, Cal.—As pre viously reported, bids will be rec. b State Highway Commission, Forum Bldg., Sacramento, June 16, to cons rein. conc. bridge in San Benito count over San Juan creek near San Jua Bautista, consisting of two 15-ft. an one 30-ft. spans on conc. bents. Projec involv. 126 cu. yds. class A cem. conc 213 hundredweights rein. steel; 200 cu yds. excavation for structure. R. M Morton, state highway engineer.

STOCKTON, San Joaquin Co., Cal.—Jenkins and Elton, 36th and Y Sts Sacramento, at $4955 submits low bi to city council to const. wooden bridg in Wilson Way over Mormon Channel Other bids, all under advisement, were G. W. Jacobs, $5575.45; F. R. Zink $5578; Charles Frederickson, $6610; M G. Vickroy, $6555; G. A. Renner, $6724 J. A. Allen, $7247; H. H. Henning, $556 R. C. Tumulty, $5470; Blumencrantz & Vernon, $7700.

OROVILLE, Butte Co., Cal.—Count supervisors appropriate $5000 as par cost. to const. new bridge over Cherokee canal west of the "Y" on stat highway south of Chico. Structure wil be built by state.

DREDGING, HARBOR WORKS AND EXCAVATIONS

RICHVALE, Butte Co., Cal.—F. F Robinson, consulting engineer, Chico completing spec. to raise west levee o Cherokee canal in Drainage District No. 100, approx. 4 mi. in length, involv 60,000 cu. yds. earthwork.

GRASS VALLEY, Nevada Co., Cal.—See "Irrigation Projects," this issue Report submitted.

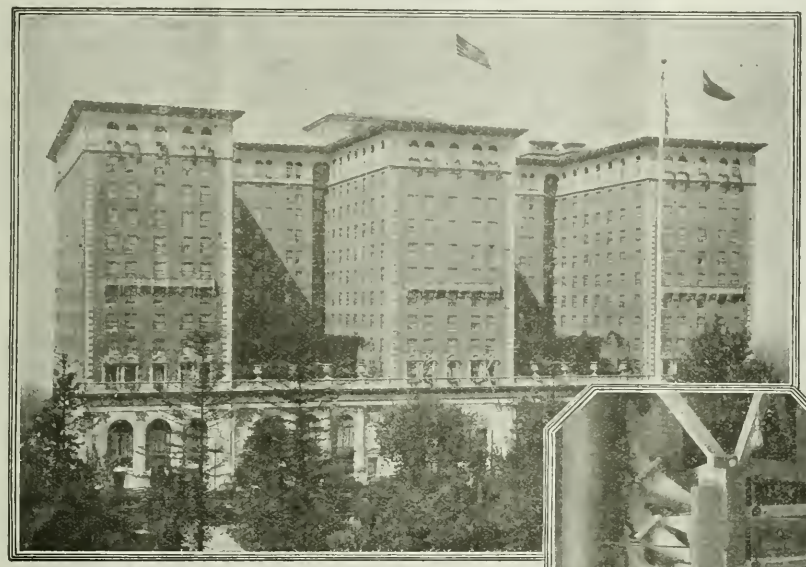
VENICE, Cal.—Until 8 p. m., June 3 bids will be rec. by city trustees to const. 50-ft. addition to shoreward end of each of the following jetties, viz: Jetty at Ave. 32, at Ave. 36 and the Ave. 40. The additions are to be constructed of 3 rows of 2-in. by 10-in. by 12-in. redwood rough timbers. Cert. check or bond 10%. T. H. Hanna, city clerk.

IRRIGATION PROJECTS

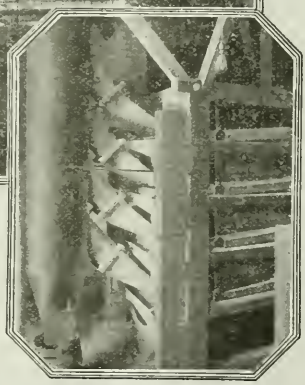
GRASS VALLEY, Nevada Co., Cal. — Fred H. Tibbetts, consulting engineer, Alaska Commercial Bldg., San Francisco, has prepared the following report for proposed irrigation (approx. 50,000 acres) and power development project contemplated by the Nevada Irrigation. It is proposed to vote bonds of $6,000,000 to finance initial development, waters to be taken from the Jackson watershed on the upper Middle Yuba River and from the Bowman watershed on the South Yuba river. The report follows:

Mountain Division

Jackson Meadows Development:	
Jackson Dam, 143 ft. high, 45,000 ac. ft.	
540 800 yds. rock fill, $2	$1,080,000
7370 yds. concrete cut-off, facing, spillway at $20	147,400
Spillaw control	3,300
30,000 ft. roadway at dam	30,000
Outlets and controls	45,000
Incidentals, engineerings etc.	261,140
Total	$1,566,840
Milton-Bowman Diversion:	
To Diversion	$ 20,000
Milton-Bowman Tunnel:	
23,400 ft. long at $45	1,053,000
Incidentals, etc.	107,300
Total	$1,180,300



BILTMORE HOTEL, LOS ANGELES
SCHULTZE & WEAVER, *Architects*



Twenty-six Tons of PIONEER WHITE LEAD

were used on the magnificent
BILTMORE HOTEL

The patented vacuum cleaning device shown here is just one reason why Pioneer White Lead is always whiter than other Old Dutch Process White Leads. This device is an exclusive Fuller feature, and insures even the finest particles of impurities being removed.

That Pioneer White Lead was specified and used on this magnificent hotel is merely another instance which emphasizes the high esteem in which this product is held by prominent architects.

W. P. FULLER & CO.

FULLER
PAINTS Since 49 **VARNISHES**

Bowman and Bowman-Spalding:	
Bowman and French Outlets, etc	$ 51,800
Bowman-Spalding Conduit...	761,200
Incidentals, etc.	162,600
	$975,600
Interest during construction.	111,660
Property and water rights...	400,000
Total	$4,234,400

Distribution System

590,600 lin. ft. canals, involv. 138,280 cu. yds. rock excav 706 acres of clearing rights of way	$ 82,590
761,410 cu. yds. earth excav. cost of excavation.....	838,390
25,350 lin. ft. siphons: Wood-stave pipe, 24, 30, 36, 48 and 60 inch diameter.....	129,770
8650 lin. ft. flume	56,610
Structures as follows: 137 check-gates, 70 timber bridges, 15 delivery gates, 12 diversion dams, 69 wasteways, 205 turnouts, 195 culverts, 21 conc. bridges	
Bear River diversion dam....	92,000
Total	$1,281,560
Incidentals, Engr., etc.....	256,340
Interest during const.	46,100
P. G. & E. ditches, purchase and reconstruct	200,000
Tarr Ditch, purchase	30,000
Town Talk Siphon	15,000
Total	$1,829,000

Unit costs have been estimated as follows:

Mountain Division

Rock in place, dams, at $2 per yd.
Rock excavation, $2 per yd.
Rock and earth excavation, $1.25 yd.
Milton-Bowman Tunnel, $45 per ft.
Unlined tunnels, $30 ft.
Tunnel lining, $30 ft.
Lumber in place, $40 M ft.

Distributing System

Unlined tunnels, $30 per ft.
Tunnel lining, $30 ft.
Rock excavation, $1.75 yd.
Earth excavation, 40c yd.
Concrete in structures, $50 yd.
Plain concrete, div. dam, $10 yd.
Lumber, $40 M ft.

LIGHTING SYSTEMS

SAN FRANCISCO—Lighting Committee of Board of Supervisors contemplates extension of "Path of Gold" lighting system along Sutter St., from Market to Van Ness Ave. and in Van Ness ave., from Sutter to Market, thence out Market st. to Valencia. Extension is also proposed in Mason st. from Market to Geary. Oriental lighting standards are contemplated through Chinatown, Grant ave., bet. Bush and Columbus Ave. A modern lighting system in Mission st. bet. 4th and 16th st., is also provided for in the program.

REDONDO BEACH, Cal.—Residents of Hermosa Ave. petition city trustees to install lights similar to those to be installed in Pacific ave., Esplanade and other streets.

REDONDO BEACH, Cal.—Until 8 p. m. June 16 bids will be rec. by city trustees to const. ornam. lighting system in Esplanade bet. 1 st. and north terminus of the Esplanade, and portions of Catalina ave., Pacific ave., Opal and Jasper sts., involving 343 cast iron posts; 1911 act. William J. Baalam, city clerk.

LOS ANGELES, Cal.—Until 10 o'clock a. m., June 2, bids will be rec. by Bd. Pub. Wks. to const. ornam. lighting systems in:

Santa Monica Blvd., bet. Wilton Pl. and Sycamore Ave., involv. 158 cast iron posts.

Anaheim St., bet. McFarland Ave. and Wilmington Blvd., involv. 130 concrete posts.

Central Ave., bet. 18th St. and 49th Place, involv. 205 conc. posts.

Whittier Blvd., bet. Indiana St. and Boyle Ave., involv. 157 pressed steel posts.

TURLOCK, Stanislaus Co., Cal.—City trustees petitioned to install electroller system in western section of city including West Main St. to S. P. tracks, Lander Ave., bet. Broadway and First Sts. Horace Hall, City Eng.

GLENDALE, Cal. — See "Power Plants," this issue. Bids wanted.

SAN BERNARDINO, Cal. — Council declares inten. to const. ornam. lighting system in Fifth St., bet. D and I Sts., involv. cem. conc. posts, conduits, etc.; 1911 act. J. H. Osborn, city clerk.

SANTA MONICA, Cal.—City council orders imp. of 8th St., Colorado Ave. and Wilshire Blvd. by widening and const. of ornam. lighting system.

LOS ANGELES, Cal.—Council declares inten. to const. ornam. lighting system in Atwater Ave., bet. Silver Lake Blvd. and Glendale Blvd., involv. 12 concr. posts; in Larga Ave., bet. Tyburn St. and Glendale Blvd., involv. 11 concr. posts; in Madera Ave., bet. Tyburn St. and Glendale Blvd., involv. 11 concr. posts; 1911 Act.

LOS ANGELES, Cal.—C. T. Smallcomb, 655 S Wall St., submitted low bid to Bd. Pub. Wks. at $4506 to construct ornam. lighting system in Santa Monica Blvd., bet. St. Andrews Pl. and Santa Monica Blvd

Osborn Elec Co., low at $3056 to construct ornam. lighting sys. in Orange Dr., bet. Wilshire Blvd. and 200 ft. s of Ninth St.

MACHINERY & EQUIPMENT

SANTA MONICA, Cal.—Until 8 p. m., June 2, bids will be rec. by board of education, Santa Monica city high school dist., for one Ford ton truck (new), or for two Ford ton trucks (used). Spec. obtainable from Theo. H. Schoenwetter, secy., 1333 6th St., Santa Monica. Cert. check, 5%.

SANTA ANA, Cal.—Until 5 p. m. June 2, bids will be rec. by city trustees for one street sweeper with red seal Continental motor; centrifugal water pump for cooling. Cert. check 5%. E. L. Vegely, city clerk.

SANTA ANA, Cal.—Until 5 p. m. June 2 bids will be rec. by city trustees for one 2-ton truck chassis equipped with cab and windshield. Cert. check 5%. E. L. Vepely, city clerk.

HAYWARD, Alameda Co., Cal.—Until June 4, 8 p. m., bids will be rec. by M. B. Tempeton, town clerk, to fur. and install electroliers including conc. pole foundations, rein. conc. ornamental poles, wiring, globes, sockets, mazda lamps, ornam. pole transformers, 164 ft. under ground conduit and electric cable, all other underground conduits and electric cables will be fur. and installed by the Pac. Gas & Elec. Co. under separate contract. System to be installed at City Hall Plaza. Cert. check 10% payable to town req. Spec. obtainable from clerk.

LOS ANGELES, Cal. — Council declares inten. to const. ornam. lighting system in Cahuenga Ave., bet. Highland Ave. and Hollywood Blvd., involv. 84 pressed steel posts.

SEBASTOPOL, Sonoma Co., Cal.—Until June 17, 5 p. m. bids will be rec. by T. R. Klinker, city clerk, Sebastopol Union School District, to fur. motor bus complete with body, seating capacity of 45, allowing max. of 14-in. per passenger; truck chassis to be at least 2-tons of sufficient wheel base to carry body with not more than 1/3 of its length extending beyind rear axle; chassis to be equipped with self starter, battery, generator and magneto ignition and pneumatic tires.

YUBA CITY, Sutter Co., Cal.—Until June 7, 2 P. M., bids will be rec. by V. W. Cooley, Clerk, Yuba City Union High School District to fur. bus for transportation of pupils. Further information obtainable from clerk.

WHITTIER, Cal.—Until 7:30 p. m., June 9, bids will be rec. by city trustees to fur. power street sweeper, contract to be awarded on merits of equipment as well as price. Quotations to be for cash payment after 30 days trial and time payments covering one year. Cert. chk. or bonl, 10%. Paul Gilmore, city clerk.

LOS ANGELES, Cal.—A. C. Rice, 196 Santee St., was awarded cont. by Bd Pub. Wks. at $16,817 to const. ornam lighting system in Lincoln Park Ave. bet. N Broadway and Mission Rd.

WOODLAND, Yolo Co., Cal.—Count supervisors plan to purchase ferry t operate across West Cut, a slough 30 ft. wide, s.w. of Clarksburg; est. cos $3000.

FIRE ALARM SYSTEMS

YUBA CITY, Sutter Co., Cal. — Cit trustees contemplate installation o fire alarm system. Inspections of varl ous systems will be made at once t determine the type to be installed. In spection committee consists of Trus tees Otis, Triplett and Williamson an Mayor H. D. Moncut.

FIRE EQUIPMENT

PETALUMA, Sonoma Co., Cal.—Cit votes bonds of $13,000 to purchase fir engine, $1500 for auxiliary hose wagon $3000 for chassis for hook and ladde truck and $500 for hose drying rack Lyman Green, city clerk.

YREKA, Siskiyou Co., Cal.—Chambe of Commerce, American Legion an city trustees, co-operating, propose t finance purchase La France Chemica Engine to be installed on Dodge chas sis; est. cost $3905.

BEVERLY HILLS, Cal.—Until 8 p. m June 2, bids will be rec. by city trus tees for 500 ft. 2½-in. fire hose. B. J Firminger, city clerk.

MISCELLANEOUS SUPPLIES

SAN JOSE, Santa Clara Co., Cal. — Until June 10, 7:30 p. m., bids will b rec. by Walter L. Bachrodt, secy. Board of Education, to fur. distillate oil fo grammar schools for school yea 1924-25, specific gravity 34 degre beaume, amber color, to be delivere in tanks. Bids also for fuel oil for hig school and 4 grammar schools durin same period, of specific gravity of no less than 16 deg. and not more than 2 deg. Beaume.

RICHMOND, Contra Costa Co., Cal.— Until June 6, 3 p. m., bids will be rec by W. T. Helms, secy. Richmond Unio High School District, to furnish among other materials, machinery and manua training supplies. Cert. check $50 payable to secy. req. with each bid.

RESERVOIRS AND DAMS

GRASS VALLEY, Nevada Co., Cal.— See "Irrigation Projects," this issue. Report submitted.

PIPE LINES, WELLS, ETC.

MARYSVILLE, Yuba Co., Cal.—Until May 27, bids will be rec. by city council to drill well on shores of Ellis Lake.

SAN FRANCISCO—Until June 18, 3 p. m., bids will be rec. by Board of Public Works to fur. and del. Flexible joint c.i. pipe for submarine portions of Hetch Hetchy Aqueduct, Bay Crossing Division of Hetch Hetchy project Est. cost $200,000. Specifications obtainable from Bureau of Engineering, 3rd floor, City Hall.

LONG BEACH, Cal.—Council takes bids shortly to fur. 70,000 ft. 30-in., 50,000 ft. 20-in., 32,000 ft. 8-in., and 70,000 ft. 6-in. water pipe. Clark Shaw chief water engineer.

LOS ANGELES, Cal.—Union Tank & Pipe Co. submitted low bid to public service comm. at $3790 for 600 joints No. 10 gauge, double stove pipe well casing, comprising 300 inside joints and 300 outside joints, each joint to be 16-in. in dia., 3 ft. in length, with ends properly trimmed and squared. American Steel Pipe & Tank Co. bid $3915.

SEWAGE DISPOSAL PLANTS

LAGUNA BEACH, Cal.—The $95,000 sewer bond issue carried at recent election in Laguna Beach Sanitary District. Plans for sewer and disposal plant have been prepared by Engr. F. W. Stetson of Hemet. Plans include practically all of Laguna Cliffs, Rogers Addition and Laguna townsite. Disposal will be by septic tank and 100 ft. effluent outfall.

PORTERVILLE, Tulare Co., Cal.—Calif. State Board of Health has officially condemned the Porterville sewage disposal system and has notified the city trustees of the action. Construction of a new system is ordered, the work to be started before Oct. 1, this year and ready for use by April 1, 1925.

MISCELLANEOUS CONSTRUCTION

OAKLAND, Cal. — Alameda County supervisors sell $300,000 estuary tube bonds for premium of $2112.40, proceeds of sale to finance construction of Oakland estuary tube, plans for which are being completed by County Engineer Geo. A. Posey, Courthouse, Oakland.

WATER WORKS

SACRAMENTO, Cal.—Until June 13, 10 a. m., bids will be rec by W. E. Callahan Constructing Co. and Smith Bros., Inc., 301 California Fruit Bldg., to construct reinforced concrete pumping station and discharge conduit; fur. and install all necessary conduits, wiring etc., together with complete installation of 6-24-in. vertical pumps and motors, 6 motor starters, gate valves, hydraulic, hydraulic pressure system, etc. Plans obtainable from office of Reclamation District No. 1660, 301 California Fruit Bldg., Sacramento, upon deposit of $10, **returnable.**
(Note: Bids were to have been opened May 27. The date has been extended to June 10).

PETALUMA, Sonoma Co., Cal.—City votes bonds of $3000 to finance purchase of fire hydrants. Lyman Green, City Clerk.

GLENDALE, Cal.—Council declare inten. to const. 6-in. Class B C. I. water Pipe in Columbus Ave., bet. Park Ave. and Riverdale Dr., with hydrants, valves, etc. A. J. Van Wie, City Clerk.

LOS ANGELES, Cal.—Bent Concrete Pipe Co., 419 Grosse Bldg., awarded contr. by public service comm. for fur. dept. with 2520 ft. 12-in. reinf. B. & S. concr. water pipe with tees, etc. Spec. No. 713-D.

GILROY, Santa Clara Co., Cal.—Until June 4, 7:30 P. M., bids will be rec. by **E. F. Rogers**, city clerk, to fur. and install deep well pump and electric motor. Cert. check 10% req. with each bid. Further information obtainable from city clerk.

PITTSBURG, Contra Costa Co., Cal.—City trustees contemplate election to vote bonds of $16,000 to finance purchase of water distributing system in Creed subdivision No. 2 from C. A. Hooper & Co.

ANAHEIM, Cal.—$110,000 water bond issue carried at recent election. Issue provides for new mains and fire protection extensions.

PLAYGROUNDS AND PARKS

PALO ALTO, Santa Clara Co., Cal.—Election will be called at once to vote bonds of $80,000 to finance improvement of Rinconada and El Camino Parks. Frank Kasson, city clerk, and J. F. Byrbee, Jr., city eng.

STOCKTON, San Joaquin Co., Cal. — Clark and Henery Const. Co., Chancery Bldg., San Francisco, at $4451 submits low bid to council to const. two tennis courts in Oak Park. J. E. Johnson only other bidder at $4577.02. Taken under advisement.

SEWERS & STREET WORK

OAKLAND, Cal.—Until May 29, 12 M., bids will be rec. by E. K. Sturgis, city clerk, to imp.
Portions of Dowling St., involv. grade and pave. const. curbs, gutters and walks.
Portions of Congress and Vicksburg Aves., etc., by const. of cem. walks.
Portions of Birch St., involv. grade and pave, cons.. curbs, gutters and walks.
All under 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

EUREKA, Humboldt Co., Cal.—Bids will be asked at once by supervisors to const. road from state highway to ft. of Shanahans Hill, on Elk River. Bids will also be asked for road on Salmon Creek near Miranda. A. J. Logan, county surveyor.

OAKLAND, Cal.—Warren Constr. Co., Bacon Bldg., awarded cont. by council to imp. 13th Ave. bet. E-14th and E-38th Sts., involv. grading, $.057 sq. ft.; conc. curb, $.75 lin. ft.; conc. curb with steel guard, $1.20 lin. ft.; conc. gutter, $.31 sq. ft.; 1½-in. Warrenite-Bit. surface on 5-in. cem. conc. base pavement, $.27 sq. ft.; conc. box culvert, $4 lin. ft.; 8x24-in. corru. iron and conc. culvert, $5 lin. ft.; c. i. handhole, $30 ea.; conc. handhole, $30 ea.; 10-in. pipe conduit, $2.25 lin. ft.; catchbasins, $90 ea., storm water inlet, $75 ea.

INGLEWOOD, Cal.—Until 8 P. M., June 2, bids will be rec. by city trustees to imp. Hawthorne St., Edgewood St., Warren Lane and Ivy Ave., involv. 240,739 sq. ft. grading; 99,550 sq. ft. 6-in. concr. paving; 12,870 sq. ft. 5-in. macad.; 18,810 sq. ft. Class A oiling; 1729 ft. curb; 4218 sq. ft. walk; 70 water services; culverts. Engr's. est., $48,125.79. Arthur W. Cory, city engr. Otto H. Duelke, city clerk.

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. portions of E-12th St., involv. grading, $.67 sq. ft.; conc. curb, $.75 lin. ft.; conc. curb with steel guard, $1 lin. ft.; conc. gutter, $.30 sq. ft.; 2-in. Warrenite-Bit. surface on 6-in. Port. cem. conc. base, $.308 sq. ft.; 6x24-in. corru. iron and conc. culvert, $4.25 lin. ft.; 8x24-in. do, $4.90 lin. ft.; c. i. handhole, $22 ea.; conc. box culvert, [illegible] lin. ft.; conc. inlet with c. i. top, $25 each; conc. handhole with c. i. top, $25 ea.; conc. curtain wall, $1 cu. yd.; br. inlet with c. i. top, $75 ea.; 21-in. storm water inlet, $80 ea.; 34-in. storm water inlet, $85 ea.; catchbasins, $90 ea.; 10-in. pipe conduit, $1.70 lin. ft.; 12-in. do, $1.90 lin. ft.; 15-in. do, $2.20 lin. ft.; 8-in. pipe sewer, $1.60 lin. ft.; manhole, $100 ea.; lamphole, $15 ea.; drop connection, $15 ea.; wye branch, $.60 each.

COALINGA, Fresno Co., Cal. — City trustees contemplate oiling various sts. in residential district.

SAN DIEGO, Cal.—G. R. Daley, 4430 Boundary St., submitted low bid to council at $59,756 to imp. Cleveland Ave and Vermont St., involv. 116,329.9 sq. ft paving with 1½-in. asph. conc. top on 4-in. conc. base 21.9c ft; 198,441.2 sq. ft. paving with 1½-in. asph. conc. top on 2½-in. bitum. base 16.9c ft; 147.5 lin. ft. cem. conc. curb 65c ft; 414.9 sq. ft. cem. walk 24c ft.; 5 4-in. cem. conc. sewer laterals $33 ea; 5 6-in. cem. conc. sewer laterals $38.50 ea.; removal of curving, $15. Other bids were, California Constr. Co., $60,184.75; Griffith Co., $61,266.69.

PLACERVILLE, El Dorado Co., Cal.—Property owners affected by paving of Spring and Coloma streets have notified city trustees they agree with plan to pave those thoroughfares entire width also for the construction of sidewalks.

STOCKTON, San Joaquin Co., Cal.—Until June 9, 5 P. M., bids will be rec. by A. L. Banks, city clerk, to const. storm water sewers in Pershing Ave. bet. Bayswater and Alpine Aves., and in Alpine Ave., bet. Pershing and California Sts. Cert. check 10% payable to City Auditor req. Plans obtainable from W. B. Hogan, City Eng.

SANTA ANA, Cal.—Until 7:30 P. M., June 2, bids will be rec. by city trustees to const. main line sewers on East and West Fourth Sts., involv. 2087.75 ft. trench excav., 9½x10 ft., 374.5 ft. trench excav., 9½x6 ft., 7 concr. manholes, one flush tank. W. G. Knox, city engineer.

CARMEL-BY-THE-SEA, Monterey Co., Cal.—City trustees accept plans for first Carmel sewer district project, embracing territory lying west of Junipero avenue and south of 4th Ave. A res. of inten. providing for the work has been passed; est. cost, $80,000. Protests will probably be heard at the June 3rd meeting.

BERKELEY, Alameda Co., Cal.—City council, E. M. Hann, clerk, declares inten. (513-N.S.) to imp. portion of Santa Barbara rd., involv. grading; const. conc. curbs and gutters; macadamizing; const. 24x30-in. conc. culvert; cem. walks. 1911 Act & Bond Act 1915. Protests June 10.

SAN JOSE, Santa Clara Co., Cal. — Raymond H. Crummey, 121 Pearl St., Oakland, awarded following contracts by council:
Pleasant St., bet. Santa Clara and Julian Sts., involving grade and pave with 1½-in. Warrenite Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curbs, gutters and walks; 3 br. catchbasins; 8-in. vit. pipe drains.
Reed St., bet. 3rd and 11th Sts., involving grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; bit. asph. conc. headers; hyd. cem. conc. curbs, gutters and alley driveways.

SAN DIEGO, Cal.—Superfisors order paving of 4 streets in Normal Heights, amounting to 20 blocks, with Willite pavement. Some interested property owners propose to fight decision of board, as it is claimed asph. conc. paving can be laid cheaper.

Contractors Machine Works

We Specialize in rebuilding and repairing contractors' equipment.
We build rock bunkers, elevators and conveyors, portable pumping plants, hoist and rock crushers.
Let us give you an estimate on your work.
We buy and sell used equipment.

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SAN BERNARDINO, Cal. — Council declares inten. to imp. 10th St., bet. I and Pico Sts., involv. cem. conc. curbs; paving with 4-in. cem. conc; 1911 act. J. H. Osborn, city clerk.

SAN MATEO COUNTY, Calif.—State Highway Commission rejects lone bid of F. Rolandi, 550 Montgomery St., San Francisco, at $360,701 (engineer's estimate) $256,212, to grade 5.2-mi. in San Mateo county bet. So. San Francisco and Broadway Station. New bids will probably be asked at once. R. M. Morton, state highway eng.

MARYSVILLE, Yuba Co., Cal.—City council, G. W. Richards, clerk, declare inten. (No. 21) to imp. portions of I, 7th, 8th, 10th Sts., etc., const. concrete curbs, gutters, headwalls, catchbasins with iron covers; 6-in. vit. sewers; grade and pave with 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface. 1911 Act & Bond Act 1915. Protests June 9. W. M. Meek, city eng.

SANTA ANA, Cal.—Steele Finley, 204 E 4th St., Santa Ana, awarded contract by city trustees to imp. McFadden St., bet. Main and Halliday Sts., involving 86,285.11 sq. ft. 6-in. asph. conc. pavement at 23.5c ft; 882 ft. 4-in. hse. sewers at 60c ft; 2123.87 ft. curb at 60c ft; corru. iron culvert at $150.

YUBA CITY, Sutter Co., Cal.—County supervisors Trevathen will gravel approx. 6-mi. of Peach Valley road; work under day labor system.

RED BLUFF, Tehama Co., Cal—V. E. Hart, Berber, at $1600 awarded contr. by supervisors to grade approx. 2 mi. of road from Mineral towards Lassen Volcanic Natl. Park entrance. Other bids were: George Rogers, $1970; Whitlock and Son, $2400; M. S. Supan, $2545.

MONROVIA, Cal. — J. Allen Monro awarded contract by city trustees to imp. Foothill Dr., bet. Alta Vista Ave. and Melrose Ave., etc., involv. 38,130 sq. ft. grading and paving with oiled tamped pavement 7.8c sq. ft.; 200 ft. class A curb 50c ft.; 480 ft. class B curb 60c ft.; 3700 sq. ft. conc. gutter 20c ft; 600 sq .ft. conc. swale 20c ft.; 1080 ft. 6-in. vit. sewer pipe 80c ft; 800 ft. 4-in. hse. sewers 75c ft; 2 brick flush tanks, $300 (lump sum), 3 brick manholes, $300 (lump sum), 32 6x4 wyes, $1.25 ea.

SAN JOAQUIN CO., Cal.—Until June 23, 2 p. m., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to pave with asph. conc. 8.1-mi. in San Joaquin County bet. west boundary and Banta. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

SEATTLE, Wash. — Hans Pederson, Alaska Bldg., Seattle, at $421,022 (clay pipe) awarded cont. by Bd. Pub. Wks. to const. Oregen street trunk sewer.

BURBANK, Cal.—City trustees declare inten. to imp. Buena Vista, St., bet. Alameda Ave. and right of way of S. P. Ry., etc., involv. grade; pave with 1½-in. Warrenite-bitul. surface on 3½-in. bitum. base, const. 4-in. wrought iron water pipe; 1911 act. F. S. Webster city clerk.

NEVADA COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, June 16, 2 p. m., to grade 5.3 mi. in Nevada county betw. Boca and Floriston. Project involves: 179,000 cu. yds. roadway excavation without classification; 181,000 sta. yds. overhaul; 800 cu. yds. structure excavation without classification; 235 cu. yds. class A Port. cem. conc. (structures); 140 hundredweights bar rein. steel in place (structures); 2448 lin. ft. 18-in., and 316 lin. ft. 24-in. corru. metal pipe; 225 cu. yds. rubble masonry (retaining walls); 110 cu. yds. dry rubble (retaining walls) 104 monuments. Commission will furnish corru. metal pipe. R. M. Morton, state highway engineer.

HUNTINGTON PARK, Cal.—Paul E. Kressley, consulting engr., H. W. Hellman Bldg., Los Angeles, appointed city engr. of Huntington Park, and will have charge of const. of new sewer system, permit for which has been secured from the state board of health.

VENTURA COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, June 9, 2 p. m., for 1.2 mi. of highway in Ventura county bet. Sea Cliff and Rancho El Rincon, to be protected by seawall and graded. Project involv. 63,100 cu. yds. roadway embankment without classification; 17,050 cu. yds. structure excavation without classification; 16,250 cu. yds. class A cem. conc. (seawall); 930 cu. yds. class E cem. conc. (culverts); 845 hundredweights bar rein. steel in place. Commission reserves right to award contract, on basis of emitting roadway embankment from the work to be done. R. M. Morton, state highway eng.

GLENDALE, Cal.—C. L. Hill, 320 W Vine St., Glendale, awarded cont. by council at $40,706 to imp. Camulos Ave Wabasso Way, Hiawatha Dr. and Niodrara Dr., involv. 109,020 sq. ft. 3-in. oiled macad. and other incidental items.

Frank R. Mosher, 118 S Kenwood, Glendale, awarded contr. at $15,067 to imp. Cleveland Rd., bet. Kenneth Rd. and Bonnie Brae St., involv. 47,410 sq. ft. macad. paving, and other incidental items.

SOLANO COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, June 9, 2 p. m., to widen with Port. cem. conc. & crushed gravel or stone shoulders, 4-mi. in Solano county, bet. Rockville and Fairfield. Project involv. 130 cu. yds. structure excavation without classification; 2630 cu. yds. class A cem. conc. (shoulders and repairs to existing pavement); 2000 tons crushed gravel or stone (shoulders); 75 cu. yds. class A cem. conc. (structures); 55 hundredweights bar rein. steel in place (structures); 32 lin. ft. 12-in. and 8 lin. ft. 18-in. corru. metal pipe; 150 cu. yds. removal of conc in existing pavement. Commission will furnish corrugated metal pipe. R. M. Morton, state highway eng.

BAKERSFIELD, Kern Co., Cal. — Calif. Const. Co., 58 2nd St., San Francisco, only bidder at approx. $21,000, awarded cont. by supervisors to imp. Sec. 2 of County Rd. No. 269.

SAN FRANCISCO — Board o fPublic Works completes spec. to imp. Child St., bet. Greenwich and Lombard Sts., and Telegraph Pl., bet. Child St. and its east termination, involv. 804 lin. ft. conc. curb; 2950 sq. ft. art. stone walks; 6170 sq. ft. pavement; 363 lin. ft. 8-in. ironstone pipe sewer; 28 8-in. wye branches; 3 br. manholes.

LOS ANGELES, Cal.—Geo. H. Oswald, 366 E 58th St., submitted low bid to supervisors to imp. Western Ave., bet. Los Angeles and Redendo Rd. and San Pedro St., County Imp. No. 65 involving 483 cu. yds. excav. $1.50 yd., 2575 ft. curb 60c ft; 12,860 sq. ft. gutter 30c ft; 29,202 sq. ft. walk 21c ft; 11,790 sq. yds. 4-in. D G base 60c yd; 19,127 sq yds. 2-in. asph. conc. top 74c yd., 2 reinf. conc. culverts at $250.

EUREKA, Humboldt Co., Cal.—Until June 10. 1:30 p. m., bids will be rec. by Fred M. Kay, county clerk, to const. 19,300 ft. of new road on Van Duzen river bet. Grizzly Creek and Bridgeville, Rd. Dist. No. 2. Cert. check 5% req. with each bid. Plans obtainable from A. J. Logan, county surveyor.

LOS ANGELES, Cal. — County Engr. Warren estimates cost of const. outfall at Hyperion in South Bay Sanitation Dist. at $841,156. This is twice his original estimate made before the election. Maintenance cost is estimated at 48c per $100 during the first year. Victor Staheli, former city engr., Redondo, previously furnished an estimate in the neighborhood of $500,000. The matter will come before the board of supervisors in about 2 weeks.

COLUSA, Colusa Co., Cal.—Until June 3, 2:30 p. m., bids will be rec. by T. D. Cain, county clerk, for following highway fork:

Freshwater road (item 1) 2200 cu. yds. road gravel loaded; (2) haul 2200 cu. yds. road gravel and spread on road.

Central School Road, (1) 3000 cu. yds road gravel loaded; (2) haul 3000 cu. yds. road gravel and spread on road.

Spring Valley Road, (1) 5300 cu. yds. road gravel loaded; (2) haul 5300 cu. yds. road gravel and spread on road.

J. M. Felknor, county rd. engineer. **Specifications on file in office of Building and Engineering News.**

SAN MARINO, Cal. — City trustees declare inten. to imp. Monterey Rd. bet. Garfield Ave. and Oak Knoll Avenue; grade; pave with oil macad pavement, conc. curb, conc. gutter, reinf. concrete culvert, catch basin etc; 1911 act. H. W. Joyce, city clerk.

VACAVILLE, Solano Co., Cal.—Until June 3, 8 p. m., bids will be rec. by C. L. Adsit, city clerk, to pave various streets involv. 313,000 sq. ft. 2½-in. Willite surface. Plans obtainable from F. A. Steiger, Courthouse, Fairfield, California.

PASADENA, Cal.—Thomas Kelly & Son, 611 Hill St. Bldg., Los Angeles, low bidder to imp. Green St., bet. Marengo Ave. and Hill Ave. Unit prices were: (1) 31,231 l.f. grading, $7.40; (2) 364,620 sq. ft. 7-in. conc. paving, 30c (3) 5620 l. f. curb (not part of tunnel), 70c; (4) 11,810 sq. ft. gutter (not part of tunnel), 36c; (5) 132,517 sq. ft. sidewalks (not part of tunnel), 20c; (6) culverts, lump sum, $24,800; (7a) 8199 lin. ft. 12-in. sewer, $3.25; (7b) 7456 lin. ft. 8-in. sewer $2.70; (8) underground conduits and manholes outside of tunnel, lump sum, $40,272; (9) street lighting, lump sum, $48,708; (10) water pipes, lump sum, $20,400; (11) tunnel comp., lin. ft., $19.50. Thomas Haverty Co. bid (1) 23c; (2) 46c; (3) 95c; (4) 37c; (5) 28c; (6) $17,930; (7a) $5.50; (7b) $4.90; (8) $39,750; (9) $36,000; (10) $23,250; (11) $28.25. Taken under advisement.

REDONDO BEACH, Cal.—City trustees declare inten. to imp. Pearl St., bet. Catalina and Elena Aves.; grade; pave with oil, rock and screenings pavement, const. 3-ft. conc. gutter, curbs, walk; 1911 act. W. J. Balaam, city clerk.

LOS ANGELES, Cal.—Geo. H. Oswald 366 E 58th St., submitted low bid to Bd. Pub. Wks. to imp. Tamarind Ave., bet. Sunset and Santa Monica Blvd., involv. grading at $5000 (lump sum); 96,670 sq. ft. Warrenite bitul. paving (1½-in. top on 3½-in. base) 26c ft; 2130 ft. curb 70c ft; 15,899 sq. ft. walk 22c ft; 5035 sq. ft. gutter 35c ft; 30 ft. hse. sewers $1.75 ft.; 720 ft. 2-in. bitum. base paving 13c ft.

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LOS ANGELES, Cal.—Warren Constr. Co., 5444 Hollywood Blvd., submitted low bid to Bd. Pub. Wks. to improve Arapahoe St., bet. 20th and 22nd Sts., involv. grading at $1500 (lump sum); 668 sq. ft. 2-in. bitum. base paving 14c sq. ft., 23,884 sq. ft. Warrenite-bitul paving (1½-in. top on 3½-in. base) 25.9c ft; 326 ft. curb 80c ft; 693 sq. ft. walk 22c ft; 1636 sq. ft. gutter 33c ft.

SANTA BARBARA, Cal.—Council declares inten. to imp. Arrellaga St., bet. San Pascual and San Andreas Sts.; grade; pave with 1½-in. asph. conc. wearing surface on 4-in. cem. conc. base, const. comb. conc. curbs and 6-ft. gutter, comb. conc. curb and 3-ft. gutter, cem. conc. curb returns, cem. concr. driveways, 6-in. vit. pipe main san. sewer, 4-in. vit. pipe side connections cem. conc. cross gutters; 1911 act. Geo. D. Morrison, city engr. S. B. Taggart, city clerk.

LOS ANGELES, Cal—City Engr. John A. Griffin announces proceedings to const. Arroyo de Sacatella storm drain will be under way within 30 days. The project will clean up the swamp which runs from Third Ave. to Vineyard bet. Pico St. and Country Club Dr. Est. cost $2,570,000; will require 15 months to complete.

EUREKA, Humboldt Co., Cal.—City Eng. J. D. Hannah instructed to prepare spec. to pave 5th St., bet. K and Myrtle Ave. and G St. bet. 5th and 16th Sts.

SANTA ROSA, Sonoma Co., Cal. — Surveys will probably be ordered at next meeting of supervisors for new highway bet. Bodega roads and Bodega corners, on to the bay and thence to the mouth of the Russian river. Approx $75,000 is available for construction. E. A. Peugh, county surveyor.

MONROVIA, Cal.—Until 7:30 p. m., June 2, bids will be rec. by city trustees to imp. Sierra Vista Ave. ,bet. East Ave. and Grand Ave., etc., involv. grading, oil tamped pavement; cem. curbs, gutters, and walks; san. sewer; manholes, flushtanks, 62 sewer laterals etc. Plans are on file at office of city engr.; 1911 act. Lewis P. Black, city clerk.

ORANGE COUNTY, Cal. — Williams and Singletary, Colton, at $26,034 (engineer's estimate $27,749) awarded cont by State Highway Commission to grade 9.4-mi. in Orange county bet. east boundary and San Juan Bridge.

COMPTON, Cal.—Geo. H. Oswald, 366 58th St., L. A., awarded contrs. by city trustees to imp. Spring St. and Stockton Blvd. and Wilmington St. The bids were:

Spring St.: 22,000 sq. ft. grading 5.5c ft.; 22,000 sq. ft. 5-in. conc. paving 20c ft; 1420 ft. curb 60c ft.; 8150 sq. ft. walk 20c ft; 929 ft. 8-in. cem. pipe san. sewer $1.30 ft; 422 ft. 6-in. hse. sewers $1.10 ft; 3 manholes $110 each; 234 ft. 1-in. std. galv. iron pipe service connections $1 ft; 932 ft. 4-in. wood stave water pipe $1.40 ft.

Stockton Blvd. and Wilmington St.: 79,180 sq. ft. grading 2.5c ft.; 79,180 sq. ft. 5-in. conc. paving 20c ft.; 340 ft. curb 60c ft; 362 ft. 6-in. cem. pipe hse. sewers $1 ft; 144 ft. galv. service connections $1.35 ft; 2118 ft. 4-in. wood stave water pipe $1.40 ft.

REDWOOD CITY, San Mateo Co., Cal. —Until May 26, 3:30 p. m., bids will be rec. by J. D. Hedge, clerk, Sequoia Union High School District, to const. macadam roads and sidewalks in school grounds. Cert. check 10% req. Plans obtainable from office of principal in high school.

SAN FRANCISCO—Articles of incorporation have been filed with the county clerk by the Rincon Hill Regrade Project, Inc., capitalized at $1,000,000, with the following directors: A. J. Watson, C. E. Baer, P. P. Paschel, R. S. Atkins, F. C. Boeckman, E. H. Wiet and H. E. Trumbo. Purpose of company is to raze Rincon Hill adding 15 blocks to city's industrial area. Est. cost $3,500,000.

GLENDALE, Cal. — Council declares inten. to imp. under 1911 and 1915 acts:

Acacia Ave., bet. Sycamore Canyon Rd. and Adams St., etc., grade and pave with 5-in. oil macad; const. cem. curbs and walks, 6-in. class "B" c.i. water pipe.

Sinclair Ave., bet. Wilson Ave. and Sycamore Canyon Rd., etc., grade and pave with 3-in. oil macad., const. curbs and walks, 6-in. class "B" c.i. water pipe, fire hydrants, etc., 8-in. vit. pipe sewer with flush tanks, junction chambers, manholes, etc.

SOLANO COUNTY, Calif.—Force and Currigan, 225 Sherlock Bldg., Portland, Ore., at $218,345.50 awarded cont. by State Highway Commission for 8.3-mi. in Solano county bet. Vacaville and Batavia, 0.4-mi. to be paved with Port. cem. conc. and 7.9-mi. paved with asph. conc.

REDWOOD CITY, San Mateo Co., Cal —City Eng. C. L. Dimmitt preparing spec. for sewer in Whipple Ave., bet. Melrose Place and Ashley Ave.

HAYWARD, Alameda Co., Cal—Town Eng. J. B. Holly completes spec. for Atherton St. sewer; est. cost $7000.

MARTINEZ, Contra Costa Co., Cal.—Mt. View Sanitary District, Walter F. Williams, secy., declares inten. (A-2) to const. vit. lampholes; br. and cem. manholes; 6-in. vit. sewers, in portions of Santa Fe Ave., Palm Drive, Veale Ave., etc. 1911 Act. Protests June 9.

SAN JOSE, Santa Clara Co., Cal. — A. J. Raisch, 46 Kearny St., San Francisco (Builders' Exchange, San Jose) awarded cont. by council to imp. William St., bet. Delmas and Bird Sts., involv. grade and pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs gutters and walks; 1 br. catchbasin; 8-in. vit. pipe drains; 7 hyd. cem. conc. storm water inlets; 1 br. manhole.

HAYWARD, Alameda Co., Cal.—City trustees, M. B. Templeton, clerk, declare inten. (No. 491) to imp. portions of Sunset Blvd. and Soto St., involving grading and paving with 3½-in. asph. conc. base with 1½-in. asph. weaaring surface; const. conc. curbs and gutters. 1911 Act & Bond Act 1915. Protests June 9. Jesse B. Holly, town eng. (Approx. cost $27,500).

SACRAMENTO, Cal.—Frederickson & Stannon, Cory Bldg., Fresno, at $18,952 awarded cont. by supervisors to pave Antelope rd. from Auburn Blvd. 2-mi. north to join with paving already in place.

SANTA CRUZ, Santa Cruz Co., Cal.—City council cancels contract awarded to W. E. Miller, 81 Church St., Santa Cruz, at $22,211.40, due to irregularities in proceedings. New bids will be asked shortly. Project involves: Grade and pave with 5-in. conc.; const. conc. curbs; corru. metal and rein. conc. culverts; 4-in. vit. sewer laterals. Other bids were: Granite Constr. Co., $23,702.66; W. J. Taylor, $24,761.71; B. R. Greenfield, $25,339.60; Miller bid 18c for paving and 2½c for grading.

ALHAMBRA, Cal.—Election will be held June 3, to vote on $240,000 bond issue to pave Main St., bet. e. and w. city limits, and to imp. Valley Blvd., bet. e. and w. city limits. Pavement is to be at least 6-in. thick.

SANTA ROSA, Sonoma Co., Cal.—Supervisors contemplates widening and improving road from Calistoga to Burke Sanitarium, a portion of cost to be borne by Napa county.

EUREKA, Humboldt Co., Cal.—Until June 10, 2 P. M., bids will be rec. by Fred M. Kay, county clerk, to grade and const. corru. iron culverts in portions (2.6 miles) of Miranda Salmon Creek Rd. Road Imp. Act 1907. Cert. check 10% payable to Chairman of Board of Supervisors req. Plans obtainable from A. J. Logan, county surveyor.

AIHAMBRA, Cal.—Election will be held June 3, to vote $30,000 bond issue to const. storm drains, sewers and culverts.

BERKELEY, Alameda Co., Cal. — City Planning Commission preparing report for city council regarding paving of streets in burned area with concrete pavement. Streets included in the program are: Arlington and Euclid Ave. and Spruce St. John N. Eddy, city manager.

LANDER COUNTY, Nevada—Following bids received May 28th by C. H. Sweetser, District Engineer, U. S. Bureau of Public Roads, 9 Main St., San Francisco, to construct Austin-West Forest Highway, partly located in Toiyabe National Forest, Lander Co., Nevada:

W. J. Schmidt	$66,080.46
Julian Engr. & Const. Co.	75,242.00
T. M. Ohrey	83,843.46
Engineer's estimate	76,324.00

Barber Greene Model 42 Loader

Prominent Users Are

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ALAMEDA, Alameda Co., Cal.—City council, W. E. Varcoe, clerk, declares inten. to imp.:

(Res. 756) Washington St., bet. Court and High Sts., grade; const. conc. curbs gutters, gutter bridges and corru. iron culverts; pave with 6-in. oil macadam.

(Res. 757) Bay Island Ave., bet. Park St. and Park Ave., grade; const. conc. curbs, gutters, gutter bridges, sidewalks and corru. iron culverts; pave with 6-in. oil macadam.

(Res. 754) Fillmore St., bet. Mound and Court Sts., involv. grade; const. conc. curbs, gutters, gutter bridges and corru. iron culverts; pave with 6-in. oil macadam.

All under 1911 Act. Protests June 17. Burnett Hamilton, city eng.

EUREKA, Humboldt Co., Cal.—Until June 10, 2 p. m., bids will be rec. by Fred M. Kay, county clerk, to furnish, crush and place 1000 cu. yds. more or less, rock on county road in vicinity of Gans' Prairie on Orick-Bald Hills rd. Cert. check 5% req. with bid. A. J. Logan, county surveyor.

FRESNO, Fresno Co., Cal.—Federal Paving Co., Brix Bldg., Fresno, awarded cont. by council to imp. Fresno St., bet. Martin and A Sts., involv. grading $.03¾ sq. ft.; asph. pave, $.20¾ sq. ft; conc. pave, $.27 sq. ft.; conc. gutter, $.29 sq. ft; 12-in. Type B culvert, $5.50 lin. ft.; 12-in. Type A culvert, $5.50 lin. ft.; 18-in. Type A culvert, $6.75 lin. ft; manholes, $24 each.

HAWTHORNE, Cal. — Until June 9, bids will be rec. by city trustees to imp. Broadway, Involv. 2218 lin. ft. grading; 4240 ft. curb; 18,520 sq. ft. walk; 8479 sq. ft. gutter; 81,305 sq. ft. 1½-in. Willite wearing surface on 3-in. asph. conc. base; 26 c.i. lighting standards complete; 2 storm drains. Plans and spec. are on file at the office of the city engr. S. V. Fraser, city clerk.

MARTINEZ, Contra Costa Co., Cal. — County Surveyor R. R. Arnold preparing spec. to pave Glant road to San Pablo Tank Farm, 7200 ft. with asph. conc; Concord-Avon road, 1½-mi. with asph. macadam; Lone Tree road, 1½-mi asph. macadam.

EUREKA, Humboldt Co., Cal.—Until June 10, 10 a. m., bids will be rec. by Fred M. Kay, county clerk, for:

Grade and surface 9500 ft. of county road, commencing at State Highway near Elk river and extending to foot of Shannahan's Hill on road to Falk.

Const. Section 2 of Petrolia-Capetown road, approx. 5-mi. along Ocean House and Domingo Hill in Rd. Dist. No. 1

Const. 4755 ft. new road 12-ft. wide near old mail station on Bair-Hoopa rd. in Rd. Dist. 5.

Cert. check 5% req. with bid on each project. Plans obtainable from County Surveyor A. J. Logan.

SAN JOSE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, awarded cont. by council to imp. Atlanta St., bet. Bird and Delmas Ave., involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base.

RICHMOND, Contra Costa Co., Cal.—Until June 2, 8 p. m., bids will be rec. by A. C. Faris, city clerk, to imp. McLaughlin and Lassen Sts., bet. McBryde and Clinton Aves; Esmond Ave., bet. San Pablo and Humboldt Aves; Garvin and Clinton Aves., bet. San Pablo and Lassen and Solano Ave., bet. San Pablo and Key Blvd., involv .grade and pave with 8-in. Richmond standard macadam pavement; cem. conc. curbs, gutters, walks, wingwalls and portals; corru. iron and cem. conc. culverts. 1911 Act. Cert. check 10% payable to city req. H. D. Chapman, city eng.

SAN DIEGO, Cal.—Until 10:30 a. m., June 9th bids will be rec. by City Clk. A. H. Wright, to imp. Columbia and Maple Sts., involving 72,027.68 sq. ft. paving with 3-in. bitum. base and 2-in. asph. conc. top ;184,307.79 s. ft. paving with 2½-in. bitum. base and 1½-in. asph. conc. top; 11,949.44 sq. ft. cem. conc. sidewalks; 2710.76 lin. ft. cem. conc curb; 250 lin. ft. 6-in. cem. conc. sewer main; 18 6-in. cem. conc. sewer laterals; 14 4-in. cem. conc. sewer laterals. F. A. Rhodes, city engr.

OLYMPIA, Wash. — Following contracts awarded by State Highway Commission:

Clear, grade, drain 2.7 mi. of state road No. 1, bet. Everett and Marysville in Snohomish county, Rumsey & Jordan $124,542.70.

Clear, grade, drain and surface with gravel 9 mi. state road No. 14, betw. Port Orchard and Gig Harbor in Kitsap county; Holmberg & Norman, Port Orford, $80,795.75.

Clear, grade, drain and surface with crushed rock 7.6 mi. of state road No. 12, bet. Adna and Meskill in Lewis county, Hendrix & Olson, $66,055.42.

Resurface with crushed rock 32 mi. of state road No. 2 bet. Easton and Bide-a-wee in Kititas and King Counties; Thos. J. Rebman ,$50,165.25.

Clear, grade, drain and surface with crushed rock 3.7 mi. of state road No. 5 bet. Fern Gap and Kosmos Forks in Lewis county; Graham Bros., Medley, $50,300.08.

Clear, grade, drain 2.5 mi. of state road No. 3 from Steptoe north in Whitman county; J. E. Edwards, Spokane, $25,149.40.

Fur. and haul 8000 cu. yds. crushed rock to resurface state road No. 3, near Barnes Station in Whitman county; Pacific Coast Paving Co., $20,014.

Clear, grade and drain .7 mi. of state road No. 2 from Dryden west in Chelan county; A. D. Weiland, Wenatchee $19,840.98.

Const. embankment approach and riprap bank protection for Indian Timothy bridge on state road No. 5 in Asotin county; Sam R. Boudrye, $14,211.65.

GLENDALE, Cal.—E. L. Fleming, 324 W Dryden, Glendale, submitted low bid to council at $103,423 to imp. portion of Hermosita Dr., Capistrano Ave., El Rita Ave., Andenes Dr., Canada Blvd. etc., involv. 440,910 sq. ft. grading 1.5c ft; 90,518 sq. ft. 5-in. oiled macad. 14.5c ft; 185,704 sq. ft. 3-in. oiled macad. 10.75c ft; 61,500 sq. ft. walk 16c ft.; 222 sq. ft. gutter 20c ft; 17,707 ft. curb 50c ft; 4131 ft. 8-in. c.i. water pipe complete, $17,570; 8188 ft. 8-in. vit. sewer pipe $2.35 ft; 17 manholes $95 ea; 4 junction chambers $95 each; 2 flush tanks $140 each; 4 lampholes $20 each; 181 6-in. hse. connections $32 ea. Other bids were Cornwell & Henderson $104,032; Frank R. Mosher, $104,507; Gibbons & Reed Co., $106,589.

SAN MATEO COUNTY, Cal.—Following bids rec. by State Highway Commission. Forum Bldg., Sacramento to pave with asph. conc. and widen with macadam shoulders. 35-mi. in San Mateo county bet. Redwood City and southerly boundary:

Freman & Whiting, Fresno....	$115,491
Pacific States Const. Co.....	119,266
Federal Paving Co	121,457
G. A. Costell, Jr.	129,088
Gen. Construction Co.	129,970
Clark & Henry Const. Co.	140,545
Engineers Estimate	126,805

LASSEN COUNTY, Calif.—Following bids rec. May 26 by State Highway Commission, Forum Bldg., Sacramento to pave with asph. macadam 4.5-mi. in Lassen County, bet. Susanville and Johnstonville:

T. H. & M. C. Polk, Chico.....	$47,681
Blumenkranz & Vernon	54,325
Christensen Constr. Co.	56,862
Warren Constr. Co.	76,054
Engineer's estimate	57,137

SIERRA COUNTY, Calif.—Until June 11, 9 a. m., bids will be rec. by C. H. Sweetser, dist. eng., U. S. Bureau of Public Roads, 9 Main St., San Francisco, to const. Yuba Pass Natl. Forest Highway in Sierra County, 15-mi. in length. Project involv. 103 acres clearing; 129,415 cu. yds. unclassified excavation; 3486 lin. ft. corru. metal pipe; 135 cu. yds. "A" and 253 cu. yds. "C" conc.; 3,426 lbs. rein. steel; 100 cu. yds. cement rubble masonry; 6670 crushed rock surfacing. **See call for bids under official proposal section in this issue.**

FRESNO, Fresno Co., Cal.—County supervisors pledge $100,000 toward the fund being raised to const. Sierras to Sea highway from King City to the Giant Forest. This will complete the Coalinga to San Lucas 34 mi. highway. About $700,000 is now available. The work will be under the supervision of the state highway commission.

WATSONVILLE, Santa Cruz Co., Cal.—Until June 3, 8 p. m., bids will be rec. by M. M. Swisher, city clerk, to improve:

Locust St., bet. 2nd and Wall Sts., involv. grade; macadamize and oil with asph. oil; const. conc. curbs and gutters.

Center St., bet. Blackburn and Beck Sts., involv. grade; macadamize and oil with asph. oil; const. conc. curbs and gutters.

2nd St., bet. Locust and Walker Sts., etc., remacadamize and oil with asph. oil. Cert. check 10% payable to mayor with each bid. Plans obtainable from H. B. Kitchen, city eng.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. 3rd St., bet. Oak and Harrison Sts., involving grade and pave; const. catchbasin and conduit, manholes; sewers. 1911 Act. Protests June 12. W. W. Harmon, city eng.

LOS ANGELES, Cal.—Until 10 a. m., June 9, bids will be rec. by Bd. Pub. Wks. to imp. under 1911 act:

Division St., bet. Wollam St. and San Fernando Rd., involv. 18,375 sq. ft. 5-in. conc. paving; 138,897 sq. ft. Warrenite-bitul. paving (3½-in. base and 1½-in. top); 618 sq. ft. 2-in. bitum. base; 8267 ft. curb; 38,444 sq. ft. walk; 8599 sq. ft. gutter; storm drain; san. sewer.

Sale Ave., bet. Ventura Blvd. and San Luis Ave., involv 17,250 cu. yds. cut; 8670cu. yds. fill; 3932 ft. heavy curb; 23,145 ft. light curb; 69,859 sq. ft. walk; storm drain; ornam. lighting system.

Soto St., bet. Medford St. and 124 ft. s.w. cor. of Griffin Ave., involv. 9581 sq. ft. 5-in. bitum. base paving; 31,513 sq. ft. 6-in. conc; 14,766 sq. ft. oiling and rolling; 6755 ft. curb; 20,119 sq. ft. walk; 6401 sq. ft. gutter; 84 sq. ft. 2-in. bitum. base; storm drain; san. sewer; conc. stairway.

SAN BERNARDINO CO., Cal.—Following bids received May 28th by C. H. Sweetser, Dist. Eng., U. S. Bureau of Public Roads, 9 Main St., San Francisco, to construct one or both extensions to the Pine Knot and Fredalha-Big Bear Lake National Forest Highway in San Bernardino County: (1) Pine Knot, (2) Pine Knot and Fredalba Big Bear:

	(1)	(2)
C. L. Robinson, Sherman, L. A. Co.....	$64,590	$102,477
De Waard & Sons	75,770	
C .E. Crowley	76,227	120,362
Tieslow Bros.....	81,519	123.286
Gibbons & Reed Co....	97,336	143,388
Arndt & Welsh	113,257	167,516
Isabell Constr. Co.....		121,866
Mandic & Cristich.....		120,814
Engineer's estimate...	71,862	113,477

SAN BERNARDINO, Cal.—Until 7:30 p. m., June 9, bids will be rec. by council to imp. Wall St., bet. Base Line St. and 13th St., involv. 4-in. cem. conc. pavement, cem. curbs; 1911 Act. J. H. Osborn, city clerk.

IRVINGTON, Alameda Co., Cal. — Oakland Sewer Const. Co., 1003 85th Ave., Oakland, at $33,109.78 awarded cont. by Irvington Sanitary District to const. sewer system. Chambers and De Golyer, Oakland, next low bidder at $35,849.82.

GLENDALE, Cal.—E. L. Fleming, 324 W. Dryden, Glendale, submitted low bid to council to imp. portions of Hermosita Dr., Capistrano Ave., El Rito Ave., Del Valle Ave., etc., involv. 440,910 sq. ft. grading, 1.5c ft.; 90,518 sq. ft. 5-in. oiled macad, 14.5c ft.; 185,704 sq. ft. 3-in. oiled macad., 10.75c ft.; 61,650 sq. ft. walk, 16c ft.; 222 sq. ft. gutter, 20c ft.; 17,706 ft. curb, 50c ft.; 4131 ft. 8-in. C. I. water pipe, complete, $17,507; 8188 ft. 8-in. vit. sewer pipe, $2.35 ft.; 17 manholes, $95 ea.; 4 junction chambers, $95 ea.; 2 flush tanks, $140 ea.; 4 lampholes, $20 ea.; 181 6-in. hse. connections $32 ea.

MERCED, Merced Co., Cal. — City trustees, W. W .Cornwell, clerk, declares inten. (No. 352) to imp. Q St., bet. 16th and 22nd Sts., involv. grade and pave with asph. conc. base, Willite process, 2½-in. thick with asph. conc. surface. Willite process with seal coat, 1½-in. thick; conc. curbs and gutters. 1911 Act and Bond Act 1915. Protests June 16. C. D. Martin, city eng.

NAPA, Napa Co., Cal.—Until June 9, 8 p. M., bids will be rec. by Howard E. Roper, Sec'y., Napa School District, to const. cem. walks fronting Lincoln school property in Main St.

LOS ANGELES, Cal.—Supervisors declare inten. to imp.:

Washington Blvd., bet. Culver City and Venice, 2.45 mi., under County Imp. No. 45, involv. 33,030 cu. yds. excav. (including removal of old macad., trees, walks, curbs, etc.); 57,578 sq. yds. subbase; 86,430 sq. yds. concr. pavement, 7 in. to 9 in. (pavement 60 ft., roadway curb to curb 78 ft.) Av. haul, 1.23 mi. from Culver City on P. E. Ry. Est. contr. price, $290,711.

Hardy St., bet. Hawthorne Ave. and Prairie Ave., 2585 ft. or .49 mi., under County Imp. No. 71, involving 4289 cu. yds. excav.; 11,694 sq. ft. gutter; 3258 ft. curb; 13,126 sq. ft. walk; 9116 sq. yds. National pavement top; 9116 sq. yds. asph. concr. base. Average haul, 10 mi. from Torrance. Est. contr. price, $38,865.25.

Hawthorne Ave., bet. city limits of Inglewood and city limits of Hawthorne 8001 ft. of 1.53 mi., under County Imp. No. 268, involv. 8790 cu. yds. excav.; 21,565 sq. yds. shaping; 21,565 sq. yds. concr. pavement; 7991 ft. shaping shoulders. Average haul, 2 mi., on A. T. & S. F. from Inglewood. Est. contract price, $61,423.95.

PASADENA, Cal.—City directors declare inten. to const. san. sewer in Sierra Bonita Ave., bet. n boundary of city of Pasadena and Mountain St., including manholes, flush tank, and wye branches; 1911 act. Bessie Chamberlain, city clerk.

VISALIA, Tulare Co., Cal. — Until June 16, 7:30 p. m., bids will be rec. by Ida Markham, city clerk, to imp. (Res. of Inten. 122) portions of West Center, West Main, West Acequia Sts., etc. involving const. of cem. conc. walks and curbs. 1911 Act & Bond Act 1915. Cert. check 10/ payable to city req. L. H. Gadsby, city engineer.

SACRAMENTO, Cal.—Until June 9, 8 p. m. bids will be rec. by R. L. Ennis, clerk, Fruit Ridge School District, to fur:

(1) 2 school bus bodies for 1½-ton chassis to seat approx. 30 pupils.

(2) Fur. 2 automobile chassis approx. 1½-ton capacity.

Cert. check 5% payable to Trustees of District req. Further information obtainable from clerk, Roosevelt and Sutter Aves., Sacramento.

LOS ANGELES, Cal.—Bd. Pub. Wks. takes bids shortly to fur. new fire alarm boxes under the $1,000,000 fire alarm bond issue voted 2 years ago. In the meantime the city council is to make an investivation of the cost of private work in San Francisco and Oakland, these cities being engaged in constructing their own boxes. After bids are secured, and the city council has the desired information, the council will decide whether the work will be done privately or by contract.

SACRAMENTO, Cal.—Until June 5, 9:15 p. m., bids will be rec. by H. G. Denton, city clerk, to fur. 2500 ft. 2½-in. and 900 ft. 1½-in. double jacket cotton rubber lined fire hose, in 50-ft. lengths with couplings attached. Cert. check 5% payable to City Controller required.

OAKLAND, Cal.—Until May 29, 11 a. m., bids will be rec. by Eugene K. Sturgis, city clerk, to imp. portions of Foothill Blvd, Place and East 16th Sts. Cert. check 10% payable to city req. Bond of $3500 required of successful bidder. W. W. Harmon, city eng.

PASADENA, Cal.—Until 11 a. m. June 2 bids will be rec. by city directors to fur. one oil burning steam shovel with water level dipper capacity of ¾ cu. yd. Spec. on file at office of city clk., Bessie Chamberlain. Cert. check 10%. Bond in sum of $3000 to be fur. by successful bidder. Payments, ¼ 60 days after acceptance, ¼ quarterly thereafter until full amount paid.

SACRAMENTO COUNTY, Cal.—Plans have been completed by State Highway Commission for two subways in connection with proposed Twelfth street highway entrance into Sacramento. The plans have been approved by Engineering Departments of W. P. and N. P. Railroads and will be submitted to administrative heads of the latter for approval. Early construction is contemplated.

OXNARD, Cal.—Election will be held June 3 to vote $16,000 bond issue for waterworks improvements, including a reinf. concr. reservoir and pumping plant consisting of two horizontal centrifugal pumps, motors, etc. Frank B. Pettis, city clerk.

SAN BERNARDINO, Cal.—Until 7:30 p. m., June 9, bids will be rec. by council to imp:

G St., bet. Pialto Ave. and 346.05 ft. s, grade; pave with 4-in. conc.

18th St., bet. A St. and Arrowhead Ave., const. conc. curbs and cem. sidewalks. 1911 act. J. H. Osborn, city clerk 28

RIVERSIDE, Cal.—Until 9:30 a. m., June 10, bids will be rec. by council to imp. Briscoe St., bet. Magnolia Ave. and block 237, So. Cal. Colony Assn. Lands; grade; pave with macad. roadway, const. conc. curbs, gutters, conc. alley entrance, conc. walks, etc.; 1911 act. C. B. Burns, city clerk.

FRESNO, Fresno Co., Cal.—Calif. Rd. & S. Imp Co., Bank of Italy Bldg., Fresno, at approx. $17,450 submits low bid to council to imp. Vagedes Ave., bet. Hedges and Weber Sts., involv. grading const. conc. curbs, gutter and driveway approaches; cem. conc. walks; corrugated metal culverts with manholes; pave with 3½-in. asph. conc. base with 1½-in. asph. conc. top course with liquid asph. rock screening surface coat. Other bids were: Thompson Bros $16,750; Federal Paving Co., $17,560

REDWOOD CITY, San Mateo Co., Cal—Election will be held June 24 to organize Belmont Sanitary District. Should district be formed, election will be called to vote bonds to finance construction of sewer system. Eliz. M. Kneese is county clerk.

EUREKA, Humboldt Co., Cal.—Until June 3, 8 p. m., bids will be rec. by A. Walter Kildale, city clerk, to const. 30-in. cem. conc. pipe storm sewer in Commercial St., together with manholes. Cert. check 10% payable to city req. Plans obtainable from Harry H. Hannah, city eng.

OAKLAND, Cal.—Until June 6, 11:30 a. m., bids will be rec. by E. K. Sturgis city clerk, to imp:

Portions of Gordon St., involv. grade and pave; const. curbs and gutters.

E-12th St., bet. High St. and pt. 163 ft. south; const. sewer with manhole, lamphole and wye branches.

Portions of Renwick St., involving grade and pave; const. curbs and gutters.

Portions of Monticello Ave., grade and pave; const. curbs, gutters and walks and portion of Vicksburg Ave; grade and pave; const. curbs, gutters, walks, storm water inlet and conduit.

All under 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city engineer.

LOS ANGELES, Cal.—Mandic, Anderson & Cristich, 309 Douglas Bldg., awarded contr. by Bd. Pub. Wks. at $19,495 to imp. Apex Ave., bet. Baxter and Duane Sts., involv. grading at $4381 (lump sum); 14,987 sq. ft. concr. paving, 23c ft.; 24,746 sq. ft. oil and roll 6.5c ft.; 3272 ft. curb, 55c ft.; 16,477 sq. ft. walk 20c ft.; 3776 sq. ft. conc. gutter 30c ft.; san. sewer complete, $2829.70.

O. U. Miracle, 1036 Lime Ave., Long Beach, awarded cont. at $15,005 to imp. Colina Ave., bet. Crown Hill Ave. and Acacia St., involv. grading at $1450 (lump sum); 36,279 sq. ft. conc. paving 23.5c ft; 2081 ft. curb 69c ft.; 10,385 sq. ft. walk 21.5c ft.; storm drain, $550; 522 ft. hsc. sewers $1.55.

OAKLAND, Cal.—City council contemplates new highway from E-17th St. and 8th Ave. to Lakeshore Blvd., to divert traffic from 12th St. dam, approx 10 blocks in length .Plan is advanced by W. J. Baccus, commissioner of streets. W. W. Harmon, city eng.

INGLEWOOD, Cal.—Geo. H. Oswald, 366 E 58th St., Los Angeles, submitted low bid to city trustees at $52,916 to imp. Olive St. bet. Grevillea Ave. and Oak St., involving 191,397 sq. ft. grading 5c ft; 6460 ft. curb 60c ft; 9543 sq. ft. gutter 30c ft; 30,022 sq. ft. walk 20c ft; two culverts $1100; 117,426 sq. ft. 5-in. asph. conc. paving 24.5c ft.; 34 water services $11 each. Other bids were: L. A. Paving Co., $56,107.14; Geo. R. Curtis Paving Co., Inc., $57,114.48; Warren Constr. Co., $57,219.64.

Geo. R. Curtis Paving Co., Inc., 2440 E 26th St., Los Angeles, low bidder at $17,570 to imp Nectarine St., bet. Cedar and Nash Aves., involving 75,375 sq. ft. grading $2.10 lin. ft., 2473 ft. curb 60c ft., 12,326 sq. ft. walk 20c ft; 46,126 sq. ft. 5-in. asph. conc. paving 23c ft; 34 water services at $11 each. Other bids were: Geo. H. Oswald, $18,001.29; Braun, Bryant & Austin, $18,424.64; Warren Constr. Co., $19,147.17.

Al Nichols, Box 573, Inglewood, low bidder at $3330 to imp. Hazel St., bet. Commercial and Hawthorne Sts., involv 29,196 sq. ft. grading 3.9c ft., 947 ft. curb 66c ft., 219 sq. ft. gutter 29c ft., 3657 sq. ft. walk 22c ft., culvert $65, 17,918 sq. ft. class A oiling 5.1c ft., 6 water services $12.50 each.

COMPTON, Cal. — City trustees declare inten. to imp. Maple St., between Compton and Arambe Aves., etc., grade; pave with 5-in. conc. pavement, cem. class "B" curb, 4-in .class "B" cast iron water main, with fire hydrants, valves, etc.; 1911 act. Maude Hecock, city clerk

BURBANK, Cal.—City officials have state board of health permit for new sewer system. About $17,000 is available for the purchase of a sewer farm at Empire and Pioneer Sts. and the installation of a septic treatment plant and a sewer main and lateral system costing $300,000 is planned under the Vrooman act.

MONTEREY, Monterey Co., Cal. — City votes bonds of $27,000 to finance paving of Lighthouse Ave. H. D. Severance, city engineer.

SAN JOSE, Santa Clara Co. ,Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, awarded cont. by council to imp. 22nd St., bet. Santa Clara and William; San Fernando and San Antonio Sts., bet. 21st and 23rd Sts; Beach alley bet. 21st and 22nd Sts., involv. grade and pave with 1½-in. Warrenite-bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curbs and gutters; cem. walks; hyd. cem. conc. alley driveways.

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Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2343	Field	Field	8000
2344	Bush	Owner	9500
2345	Fasani	Owner	3250
2346	Starkey	Meyer	3000
2347	Carroll	Kelly	5000
2348	Duffy	Magill	3000
2349	Veynie	Rench	4500
2350	McKnight	Owner	4000
2351	Wagner	Owner	85000
2352	Hardeman	Johnson	6300
2353	Mt. Olivet	Martinelli	6470
2354	Mt. Olivet	Bender	730
2355	Mt. Olivet	Smith	853
2356	Mt. Olivet	Fair	240
2357	Mt. Olivet	Pinkerton	1412
2358	Mt. Olivet	MacGruer	2382
2359	Mt. Olivet	Soule	10483
2360	Mt. Olivet	Fraser	1405
2361	Mt. Olivet	Fuller	1745
2362	S. P. Co.	Barrett	——
2362	Hardiman	Owner	20000
2363	Welsh	Owner	72000
2364	Schultz	Owner	12000
2365	Hoppe	Owner	4000
2366	Prout	Owner	5000
2367	Sharman	Owner	4000
2368	Laven	Stone	40000
2369	Wahren	Krogh	5000
2370	Anderson	Owner	16000
2371	Diggins	Kelly	5800
2372	Norton	Dahlberg	4000
2373	Parkside Rlty	Owner	8000
2374	Pera	Owner	4000
2375	Welsh	Owner	6000
2376	Same	Same	6000
2377	Raeto	Owner	3000
2378	Schwartz	Owner	5000
2379	Ohlsen	Owner	3000
2380	Helbing	Owner	16000
2381	Lapham	Lapham	7000
2382	Kelly	Owner	4000
2383	Young	Pene	1700
2384	Mahoney	Coburn	13986
2385	Vayssie	Owner	1500
2386	Levy	Barrett	1500
2387	G G Cloak	Kulchar	20000
2388	Lombardi	Lindsay	4000
2389	Casson	Ingraham	12127
2390	S. P.	Tibbits	1020
2391	Sichel	Meyer	4220
2392	Standard	McCurtain	3000
2393	Kruseberger	Meyer	6000
2394	Morris	Owner	6000
2395	Couffigual	Owner	2000
2396	Torre	Owner	15000
2397	Caylor	Meyer	8000
2398	Hancock	Meyer	1000
2399	Del Monte	Pagano	18000
2400	McCarthy	Arnott	3000
2401	Same	Same	3000
2402	R C Archbishop	Carroll	8594
2403	Gunn	Roselli	4000
2404	Filligini	De Francais	1500
2405	Leone	Owner	2800
2406	White	Owner	16000
2407	Fogarty	Owner	3300
2408	Weissbein	Parker	2000
2409	Micallef	Sherry	2500
2410	Johnson	Owner	9000
2411	De Martini	Owner	15000
2412	Delemikes	Owner	30000
2413	Giacobbi	Hpuf	16000
2414	Crespi	Owner	2700
2415	Leyrene	MacMillan	1000
2416	Nelson	Owner	12000
2417	Amskold	Johnston	4500
2418	Anderson	Owner	4000
2419	Smith	Owner	4000
2420	Fogarty	Reed	4500
2421	Mahoney	Coburn	13986
2422	Mahoney	Davison	950
2423	P. G. & E.	Butte	72132
2424	Sixth Church	Carroll	12296
2425	Sixth Church	Coburn	4218
2426	Sixth Church	Decker	2165
2427	Sixth Church	Perrano	1525
2428	Costa	Filippis	18888
2429	Rude	Vanucci	2000
2430	Mahoney	Sullivan	7000
2431	Crocker	Owner	8000
2432	Crocker	Owner	3300
2433	Crocker	Owner	4500
2434	Witbeck	Owner	3000
2435	Barbieri	Owner	1500
2436	Schaefer	Brueck	3000
2437	De Hoff	Owner	2800
2438	Crocker	Owner	3800
2439	Crocker	Owner	6600
2440	Dahlman	Owner	3000
2441	Hansell	Owner	10000
2442	Kallo	Digerness	7000
2443	Crocker	Owner	3500
2444	Crocker	Owner	3300
2445	Kristovick	Owner	1000
2446	Hind	Owner	18000
2447	Hind	Owner	7000
2448	Gourlay	Owner	1000
2449	Pac. Union	Ludlow	4800
2450	Harris	Lindeman	13325
2451	Ragusa	Harder	12000
2452	Randell	Pereira	10670
2453	Galetto	Lindeman	13350
2454	Newhouse	Harder	11990
2455	Kleiber	Barrett	119210
2456	Herzog	Nelson	6800
2457	Heyman	Owner	9000
2458	Connell	Coburn	4000
2459	Heyman	Owner	3500
2460	Parkside	Owner	4000
2461	Same	Same	4000
2461	Parkside	Owner	4000
2462	West. States	Porter	3379
2463	Mineret	Roth	1050
2464	Erath	Koenig	10000

DWELLING
(2343) NW DEWEY BLVD. 170 NW Pacheco. 2-story and basement frame dwelling.
Owner—Alice M. Field, 572 62nd St., Oakland, Calif.
Architect—None.
Contractor—Fred H. Field, 572 62nd St., Oakland, Calif. $8000

APARTMENTS
(2344) W SAN JOSE AVE. 734 S 29TH. 2-story and basement frame (3) apartments.
Owner—F. Bush, 615 San Bruno Ave., San Francisco.
Architect — Andrew H. Knoll, Hearst Bldg., S. F. $9500

DWELLING
(2345) NW LAGUNA AND GREENwich Sts. 1-story and basement frame dwelling.
Owner—Louis Fasani, 1721 Lombard St. San Francisco.
Architect—None. $3250

DWELLING
(2346) W NINETEENTH AVE. 125 N Quintara. 1-story and basement frame dwelling.
Owner—R. P. and Mary A. Starkey, 1 Montgomery St., Room 603, S. F.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. $3000

DWELLING
(2347) E SIXTEENTH AVE. 135 S Judah. 1-story and basement frame dwelling.
Owner—Daniel J. Carroll, 1055 Church St., S. F.
Architect—None.
Contractor—R. H. Kelly, 57 Grattan St., San Francisco. $5000

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DWELLING
(2348) W TWENTIETH AVE. 133-4 S Taraval. 1-story and basement frame dwelling.
Owner—N. T. Duffy, 623 41st Ave., S. F.
Architect—None.
Contractor—C. T. Magill, 581 4th Ave., San Francisco. $3000

DWELLING
(2349) E TWENTY-SECOND AVE. 154 S Irving. 1-story and basement frame dwelling.
Owner—Theo. Veynle, 545 Brannan St., San Francisco.
Architect—None.
Contractor—M. C. Rench, 545 Brannan St., S. F. $4500

DWELLING
(2350) W WHITTIER 238½ N Brunswick. 1-story and basement frame dwelling.
Owner—W. R. McKnight, 852 Moultrie St., S. F.
Plans by owner. $4000

STORES
(2351) N MARKET 225 E Marshall Sq. 4-story and basement reinforced concrete stores and offices.
Owner—W. B. Wagnon, 325 Bush St., San Francisco.
Architect—Rousseau & Rousseau, 1171 Market St., S. F. $85,000

SHOP, GARAGE
S O'FARRELL 109 E VAN NESS AVE. 1-story and basement reinforced concrete machine shop and garage.
Owner—California City & Land Co., 381 Bush St., S. F.
Architect—B. G. McDougall, 353 Sacramento St., S. F.
Contractor—Cahill Bros., Sharon Bldg., San Francisco. $18,778
NOTE — Recorded contract reported May 22, 1924, No. 2341.

SHOP
S IRVING 32-6 E TWENTY-SEVENTH Ave. 1-story frame butcher shop and grocery.
Owner—Fannie S. Akard, 4167 20th St., San Francisco.
Architect—None.
Contractor—G. Sandberg, 425 20th Ave., San Francisco. $4500
NOTE — Recorded contract reported May 22, 1924, No. 2340.

STORE FITTINGS
(2352) 906 MARKET STREET, (Douglas Bldg.) All work for store fittings.
Owner—The J. T. Hardemen Hat Co., 22 Powell St., S. F.
Architect—Chas. E. Gottschalk, 760 Market St., S. F.
Contractor—Ostlund & Johnson.
Filed May 22, 1924. Dated May 20, 1924.
On completion and acceptance ..75%
Usual 35 days 25%
TOTAL COST, $6300
Bond, sureties, forfeit, none. Limit, 50 days. Plans and specifications filed.

CONCRETE BLDG.
(2353) N O'FARRELL 137-½ E Leavenworth E 85-10½ x N 137-6. All carpenter and mill work for 2-story and basement reinforced concrete building.
Owner—Mount Olivet Cemetery Association, 988 Market St., S. F.
Architect—W. H. Crim, Jr., and Hamilton Murdock, 425 Kearny St., S. F.
Contractor—J. Martinelli, 150 Jessie St., San Francisco.
Filed May 22, 1924. Dated May 13, 1924.
1st and 15th of each month....75%
Usual 35 days 25%
TOTAL COST, $6470
Bond, $3235. Sureties, John Cassaretto and Pilade Carmignani. Forfeit, $40. Limit, as fast as required. Plans and specifications filed.

(2354) ROOFING AND ASPHALTING on above.
Contractor—J. W. Bender Roofing and Paving Co., 180 Jessie St., S. F.
Filed May 22, 1924. Dated May 13, 1924.
Payments same as above.
TOTAL COST, $730
Bond, sureties, none. Forfeit, $40. Limit, 5 days after notified. Plans and specifications filed.

(2355) ELECTRIC WIRING ON ABOVE
Contractor—Smith Electric Co., 50 Natoma St., S. F.
Payments same as above.
TOTAL COST, $853
Bond, sureties, none. Forfeit, $40. Limit, as fast as required. Plans and specifications filed.

(2356) MISCELLANEOUS IRON WORK on above.
Contractor — Fair Manufacturing Co., 617 Bryant St., S. F.
Filed May 22, 1924. Dated May 20, 1924.
Payments same as above.
TOTAL COST, $840
Bond, sureties, none. Forfeit, $40. Limit, as fast as required. Plans and specifications filed.

(2354) PLUMBING ON ABOVE.
Contractor — James H. Pinkerton Co., 180 Jessie St., S. F.
Filed May 22, 1924. Dated May 13, 1924.
Payments same as above.
TOTAL COST, $1412
Bond, $706. Sureties, Frank A. Stauffacher and Thos. S. Steele. Forfeit, $40. Limit, as fast as required. Plans and specifications filed.

(2358) LATHING AND PLASTERING on above.
Contractor—MacGruer & Simpson, 266 Tenama St., S. F.
Filed May 22, 1924. Dated May 14, 1924.
Payments same as above.
TOTAL COST, $2382
Bond, $1191. Sureties, Union Indemnity Co. Forfeit, $40. Limit, as fast as required. Plans and specifications filed.

(2359) REINFORCING STEEL WORK on above.
Contractor—Edw. L. Soule Co., Inc., Rialto Bldg., S. F.
Filed May 22, 1924. Dated May 9, 1924.
Payments same as above.
TOTAL COST, $10,483
Bond, $5242. Sureties, L. B. Parker and Geo. H. Lux. Forfeit, $40. Limit, as fast as required. Plans and specifications filed.

(2360) PAINTING, WHITEWASHING, varnishing, etc., on above.
Contractor—J. P. Fraser, 2809 Geary St., S. F.
Filed May 22, 1924. Dated May 9, 1924.
Payments same as above.
TOTAL COST, $1405
Bond, $703. Sureties, C. T. Spader and Wm. E. Bonton. Forfeit, $40. Limit, 10 days after mill work done. Plans and specifications filed.

(2361) GLASS AND GLAZING ON above.
Contractor — W. P. Fuller & Co., 301 Mission St., S. F.
Filed May 22, 1924. Dated May 10, 1924.
Payments same as above.
TOTAL COST, $1745
Bond, $873. Sureties, H. H. Somers and N. B. Wagner. Forfeit, $40. Limit, as fast as required. Plans and specifications filed.

(2362) EXTENDING TIME FOR CONstruction of steel frame awning on Channel Street warehouse to May 31, 1924.
Owner—Southern Pacific Co., 65 Market St., S. F.
Architect—None.
Contractor—Barrett & Hilp, 918 Harrison St., S. F.
Filed May 22, 1924, Dated May 10, 1924.

APARTMENTS
(2362) N CLEMENT 32-6 W Twenty-fifth Ave. Three-story and basement frame stores and (2) apartments.
Owner—Michael D. Hardiman, 423 38th Ave., San Francisco.
Architect—None. $20,000

DWELLINGS
(2363) E ELLINGTON 25, 50, 75, 100, 125, 150, 175, 200, 225, 250, 275 and 300 N Mt. Vernon.
W ELLINGTON 25, 50, 75, 100, 125, 150, 175, 200, 225, 250, 275 and 300 N Vermont. Twenty-four one-story and basement frame dwlgs.
Owner—Jas. Welsh, 1 Northwood Drive, San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $3000 ea

DWELLINGS
(2364) W FORTY-EIGHTH AVE 100, 125, 150 and 175 S Cabrillo. Four one-story and basement frame dwellings.
Owner—Niels Schultz, 46 Kearny St., San Francisco.
Architect—None.
Contractor—Schultz Constr. Co.; 46 Kearny St., S. F. $3000 each

DWELLING
(2365) SW GIRARD 100 S Wayland. One-story and basement frame dwelling.
Owner—Joseph W. Hoppe, 3 Brussels St., San Francisco.
Architect—None. $4000

DWELLING
(2366) S MERCED 95 N Pacheco. One-story and basement frame dwelling.
Owner—J. Prout, 515 Magellan Ave., San Francisco.
Architect—None. $5000

DWELLING
(2367) W NEWHALL 25 N Quesada. One-story and basement frame dwelling.
Owner — T. L. Sharman, 1440 Shafter Ave., San Francisco.
Architect—None. $4000

APARTMENTS
(2368) SE O'FARRELL AND STEINER Three-story and basement frame (15) apartments.
Owner—J. Laven, Hearst Bldg., S. F.
Architect—J. C. Hladik, Mills Bldg., San Francisco.
Contractor—A. L. Stone, 1102 Nevada Bank Bldg., S. F. $40,000

DWELLING
(2369) W SEVENTEENTH AVE. 25 S Balboa. One-story and basement frame dwelling.
Owner—G. Wahren, 1601 Balboa St., San Francisco.
Architect—None.
Contractor—Peter M. Krogh, 128 10th Ave., San Francisco. $5000

FLATS
(2370) W SEVENTH AVE 175, and 200 S Judah. Two two-story and basement frame flats (2 flats in each building).
Owner—S. R. Anderson, 4002 22nd St., San Francisco.
Architect—None. $8000 each

DWELLING
(2371) E SIXTEENTH AVE 185 S Judah. Two-story and basement frame dwelling.
Owner—John Diggins, 885 Waller St., San Francisco.
Architect — Andrew H. Knoll, Hearst Bldg., San Francisco.
Contractor—R. H. Kelly, 57 Grattan St., San Francisco. $5800

DWELLING
(2372) E TWENTY-EIGHTH AVE 275 S Taraval. One-story and basement frame dwelling.
Owner — Ernest Norton, 1801 Golden Gate Ave., San Francisco.
Architect—None.
Contractor—Dahlberg & Peterson, 1560 10th Ave., San Francisco. $4000

DWELLINGS
(2373) E TWENTY-SEVENTH AVE 150 and 175 N Taraval. Two one-story and basement frame dwlgs.
Owner—Parkside Realty Co., 618 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000 each

RESIDENCE
(2374) E TWENTY-SIXTH AVE 150 N Irving. Two-story and basement frame residence.
Owner—V. Pera, 2706 Greenwich St., San Francisco.
Architect—None. $4000

DWELLINGS
(2375) N VERMONT 80 and 175 W Mission. Two one-story and basement frame dwellings.
Owner—Jas. Welsh, 1 Northwood Dr., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $3000 ea

DWELLINGS
(2376) NE MT. VERNON AND ELLington and NW Mt Vernon and Ellington. Two one-story and basement frame dwellings.
Owner—Jas. Welsh, 1 Northwood Dr., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $3000 ea

DWELLING
(2377) W ATHENS 250 S France. 1-story and basement frame dwelling
Owner—A. Raeto, 1101 Geneva Ave., San Francisco.
Architect—None. $3000

ALTERATIONS
(2378) SW BUSH AND FRANKLIN Sts. Move interior partitions in apartments; electric work; plastering; painting.
Owner—I. Schwartz, care architect.
Architect—Mel I. Schwartz, 1202 Nevada Bank Bldg., San Francisco. $5000

DWELLING
(2379) N CABRILLO 31-6 E 41st Ave. 1-story and basement frame dwlg.
Owner—A. H. Ohlsen, 2431 Post St., San Francisco.
Architect—None. $3000

APARTMENTS
(2380) S CHESTNUT 109 E Van Ness Ave. 3-story and basement frame (6) apartments.
Owner—Wm. Helbing, 1332 Lombard St San Francisco.
Architect—The Helbing Co., 1332 Lombard St., S. F. $16,000

DWELLING
(2381) S CLEMENT 140 E 38th Ave. 2-story and basement frame dwlg.
Owner—A. R. Lapham, 6311 Geary St., San Francisco.
Architect—Lapham Building Co., 6311 Geary St., S. F. $7000

DWELLING
(2382) S ENTRADA 100 W Borica. 1-story and basement frame dwlg.
Owner—F. P. Kelly, 370 Ashton Ave., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000

ALTERATIONS
(2383) 1198 FOLSOM ST. Plastering store interior; concrete flooring; new front.
Owner—Mrs. Joe Young, 827 Guerrero St., San Francisco.
Architect—None.
Contractor — Pene and Hodges, 1230 Folsom St., S. F. $1700

FLATS
(2384) N GREEN 124-2 W Octavia. 2-story and basement frame (2) flats
Owner—Mrs. Delia Mahoney, 57 Post St., San Francisco.
Architect—Geo. Wiemeyer, 57 Post St., San Francisco.
Contractor — Ira W. Coburn, Hearst Bldg., San Francisco. $13,986

ALTERATIONS
(2385) NW HOWARD & SIXTH STS. Rearrange front for hotel.
Owner—Alex Vayssie, care architect.
Architect—Fabre and Hildebrand, 110 Sutter St., S. F. $1500

SUN PORCH
(2386) N LAKE 100 W 16th Avenue. Add sun porch to dwelling.
Owner—David Levy.
Architect—R. W. Jenkins.
Contractor—Barrett & Hilp, 918 Harrison St., S. F. $1500

ALTERATIONS
(2387) NO. 867 MARKET ST. Reconstruct show windows; remove and reconstruct interior partitions; install fixtures, etc.
Owner—Golden Gate Cloak and Suit House, premises.
Architect—E. W. Cannon, Central Bk. Bldg., Oakland.
Contractor—S. Kulchar Co., E 10th and Park Way, Oakland. $20,000

DWELLING
(2388) N MAYNARD 25 E Congdon. 1-story and basement frame dwlg.
Owner—Clemente Lombardi, 227 Maynard St., San Francisco.
Architect—None.
Contractor—Lindsay Construction Co., 271 Winchester St., S. F. $4000

FLATS
(2389) S CLAY 218-9 W Fillmore W 25 x S 127-4½. All work for 2-story and basement frame bldg. (flats).
Owner—Jean P. & Irene F. Casson, care architects.
Architect—Albert J. Fabre and E. H. Hildebrand, 110 Sutter St., S. F.
Contractor — Mark C. Ingraham, 165 Fell St., San Francisco.
Filed May 23, 1924. Dated May 16, 1924.
Ready for roof $3030
White coated 3030
Completed and accepted 3032
Usual 35 days 3035
TOTAL COST, $12,127
Bond, $6064; Sureties, J. C. Moore Jr. & J. C. Moore; Forfeit, $5; Limit, 100 days Plans and specifications filed.
NOTE—Permit reported May 15, 1924 No. 2226.

MOVING
(2390) ALL WORK FOR MOVING 3 fire hydrants of high pressure system from W 5th at Townsend, Bluxom and Brannan Sts. to E 5th at point opposite present location.
Owner—Southern Pacific Co., 65 Market St., S. F.
Architect—None.
Contractor — Tibbetts Pacific Co., 16 California St., S. F.
Filed May 23, 1924. Dated May 12, 1924.
At close of each month 75%
Usual 35 days 25%
TOTAL COST, $1020
Bond, $1020. Sureties, Fidelity & Deposit Co. of Maryland. Forfeit, none. Limit, 60 days. Plans not filed. Specifications filed.

BUILDING
(2391) W FORTIETH AVE 100 S Anza S 25 x W 120. All work for 1-story and basement frame building.
Owner—Malvin A. Sichel, 634 21st Ave., San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 First Natl Bank Bldg., San Francisco.
Filed May 23, 1924. Dated May 22, 1924.
Roof sheathing in place....$1055.12
Brown coated 1055.13
Completed and accepted 1055.12
Usual 35 days 1055.13
TOTAL COST, $4220.50
Bond, Forfeit, none; Limit, 90 days; plans and specifications, none.

BOILERS
(2392) NO. 2450 HARRISON ST. All work for unloading four cars and erecting 2 150-h. p. boilers.
Owner — Standard Laundry Co., 3004 16th St., San Francisco.
Architect—None.
Contractor—B. L. McCurtain, Monadnock Bldg., San Francisco.
Filed May 23, '24. Dated May 19, '24.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $3000
Bond, $1600. Surety, Globe Indemnity Co. Limit, forfeit, plans and specifications, none.

DWELLINGS
(2393) N ELIZABETH 178 and 203-6 E Noe. Two one-story and basement frame dwellings.
Owner—A. L. Kruzeberger, 3210 22nd St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco. $3000 each

DWELLING
(2394) W FIFTEENTH AVE 100 N Lake. One-story and basement frame dwelling.
Owner—A. T. Morris, 687 11th Ave., San Francisco.
Architect—None. $6000

DWELLING
(2395) N HALE 35 E Merrill. One-story and basement frame dwelling.
Owner—Marius Eli Couffigual, 198 Hale St., San Francisco.
Architect—None. $2000

FLATS
(2396) E LEAVENWORTH 37-6 S Greenwich. Two-story and basement frame (3) flats.
Owner—F. Torre, 2338 Taylor St., San Francisco.
Architect—Paul F. DeMartini, 946 Broadway, San Francisco. $15,000

DWELLINGS
(2397) E THIRTY-SIXTH AVE 300 & 325 S Geary. Two one-story and basement frame dwellings.
Owner—Fred E. Caylor, Rm 1, 1 Montgomedy St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco. $4000 each

DWELLING
(2398) E TWENTY-THIRD AVE 50 N Kirkham. One-story and basement frame dwelling.
Owner—G. Hancock, 603 1st National Bank Bldg., San Francisco.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco. $1000

FLATS
(2399) NW UNION AND TAYLOR. Three-story and basement frame (4) flats.
Owner—A. Del Monte, 860 Union St., San Francisco.
Architect—Paul F DeMartini, 946 Broadway, San Francisco.
Architect—None.
Contractor—B. Pagano. $18,000

BUNGALOW
(2400) N FLOOD AVE 250 E Edna E 25x N 112-6. All work for one-story frame bungalow.
Owner—The McCarthy Co., 316 Bush St., San Francisco.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
Filed May 24, '24. Dated May 15, '22.
30 days after framing..... 25%
30 days after brown coated... 25%
30 days after com. and accp... 25%
Usual 35 days..... 25%
TOTAL COST, $3000
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

BUNGALOW
(2401) SE GRAFTON AVE AND Brighton Ave S 25xE 75 Ptn. Lots 26, 27 and 28 Blk 1, Lakeview. All work for one-story frame bungalow
Owner—The McCarthy Co., 316 Bush St., San Francisco.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.
Filed May 24, '24. Dated May 22, '24.
30 days after framing..... 25%
30 days after brown coated... 25%
30 days after com. and accp... 25%
Usual 35 days..... 25%
TOTAL COST, $3000
Bond, none. Limit, 90 days. Forfeit, $1. Plans and specifications filed.

RECTORY
(2402) N GEARY bet. 8th and 9th Aves. Interior and exterior lathing and plastering for Star of the Sea Rectory.
Owner — The Roman Catholic Archbishop of S. F., 1100 Franklin St., San Francisco.
Architect—John O. Lofquist, 1399 Tamalpais St., Berkeley.
Contractor—Carroll & O'Brien.
Filed May 24, '24. Dated Apr. —, '24.
On 1st of each month..... 75%
Usual 35 days..... 25%
TOTAL COST, $8594
Bond, $8594. Surety, Fidelity & Deposit Co. of Maryland. Limit, as fast as possible. Forfeit, none. Plans and specifications filed.

DWELLING
(2403) N ARMY 154 E Noe. One-story and basement frame dwelling.
Owner—W. J. Gunn, 55 Pearl St., S. F.
Architect — A. W. Richardson, 941 Church St., San Francisco.
Contractor—G. B. Roselli, 473 London St., San Francisco. $4000

ALTERATIONS
(2404) NO. 1740 CHURCH. Raise and make addition for store.
Owner—Joseph Filligini, 1740 Church St., San Francisco.
Architect—None.
Contractor—N. De Francais, 630 Lisbon St., San Francisco. $1500

DWELLING
(2405) S EXCELSIOR 25 W Naples. One-story and basement frame dwelling.
Owner—Luigi Leone.
Architect—None. $2800

REPAIRS
(2406) W FILLMORE — N Geary. General repairs and changes for store.
Owner—Robert White Co., 425 Kearny St., San Francisco.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., San Francisco. $16,000

DWELLING
(2407) E FORTY-SEVENTH AVE 210 S Balboa. One-story and basement frame dwelling.
Owner—Margaret C. Fogarty.
Architect—F. C. Reed, 683 7th Ave., S. F
Contractor—F. C. Reed, 683 7th Ave., San Francisco. $3300

BATTERY STATION
(2408) SE GEARY AND COOK STS. 1-story frame battery station.
Owner—Weissbein Bros., 582 Market St. San Francisco.
Architect—A. J. Stern, 742 Market St., San Francisco.
Contractor—C. F. Parker. $2000

DWELLING
(2409) E GOETTINGEN 100 S HARKness. 1-story and basement frame dwelling.
Owner — Sanerio Micallef, 50 Mill St., San Francisco.
Architect and contractor—Frank Sherry, 1447 McKinnon Ave., S. F. $2500

APARTMENTS
(2410) S HANCOCK 175 W CHURCH. 2-story and basement frame (4) apartments.
Owner — Thomas Johnsen, 561 Clipper San Francisco.
Architect—None. $9000

FLATS
(2411) E LEAVENWORTH 75 S Greenwich. 2-story and basement frame (3) flats.
Owner—Paul DeMartini, 2227 Taylor St., S. F.
Architect—P. F. DeMartini, 946 Broadway, S. F. $15,000

APARTMENTS
(2412) N McALLISTER 125-5 E Divisadero. 3-story and basement frame (12) apartments.
Owner—C. Evangelou & P. Delenikos, % architect.
Architect—C. O. Clausen, Hearst Bldg., San Francisco. $30,000

FACTORY
(2413) E NINTH 35 S HOWARD. 2-story and mezzanine floor concrete factory.
Owner—L. A. Giacobbi & Sons.
Engineer & Contractor—J. H. Hjul, 128 Russ St., S. F. $16,000

DWELLING
(2414) N SADOWA 388 E CAPITOL. 1-story and basement frame dwlg.
Owner—A. Crespi.
Architect—None. $2700

ALTERATIONS
(2415) 331 SUTTER STREET. Change front; close up stairway; plastering, etc.
Owner—E. Levrene, 331 Sutter St., S. F.
Architect—None.
Contractor—R. S. K. MacMillen, 2641 Howard St., S. F. $1000

FLATS
(2416) E TWENTY-NINTH AVE. 125, 150 N Clement. Two 2-story and basement frame flats, 2 in each.
Owner—N. J. Nelson, 354 29th Ave., San Francisco.
Architect—None. $6000 each

DWELLING
(2417) S ULLOA 274, 920 W GRANville Way. 1-story and basement frame dwelling.
Owner—E. C. Amskold, 2942 California St., S. F.
Architect—Baumann & Jose, 251 Kearny St., S. F.
Contractor — G. Johnston, 1035 Geary St., S. F. $4500

DWELLING
(2418) S LIBERTY 330 E NOE. 1-story and basement frame dwlg.
Owner—Axel Anderson, 707 Gates St., San Francisco.
Architect—None. $4000

DWELLING
(2419) E THIRTY-FOURTH AVE. 150 S Lincoln Way. 1-story and basement frame dwelling.
Owner—Byrd O. Smith, 718 Shrader St., San Francisco.
Architect—None. $4000

BUNGALOW
(2420) E FORTY-SEVENTH AVE 210 S Balboa S 45xE 120. All work for one-story bungalow.
Owner—Margaret C. Fogarty, 240 Lake St., San Francisco.
Architect—F. Carroll Reed, 683 7th Ave., San Francisco.
Contractor—F. Carroll Reed, 683 7th Ave., San Francisco.
Filed May 26, '24. Dated May 23, '24.
Roof on $1125
Rough coat plaster on..... 1125
Interior carpenter work on.... 1125
Usual 35 days..... 1125
TOTAL COST, $4500
Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.

FLAT BLDG.
(2421) N GREEN 124-2 W Octavia W 29-6xN 137-6. All work except plumbing for two-story and basement frame flat building.
Owner — Delia Mahoney, 57 Post St., San Francisco.
Architect—Geo. H. Wiemeyer, 57 Post St., San Francisco.
Contractor—Ira W. Coburn, Hearst Bldg., San Francisco.
Filed May 26, '24. Dated May 26, '24.
Rough frame up.....$3496.50
Brown coated 3496.50
Completed and accepted..... 3496.50
Usual 35 days..... 3496.50
TOTAL COST, $13,986.00
Bond, $6993. Sureties, Geo. Rehs and A. W. Read. Limit, 120 days. Forfeit, none. Plans and specifications filed.
NOTE—Permit reported May 24, 1924 No. 2384.

(2422) PLUMBING ON ABOVE.
Contractor—Frank Davison, 765 Brannan St., San Francisco.
Filed May 26, '24. Dated May 26, '24.
Roughed in $475.00
Completed and accepted..... 237.50
Usual 35 days..... 237.50
TOTAL COST, $950.00
Bond, $475. Sureties, Thos. P. Sullivan and G. P. Childers. Limit, 120 days. Forfeit, none. Plans and specifications filed.

OFFICE BLDG.
(2423) E MARKET AND BEALE NE 137-6xSE 138-2. Electric wiring for new General Office building.
Owner—Pacific Gas & Electric Co., 445 Sutter St., San Francisco.
Architect—None.
Contractor—Butte Electric Equipment Co., 530 Folsom St., S. F.
Filed May 26, '24. Dated May 16, '24.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $72,132
Bond, $37,000. Surety, Hartford Accident & Indemnity Co. Limit, forfeit, none. Plans and specifications filed.

BRICK BLDG.
(2424) SE DIVISADERO AND CLAY, — 106-3 S 127-8¼, W 25, N 25, W 81-3, N 102-8¼. All work for lathing, metal furring, ornamental plaster, etc., for 1-story mezzanine and basement brick building.
Owner—Sixth Church of Christ Scientists, 1903 Fillmore St., S. F.
Architect—W. H. Crim, Jr., and Hamilton Murdock, 425 Kearny St., S. F.
Contractor—Carroll & O'Brien, 180 Jessie St., S. F.
Filed May 26, 1924. Dated May 12, 1924.
1st and 15th of each month 75%
TOTAL COST, $12,296
Bond, $6148. Sureties, J. J. Daly and Jeremiah Lynch. Forfeit, none. Limit, as fast as possible. Plans and specifications filed.

(2425) FURRING AND FLOORING ON above.
Contractor—Ira W. Coburn, 712 Hearst Bldg., S. F.
Filed May 26, 1924. Dated May 12, 1924.
Payments same as above.
TOTAL COST, $4,218
Bond, $2109. Sureties, C. Sartores and Geo. Rehn. Forfeit, none. Limit, as fast as required. Plans and specifications filed.

(2426) ELECTRICAL WIRING ON above.
Contractor — Decker Electrical Construction Co.
Filed May 26, 1924. Dated May 12, 1924.
Payments same as above.
TOTAL COST, $2165
Bond, sureties, forfeit, none. Limit, as fast as possible. Plans and specifications filed.

(2427) STAIRS ON ABOVE.
Contractor—L. S. Pelrano.
Filed May 26, 1924. Dated May 10, 1924.
Roughed in $762.50
Completed 386.25
Usual 35 days 386.25
TOTAL COST, $1,525.
Bond, $762.50. Sureties, Fidelity & Deposit Co. of Maryland. Forfeit, none. Limit, as fast as required. Plans and specifications filed.

FRAME BLDG.
(2428) NE FILBERT AND TAYLOR, N 24 x E 62-9. All work for 2-story and basement frame bldg.
Owner—Frank Costa, 472 Union St., San Francisco.
Architect—L. Traverso, 854 Union St., San Francisco.
Contractor — Vincenzo Filippis, 1527 Powell St., S. F.
Filed May 26, 1924. Dated May 23, 1924.
Steel beams in place and 1st story joists in place $3541.50
Roof on 3541.50
Brown coated 3541.50
Completed and accepted 3541.50
Usual 35 days 3541.50
TOTAL COST, $18,888
Bond, $9444. Sureties, Continental Casualty Co. Forfeit, none. Limit, 100 days after May 28, 1924. Plans and specifications filed.

CONCRETE WORK
(2429) NW BAKER AND PACIFIC Ave. Reinforced concrete work for private garage.
Owner—S. M. Rude, Pacific and Baker Sts., S. F.
Designer—H. W. Bott, 1533 15th St., San Francisco.
Contractor—L. Vannucci Bros., 401 Church St., S. F. $2000

FLATS
(2430) W BRYANT 234 S 23RD. 2-story and basement frame (2) flats
Owner—Hanna Mahoney, 3253 Harrison St., S. F.
Architect—None.
Contractor—T. D. Sullivan, 969 Hampshire St., S. F. $7000

DWELLINGS
(2431)) NW CHICAGO WAY AND S Hill Blvd.; and N Chicago Way 236 W Naylor. Two 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., S. F.
Architect—None. $4500 & $3500

DWELLING
(2432) W CORDOVA 36 N PRAGUE. 1-story and basement frame dwlg.
Owner—Crocker Estate Co., 525 Crocker Bldg., S. F.
Architect—None. $3300

DWELLING
(2433) NW DRAKE AND WINDING Way. 1-story and basement frame dwelling.
Owner—Crocker Estate Co., 255 Crocker Bldg., S. F.
Architect—None. $4500

DWELLING
(2434) N FLORENTINE 108-5 E Mission. 1-story and basement frame dwelling.
Owner—Geo. W. Witbeck, 3066 22nd St., San Francisco.
Architect—None. $3000

ALTERATIONS
(2435) SW GEARY AND 16TH AVE. Extend market bldg. 40x22 ft., by 12 ft. high.
Owner—P. Barbieri, 1486 California St., San Francisco.
Architect — P. Righetti, 12 Geary St., San Francisco. $1500

DWELLING
(2436) NW GIRARD AND BURROWS Sts. 1-story and basement frame dwelling.
Owner—Chas. J. Schaefer, — Girard St San Francisco.
Architect and contractor—M. Brueck, 600 Charter Oak Ave., S. F. $3000

DWELLING
(2437) N JOOST AVE. 225 E Foerster. 1-story and basement frame dwlg.
Owner—S. H. DeHoff, 180 Jessie St., San Francisco.
Architect—None. $2800

DWELLING
(2438) E NAYLOR 33 N CHICAGO Way. 1-story and basement frame dwelling.
Owner—Crocker Estate Co., 525 Crocker Bldg., S. F.
Architect—None. $3800

DWELLINGS
(2439) W PENINSULA 64 AND 96 N Bay Shore. Two 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., S. F.
Architect—None. $3300 each

DWELLING
(2440) E SEVENTEENTH AVE. 125 S Taraval. 1-story and basement frame dwelling.
Owner—John A. Dahlman, 339 Frederick St., S. F.
Architect—None. $3000

APARTMENTS
(2441) W TENTH AVE. 225 S Lincoln Way. 2-story and basement frame (4)) apartments.
Owner — George H. Hansel, 349 10th Ave., S. F.
Architect—None. $10,000

DWELLINGS
(2442) N TRUMBULL 120 AND 150 E Craut. Two 1-story and basement frame dwellings.
Owner—Max K. Kallo, 1318 26th Ave., San Francisco.
Architect—None.
Contractor—J. Digerness. $3500 each.

DWELLING
(2443) E TUNNEL 420 N BAY SHORE. 1-story and basem ent frame dwlg.
Owner—Crocker Estate Co., 525 Crocker Bldg., S. F.
Architect—None. $3500

DWELLING
(2444) S WINDING WAY 100 E Cordova. 1-story and basement frame dwelling.
Owner—Crocker Estate Co., 525 Crocker Bldg., S. F.
Architect—None. $3300

ALTERATIONS
(2445) E CAPP 100 N 24TH. Concrete foundation; underpin and remodel for private garage, dwelling.
Owner—Tom Kristovich, 2977 16th St., San Francisco.
Architect—None. $1000

FLATS
(2446) S GROVE 100 AND 124 W Baker. Two 2-story and basement frame flats, 2 fitts in each bldg.
Owner—Hind Building Co., 711 Hearst Bldg., S. F.
Architect—W. G. Hind, 711 Hearst Bldg San Francisco. $9000 each.

RESIDENCE
(2447) S GROVE 148 W BAKER. 2-story and basement frame residence.
Owner—Hind Building Co., 711 Hearst Bldg., S. F.
Architect — W. G. Hind, 711 Hearst Bldg., S. F. $7000

ALTERATIONS
(2448) E WISCONSIN 150 S 19TH. Concrete foundation; underpin for private garage quarters.
Owner—Mr. Gourlay, 852 Carolina St., San Francisco.
Architect—None. $1000

REFRIGERATORS, ETC.
(2449) CALIFORNIA AND MASON. All work for new refrigerators, brine tank and equipment for Union Club Bldg.
Owner—The Pacific Union Club, California and Mason Sts., S. F.
Architect—Engineers Hunter & Hudson, Rialto Bldg., S. F.
Contractor—Jas. T. Ludlow, 460 Montgomery St., S. F.
Filed May 27, 1924. Dated May 22, 1924. On 10th of each month to be made of cost during preceding month.
TOTAL COST—Actual cost not to exceed $4,350, contractor to receive $500.
Bond, sureties, forfeit, none. Limit, 35 days. Plans and specifications filed.

APARTMENTS
(2450) S CALIFORNIA 160 E 17TH Ave. E 26-8 x S 96-1. All work for 2-story and basement frame bldg., 4 apartments.
Owner—David and Franklin I. Harris, 516 Sutter St., S. F.
Architect—None.
Contractor—H. O. Lindeman, 619 27th Ave., S. F.
Filed May 27, 1924. Dated Apr. 23, 1924.
Ready for foundation.....$ 325.
Roof on 3250
Brown coated 3250
Completed and accepted 3250
Usual 35 days 3250
TOTAL COST, $13,325
Bond, sureties, forfeit, none. Limit, 120 days. Plans and specifications filed

FFRAME BLDG.
(2451) N CHESTNUT 164-9 W VAN Ness Ave. W 27-6 x N 137-6. All work except lighting fixtures, shades and electric radiators for 2-story and basement frame bldg.
Owner—Melchrore & Carmela Rogusa, 431 Broadway, S. F.
Architect—Paul di Mutini, 946 Broadway, S. F.
Contractor — John Harder, 870 39th Ave., S. F.
Filed May 27, 1924. Dated March 1, 1924
Frame up $3000
Brown coated 3000
Completed and accepted 3000
Usual 35 days 3000
TOTAL COST, $12,000
Bond, sureties, forfeit, none. Limit, 100 days. Plans and specifications filed
NOTE—Permit reported Mar. 6, 1924, No. 984.

FLAT BLDG.
(2452) WNINETEENTH AVE. 126 S Judah S 25 x W 120. All work for 2-story frame flat bldg.
Owner—Jacob Randell, 1452 Steiner St. San Francisco.
Architect—None.
Contractor—John A. Pereira, 1430 19th Ave., San Francisco.
Filed May 27, 1924. Dated May 26, 1924.
Roof on $2667.25
Brown coated 2667.25
Completed and accepted ... 2667.25
Usual 35 days 2667.25
TOTAL COST, $10,670
Bond, Forfeit, Limit, Plans and specifications, none.
NOTE—Permit reported May 20, 1924 No. 2300.

BUILDING
(2454) W SIXTEENTH AVE. 153-11 N Clement W 120 x N 25. All work for 2-story and basement frame bldg.
Owner—Lenore Newhouse, 1563 Lyon St., San Francisco.
Architect—None.
Contractor—John Harder, 870 39th Ave. San Francisco.
Filed May 27, 1924. Dated Feb. 14, 1924.
Frame up $2997.50
Brown coated 2997.50
Completed and accepted 2997.50
Usual 35 days 2997.50
TOTAL COST, $11,990
Bond, Forfeit, none; Limlt, 100 days; Plans and specifications filed.
NOTE—Permit reported Feb. 16, 1924 No. 654.

APARTMENTS
(2453) W OCTAVIA 75 S FRANCISCO S 25 x W 110. All work for 2-story and basement frame apartment building.
Owner — Domenic Gallette, 259 Francisco, S. F.
Architect—None.
Contractor—H. O. Lindeman, 619 27th Ave., S. FF.
Filed May 27, 1924. Dated Apr. 24, 1924.
Enclosed $3387.50
Brown coated 3337.50
Completed 3337.50
Usual 35 days 3337.50
TOTAL COST, $13,350
Bond, sureties, forfeit, none. Limit, 120 days. Plans and specifications filed

(2455) NW TENTH AND FOLSOM. All work for concrete and steel factory building.
Owner—The Kleiber Motor Truck Co., 11th and Folsom Sts., S. F.
Architect—The Austin Co., 708 Santa Fe Bldg., S. F.
Contractor—Barrett & Hilp.
Filed May 27, 1924. Dated May 23, 1924.
1st and 15th of each month 75%
Usual 35 days 25%
TOTAL COST, $119,210
Bond, $59,605. Sureties, Fidelity & Deposit Co. of Maryland. Forfeit, none. Limit, 180 days. Plans and specifications filed.

DWELLINGS
(2456) W FORTY-FIRST AVE 225 & 250 N Balboa. Two one-story and basement frame dwellings.
Owner — Dr. Geo. Herzog, 146 20th Ave., San Francisco.
Architect—None.
Contractor—Henry S. Nelson, 689 6th Ave., San Francisco. $3400 ea

DWELLINGS
(2457) N MORSE 100 and 125 E Newton. Two two-story and basement frame dwellings.
Owner—Oscar Heyman & Bro., 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco. $4500 each

REPAIRS
(2458) NO. 317 PAGE. Repair fire damage to apartments.
Owner—T. J. Connell, 4339 18th St., San Francisco.
Architect—None.
Contractor—Chas. Coburn, 180 Jessie St., San Francisco. $4000

DWELLING
(2459) NE SILVER AVE & BOWDOIN One-story and basement frame dwelling.
Owner—Oscar Heyman & Bro., 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco. $3500

DEWLLING
(2460) S TARAVAL 57-6 'E Thirty-second Ave. One-story and basement frame store and dwelling.
Owner — Parkside Realty Co., 618 Crocker Bldg., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000

DWELLING
(2461) W THIRTIETH AVE 100 S Taraval. One-story and basement frame dwelling.
Owner — Parkside Retlty Co., 618 Crocker Bldg., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000

FLOORS, ETC.
(2462) NE SIXTH AND STEVENSON. All work for composition floors, wall base and stair treads for building.
Owner—The Western States Life Ins. Co., Market and 6th Sts., S. F.
Architect—Reid Bros., 105 Montgomery St., S. F.
Contractor—S. J. Porter Co., 74 New Montgomery St., S. F.
Filed May 28, 1924. Dated May 23, 1924.
Floor completed in 2nd story....75%
Mezzanine floor and all stair case work completed, additional....75%
Completed and accepted, contract price less previous payments..75%
Usual 35 days 25%
TOTAL COST, $3379.20
Bond, $1600. Sureties, Maryland Casualty Co. Forfeit, none. Limit, June 14, 1924. Plans and specifications filed.

ALTERATIONS
(2463) 171 THIRD STREET. All work for rebuilding gas range and plumbing and carpenter work for building.
Owner—G. Mineret.
Architect—None.
Contractor—A. N. Roth, 996 Mission St., San Francisco.
Filed May 28, 1924. Dated Jan. 24, 1924.
Apr. 25, 1924 .....$1050
TOTAL COST, $1050
Bond, sureties, forfeit, limit, none. Specifications filed. Plans not filed.

(2464) E WILLARD — NWoodland Ave. 2-story and basement frame (2) flats.
Owner—Mrs. Hilda Erath.
Architect — Mel. I. Schwartz, Nevada Bank Bldg., S. F.
Contractor — Chas. J. U. Koenig, 520 Church St., S. F. $10,000

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

May 22, 1924—S TWENTY-EIGHTH 100 E Dolores E 26xS 114. Annie O'Connor to whom it may concern .....May 19, 1924

May 22, 1924—S CHESTNUT 160-5 W Octavia W 22-11xS 137-6. F Arthur Gawthorne to whom it may concern .....May 20, 1924

May 22, 1924—LOT 18 BLK 6439 Crocker Amazon Tract Sub 2; Lot 17 Blk 6439 Crocker Amazon Tract Sub 2. Crocker Estate Co to whom it may concern.....May 13, 1924

May 22, 1924—SE MISSION 155-11 NE Nineteenth NE 39-7⅞ S 80 SW 6⅞ SE 80 SE 40 NW 75 NE 0-11 NW 85. F J Klenck to L Vannucci Bros. .....May 16, 1924

May 22, 1924—N CLEMENT 57-6 W Twenty-eighth Ave W 25xN 77-6. Victor Zullmes to whom it may concern.....May 18, 1924

May 22, 1924—W TWENTY-EIGHTH Ave 77-6 N Clement 22-6x82-6. Victor Zullmes to whom it may concern.....May 20, 1924

May 22, 1924—WHEELER AVE 35 N Bay Shore Ave N 33xW 90. Crocker Estate Co to whom it may concern.....May 13, 1924

May 22, 1924—W CORDOVA 37-6 N Munich 37-6x100. Henry Stoneson to whom it may concern. May 22, 1924

May 22, 1924—W MIRAMAR AVE 275 S Grafton Ave S 25xW 112-6 Lot 42 Blk 13, Lakeview. Meyer Bros to whom it may concern...May 21, 1924

May 22, 1924—SE TWENTY-EIGHTH Ave and Anza S 50xE 75. Theodore G Meyer to Meyer Bros. .May 21, 1924

May 22, 1924—S COMMERCIAL 60 E Montgomery E 49-6 S 59-6 E 6-3 S 60 W 26 N 60 W 30 N 59-6. Pacific Gas & Electric Co to Duncanson Harrelson Co.....May 15, 1924

May 22, 1924—W TWENTY-EIGHTH Ave 60 N Cabrillo N 75 No. 775-779-783 28th Ave. Norman and Anna Nelson to J Harold Johnson..... .....May 20, 1924

May 22, 1924—E CORDOVA 75 N Munich 25x91.23. Julius Rudolph to whom it may concern. May 19, 1924

May 22, 1924—SE DIVISADERO AND Clay along Clay 106-3 S 127-8¼ W 25 N 25 W 81-3 N 102-8¼. Sixth Church of Christ Scientist to Alta Roofing Co, United Sheet Metal Works and Gladding, McBean Co... .....May 17, 1924

May 22, 1924—W FRANKLIN 35 S Broadway 38x120. Wells Fargo Bank & Union Trust Co to M E Greene, Fred Wagner, J A Black, B L Zellinsky.....May 6, 1924

May 24, 1924—N BAY SHORE AVE 90 W Wheeler Ave W 30xN 100 Ptn Blk 11, Crocker Bay Shore Tract. Crocker Estate Co to whom it may concern.....May 20, 1924

May 24, 1924—N BAY SHORE AVE 50 E Tunnel Ave E 30xN 100 Ptn Blk 11, Crocker Shore Tract. Crocker Estate Co to whom it m ay concern .....May 20, 1924

May 24, 1924—LOT 5 BLK 6452, Crocker Amazon Tract Sub 2. Crocker Estate Co to whom it may concern.....May 20, 1924

May 24, 1924—LOT 14 BLK 6439, Crocker Amazon Tract Sub 2. Crocker Estate Co to whom it may concern.....May 20, 1924

May 24, 1924—LOT 7 BLK 6438, Crocker Amazon Tract Sub 2. Crocker Estate Co to whom it may concern.....May 20, 1924

May 24, 1924—LOT 8 BLK 6438, Crocker Amazon Tract Sub 2. Crocker Estate Co to whom it may concern.....May 20, 1924

May 24, 1924—LOT 9 BLK 6438, Crocker Amazon Tract Sub 2. Crocker Estate Co to whom it may concern.....May 20, 1924

May 24, 1924—E FOURTEENTH AVE 275 S Irving S 75x120. The Roman Catholic Archbishop to T Kiesel and Severin Elec Co....May 15, 1924

May 24, 1924—E THIRTY-FOURTH Ave 25 S Lincoln Way S 25xE 90. Byrd O Smith to whom it may concern.....May 19, 1924

May 24, 1924—S 5 FT. LOT 16 and all Lot 15 Blk 3251, Balboa Terrace O M Hueter to Boxton & Zwieg... .....May 21, 1924

May 24, 1924—N THERESA 240 W Mission. G Mazera to A De Benedetti.....

May 23, 1924—PTN LOT 6 BLK 2, West End Map 2 being SE San Jose Ave 29-1⅛ NE Naglee Ave. Stefano Bertone to whom it may concern.. .....May 17, 1924

May 23, 1924—PTN LOT 6 BLK 2 West End Map 2, being SE San Jose Ave 55-7⅛ NE Naglee. Stefano Bertone to whom it may concern. .....May 17, 1924

May 23, 1924—SE NINTH AND Tehama 30x80. Carrie C McLenegan to Jas H Hjul.....May 16, 1924

May 23, 1924—W EIGHTH AVE 225 S Cabrillo S 25xW 120. Otto Anderson to whom it may concern... .....May 21, 1924

May 23, 1924—W SEVENTEENTH AV 110 N Judah N 50xW 120. Wm F Altvater to Meyer Bros..May 21, 1924

May 23, 1924—W TWENTY-THIRD Ave. 275 S Lincoln WayS 25 x W 120. George J. & Julia M. Elkington .....May 19, 1924

May 23, 1924—W TWENTY-NINTH Ave. 275 S Balboa S 25 x W 120. W. A. Miller to whom it may concern .....May 22, 1924

May 23, 1924—LOT 16 BLK 22 ST. Francis Wood Extn. 2. Leon C. Garcia to Edw. A. Johnson..... .....May 21, 1924

May 23, 1924—LOT 26 BLK 6417 Crocker Amazon Tct. Walter N. Koch to L. M. Weismann. Feb. 1, '24

May 26, 1924—NE POWELL & POST N 137-6xE 162-9. Wm M and Mary E Fitzhugh to Forerer Corrice Works, May 8, 1924; Mealey & Collins.....May 20, 1924

May 26, 1924—W DOUGLAS 160 N Twenty-second 25x125. Armas A Pilpari to who mit may concern... .....May 26, 1924

May 26, 1924—SW GREEN AND Pierce W 70xS 50. Adam Schaefer to Joel Johnson & Son...May 26, 1924

May 26, 1924—W THIRTY-FOURTH Ave 125 N Ulloa. Mrs. Mary McCarthy to whom it may concern... .....May 10, 1924

May 26, 1924—W THIRTY-SIXTH Ave 100 N Irving N 75xW 120. John E and Ethel M McCarthy to whom it may concern.....May 27, 1924

May 26, 1924—SE MARKET 43 SW Noe SW 62-2⅞ S 88-4¼ E 80 N 42-9¼ W 32-8 N 86-0⅝. W L Heise to Chas Haggans.....May 23, 1924

May 27, 1924—LOTS 34 AND 35 and Ptn Lot 33 Blk 2975, Merritt Terrace. St. George Holden to whom it may concern.....May 26, 1924

May 27, 1924—SE LINCOLN WAY & Thirtieth Ave. Mrs. Cleo A Neher to F W Varney.....May 23, 1924

May 27, 1924—NE GROVE AND Shrader N 38xE 101-3. Frisk & Swanson to whom it may concern. .....May 27, 1924

May 27, 1924—S GENEVA 103 m or l E Paris Lot 5 Blk 6, Amazon Crocker Tract. Dr. H R Painton to Newson Co.....May 27, 1924

May 27, 1924—E THIRTY-EIGHTH Ave 25 S Anza S 50xE 100. J W Edmonds to Meyer Bros..May 22, '24

May 27, 1924—W BRUSSELS AND Felton SW 25xNW 100 Lot 5 Blk 7, Railroad Ave Hd Assn. Samuel Sarri to whom it may concern... .....May 24, 1924

May 24, 1924—N BALBOA 127-6 W Fifteenth Ave 25x100 No. 1430-32 Balboa St. G R Johnson to whom it may concern.....May 27, 1924

May 27, 1924—LOT 28, BLK 3175 and lot 1 Blk 3162, Westwood Park. Hans & Esther E Nelson to whom it may concern.....May 23, 1924

May 27, 1924—E BELCHER 245 S Duboce Ave 30x120. O Anderson to whom it may concern..May 27, '24

May 27, 1924—LOTS 12, 13, 14, 15 and 16 Blk "C" and Lot 19 Blk "G" Mission Terrace. Walter E Hansen to whom it may concern..May 23, '24

May 27, 1924—W NINETEENTH AVE 253-4 S Rivera S 100xW 120. Monroe R Schwartz and Grover C George to whom it may concern .....May 27, 1924

May 27, 1924—E TWENTY-SECOND Ave 175 N Irving 125x120. Jos L and Sylvia K Licht to A M Hardy .....May 27, 1924

May 27, 1924—NW TWENTIETH AV and Irving N 37-6xW 100. A F Magrane to whom it may concern .....May 27, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

May 26, 1924—E THIRD AVE 100 S Clement. Spring Valley Lumber Yard vs Geo M Merritt Bldg Co and George W Mertes.....$96.90

May 26, 1924—N SACRAMENTO 118-9 E Steiner E 25xN 128. Bode Gravel Co vs Geo M Merritt Bldg Co and Alexander Philip Verner.....$106.56

May 26, 1924—N LIBERTY 105 E Noe E 50xN 114. Bode Gravel Co vs Geo M Merritt Bldg Co and John and Rose Duffy.....$264.06

May 26, 1924—S CLAY 134-9 E Steiner E 25xS 127-4½. Spring Valley Lumber Yard vs Geo M Merritt Bldg Co and Charles and Bertha Gettes..... ..... $1518.01

May 26, 1924—N LIBERTY 105 E Noe E 50xN 114 Ptn M B 108. Spring Valley Lumber Yard vs Geo M Merritt Bldg Co and John and Rose Duffy $122.52

May 26, 1924—W THIRD AVE 110 S Hugo S 25xW 120. Spring Valley Lumber Yard vs Geo M Merritt Bldg Co and Marie Ash and Teresa A Wilson $662.97

May 23, 1924—SW ARMY & GUERrero S 26-6 x W 100. White Bros. vs Michael & Rose Bresllin..$268.75

May 23, 1924—N SACRAMENTO 137-6 E Hyde E 45-10xN 137-6. R. Kasso, $74.38; Dan Cooper, $62 vs Louis D Stoff and M Bernstein.....

May 28, 1924—NE REVERE AVE 150 NW Rankin NW 50xNE 100 Lots 31 and 32 Blk 343 O'Neil & Haley Tct. E C Moran vs V Petrocchi.....$170

May 27, 1924—UNION 110-3⅝ W Van Ness Ave. W 50-8⅝ N 143.67 E 30-11.75 S 45 SE 38-1⅞ S 65-7⅜. Inlaid Floor Co vs Angelo and Mary Ghighone.....$194

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

May 24, 1924—SE MARKET 325 SW Third SW 25xSE 100. Revere Investment Co as to improvements on property .....

May 26, 1924—NE VALENCIA AND Clinton Park N 75xE 80. Willa M Hashrook as to improvements on property .....

May 26, 1924—S TURK bet. Taylor and Jones No. 141 Turk. Mortimer A Samuel as to improvements on property .....

May 21, 1924—NW MARKET 50 SW Marshall Square. Marian Realty Co as to improvements on property

RELEASE OF BLDG. CONTRACT

SAN FRANCISCO COUNTY

May 27, 1924—W NINETEENTH AVE 126 S Judah S 25xW 120. John A Pereira and Jacob Randall.

BUILDERS BOND

SAN FRANCISCO COUNTY

May 19, 1924—W NINETEENTH AVE 126 S Judah. Jacob Randall, owner with John A. Pereira, contractor. Bond, $4500. Chas E and H L Reinhart, Sureties.

NOW READY FOR DELIVERY—PRIDDLE'S TABLES, called "3700 Splay Bases and Other Calculations," for Quantity Surveyors and Contractors.

Loose Leaves in Fabrikoid Covers $3.50 Net, Postpaid. Same in Genuine Leather Covers $5.50 Net, Postpaid.

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BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2793	Filhes	Gaubers	2950
2794	Carlson	Owner	4000
2795	Davenport	Larmer	7650
2796	Anderson	Owner	5000
2797	Moller	Metz	1150
2798	McKenna	Lydiksen	2000
2799	Indelicato	Dubnoff	3000
2800	Frederickson	Lodge	3800
2801	Skaggs	Lammer	1000
2802	Saroni	Pond	3400
2803	Ferguson	Pond	3400
2804	Ketcham	Owner	2000
2805	Holabird	Michielsen	9500
2806	Heeseman	Leiter	8500
2807	Alberti	Boller	3000
2808	Markel	Bay City	1000
2809	Rizo	Merritt	4335
2810	Hanson	Owner	1200
2811	Wallon	Flusher	1100
2812	Simon	Borden	2750
2813	Un Trust	Smith	5000
2814	Ralston	Owner	3500
2815	Brookers	Brookers	4150
2816	Heroux	Cooper	1500
2817	Bersch	Bay City	7500
2818	Hirschfeld	Nylander	6300
2819	Quadros	Matheson	2000
2820	Wagner	Owner	7000
2821	Murphey	Fairfax	1500
2822	Greene	Owner	2500
2823	Croll	Moe	5000
2824	Gray	Smith	4000
2825	Hughes	Reimers	4750
2826	Marquis	Owner	3000
2827	Glenn	Chinn	3500
2828	Marquis	Owner	3000
2829	McNaughton	Owner	5000
2830	Soldatl	Hambleton	7900
2831	Henry	Brden	12000
2832	Spring Valley	West	....
2833	Short	Short	5200
2834	Dinwiddie	Dinwiddie	8300
2835	Boyd	Boyd	5100
2836	Dawson	Webb	3000
2837	Norton	Peppin	7500
2838	Healy	Owner	3000
2839	Powell	S. F. Bldrs.	8600
2840	Clausen	Wierk	3000
2841	Warren	Nelson	5500
2842	Williams	Pfrang	5950
2843	Meyer	Pfrang	8900
2844	Illinois	Davison	42000
2845	Fish	Owner	4850
2846	Fisher	Owner	4750
2847	Rodke	Hebel	3000
2848	Carlson	Owner	3500
2849	Goldstein	Owner	13000
2850	Power	Power	4000
2851	Peck	Zetterblad	4000
2852	Thompson	Carper	6000
2853	Krygell	Beekley	5300
2854	Skoghberg	Hedeen	3000
2855	Holt	Owner	1000
2856	Donovan	Wells	1700
2857	Emrich	Clausen	5300
2858	Duerr	Owner	3000
2859	Anderson	Owner	3000
2860	Anderson	Owner	3000
2861	Quinn	Anderson	1000
2862	Veal	Baker	3900
2863	Morgensen	Owner	5000
2864	Field	Owner	24000
2865	Kappa	Conner	12000
2866	Fox	Owner	2900
2867	Brewer	Owner	5000
2868	Guilford	Kidder	6800
2869	Weinstock	Smith	11500
2870	Kulash	Knight	13750
2871	Doolittle	Coward	1000
2872	Alder	Owner	4000
2873	Moulin	Pasqualetti	1200
2874	Gonsalves	Conner	3650
2875	Whitaker	Owner	2000
2876	Stone	Owner	3100
2877	Schmitt	Coward	3000
2878	Williams	Owner	5000
2879	City of Oak.	Bd. Educ.	5000
2880	Stone	Owner	2750
2881	Stone	Owner	2750
2882	Cameron	Owner	1000
2883	Colborn	Owner	1800
2884	Jacobsen	Owner	3675
2885	Parent	Owner	4200
2886	City of Oak.	Bd. Educ.	5000
2887	Wronski	Owner	2000
2888	Great West.	Owner	60000
2889	Flenti	Perona	3500
2890	Davis	Owner	4200
2891	Brazier	Owner	4500
2892	Miller	Owner	2000
2893	Janson	Sigge	2750
2894	Yater	Hathaway	2650
2895	West	Vernon	2000
2896	Mather	Owner	5000
2898	Huntley	Owner	3000
2899	Roy	Owner	1600
2900	Biasotti	Walker	4500
2901	Blackman	Owner	1000
2902	De Rosa	Owner	2500
2903	Parsons	Owner	9000
2904	Wilson	Owner	3250
2905	Pattenson	Perry	3000
2906	Matsuoka	Owner	1500
2907	Thorne	Owner	3500
2908	Nicolla	Oakley	3200
2909	Steel	Schenck	6500
2910	Marshall	Owner	3000
2911	Rose	Owner	2750

DWELLING
(2793) 9415 A STREET, Oakland. 1-story 4-room dwelling.
Owner—C. Filhes, 1260 94th Ave., Oakland.
Architect—None.
Contractor — N. Gaubert, 4735 Brookdale Ave., Oakland. $2950

DWELLING
(2794) W BOSTON AVE. 202 N Hopkins St., Oakland. 1-story 5-room dwelling.
Owner—Martin Carlson, 770 20th St., Oakland.
Architect—None. $4000

DWELLING
(2795) NE COR. FLORIO & ROCKwell Sts., Oakland. 2-story 7-room dwelling.
Owner—Edward Davenport.
Architect—None.
Contractor—Edward Larmer, 90 Fairview Ave., Oakland. $7650

DWELLING
(2796) 1301 HOLMAN ROAD, Oakland. 1-story 6-room dwelling.
Owner—C. M. Andersen, 1853 9th Ave., Oakland.
Architect—None. $5000

BAKE OVEN
(2797) 3004 HOPKINS ST., Oakland. Brick bake oven.
Owner—A. Moller.
Architect—None.
Contractor—Paul Metz, 855 44th St., Oakland. $1150

ALTERATIONS
(2798) 1842 IRVING AVENUE., Oakland. Alterations.
Owner—Mrs. E. McKenna, premises.
Architect—None.
Contractor—G. H. Lydiksen, 1616 25th Ave., Oakland. $2000

DWELLING
(2799) E NINETY-EIGHTH AVE. 50 S Russett St., Oakland. 1-story 4-room dwelling.
Owner—Carlo Indelicato, 2121 8th St., Oakland.
Architect—None.
Contractor—H. Dubnoff, 3479 Shattuck Ave., Berkeley. $3000

DWELLINGS
(2800) S RUTH ST. 261 E Kingsland Ave., Oakland. 1-story 5-room dwlg
Owner—Mrs. C. K. Frederickson, 603 Irving St., San Francisco.
Architect—None.
Contractor—C. F. Lodge, 5494 Bond St., Oakland. $3800

ALTERATIONS
(2801) 1622 SAN PABLO AVE., Oakland. Alterations.
Owner — Skaggs Cash Stores, Lyon Bldg., Oakland.
Architect—None.
Contractor—P. J. Lammer, 475 Rose St. Oakland. $1000

DWELLING & GARAGE
(2802) E 68TH AVE 310 S FLORA St., Oakland. 1-story 5-room dwlg. and garage.
Owner—Louis Saroni, 733 Battery St., San Francisco.
Architect—None.
Contract—C. P. Pond, 6664 East 14th St., Oakland. $3400

DWELLING
(2803) W 68TH AVE 240 S FLORA St., Oakland. 1-story 5-room dwlg.
Owner—E. C. Ferguson, 6664 East 14th St., Oakland.
Architect—None.
Contractor—C. P. Pond, 6664 East 14th St. ,Oakland. $3400

DWELLING
(2804) E 64TH AVE 50 S MAJESTIC Ave., Oakland. 1-story 5-rm. dwlg.
Owner—F. Ketcham, 3520 64th Ave., Oakland.
Architect—None. $2000

DWELLING & GARAGE
(2805) W STONEWALL AVE., OAKland. 2-story 8-room dwelling & garage.
Owner—Holabird & Stringham.
Architect—None.
Contractor—J. P. Michielsen, 1638 Alcatraz Ave., Oakland. $9500

ELEVATOR & PENT HOUSE
(2806) NW COR 13TH & CLAY STS., Oakland. Elevator & Pent House.
Owner—Chas. J. Heeseman, 15th and Washington, Oakland.
Architect—None.
Contractor—E. T. Leiter & Son, 407 Call Bldg., San Francisco. $8500

DWELLING
(2807) S 13TH ST 300 W KIRKHAM St., Oakland. 1-story 5-room dwlg.
Owner—Louis Alberti, 1401 13th St., Oakland.
Architect—None.
Contractor—J. H. Boller, 1925 Grove St., Oakland. $3000

ALTERATIONS
(2808) 478 12TH ST., OAKLAND. Alterations.
Owner—A. Markel, 427 26th St., Oakland.
Architect—None.
Contractor—Bay City Cabinet Co., 1080 5th St., Oakland. $1000

DWELLING
(2809) LOT 47 BLOCK 1012 SITUAated on the South side of 41st distant 118 ft. from E of Grove St (as recorded. General contract for 2-family dwelling.
Owner—N. Rizzo, 3725 Foothill Blvd., Oakland.
Architect—Paul Lavergne.
Contractor—G. W. Merritt, 7934 Ney Ave., Oakland.
Filed May 22, 1924. Dated May —, 1924.
When roof is on.....$ 778.33
Brown plaster is on..... 778.33
When completed 778.33
35 days after acceptance..... 2000.00
TOTAL COST, $4335.00
Bond, .none; .sureties, .none; forfeit, none; plans and specifications filed.

ALTERATIONS
(2810) NO. 2921 FULTON ST., Berkeley. Alterations.
Contractor—H. O. Hanson, 2921 Fulton
Architect—None.
Contractor—H. O. Manson, 2921 Fulton St., Berkeley. 1200

ALTERATIONS
(2811) NO. 1042 OXFORD ST., Berkeley. Alterations.
Owner—M. F. Wallon.
Architect—None.
Contractor—C. M. Flusher. $1100

DWELLING
(2812) NO. 1206 RUSSELL ST., Berkeley. Dwelling.
Owner—A. J. Simon, Palm Court, San Leandro.
Architect—None.
Contractor—F. W. Borden, 490 Estudua Ave., San Leandro. $2750

ALTERATIONS
(2813) NW TELEGRAPH AVE AND Durant, Berkeley. Alter store front
Agent—Union Trust Co.
Architect—None.
Contractor—H. C. Smith, 2011 Francisco St., Berkeley. $5000

DWELLING
(2814) E AUSEON AVE. 25 S HOLLY St., Oakland. 1-story 5-room dwlg.
Owner — M .F. Ralston, 3381 Peralta Ave., Oakland.
Architect—None. $3500

DWELLING
(2815) 2954 CALIFORNIA STREET, Oakland. 1-story 5-room dwelling and garage.
Owner—F. W. S. Brookes, 3456 Fruitvale Ave., Oakland.
Architect—None.
Contractor—W. R. Brookes, 2921 California St., Oakland. $4150

BOAT HOUSE
(2816) SW COR. EL CENTRO AND Hollywood Aves., Oakland. Boat house.
Owner—F. A. Heroux, 1326 Broadway, Oakland.
Architect—None.
Contractor—Henry Cooper. $1500

ADDITION
(2817) 1080 FIFTH STREET, Oakland. Brick addition.
Owner—Carl Bersch, 1080 5th St., Oakland.
Architect—A. W. Smith, American Bank Bldg., Oakland.
Contractor—Bay City Cabinet Co., 1080 5th St., Oakland. $7500

DWELLING
(2818) 358 PERRY STREET, Oakland. 2-story 8-room dwelling and garage.
Owner—M. L. Hirschfeld, 825 Lakeshore Ave., Oakland.
Architect—None.
Contractor — Nylander Brothers, 1610 Excelsior Ave., Oakland. $6300

DWELLING
(2819) 3266 RHODA AVE., Oakland. 1-story 3-room dwelling.
Owner—G. A. Quadros, 130 14th St., Oakland.
Architect—None.
Contractor—Matheson & Dorrance, 3026 Florida St., Oakland. $2000

DWELLING
(2820) N SANTA RAY AVE. 400 W Carlston Ave., Oakland. 1-story 6-room dwelling.
Owner — Henry J. Wagner Co., 2200 Clinton Ave., Alameda.
Architect—None. $7000

ALTERATIONS
(2821) W SEVENTH-FOURTH AVE. 1600 N E-14th St., Oakland. Alterations and addition.
Owner—J. Murphy, 1661 74th Ave., Oakland.
Architect—None.
Contractor—Fairfax Realty Co., 5212 E-14th St., Oakland. $1500

DWELLING
(2822) E SIXTY-EIGHTH AVE. 200 S Rudsdale Ave., Oakland. 1-story 4-room dwelling.
Owner—C. J. Greene, 510 28th St., Oakland.
Architect—None. $2500

DWELLING
(2823) E SIXTY-SEVENTH AVE. 205 S Bond St., Oakland. 1-story 6-room dwelling.
Owner—W. A. Croll, 1905 69th Ave., Oakland.
Architect—None.
Contractor—H. A. Moe, 4116 Allendale Ave., Oakland. $5000

DWELLING
(2824) SW COR. THIRTY-EIGHTH & Market Sts., Oakland. 1-story 6-room dwelling.
Owner—E. B. Gray, 2231 Blake Block, Oakland.
Architect—None.
Contractor — A. Smith, 1469 1st Ave., Oakland. $4000

DWELLING
(2825) E WINSOR AVE. 322 N Lakeshore Ave., Oakland. 1-story 6-room dwelling.
Owner—E. C. Hughes, 110 Market St., San Francisco.
Architect—None.
Contractor — F. H. Reimers, Tribune Bldg., Oakland. $4750

DWELLING
(2826) 1588 ADA ST., Berkeley. Dwlg.
Owner—R. E. Marquis, 2045 Shattuck Berkeley.
Architect—None.
Contractor—R. C. Marquis, 2045 Shattuck, Berkeley. $3000

ALTERATIONS
(2827) 2316 BOWDITCH, Berkeley. Alteratins.
Owner—J. D. Glenn, 3130 B Cllege Ave, Berkeley.
Architect—Nne.
Cntractr—W. J. Chinn, 1908 Parker, Berkeley. $3500

DWELLING
(2828) 1362 MIRAMONTE, Berkeley. Dwelling.
Owner—R. E. Marquis, 2045 Shattuck, Berkeley.
Architect—Nne.
Cntractr—R. E. Marquis, 2040 Shattuck Berkeley. $3000

DWELLING
(2829) W STRATFORD RD. 100 N Brookwood Rd., Oakland. 1-story 5-room dwelling.
Owner—Edward F. McNaughton, 540 42nd St., Oakland.
Architect—None. $1000

DWELLING
(2830) W CLARKE ST. 150 N 48th St., Oakland. 1-story 10-room duplex dwelling.
Owner—F. Soldati, 4227 Clarke Street, Oakland.
Architect—None.
Contractor—Fred Hambleton, 3737 13th Ave., Oakland. $7900

DWELLINGS
(2831) W FOURTEENTH AVE. 35 & 70 S E 27th St., Oakland. Two 1-story 8-room duplex dwellings.
Owner—Ella R. K. Henry, premises.
Architect—None.
Contractor—F. W. Borden, 5836 Foothill Blvd., Oakland. $6000 each

PIPE LINE
(2832) FROM NILES RESERVOIR IN Niles Canyon Alameda County to the Hetch Hetchy pipe line near Irvington. Manufacture of pipe and laying pipe line.
Owner—Spring Valley Water Co., 425 Mason St., San Francisco.
Architect—None.
Contractor—Western Pipe & Steel Co. of Calif., 444 Market, S. F.
Filed May 23, 1924. Dated, —.
15th each month equal to 90% of work done; balance of 10% 35 days after completion.
TOTAL COST, $—
Prices itemized by specific items.
Bond, $85,000; Sureties, J. A. Talbot & Howard Tallerday; Forfeit, $25 per day or arbitrate; Limit, 200 days; Plans and specifications filed.

DWELLING & GAR.
(2833) 1454 GRAND, PIEDMONT. 1-story 5-room dwelling and gar-
Owner—Louise H. Short.
Architect—None.
Contractor—C. W. Short, 574 Rosal, Oakland. $5200

DWELLING & GARAGE
(2834) 64 LAKE VIEW, PIEDMONT. 2-story 9-room dwelling and gar.
Owner—G. C. Dinwiddie, 6115 Chabot Rd., Oakland.
Architect—None.
Contractor — Dinwiddie Construct. Co., 14th and Franklin, Oakland. $8300

DWELLING & GARAGE
(2835) 323 MAGNOLIA, PIEDMONT. 1-story 6-room dwelling & garage.
Owner—Maud Boyd.
Architect—None.
Contractor—Robt. Boyd, 228 E-11th Oakland. $5100

ALTERATIONS
(2836) 472 WILDWOOD, PIEDMONT. Alterations.
Owner—H. Ward Dawson, 472 Wildwood, Piedmont.
Architect—None.
Contractor—Webb & Whalen, 351 12th St., Oakland. $3000

DWELLING & GARAGE
(2837) 141 WOODLAND WAY, PIEDmont. 2-story 6-room dwelling & garage.
Owner—B. W. Norton, B. W. Norton Mfg. Co., Fruitvale Sta., Oakland.
Architect—None.
Contractor—J. B. Peppin, 851 Trestle Glen, Oakland. $7500

DWELLING
(2838) 1233 CORNELL, BERKELEY. Dwelling.
Owner—P. J. Healy, 39 Nace Street, Piedmont.
Architect—None.
Contractor—P. J. Healy, 39 Nace St., Piedmont. $3000

(2839) 2622-24 HILGARD, Berkeley. Dwelling.
Owner—Mrs. Clara Powell, c/o S. F. Bldrs., Inc.
Designer—San Francisco Bldrs. Inc., 203-215 Whitecotton Bldg.
Contractor—San Francisco Bldrs. Inc., 203-215 Whitcotton Bldg. $8600

DWELLING
(2840) 2634 McGEE AVE., BERKELEY. Dwelling.
Owner—Frank Clausen, 996 35th St., Oakland.
Architect—None.
Contractor—Nick Wierk, 404 45th St., Oakland. $3000

(2841) W AMY DRIVE 150 S EDITH St., Oakland. 1-story 5-room dwlg.
Owner—C. Warren, 5867 Ocean View Drive, Oakland.
Architect—None.
Contractor—Oscar E .Nelson, 2634 Highland Ave., Oakland. $5500

DWELLING
(2842) N CONTRA COSTA RD 150 W End of Rd., Oakland. 1-story 5-rm. dwelling.
Owner—Ezel A. Williams.
Architect—None.
Contractor—H. C. Pfrang, 5659 Ocean View Drive., Oakland. $5950

DWELLING
(2843) CONTRA COSTA RD. 200 W End of Rd., Oakland. 1-story 6-room dwelling.
Owner—Fred H. Meyer, 5323 Boyd Ave, Oakland.
Architect—None.
Contractor—H. C. Pfrang ,5859 Ocean View Drive, Oakland. $8900

BRICK & CEM. FACTORY
(2844) W 81ST AVE 200 S RUDSDALE Ave., Oakland. 1-story & cem. factory.
Owner—Illinois Wire & Cable Co., 417 Market St., San Francisco.
Architect—Washington J. Miller, 417 Market St., San Francisco.
Contractor—Davison & Nicolsen, Stockton, Calif. $42000

DWELLING & GARAGE
(2845) N EXCELSIOR AVE 74 E Bruce St., Oakland. 1-story 5-rm. dwelling and garage.
Owner—L. C. Fish, 2453 Park Blvd., Oakland.
Architect—None. $4850

DWELLING
(2846) N EXCELSIOR AVE 112 E Bruce St., Oakland. 1-story 5-rm. dwelling.
Owner—L. C. Fish, 2453 Park Blvd., Oakland.
Architect—None. $4750

DWELLING
(2847) N 58TH ST 100 Magnolia St., Oakland. 1-story 4-room dwlg.
Owner—Geo. A. Rodke, 5725 Shattuck Ave., Oakland.
Architect—None.
Contractor—A. Hebel, 4071 Whittle Av. Oakland. $3000

DWELLING
(2848) S 57TH ST 200 E ADELINE ST Oakland. 1-story 5-room dwelling.
Owner—G. A. Carlson, 4102 Gilbert St., Oakland.
Architect—None. $3500

APARTMENT
(2849) N 40TH ST 160 W WEBSTER St., Oakland. 2-story 14-room apt.
Owner—M. Goldstein, 817 Grove Street, Oakland.
Architect—None. $13000

DWELLING
(2850) S 40TH ST 160 E GROVE ST., Oakland. 1-story 5-room dwlg.
Owner—E. M. Power, 774 20th Street, Oakland.
Architect—None.
Contractor—J. J. Power, 774 20th St., Oakland. $4000

DWELLING
(2851) E 47TH AVE 50 S THOMPSON St., Oakland. 1-story 5-room dwlg.
Owner—Mertie Peck, 2180 47th Ave., Oakland.
Architect—None.
Contractor—O. Zetterblad, 4716 Melrose Ave., Oakland. $4000

DWELLING
(2852) N HILLSBOUROUGH ST 100 W Wesley Ave., Oakland. 2-story 7-room dwelling.
Owner—S. H. Thompson, 3741 Canyon St., Oakland.
Architect—None.
Contractor—O. D. Carper, 1124 Hampel St., Oakland. $6000

DWELLING
(2853) W MORAGA RD 500 S THORNhill Rd., Oakland. 2-story 6-room dwelling.
Owner—Max Krygell, 4161 Broadway, Oakland.
Architect—None.
Contractor—H. M. Beekley, 522 38th St., Oakland. $5300

ALTERATIONS & ADDITION
(2854) 2704 MORCOM AVE., OAKland. Alterations and Additlon.
Owner—O. Skogsberg, 2704 Morcom Av. Oakland.
Architect—None.
Contractor—O. Hedeen, 1639 21st Ave., Oakland. $3000

DWELLING
(2855) E PARKER 250 S HILLSIDE St., Oakland. 1-story 3-room dwlg.
Owner—I. E. Holt, 304 East 16th St., Oakland.
Architect—None. $1000

ALTERATIONS
(2856) 2467 PERALTA AVE., OAKland. Alterations.
Owner—Elizabeth Donovan, 1486 33rd Ave., Oakland.
Architect—None.
Contractor—F. P. Wells, 4052 Porter St., Oakland. $1700

DWELLING
(2857) 2417 RANSOME AVE., Oakland. 1-story 5-room dwelling & garage.
Owner—J. E. Emrich, 3625 East 12th St., Oakland.
Architect—None.
Contractor—Fred Clausen, 1506 28th Ave., Oakland. $5300

DWELLING
(2858) 2761 68TH AVE., OAKLAND. 1-story 5-room dwelling.
Owner—F. C. Duerr, 2422 68th Ave., Oakland.
Architect—None. $3000

DWELLING
(2859) W SIXTY-THIRD AVE. 320 S Avenal Ave., Oakland. 1-story 5-room dwelling.
Owner—A. T. Anderson, 2248 62nd Ave., Oakland.
Architect—None. $3000

DWELLING
(2860) E SIXTY-THIRD AVE. 320 S Avenal Ave., Oakland. 1-story 5-room dwelling.
Owner—A. T. Anderson, 2248 62nd Ave., Oakland.
Architect—None. $3000

ALTERATIONS
(2861) 485-89 TENTH STREET, Oakland. Alterations.
Owner—T. W. Quinn, 920 Franklin St., Oakland.
Architect—None.
Contractor — Geo. W. Anderson, 920 Franklin St., Oakland. $1000

DWELLING
(2862) 958 THIRTY-NINTH ST., Oakland. 1-story 5-room dwelling and garage.
Owner—R. E. Veal, 960 35th Avenue, Oakland.
Architect—None.
Contractor—Baker Bros., 823 35th St., Oakland. $3900

DWELLING
(2863) N TRESTLE GLEN RD., 50 N Sunnyhills Rd., Oakland. 1-story 6-room dwelling.
Owner — Morgensen Brothers, 5664 Broadway, Oakland.
Architect—None. $5000

APARTMENTS
(2864) W WALKER AVE. 95 N Mandana Bldg., Oakland. 3-story 24 rooms apartments.
Owner—E. Field, 607 American Bank Bldg., Oakland.
Plans by owner. $24,000

RESIDENCE
99 LAFAYETTE, Piedmont. Two-story 8-room residence and garage.
Owner — H. A. Thornton, 429 Staten, Oakland.
Architect—None.
Contractor—F. C. Stolte, Crocker Ave., Piedmont. $14,000
NOTE—Recorded contract reported May 5, 1924, No. 2484.

ALT. & ADDITION
(2865) 2723 DURANT AVE., Berkeley Alteration and addition.
Owner—Kappa Alpha Theta, 2733 Durant Ave., Berkeley.
Architect—None.
Contractor — Conner & Conner, 1733 Francisco St., Berkeley. $12,000

DWELLING
(2866) 1528 SAN LORENZO, Berkeley Dwelling.
Owner—Fox Bros., 1926 University Ave. Berkeley.
Architect—None.
Contractor—Fox Bros., 1926 University Ave., Berkeley. $2900

DWELLING
(2867) 1726 SAN PEDRO, Berkeley. Dwelling.
Owner—L. T. Brewer, 1619 Grove St., Berkeley.
Architect—L. T. Brewer, 1619 Grove St. Berkeley.
Contractor—L. T. Brewer, 1619 Grove St., Berkeley. $5000

DWELLING
(2868) 64 VICENTE ROAD, Berkeley. Dwelling.
Owner—Annabel H. Guilford, Berkeley.
Architect—R. G. Officer, 501 Berkeley Bank Bldg., Berkeley.
Contractor—H. C. Kidder, 1923 Francisco St., Berkeley. $6800

APARTMENTS
(2869) E BEACON ST. 200 S Excelsior Ave., Oakland. 2-story 16-rm apts.
Owner — S. A. Weinstock and Louis Glickman, 220 Grand Ave., Oakland.
Architect—None.
Contractor—Smith Building Co., 308-9 1st Natl. Bk Bldg., Oakland. $11,500

STORES & FLATS
(2870) S BOND ST. 57 W 51st Ave., Oakland. 2-story 8-room stores & flats.
Owner—Geo. M. Kulash, 1426 Franklin St., Oakland.
Architect—None.
Contractor — Harry C. Knight, 1426 Franklin St., Oakland. $13,750

ADDITION
(2871) 5944 CLAREMONT Ave., Oakland. Addition.
Owner—Nelson Doolittle, 5944 Claremont Ave., Oakland.
Architect—None.
Contractor—J. Coward, 5908 Chabolyn Terrace, Oakland. $1000

DWELLING
(2872) N FLORIDA ST. 280 W Maple Ave., Oakland. 1-story 6-room dwlg
Owner—Alder & Clark, 2907 Florida St., Oakland.
Architect—None. $4000

ALTERATIONS
(2873) S FOOTHILL BLVD. W Seminary Ave., Oakland. Alterations.
Owner—Lenore C. Moulin, Buena Vista Terrace, Oakland.
Architect—Reed Bros., 105 Montgomery St., San Francisco.
Contractor — G. B. Pasqualetti, 2330 Larkin St., San Francisco . $1200

DWELLING
(2874) E FIFTY-FOURTH AVE. 134 SE 12th St., Oakland. 1-story 6-rm. dwelling.
Owner—Mary Gonsalves, 1064 50th Ave. Oakland.
Architect—None.
Contractor — C. H. Conser, 1949 87th Ave., Oakland. $3650

DWELLING
(2875) W GREEN ACRE RD. 225 S Tulip St., Oakland. 1-story 4-room dwelling.
Owner — J. C. Whittaker, 3701 Green Acre Rd., Oakland.
Architect—None. $2000

DWELLING
(2876) N HORTENSE ST. 65 W 107th Ave., Oakland. 1-story 4-room dwlg and garage.
Owner—E. B. & A. L. Stone, 804 Claus Spreckels Bldg., San Francisco.
Architect—None. $3100

ALTERATIONS ETC
(2877) 5915 KEITH AVE., Oakland. Alterations and additions.
Owner—J. Schmitt, 5936 Keith Avenue, Oakland.
Architect—None.
Contractor—J. Coward, 5908 Chalbolyn Terrace, Oakland. $3000

DWELLING
(2878) S KEITH AVE. 210 W Broadway, Oakland. 1-story 5-room dwlg
Owner—L. O. Williams, 1040 Keith Ave Berkeley.
Architect—None. $5000

ALTERATIONS
(2879) 2330 MARKET ST., Oakland. Alterations.
Owner—City of Oakland.
Architect—None.
Contractor—Board of Education, Oakland. $5000

DWELLING
(2880) W ONE HUNDRED SEVENTH Ave., 24 N Hortense St., Oakland. 1-story 3-room dwelling and garage.
Owner—E. B. & A .L. Stone, 804 Claus Spreckles Bldg., San Francisco.
Architect—None. $2750

DWELLING
(2881) NW COR. ONE HUNDRED seventh Ave. & Hortense St., Oakland. 1-story 3-room dwelling and garage.
Owner—E. B. & A. L. Stone, 804 Claus Spreckels Bldg., S. F.
Architect—None. $2750

ALTERATIONS ETC
(2882) 842 PINE ST., Oakland. Alterations and additions.
Owner—O. P. Cameron, 3287 Mission St. San Francisco.
Architect—None. $1000

ADDITION
(2883) SW CORNER SEVENTH AND Fallon St., Oakland. Addition.
Owner—Fred Colborn, 57 7th St., Oakland.
Architect—None. $1800

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY
(THE SAN FRANCISCO BANK)
SAVINGS COMMERCIAL
INCORPORATED FEBRUARY 10th, 1868.
One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.
Member Associated Savings Banks of San Francisco
526 California Street, San Francisco, Cal.
DECEMBER 31st, 1923
Assets..... $89,174,468.57
Capital, Reserve and Contingent Funds..... 3,850,000.00
Employees' Pension Fund..... 430,275.37
MISSION BRANCH.....Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....Haight and Belvedere Streets
WEST PORTAL BRANCH.....West Portal Ave. and Ulloa St.
Interest paid on Deposits at the rate of FOUR AND ONE QUARTER (4¼) per cent per annum, COMPUTED MONTHLY and COMPOUNDED QUARTERLY, AND MAY BE WITHDRAWN QUARTERLY

DWELLING
(2884) SE COR. SIXTY-SEVENTH Ave. & Flora St., Oakland. 1-story 5-room dwelling and garage.
Owner—Andrew Jacobson, 1555 Havenscourt Bldg., Oakland.
Architect—None. $3675

DWELLING
(2885) E SIXTY-SEVENTH AVE. 230 S Arthur St., Oakland. 1-story 5-rm. dwelling.
Owner—H. J. Parent, Oakland.
Architect—None. $4200

ALTERATIONS
(2886) TENTH & UNION STS., Oakland. Alterations.
Owner—City of Oakland.
Architect—None.
Contractor—Board of Education, Oakland. $5000

ADDITION
(2887) 5918 TRENOR ST., Oakland. Addition.
Owner—M. Wronski, 5918 Trenor St., Oakland.
Architect—None. $2000

SUB STATION
(2888) N TWENTIETH ST. 100 W Telegraph Ave., Oakland. 2-story concrete sub station.
Owner—Great Western Power Co., 530 Bush St., San Francisco.
Plans by owners. $60,000

ALTERATIONS
(2889) 1815 TWENTY-EIGHTH AVE., Oakland. Alterations.
Owner—A. J. Flenti, 3840 Randolph Ave., Oakland.
Architect—None.
Contractor—John Perona, 570 7th St., Oakland. $3500

DWELLING
(2890) 2187 E TWENTY-SEVENTH ST Oakland. 1-story 6-room dwelling.
Owner—Geo. B. Davis, 3283 Hyde St., Oakland.
Architect—None. $4200

DWELLING
(2891) 2950 CLAREMONT AVE., Berkeley. Dwelling.
Owner—Jas. Brazer, 1912 Blake St., Berkeley.
Architect—None.
Contractor—Jas. Brazer, 1912 Blake St., Berkeley. $4500

DWELLING
(2892) 2519 HILLEGASS, Berkeley. Dwelling.
Owner—Henry W. Miller, 2521 Hillegass, Berkeley.
Architect—None.
Contractor—Henry Miller, 2521 Hillegass, Berkeley. $2000

DWELLING
(2893) 2505 MILVIA, Berkeley. Dwelling|
Owner—J. Janson, 1929 Dwight Way, Berkeley.
Architect—None.
Contractor — V. Sigge, 3912 Linwood Ave., Berkeley. $2750

DWELING
(2894) 2476 PRINCE ST., Berkeley. dwelling alt. & add.
Owner—D. H. Yater, 2476 Prince St., Berkeley.
Architect—None.
Contractor — Hathaway & Trimblay, 4665 Dolores Ave., Oakland. $2650

ALT & ADD.
(2895) 2906-02-04 WHEELER STREET Berkeley. Alt. and add.
Owner—Caroline West, 2904 Wheeler St., Berkeley.
Architect—None.
Contractor — E. Vernon, Shattuck at Ashby, Berkeley. $2000

DWELLING
(2896) 1917 YOLO ST., Berkeley. Dwelling.
Owner—G. W. Muther, 5519 Thomas St., Berkeley.
Architect—None.
Contractor—G. W. Muther 5519 Thomas St., Berkeley. $5000

DWELLING
(2897) S ALMA AVE. 150 W Excelsior Ave., Oakland. 2-story 7-room dwelling.
Owner—J. H. Vogel, 340 Lakeshore Ave Oakland.
Architect—None.
Contractor—C. M. Gass, 2415 35th Ave., Oakland. $5000

DWELLING
(2898) N DELAWARE ST. 211 E Peralta Ave., Oakland. 1-story 5-room dwelling.
Owner—W. Huntley, 3718 Hillview St., Oakland.
Architect—None. $3000

ADDITION
(2899) 7300 DIANA AVENUE, Oakland Addition.
Owner—Oscar J. Roy, 7300 Diana Ave., Oakland.
Architect—None. $1600

DWELLING
(2900) N FORTY-FOURTH ST., 366 E Market St., Oakland. 1-story 5-room dwelling.
Owner—G. Biasotti, 466 45th St., Oakland.
Architect—None.
Contractor—W. A. Walker, 545 17th St., Oakland. $4500

GARAGE
(2901) W FORTY-SECOND AVE., 110 S E-14th St., Oakland. 1-story tile garage.
Owner—E. L. Blackman, 4221 E-14th St., Oakland.
Architect—None. $1000

ALTERATIONS
(2902) 1622 FORTY-SIXTH AVE., Oakland. Alterations and addition.
Owner—M. P. DeRosa, 1622 46th Ave., Oakland.
Architect—None. $2500

FLATS, STORES
(2903) S HOPKINS ST., 156 W 14TH Ave., Oakland. 2-story 8-room flats and stores.
Owner—Henry Parsons, 1839 62th Ave., Oakland.
Architect—None. $9000

DWELLING
(2904) S HOPKINS ST. 200 W Midvale Ave., Oakland. 1-story 5-room dwelling and garage.
Owner—L. L. Wilson, 217 E-16th St., Oakland.
Architect—None. $3250

DWELLING
(2905) N MOUNTAIN BLVD S Joaquin Miller Rd., Oakland. 1-story 3-room dwelling.
Owner—Mr. Patterson.
Architect—None.
Contractor—J. Floyd Perry, 276 Santa Clara Ave., Oakland. $3000

GREENHOUSE
(2906) 460 ONE HUNDRED FIFTH Ave., Oakland. 1-story greenhouse.
Owner—B. Matsuoka, 460 105th Ave., Oakland.
Architect—None. $1500

DWELLING
(2907) W ONE HUNDRED FIFTH Ave., 153 S Royal Ann, Oakland. 1-story 5-room dwelling.
Owner—W. J. Thorne, 1218 106th Ave., Oakland.
Architect—None. $3500

DWELLING
(2908) E SEVENTY-THIRD AVE 400 S Mountain Blvd., Oakland. 1-story 4-room dwelling.
Owner—Pronalla Nicolla.
Architect—None.
Contractor — Oakley & Kolmodin, 1911 65th Ave., Oakland. $3200

DWELLING
(2909) E SHAFTER AVE., 120 N 41st St., Oakland. 1-story 8-room 2-family dwelling.
Owner—A. A. Steel, 41st and Shafter Aves., Oakland.
Architect—None.
Contractor — A. W. Schneck, 3226 Georgia St., Oakland. $6500

DWELLING
(2910) 1618 69TH AVE., Oakland. 1-story 5-room dwelling.
Owner—J. S. Marshall, 1610 69th Ave., Oakland.
Architect—None. $3000

SHOP
(2911) 478 TWENTY-FIFTH ST., Oakland. 1-story tile shop and 1-story tile shed.
Owner—A. H. Rose, 525 17th St., Oakland.
Architect—None. $2750

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Amount

May 21, 1924—LOT 54 EXCEPTING the northerly 2 ft. thereof, Map of Fourth Avenue Terrace Extension, Oakland. P. B. Weaver to P. B. Weaver ..... May 21, 1924

May 21, 1924—LOT 116 BLOCK NO. 17 Amended Map of Havenscourt, Oakland. E. W. Nicholson to A. Jensen. ..... May 16, 1924

May 21, 1924—LOT 25, BLK. 3, Lakeshore Highlands. Harvey G. Hannigan and Myrtle F. Hannigan to whom it may concern.. May 17, 1924

May 21, 1924—1061 MONTEREY AVE. bet. Sonoma and Colusa Ave. C. L. Taggart to whom it may concern.. ..... May 13, 1924

May 21, 1924—N 16 FT. 8 INCHES OF Lot No. 39 and S 16 ft. 8 inches of Lot No. 40, Blk. Letter Z, Amended Map of Regents Park, Berkeley. Mrs. Emily Green to whom it may concern ..... May 13, 1924

May 20, 1924—LOT 60 x 77-59 ON N line of Jayne Ave., about 60 ft. W of Euclid Ave. A. B. Hughes to Emil Richter ..... Apr. 16, 1924

May 20, 1924—SE COR. OF RUSSELL and Sacramento Sts., Berkeley. W. W. Owens to whom it may concern ..... May 19, 1924

May 20, 1924—ALL OF LOT 1 AND W 15 ft. of Lot 2, Blk. F, Map of Bryant Tract, Berkeley. Maria Martins to Sandusky & Mason... ..... May 13, 1924

May 22, 1924—3869 RHODA STREET, Oakland. W. W. Clawson to whom it may concern ..... May 21, 1924

May 22, 1924—2552 HAVENSCOURT Blvd. Walter Lee to whom it may concern ..... May 22, 1924

May 22, 1924—LOT 3, BLK. 3, HUFF Estate Tract, San Leandro. Fred W. Borden to Contractors Exchange.. ..... May 20, 1924.

May 22, 1924—LOT 28, MAP OF LOMA Vista Tract. Eugene Sommer to Calif. Builders Co. ..... May 19, 1924

May 22, 1924—LOT 11, MAP OF MARshall Tract, Oakland. Oscar L. Texdahl and Echo P. Texdahl to C. M. Texdahl ..... May 20, 1924

May 22, 1924—LOT 9, BLK. 1, Dwightway Garden Addition. L. B. Hamilton to T. Tomasello .. May 16, 1924

May 22, 1924—KNOWN AS NO. 2963 Morcom Ave. Flora Allen to whom it may concern ..... May 17, 1924

May 22, 1924—N SIDE OF 40TH ST. designated as No. 824 40th St. Otto Rinkert to whom it may concern ..... May 21, 1924

May 23, 1924—POR. LOTS 10 & 11, Blk. S. Augusta Johanson to Joseph Erickson ..... May 22, 1924

May 23, 1924—POR. LOT. NO. 14, Map of Subdivision of Lot 3, Walsworth 100 Acre Tract. Walter Hufschmidt to whom it may concern ..... May 22, 1924

May 23, 1924—LOT 112 AND NORTHeastern 12-50 ft. of Lot 111, Blk. 31, Amended Map of Havenscourt, Oakland. T. J. McCord to whom it may concern ..... May 20, 1924

May 23, 1924—LOT 13, BLK. 9, MAP of Eastlawn, Oakland. Mary M. Huling and T. R. Huling to Fred W. Borden ..... May 22, 1924

May 23, 1924—LOT 14, BLK. 9, Map of Eastlawn, Oakland. Mary M. and T. R. Huling to Fred W. Borden ..... May 22, 1924

May 23, 1924—(1) LOT 18 AND POR. of Lots 14 and 17; (2) Lots 12 & 13 and W 10 ft. of Lot 14, Blk. 175, Kellerbergers Map of Oakland. E. A. Whitaker to Oliver Duval & Son ..... May 14, 1924

May 23, 1924 — 614 WEST MERLE Court. G. R. Blasingame to whom it may concern .....May 23, 1924

May 23, 1924—N SIDE 40TH ST. 250 ft. m or l E from E line of Telegraph Ave. J. Goldstein to J. Goldstein ..... May 23, 1924

May 23, 1924—GENERALLY KNOWN as Masonic Home, being por. of plots 10, 12, 14, 16, per. map of the Rancho Arroyo de la Alameda. Masonic Homes of California to Malott & Peterson ..... May 17, 1924

May 23, 1924 — W SIDE OF MATthews St., dis. thereon 135 ft. S from southern line of Oregon St. C. W. Owens to whom it may concern ..... May 21, 1924

May 22, 1924—NO. 2528 McGEE AVE., Berkeley. Agnes R. Swift to J. W. Swift ..... May 21, 1924
May 22, 1924 — 2524 McGEE AVE., Berkeley. Agnes R. Swift to J. W. Swift ..... May 21, 1924
May 22, 1924 — LOT 44, BLK. 10, Thousand Oaks Tract. Mabel D. Bullis to J. Henry Smith..May 15, '24
May 22, 1924—LOT 8, NORTH Christiana Tract, Albany. Benjamin F. Sisson and Addie V. Sisson..... ..... May 10, 1924
May 26, 1924—E FRUITVALE AVE 100 N Hopkins, Oakland. Elizabeth Rhoda to L E Van Ness..May 26, '24
May 26, 1924—LOTS 4 AND 17 BLK 17, Leonards Sbdvn Blks 16, 17 and 18, Bartlett 50-acre Tract, Oakland. S F Walthall to F J Theile. .....May 21, 1924
May 26, 1924—NO. 1709 BERKELEY Way, Berkeley. Mitsuye Togaski to E F Henderson..... May 20, 1924
May 24, 1924—NE H A W T H O R N E Terrace and Vine, Berkeley. Fredrick K McFarlan to W Livingston & Son.....May 19, 1924
May 24, 1924—BEG N LINE HOPkins dist NW 434.82 from Maple Ave th NE 118.37 th NW 99 th SW 119.42 th SE 113, Oakland. J A Kennedy to M B Stoner..May 23, 1924
May 24, 1924—LOT 29 BLK "A" East Piedmont Heights, Oakland. Robt H Wright to C A Gossett.May 20, 1924
May 24, 1924—PTN LOT 2 BLK "G" Moss Tract, Oakland. Thad S Carrico to whom it may concern... .....May 24, 1924
May 26, 1924—NO. 2696 CEDAR ST., Berkeley. Vincent and Mary T Surr to A F Anderson...May 24, 1924
May 26, 1924—NO. 206 MAGNOLIA Ave., Oakland. W E Glass to MacDonald & Foreman.....May 24, 1924
May 26, 1924—LOT 3 BLK 1 Country Club Acres, Oakland. Paul E Sloane to Herbert A Stanton..May 16, 1924
May 26, 1924—LOT 19 BLK 1; Lots 40 and 39 Blk X, Amended Map of Regents Park, Oakland. C F Beck to Charles W Griffith....May 24, 1924
May 26, 1924—NO. 1641 & 1647 E-Thirty-third St., Oakland. E F Beck to Chas W Griffith May 24, '24
May 26, 1924—E 30 LOT 11 and W 10 Lot 12 Blk 1335, Oakland. R S Weir to Beadell & Lane.....May 23, 1924
May 26, 1924—PTN LOT 2 BLK 2, Map of the Teachers' Veate University Homestead, Oakland. Mary W Stevens to whom it may concern... .....May 17, 1924
May 27, 1924—LOT 2, BLK. 17, Resubdivision of a portion of Broadmoor. H. P. Bancroft, Inc., to whom it may concern..May 26, 1924
May 27, 1924—W 45 FT. OF LOT 10, Map of Ellsworth Tract, Berkeley. Alpha Gamma Delta Chapter House Co. to I. Ingebrigtsen ..May 24, 1924
May 27, 1924—WESTERN 45 FT OF Lot 10, Map of Ellsworth Tract, Berkeley. Alpha Gamma Delta Chapter House Co. to E. T. Leiter & Son ..... May 24, 1924
May 27, 1924—3010 GEORGIA ST., Oakland. Louis De Jong to whom it may concern.....May 27, 1924
May 27, 1924—1829 CARLTON ST., Berkeley. Jeanie W. Bacon to Frank L. Walton .... May 27, 1924
May 27, 1924—LOT 12, BLK. K, Map of Mills Gardens, Oakland. C. F. Swain to W. G. Watson.May 27, 1924
May 27, 1924—LOT 17, MAC KINNON Park Tract, Berkeley. Maud Boyd to Robert Boyd.....May 26, 1924
May 27, 1924—LOT 132 BLK. D, Map of Bowles and Fitzgerald Tract. F. W. Mahan to E. Pedersen .... May 27, 1924
May 26, 1924—LOT 59 AND NE ½ of Lot 58, Bromley Tract. A. V. Potter Jr., and Gracia Potter to whom it may concern ..May 23, 1924
May 28, 1924—LOT 73 BLK "D" Lakeshore Hills, Oakland. Maud A Marks to Alex C Wieben..... .....May 20, 1924
May 28, 1924—LOT 21 BLK "C" Map Kenwood Park, Oakland. Paul Louis and Madaline Silber Kick to whom it may concern..May 26, 1924
May 28, 1924—POR. LOT 1, BLK. 10, Map of Melrose Heights. G. MacIntyre to W. E. Owen Co...May 20, '24
May 28, 1924—LOT 1, BLK. D, Map of Grand Avenue Heights. Bert R. Shrader to whom it may concern ..... May 27, 1924
May 28, 1924—LOT 5, CLAREMONT Crescent Tract. James W. Brazier to whom it may concern.May 26, 1924
May 28, 1924—S 45 FT. OF LOT 45, Map of Wilmarth Park, Oakland. Elmer West to whom it may concern ..... May 26, 1924
May 27, 1924—POR. LOT 6, BLK. K, Map of Flint Tract No. 4. Anna Pope to J. W. Gobar ..May 15, 1924
May 27, 1924—NO LOCATION GIVEN Martha Badger to whom it may concern ..... May 27, 1924
May 28, 1924—W FOURTEENTH AV 150 S Cabzrillo S 25xW 127-6 Edwin K Busse to H S Meinberger .....May 26, 1924
May 28, 1924—SE SILVER AVE 50-4 NE Ledyard NE 24-8 SW 24-8 Ptn Lots 1, 3 and 5, Henry Winklers Map, Silver Terrace Mrs. Nellie Desmond to L Salomon..May 21, 1924
May 28, 1924—E BENNINGTON 50 N Ellert N 25xE 100 Lot 3 Blk 9, Holly Park. Julia C Le Bon to Thomas P Bolger.....May 28, 1924
May 28, 1924—CHANNEL ST. Warehouse. Southern Pacific Co to Barrett & Hilp.....May 20, 1924

LIENS FILED

ALAMEDA COUNTY

May 26, 1924—LOTS 1 AND 2 BLK G Map of Sub Blks E, F and G, Mary A Mortimer Addn to Niles. Niles Sand, Gravel & Rock Co vs Salvatore Di Guilio, Egizice Di Guilio & M S Foss.....$526.68
May 26, 1924—LOT 5 BLK C, Glenwood Park, Oakland. Washburn & Kerr vs Villa Site Development Co, Joseph Dubovsky and Harry Wessell $110
May 21, 1924—POR. OF LOTS 2 AND 4, Blk. F, Amended Map of the Salinger Tract. J. C. Owens vs. A. J. Grubbs and E. J. McCord $47.25
May 23, 1924—LOT 63 BLK. C, MEEK Estate Orchards, Haywards. Pacific Lumber Mills vs. J. Schoknecht and H. W. Meek Estate, Inc., and Richard Coleman $118.00
May 22, 1924—(1) S 38 FT. OF LOT X (2) E 40 ft. of Lots Z and Y, N 12 ft. of E 40 ft. of Lot X, (3) S 13 ft. of W 95 ft. of Lot Z, N 24 ft of W 95 ft. of Lot Y, Map of Blk. 5, Graves and Taylor Tract. Bradshaw Electric Co. vs. A. Toluboff, M. Pestrovo and George Balliet $479.51
May 22, 1924—LOT 23, MAP OF FULler and Todd Tract. Rober Paint Co. vs. Grace E. Hickok and A. M. Strobel $21.45
May 22, 1924—LOT 6 BLK. 13, Map of Broadmoore. Chris Nelson Co., Inc. vs. Broadmoor Improvement Co. and F. A. McCausland $47.45
May 21, 1924—LOT 23 OF FULLER & Todd Tract. L. R. Butler vs. Grace E. Hickok and N. M. Strobel $129.60
May 27, 1924—LOT 8, BLK. 3, Resubdivision of Rockridge Terrace. D. Young vs. Frank B. and Mary H. Knowlton, and Interlocking Cement Tile Co. $615.00
May 27, 1924—SOUTHEASTERN 113 ft. of Lot 2, Map of Bellevue Park, Piedmont. Schnebly & Hostrawser vs. Frederick A., Katherin, and F. A. Small $6,341.15
May 27, 1924—NW COR. OF DOWling Blvd. and Warwick Ave. Boorman Lumber Co. vs. Broadmoor Improvement Co. and F. A. McCausland. $63.09
May 27, 1924—POR. LOT. X, Map of Blk. 5, Graves and Taylor Tract. E. P. Tenney Co., Inc., vs. A. Toluboff, M. Pestrovo and M. S. Foss. $68.53
May 27, 1924—POR OF LOTS X, Y, and Z, Map of Blk. 5, Graves and Taylor Tract. E. P. Tenney Co., Inc., vs. A. Toluboff, M. Pestrovo, and M. S. Foss $66.82
May 27, 1924—POR. LOTS Y AND Z, Map of Blk. 5, Graves and Taylor Tract. E. P. Tenney Co., Inc., vs. A. Toluboff, M. Pestrovo and M. S. Foss $68.52
May 27, 1924—NORTHERN 49 FT. of Lot 6, Blk. 18, excepting the North 13 ft. of said Lot, Berkeley Villa Association. Joseph A. White vs. France Gayetti $695.95
May 28, 1924—POR. OF LOTS X, Y and Z, Map of Blk. 5, Graves and Taylor Tract. Uhl Bros. vs. A. Toluboff and M. Pestrovo.....$26.49
May 28, 1924—POR. OF LOTS X, Y and Z, Map of Blk. 5, Graves and Taylor Tract. Uhl Bros. vs. A. Toluboff and M. Pestrovo.....$52.94
May 28, 1924—BEG. AT A PT. ON S line of Cleveland St. 85 ft. W of Athal Ave., running thence W 40 ft. thence S 100 ft. thence E 40 ft. thence N 100 ft. Christ Nelson vs. M. Fay Coughlin $200.00
May 28, 1924—S 38 FT. OF LOT X, E 40 ft. of Lots Z and Y, N 12 ft. of E 40 ft. of Lot X, S 13 ft. of W 95 ft. of Lot Z, N 24 ft. of W 95 ft. of Lot Y, Blk. 5, Map of Blk. 5, Graves & Taylor Tract. S. D. Waysman vs. A. Toluboff, M. Pestrovo and George F. Balliet..$68.00
May 28, 1924—S 38 FT. OF LOT X, E 40 ft. of Lots Z and Y, N 12 ft. of E 40 ft. of Lot X, S 13 ft. of W 95 ft. of Lot Z, N 24 ft. of W 95 ft. of Lot Y, Blk. 5, Map of Blk. 5, Graves and Taylor Tract. S. D. Waysman vs. A. Toluboff, M. Pestrovo and George F. Balliet.$252.00
May 28, 1924—LOTS 1 AND 2, BLK. G, Map of Sub. of Blks. E, F, and G, Mary E. Mortimer Addition to Niles, Alameda Co. A. B. Hill vs. Salvatore Di Giulio, Egizia Di Giulio and Martin Foss $705.00
May 28, 1924—LOTS Z, Y AND X, Blk. 5, Graves and Taylor Tract. Eugene Ebret & Co. vs. A. Toluboff, M. Pestrovo and George Balliet $480.00

RELEASE OF LIENS

ALAMEDA COUNTY

May 26, 1924—LOT 63 BLK C Map of Meek Estate Orchards, Oakland. Pacific Lumber Mills to J Schoknecht, H W Meek Estate, Inc and Richard Coleman $118
May 23, 1924 — E LINE OF MAYhelle Ave. 150 ft. S of Quigley St. P. H. Blake to E. L. Jett and R. V Wallace $100.00
May 21, 1924—BEG. AT NE COR. OF Lake Shore and Prospect Aves. dist. 175.63 NE 151-07 ft. to beg., Oakland. Robert Russell Smith, (as thereon NE 219-04, SE 225-50 SW Contra Costa Bldg. Material Co.), $3321.50; Hogan Lumber & Mill Co., $3337.20; Hogan Lumber & Mill Co., $3337.20; Hogan Lumber & Mill Co., $2377.33; Oakland Building Materials Co., $232.50; Maxwell Hardware Co., $192.54; Hogan Lumber & Mill Co., $2377.33, to W. G. McGinty & Sons, and Roman Catholic Archbishop of San Francisco.....

CESSATION OF LABOR

ALAMEDA COUNTY

May 20, 1924—NO. 1103 E-TWENTYeighth St., Oakland. Margaret M. Ananos with Geo. M Merritt Bldg. Co., Inc. Ceased April 18, 1924.

BUILDING CONTRACTS

SANTA CLARA COUNTY

SCHOOL
LOS GATOS UNION HIGH SCHOOL, Los Gatos. Electric light fixtures furnished and installed in school. Owner—Board of Trustees of Los Gatos Union High School District, Los Gatos.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Roberts Mfg. Co., 663 Mission St., San Francisco.
Filed May 23, '24. Dated ——.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $1467
Bonds, $733.50 each. Forfeit, Fidelity & Deposit Co. of Maryland. Limit, 90 days frame May 17, '1924. Forfeit, none. Plans and specifications filed.

SPECIAL FIXTURES & FURNITURE on above.
Contractor—Braas & Kuhn, San Francisco.
Filed May 23, '24. Dated May 17, '24. Payments same as above.....
TOTAL COST, $19,990
2 Bonds, $9995 each. Surety, Marylond Casualty Co. Limit, 90 days from May 17, 1924. Forfeit, none. Plans and specifications filed.

PROGRAM CLOCK SYSTEM ON above.
Contractor—Pacific Electric Clock Co., 86 3rd St., San Francisco.
Filed May 23, '24. Dated, May —.

Payments same as above.....
TOTAL COST, $1450
Bonds, $725 each. Surety, American urety Co. of California. Limit, 90 ays fram May 17, 1914. Forfeit, none. lans and specifications filed.

CHOOL
LOT OF GROUND IMMEDIATELY adjacent present Walter Hays School lying in ptn Blk 103, Palo Alto. All work for additions to Walter Hays School.
wner—Board of Education of Palo Alto City School District, Palo Alto.
rchitect — Birge M. Clark, 600 Embarcadero Road, Palo Alto.
ontractor—George Bertsche and B. H. Briggs, Palo Alto.
iled May 24, '24. Dated ——.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $10,537
Bonds, $5268.50 and 5300. Surety, Fielity & Deposit Co. of Maryland. imit, not later than Sept. 1, 1924. Forit, rone. Plans and specifications led.

ESIDENCE
MIDDLEFIELD ROAD, bet. Lincoln and Addison Aves., Blk 88, Palo Alto. All work for one-story residence.
wner—Lloyd J. Allen, Palo Alto.
rchitect—Birge M. Clark, 600 Embarcadero Road, Palo Alto.
ontractor—Wells P. Goodenough, 310 University Ave., Palo Alto.
iled May 26, '24. Dated May 24, '24.
Frame completed $1359.75
Plumbing and electrical work in and brown coated 1359.75
Work completed 1359.75
Usual 35 days..... 1359.75
TOTAL COST, $5439.00
ond, $3000. Sureties, John Dudfield & oseph A. Jury. Limit, 75 days after ay 26, 1924. Forfeit, none. Plans and ecifications filed.

OTTAGES 6 6-rm, $3500 each, 4 4-rm. at $3200 each; Taylor near San Pedro, San Jose; owner, Geo. M. Kellop, 540 Cole, San Francisco; architect, H. C. Baumann & Edw. Jose 251 Kearny St., S. F.; contractor, Geo. M. Kellop, 540 Cole, San Francisco.
DDITION to apt. house $3950; 45 N Fifth, San Jose; owner, R. Jorgensen, 36 S 10th, San Jose.
OTTAGE 6-room, $3875; McKee near 31st, San Jose, owner, Mrs. G. Bonnet, 37 S 2nd San Jose; architect, H. W. Higbie Porter Bldg., San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

ecorded Accepted
ay 23, 1924—0.97 ACRES AND 3.878 Acres being part Lot 9 Auzerais Subdivision part of Rancho Rinconado de Los Gatos. John Arenz to Adolf Hennings.....May 20, 1924
ay 24, 1924—SW JAMES AND SECond Sts., San Jose. Rector, Wardens & Vestrymen of Trinity Parish, San Jose to Charles A Thomas .....May 15, 1924
ay 24, 1924—LOT 7 BLK 2, Cline Sbdvn., San Jose. D M Cline to whom it may concern..May 23, 1924
ay 24, 1924—LOT 16 BLK 1, Cline Sbdvn, San Jose. D M Cline to whom it may concern..May 23, 1924
ay 24, 1924—LOT 8 BLK 2, Cline Sbdvn, San Jose. D M Cline to whom it may concern...May 23 1924
ay 26, 1924—LOT 9 BLK 99, Palo Alto. Elmer V Camm to Bertsche & Briggs.....May 22, 1924
ay 26, 1924—LOT 26 Adams and Keller Sbdvn, San Jose. L C Rossi to whom it may concern.May 26, 1924
ay 21, 1924—PORT LOTS 12, 13 BLK 15 Lendrum Tract Addition. Joseph Larsen to whom it may concern .....May 20, 1924
ay 22, 1924—LOT 120 ORCHARD Park Sub. G. A. Friedell and W. R. Friedell to whom it may concern .....May 20, 1924
ay 22, 1924—PORT LOTS 6 & 7 Blk 21 Chapman & Davis Tract. Frank F. Ferreira to whom it may concern .....May 21, 1924
ay 22, 1924—MORGAN HILL, CAL. Southern Pacific Co. to whom it may concern .....May 13, 1924
May 22, 1924—PORTION LOTS 7 & 8 Blk 41 University Grounds. Bernhard Strieget to whom it may concern .....May 21, 1924

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
May 21, 1924—THE SOUTHERLY 40 ft. of lot 13 in block 15, The East San Jose Homestead Assn. Sunset Lumber Co. vs Emma Larson.$1031.20

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
May 26, 1924—N 40 FT. LOT 8 BLK 3 Range 4 W Auzerais Add'n, San Jose. Hubbard & Carmichael Bros to Grigory G Panopulos.....$1191.38

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

BUILDING
LOT 4 BLK 2 SUB 1 KNOWN AS 1616 Del Paso Blvd., Sacramento. All work for building.
Owner—P. F. Bender.
Architect—None.
Contractor—Joy Wanamaker.
Filed May 16, 1924. Dated May 10, 1924.
Payments not goven.
TOTAL COST, $—
Bond, Forfeit, Limit, Plans and specifications, none.

DWELLING, 2-story 7-room, and garage, $3500; 3100 N, Sacramento; owner, Herbert N. Hale, No Sas.
DWELLING, 6-room, and garage, $3500 1257 36th, Sacramento; owner, Carroll Cook, 813 J, Sacramento; contractor, H. G. Bidwell, 1516 27th Sacramento.
DWELLING, 5-room, and garage, $2900 3200 C, Sacramento; owner, Urban Steeves, 521 38th, Sacramento.
DWELLING, 5-room, and garage, $3000 3748 Miller Way, Sacramento; owner, L. J. Miller, 1080 Santa Ynez, Sacramento.
FLATS (4) 4-room each 2-story, and garages, $13,200; 3914 Miller Way, Sacramento; owner, Mary Wassen, 1065 H, Sacramento; contractor, G. E. Harvie, 2212 T, Sacramento.
DWELLING, 3-room and garage, $2950; No. 756 7th Ave., Sacramento; owner, P. R. Opdyke, 1009 7th Ave., Sacramento.
DWELLING, 5-room and garage, $3950; No. 1616 38th St., Sacramento; owner, Mrs. Robin, 1405 G St., Sacramento; contractor, P. R. Opdyke.
DWELLING, 5-room and garage, $2900; No. 3938 T St., Sacramento; owner, B. H. Hill.
STORE building, one-story, $12,000; No. 908 J St., Sacramento; owner, A. M. Braddock, Premises; contracter, Chas. Mabrey, Ochsner Bldg., Sacramento.
DWELLING, 2-story 7-room, $4150; No. 1317 37th St., Sacramento; owner, C. L. Roland, Premises; contractor, Jos. Edenhofer, 3300 2nd Ave., Sacramento.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

STORE BLDG., $6500; 2567 Franklin Blvd., Sacramento; owner, W. D. Coyle, 2830 Y, Sacramento; contractor, W. P. Cippa, 2560 27th, Sacramento.
INSTALL 3-room flats on lower floor, $2500; 309 W Sacramento; owner, A. Moniz, 309 W, Sacramento; contractor, T. L. Terra, 1712 W, Sacramento.
REMODEL, $8000; 908 910 8th, Sacramento; owner, F. P. Williams, 4440 San Benito Way, Sacramento.
DWELLING, 5-room and garage, $3500 owner, A. E. Travis, 1520 38th, Sacramento.
DWELLING, 1-story 6-room, and garage, $6000; 709 34th, Sacramento; owner, H. G. Waterman, 1021 10th Sacramento; contractor N. H. Bateman, 3933 H, Sacramento.
DWELLING, 5-room and garage, $3000; 2616 17th Sacto; owner, Bateman & Waterman, 1021 10th, Sacramento contractor, N. H. Bateman.
DWELLING, 1-story 6-room, and garage, $3950; 624 San Antonio, Sacramento; owner, B. W. Graves, Del Paso Hgts, Sacramento.
DWELLING, 1-story 5-room, and garage, $2500; 3189 C, Sacramento; owner, H. L. Mee, 1920 13th, Sacramento.
DWELLING, 1-story 6-room and garage, $6500; 1022 41st, Sacramento; owner, W. H. Enos, 2131 P, Sacramento; contractor, Thos. B. Hunt, 2926 S, Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
May 21, 1924—LOT 1062 W & K TCT 21, Sacramento. John H. Jensen to whom it may concern..May 19, 1924
May 21, 1924—N 30 FT LOT 1651 & S 20 ft. Lot 1652 W & K Tct 24, Sacramento. Gerald R. Johnson to whom it may concern..May 12, 1924
May 21, 1924—E ½ LOT 6 W X 21 22 Sacramento. Mary A. Desmond to whom it may concern..May 19, 1924
May 19, 1924—E ½ LOT 2, V, W, 3rd and 4th Sts., Sacramento. Domenica Costano to whom it may concern.. .....May 17, 1924
May 20, 1924—N 36 FT. 3½ Lot 5, H, I, 14th and 15th Sts., Sacramento. Mabel A Platt to whom it may concern.....May 12, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
May 16, '24—LOT 39 STUBER KNOLL Tct, Sacramento. Sunset Lumber Co. vs William H. Griffith....$159.65
May 21, '24—LOT 35 HILLSIDE TERrace, Sacramento. Sunset Lbr Co vs William Combellach $194.15
May 17, 1924—LOT 1 Schomp Tract, Sacramento. George Jacobs (as Oregon Door & Window Co) vs Henry and Rosa Schmidt.....$157
May 19, 1924—N 60 FT. LOT 8, I, J, 10th and 11th Sts., Sacramento. H P Fisher Tile & Marble Co vs Arthur H and Phyllis K Lamb.$3255
May 19, 1924—N 60 FT. LOT 8, I, J, 10th and 11th Sts., Sacramento. H P Fisher Tile & Marble Co vs Arthur H and Phyllis K Lamb..$3255
May 19, 1924—N 60 FT. LOT 8, I, J, 10th and 11th Sts., Sacramento. H P Fisher Tile & Marble Co vs Arthur H and Phyllis K Lamb..$3255
May 19, 1924—S 120 FT. LOT 68, Crescent Park, Sacramento. Ruth Dallman (as Sacramento Plumbing Supply Co) vs Mrs J A Palmer.$285.68
May 20, 1924—N 60 FT. LOT 8 I, J, 10th and 11th Sts., Sacramento. H P Fisher Tile & Marble Co vs Arthur H and Phyllis K Lamb..$100

BUILDING CONTRACTS

CONTRA COSTA COUNTY

PERMITS

FLATS (2) two-story frame, $6100; E 19th St., bet. Barrett and Roosevelt Sts., Richmond; owner, A. A. Juadres, 536 19th St., Richmond; contractor, D. Martz, San Pablo, Cal.
SERVICE station, brick, $2500; NE Cor. Cutting and 34th Sts., Rich-

mond; owner, Pete Sassone, 228 Uullman Ave., Richmond; contractor, Tandy & Thies, 234 Chanslor St., Richmond.

DWELLING, one-story frame, $3200; E 16th St., bet. Bissell and Chanslor Sts., Richmond; owner, Ernest Kates, 147 16th St., Richmond; contractor, F. Hoskings, 459 5th St., Richmond.

DWELLING, one-story frame, $3000; SW McLaughlin and Garvick Sts., Richmond; owner, Contra Costa Realty Co., 1002 Macdonald Ave., Richmond; contractor, Tandy & Thies, 234 Chanslor Ave., Richmond

BUILDING CONTRACTS

CONTRA COSTA COUNTY

PERMITS

DWELLING, $2000; S Chanslor bet. 20th and 21st Sts., Richmond; owner, C. Gehhardt, 1927 Chanslor Ave., Richmond.

DWELLING, one-story frame, $3000; N Clinton St., bet. 15th and 16th Sts., Richmond; owner, A. J. McNany, 1920 Chanslor St., Richmond.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

REMODEL, $4925; 241 North Hunter, stockton; owner, R. E. Bain.

DUPLEX HOUSE, $4000; 116 East Clay, Stockton; owner, Mrs. E. Luly, 124 E Clay, Stockton.

PUBLIC GARAGE, $5250; 138 140 East Main, Stockton; owner, J. M. Kile, 1106 N San Joaquin, Stockton.

FIRE engine house, $18,780; No. 2060 E-Sonora St., Stockton; owner, City of Stockton.

DWELLING and garage, $3000; 1530 North California, Stockton; owner, M. Seweeoll.

DWELLING and garage, $3200; 1132 East Pinchot, Stockton; owner, Mrs. Edith Baker, 1126 Pinchot, Stockton

DWELLING and garage, $7000; 1202 North Yosemite, Stockton; owner, Mrs. Vera Wood.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted

May 23, 1924—LOT 6 AND E 1/3 OF Lot 14 in Block 27 of Victory Park Terrace. Roy L. Barber to Sidney Potter .....May 20, 1924

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount

May 19, '24—LOTS 39 & 40 SEARCHlight Addn. E. O. Burgin vs R. M. Morgan $38

May 24, 1924—LOTS 1 AND 3 BLK 131 E, Stockton. John T Hall vs R Goold and D G Johns.....$683.86

May 26, 1924—S ½ OF SE ¼ and SW ¼ Sec 34, T 4 N R 5 E, Stockton. A R Maestretti vs M P Shaughnessy and Warren H Atherton..$4678

BUILDING CONTRACTS

FRESNO COUNTY

PERMITS

DWELLING and garage, $3000; No. 2167 Poppy Ave., Fresno; owner, Stieglitz, 361 D St., Fresno; contractor, Carl Demler.

DWELLING and garage, $5000; No. 944 Vagades St., Fresno; owner, E. H. Horner, 2025 Thorn St., Fresno.

ALTERATIONS, $1000; No. 715 Harrison Ave., Fresno; owner, R. C. Kutler; contractor, McIntyre & Chapin.

ALTERATIONS, $12,000; Cherdy and Railroad Aves., Fresno; owner, Rosenberg Bros., Cherry and Railroad Aves., Fresno; contractor, Trewhitt-Shields, Rowell Building, Fresno.

DWELLING, $4500; 807 Peralto Way, Fresno; owner, Wm. Ellis, 2637 Tulare, Fresno.

ALTERATIONS, $12,000; No. 821 Broadway, Fresno; owner, T. E. Risley, 1933 Fresno St., Fresno; contractor, Yarnell & Garges, 1026 S-14th St., Fresno.

CHURCH, $7000; No. 1295 Harrison Ave., Fresno; owner, Cumberland Presbyterian Church, Merced St. Cor. R St., FOTS 11; owner, Henry F. Starbuck, 2550 Merced St., Fresno.

DWELLING, $2500; No. 828 Mayor St., Fresno; owner, Carl Lehman, 2276 Nicholas St., Fresno; contractor, Chris Sommers.

ALTERATIONS, $3000; No. 903 Roosevelt Ave., Fresno; owner, V. G. Snoddy, 903 Roosevelt Ave., Fresno; contractor, C. E. Millhollen, 2133 Kern St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted

May 24, 1924—LOTS 12 AND 13 BLK 6, Torrance Terrace, Fresno. H E Guynn to whom it may concern.. .....May 23, 1924

May 24, 1924—LOTS 16, AND 17 BLK 2, Torrance Terrace, Fresno. E D Guynn to whom it may concern... .....May 23, 1924

May 24, 1924—LOT 13 BLK 42, K. B. Heights, Fresno. Gaetano Gravino to whom it may concern.May 23, 1924

May 24, 1924—S 115 FT. LOTS 17 and 18 Blk 121, Fresno. Jazair Saghatalian & Bros to A G Woodstock.. .....April 21, 1924

May 24, 1924—LOTS 41 AND 42, High Add Annex No. 1, Fresno. Geo E May to whom it may concern..... .....May 24, 1924

May 23, 1924—LOTS 26 AND 26 BLK 31, K. B. Heights, Fresno. Pete and Lena Delecce to W A Beran..... .....May 16, 1924

May 23, 1924—LOTS 1 AND 2 BLK 11, New High School Addition. E F Inman to whom it may concern.... .....May 23, 1924

May 22, 1924—LOTS 15, 16, BLK 3, New High School Addition. E. J. O'Donnell et ux to whom it may concern .....May 17, 1924

May 20, 1924—FRESNO. Pacific Gas & Electric Co to Kyle & Co..... .....May 10, 1924

May 20, 1924—LOTS 12 AND 13 BLK 83, Sierra Vista Add. No. 4, Fresno. H T Wallers.....May 19, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount

May 24, 1924—LOTS 7 AND 8 BLK 24, Fresno. Maisler Bros vs Antonio Lopez $117

May 23, 1924—LOTS 14, 15 AND 16 Blk 68, Fresno. Joe Stretter vs S J L and P Corpn.....$6193

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE

LOT 273 SAN MATEO PARK, San Mateo. All work for 2-story frame residence.

Owner—G. H. Eilers, 234 7th, San Mateo.

Architect—Will H. Toepke, 914 Laurel, San Mateo.

Contractor—C. H. Bessett Bldg. Co., Mills Bldg., San Francisco.

Filed May 27, 1924. Dated May 2, 1924.

Roofed	$3262
Plastered	3262
Completed and accepted	3263
Usual 35 days	3263
TOTAL COST,	$13,050

Bond, $6600; Sureties, Fryce O. Kinsey and Stanley Kella; Forfeit, $10; Limit, 75 working days; Plans and specifications filed.

STORE

LOT 9 HUSING ADD HOMESTEAD, San Mateo. All work for 1-story store.

Owner—Salvator Giansiracusa et al.

Architect—None.

Contractor — Hammer & Hultberg, Homestead, San Mateo.

Filed May 27, 1924. Dated May 24, 1924.

Roofed	$1750
Plastered	1750
Completed and acepted	1750
Usual 35 days	1750
TOTAL COST,	$7000

Bond, Forfeit, none; Limit, 60 wk. days Plans and specifications, none.

RESIDENCE

LOT 9 BLK 2 BURLINGAME PARK No. 2, Burlingame. Two frame residence and garage.

Owner—T. & Ellen F. Masterson.

Architect—E. L. Norberg, 409 Occidental, Burlingame.

Contractor—G. W. Williams, 1321 Capuchino, Burlingame.

Filed May 24, 1924. Dated May 21, 1924.

Frame up	$1946
Brown coated	1946
Completed and accepted	1946
Usual 35 days	1946
TOTAL COST,	$7785

Bond, $3892.50; Sureties, Independence Ind. Co.; Forfeit, $5; Limit, 90 wk. days Plans and specifications filed.

ALTERATIONS

212 EL CAMINO REAL, Burlingame. Alterations.

Owner—E. Bangle.

Architect—None.

Contractor — Oscar L. Cavanagh, 256 State, San Mateo.

Filed May 17, 1924. Dated May 15, 1924. Cost plus 10% monthly.

TOTAL COST, $—

Bond, Forfeit, none; Limit, 70 working days; Plans and specifications, none.

RESIDENCE

LOT 18 BLK 21 San Carlos. All work for 2-story residence and garage.

Owner—Mercantile Trust Co., 464 Calif. St., San Francisco.

Architect—Harry W. Black, P. O. Box 102 San Carlos.

Contractor—S. M. Duncan and A. W. Russell, 2334 Geary St., San Francisco.

Filed, —. Dated, —.

Sub floor laid	$1000
Partitions in place	1000
Roofed	1000
Brown coated	1000
Completed and accepted	1000
Usual 35 days	1000

BUNGALOW

LOT 19 BLK 9 EAST AVE., Burlingame All work for bungalow.

Owner—Thomas S. and Gertrude Taylor, 1427 De Soto, Burlingame.

Architect—None.

Contractor—Wallace Waterhouse, Burlingame.

Filed May 20, 1924. Dated May .., 1924.

Frame up	1625
Brown coated	1625
Completed and accepted	1625
Usual 35 days	1625
TOTAL COST,	$6500

Bond, none; Forfeit, $5; Limit, 100 wk days; Plans and specifications, none.

DWELLING and garage, $3000; Lot 15 Blk 36 Peninsula Ave., Burlingame; owner, Fred Lang; contractor, M. Sorenson, 16 Dwight, Burlingame.

BUNGALOW, $5800; Lot 10 Blk 19 Easton No. 2 Carlos Ave., Burlingame; owner, Thos. S. Taylor 1427 De Soto Burlingame; contractor W. Waterhouse.

BUNGALOW and garage, $4000; Lot 26 Blk 1 Sanchez Ave Laguna, Burlingame; owner, Chas. Bell; contractor, Chas. Bell.

NEW KITCHEN and laundry, $1500; 114 Stanley Road, Burlingame; owner, Jack Schwab, 114 Stanley Burlingame; contractor, W. D. Nicolaides, 218 Peninsula, San Mateo.

BUNGALOW and garage, $5000; Lot 1 Blk 6 Easton No. 1 Capuchino Ave; owner, E. S. Shaver 765 Farringdon Burlingame; contractor, E. S. Shaver.

BUNGALOW, $8000; Lot 9 Blk 2 Burl. Sub No. 2 Burlingame Ave. Burlingame; owner, T. Masterson, D and 3rd. San Mateo; contractor, E. W. Williams Co., 1321 Capuchino, Burlingame.

BUNGALOW and garage, $3500; Lot 2 Blk O B St., San Mateo; owner, M. Laurenson; contractor, M. Laurenson.

BUNGALOW and garage, $6500; Lot 13 Blk 1 Laurel Ave., Hayward Park, San Mateo; owner, J. Desmond, San Mateo; contractor, W. T. Croop, 1st Ave., Homestead, San Mateo.

UNGALOW and garage; $7000; Lot 29 Blk 8 Highland & Poplar Ave., San Mateo; owner, W. J. Quinn, 307 Scott St., San Francisco; contractor, W. J. Quinn.

UNGALOWS (4) and garage, $17,000; Lots 1 2 3 Blk 2 State Street, San Mateo; owner, A. Maritzen, 21 R.R. Ave., San Mateo; contractor, A. Maritzen.

LTER DWELLING, $3000; 455 Wisnom Ave., San Mateo; owner, H. Hibrus, 455 Wisnom Ave., San Mateo; contractor, L. Regner 65 North H St., San Mateo.

LTERATIONS, $1000; Lot 1 First Ave, San Mateo; contractor, A. D. Brown 624 1st Ave., San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted

May 20, 1924—LOT 24 BLK 9 EASton, Burlingame. James A. Kaye to Audey Ewing .....May 20, 1924

May 20, 1924—LOT 6 BLK 16 BURlingame Grove, Burlingame. Inga Hauson to Ivar D. Peterson.....May 20, 1924

May 16, 1924—LOT 18 BLK I HAYward Park, San Mateo. owner, Mik Sisevich to W. O. Nicolaide.....May 15, 1924

May 13, 1924—LOTS 29 31 33 BLK C Milbrae Park, Milbrae. Wm. J. and Mae Pillars to whom it may concern .....April 10, 1924

May 14, 1924 — PART LOT 271 SANMateo Park, San Mateo. Jacob H. Hahn to whom it may concern.....May 13, 1924

May 18, 1924—LOT 13 & W ½ LOT 2 Blk 14 Easton, Burlingame. Paula Clausen to Larsen Building Co.....May 10, 1924

May 17, 1924—LOT 38 & 38 BLK 1, Jenevein Sub San Bruno. William Palmer to F. C. Grisez..May 14, 1924

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Accepted

May 19, 1924—LOT 13 RESUB 9 TO 45 Inc. Roosevelt Oaks. Redwood. E. W. MaGruder to H. W. Bucher $103.37

May 19, 1924—LOT 2 BLK 10 BURlingame Grove, Burlingame. M. J. Lolor to Henry East.....$105

May 19, 1924—LOT 25 BLK 7 SAN Bruno Park. San Mateo Feed and Fuel Co to William Demartini.$101.25

MOVES OFFICES

Murnane Store Front Co., formerly located at 1077 Mission street, has moved to larger quarters at 1095 Market streeet. Phone number remains the same, Market 3836.

NEW PHONE NUMBER

Cement Gun Construction Co. of California, 1202 Hobart Bldg., San Francisco, announces phone number has been changed from Sutter 3988 to Garfield 5547.

Brick From Pressed Dirt Are Popular in Europe

Compressed brick made from ordinary dirt and suitable for house construction has been developed by two French engineers working under the auspices of the National Committee for Scientific Research and Invention.

In the process perfected by Waligorsky and Carriere, ordinary subsoil earth containing five to eight per cent of clay is compressed by tremendous pressure. The resultant bricks have a pressure resistance of 600 pounds per square inch.

Walls are coated with a protective mixture which makes them impervious to moisture. The committee states that the new bricks are only recommended for low buildings. Their chief value will be on the farm where outbuildings and walls can now be built with materials found on the premises.

The committee is trying to duplicate the results obtained by a German engineer named Hecht who uses a mixture of other ingredients. To greasy, slippery earth is added either foundry waste, coke ashes or other cheap porous substances. Pine needles are kneaded into the mixture which is placed in moulds, compressed by hand and allowed to dry in the open air. The bricks formed are considerably larger than the ordinary variety, thus reducing the labor of brick-laying.

Two workers and an assistant working at Gross-Lichterfeld are able to make 200 to 225 bricks in an eight-hour day, equivalent to 1300 bricks of the ordinary size.

Once they are dry these blocks are sufficiently hard to be laid the same as other bricks. A special mortar has been prepared. Laboratory tests show a resistance of 64 pounds per square inch for blocks four weeks old. Age makes them more resistant. Outside walls are made 9 to 12 inches thick, Inside separating walls only 5 inches. Only one-story buildings are constructed but they are dry, warm in winter and cool in summer.—(Science Service).

OMAHA BRICKLAYER STRIKE IS CALLED OFF

With the withdrawal of the demands of Omaha bricklayers for a wage increase of 10 per cent and a closed shop program, the threatened building strike in Omaha this year has collapsed. The bricklayers said they were satisfied to keep their present wage scale of $1.25 an hour and let the closed shop provision fall by the wayside .

The contractors refused to consider either of the demands, and when the bricklayers refused to work, they declared for the open shop. After doing without their wages for more than a month, the leaders were perfectly willing to withdraw their demands, the contractors reported.

This, the master builders declared, is the final chapter of all wage disputes with the Omaha Building Trades Council for this year.

R. R. BUILDING CLAIM SETTLED

The National Railways of Lower California has settled claims of Contractor James H. Maxey of Yuma, Ariz., for work done on the California-to-Gulf railway by allowing him $47,509.53 as indemnity for loss of profits due to stoppage of work. Several miles of roadbed had been graded and some steel laid when on account of the revolution the National Railways, which is a federal concern, discontinued construction. C. N. Perry, chief engineer of the Imperial Irrigation District, acted as adjud.cator in the settlement of the claims.

FEDERAL CONSTRUCTION RECEIVER SUIT HEARING

Troubles of the Federal Construction Company, now in the hands of a receiver, occupied the attention of three judges, sitting en banc, in San Francisco, May 27.

The judges were James M. Troutt of San Francisco, Pat R. Parker of Mono county and Earl Wooley of Fresno. Two suits involving control of the company are pending in the San Francisco court, one before Judge Troutt and the other before Judge Parker, sitting for Judge Flood. A third is pending before Judge Wooley in Fresno.

When an attempt was made, at the recent hearing, by attorneys representing some of the stockholders to consolidate all three cases, it was suggested that the Fresno case be tried separately, and that the verdict obtained there would probably furnish a basis for settlement of both local contests.

Counsel representing H. K. Eells, W. F. Hanrahan, A. K. Hanrahan and Thomas Hanrahan, each claiming control of the million dollar company, and William H. McCarthy, receiver for the company, will confer soon to work out a program for trial of the cases, they announced, and they will report to the three judges within a week.

The Hockenbury System, Inc., Harrisburg, Pennsylvania, recently published Volume II, No. 4 of the "Hotel Financialist," an attractive journal devoted to the subject of hotel finance as it pertains to community financed hotels.

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery etc. Send for rates in your territory, advising class of work in which you are interested.

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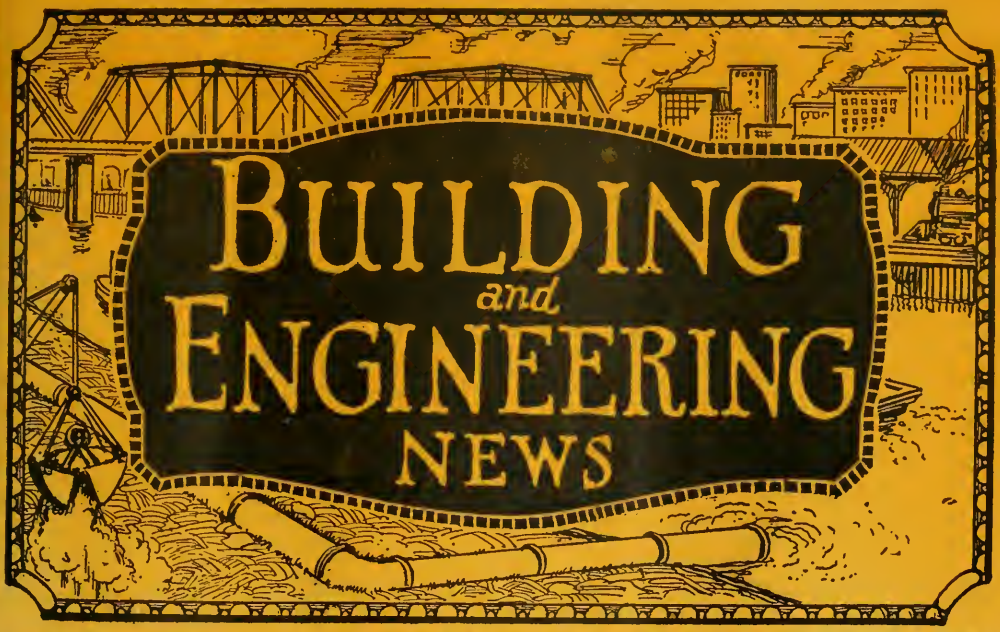

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SAN FRANCISCO, CALIF., JUNE 7, 1924

Published Every Saturday
Twenty-fourth Year No. 23

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Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

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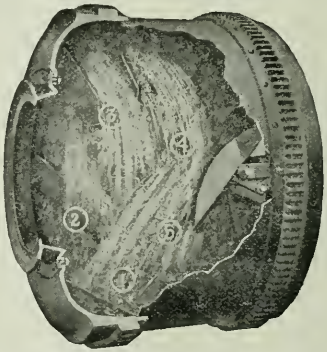

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

Issued Every Saturday — SAN FRANCISCO, CALIF., JUNE 7, 1924 — Twenty-fourth Year No. 23

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HIGHWAY MEET CALLED

Frederick H. Meyer, Chairman of the highway committee of the San Francisco Chamber of Commerce, has issued a call for a meeting of the committee of nine recently appointed by Governor Richardson to make a study of the state highway situation relative to future requirements. The meeting will be held Friday, June 6, at 2 o'clock in room 237, Merchants' Exchange Bldg.

The conference will be participated in by representatives from the California State Automobile Association, Board of Supervisors, The Down Town Association, Marshall Hale, representing the Victory Highway Association, Three Cities Chamber of Commerce, South San Francisco Chamber of Commerce, Peninsula Bureau of Chambers of Commerce, San Rafael Chamber of Commerce and Napa Chamber of Commerce.

As viewed by the highway committee of the Chamber of Commerce the important problems confronting this section of the state are:

Construction of the Bay Shore Highway, paving of the Sky-Line Boulevard, construction of road from Tiburon to San Rafael, completion of paving Black Point cut-off road to Napa, widening and straightening of the Marin County highway from Sausalito, construction of road and approach on both the east and west side of the bay leading to the proposed Dumbarton Bridge.

SEVENTEEN MILLIONS FOR L. A. HARBER IMPROVEMENTS

Expenditure of $17,000,000, of which $10,000,000 would be furnished by the federal government in the dredging of Los Angeles, Calif., harbor and extensions of the Long Beach breakwater, is recommended by Major General Beach, chief of army engineers, in a report transmitted to Speaker Gillette.

Dredging costs, the report estimated, would total $3,000,000, all to be borne by the federal government, which also would mean one-half of the expense of the breakwater, estimated at $14,000,000 in the event the "inner harbor" site is chosen.

If the "outer harbor" site should be selected for the breakwater extension, said the report, an additional expense of about $4,200,000 would be incurred, all of which should be borne by local interests.

Selection of the outer site, it was pointed out, would bring the total estimated cost of the improvement up to more than $21,000,000. The report said that the outer site was more desirable.

General Beach recommended a 35-foot channel at mean low water from the harbor entrance to the turning basin, with the entrance widened to 1000 feet. Dredging to a depth of 35 feet of an area of about 60 acres in the southwest corner of the outer harbor was also recommended as was a deepening to 30 feet of an area 300 feet wide along the easterly, northerly and a portion of the westerly side of the west basin.

A channel 32 feet deep and 300 feet wide was recommended between the turning basin and the Los Angeles-Long Beach line in Cerritos channel. A unified port administration should be created, the report said, and a belt line established and the remainder of Cerritos channel dredged.

SOUTH S. F. CHANNEL CONSTRUCTION IS URGED

The plan to have a 30 foot channel in San Francisco Bay off South San Francisco is being pushed in Washington by F. T. Letchfield, Industrial director of the San Francisco Chamber of Commerce. At a recent meeting held by the Board of Engineers for Rivers and Harbors the need of government aid toward developing the channel was presented by F. T. Letchfield, Senator Shortridge, Congressman Free of San Jose, Howard F. Sedgwick, secretary to Congressman Julius Kahn and L. W. Thayer of South San Francisco.

Mr. Letchfield said that the industrial and commercial growth of San Francisco had reached a point where it is physically impossible to provide adequate and suitable sites and facilities without expanding the development southward along the shorelands of the peninsula.

Mr. Letchfield also stated that during the last fiscal year the foreign and water-borne domestic trade through the Golden Gate amounted to a total value of $1,976,000,000, which was greater than the same trade of all other Pacific Coast cities combined.

Mr. Letchfield pointed out that in San Francisco there are but forty-three square miles within the corporate limits, and that today less than 3 per cent of this area is available to acreage industries.

LOS ANGELES CAPITOL TO FINANCE OAKLAND BUILDING

That Los Angeles is anxious to finance Oakland building operations was demonstrated when M. G. Kendell, superintendent of the California Builders' company, left for the south to accept an invitation from a syndicate of Los Angeles capitalists and bankers. Negotiations were opened with Kendell several weeks ago for the release of Los Angeles money for use in the Oakland field.

"Oakland's building development is far exceeding our local resources," explained Kendell. "There are literally thousands of people in the bay district who own property and who stand ready to improve it with either apartment houses, dwelling houses or business buildings if the construction can be financed. A survey indicates that there are tenants for as many buildings as can be built during the next twelve months.

"This situation has been appreciated by Los Angeles, where the intense building activity has abated. Some time ago I was approached and asked if our company could make use of some of this outside capital. I canvassed the situation, and am making the trip for the purpose of completing arrangements whereby a portion of this money will be immediately utilized for building construction."

KNAPP BARREL PLANT GOES TO OAKLAND

Arrangements are being completed by the Knapp Metal Barrel Company, Balboa Bldg., San Francisco, for the erection of its plant on the Parr Terminal, Oakland. Approximately $100,000 will be expended in construction. The main factory structure will be two stories in height, of all steel construction, covering an area of 40 by 140 feet with 5600 square feet of floor space on the first floor and 5400 square feet on the second floor. A two-story office building, costing $20,000, is also contemplated.

Features of the Knapp metal barrel are that it is to be made of metal with the interlocking wooden head in all sizes, making it reusable and returnable and of special value to those shiping lime, cement, asphaltum concentrates, candy, dried fruits, coffee, beans, sugar,etc.

After the establishment of the local home factory it is planned to locate branch plants in Los Angeles and Seattle, thereby enabling the company to cover fully the States of California, Oregon, Washington, Montana, Colorado, Utah, Nevada and Arizona together with Hawaii, Alaska, British Columbia and the West Coast of Mexico.

PHOENIX CEMENT PLANT

E. W. Michael, president of the Verde River Irrigation & Power District at Phoenix, Ariz., announces that large cement interests plan to establish a $1,000,000 cement plant in or near Phoenix, as soon as bonds for the Verde district's power and irrigation project are sold. Large deposits of limestone and other materials are said to have been secured nearby.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Guilfoy Cornice Works is occupying new and larger quarters in Howard street near Eighth, San Francisco. Increased business and the installation of additional equipment compelled the company to erect its own plant at a cost of approximately $10,000. The structure is of frame construction and features an ornamental galvanized front manufactured in the company's shops. Architect Mel. I. Schwartz prepared plans for the building.

Ben H. Covell, Sacramento building inspector, reports the issuance of 290 permits during the month of May, the improvements aggregating an expenditure of $948,872 as compared with 297 permits with a total of $703,740 during the same period in 1923. Total operations for the first five months covers 1504 permits, the improvements totaling $3,768,028.

Construction has been started on a plant for Walter Mork in San Pablo Avenue between Hearst and Delaware Avenues, Berkeley, for the manufacture of the Vassal Humid Heat Furnace. The new plant will replace the plant now operated by Mork at San Pablo and Hearst Avenues, Berkeley.

Humboldt Lumber and Building Company, 233 G Street, Eureka, will establish a mill and erect dry kilns on Lawrence creek in Humboldt county. D. H. McFarlan of Eureka is vice president and general manager of the company.

According to work from Washington, favorable consideration is being given a bill appropriating $1,500,000 to finance construction of a "sanitary fireproof" hospital at the national home for disabled soldiers at Santa Monica, Cal.

Gas Appliance Sales Co., formerly located at 917 Van Ness avenue, has moved to larger quarters at 12 Valencia street, San Francisco. The company carries a complete line of Majestic and California automatic water heaters.

Oakland, Calif., during the month of May issued 1013 building permits, the cost of the improvements being estimated at $2,241,383. During the month 292 permits were issued for one-story dwellings costing $850,905.

Martin Stucco Company, capitalized at $50,000, has filed articles of incorporation. Directors are: W. S. Hatch, H. C. Martin and R. L. Ulsh. The principal place of business is San Francisco. The company operates a plant in Oakland.

Macknel Signal Corp., of Lancaster, New York, has opened a branch office at 4048 E-14th Street, Oakland, with John C. Hill as Pacific Coast manager. The company manufactures street traffic, police and highway signals.

Lederman Building Co., of San Francisco, has been incorporated with a capital stock of $20,000. Directors are: E. D. and J. D. Lederman and J. F. Gardner.

Paul E. Kressly of Los Angeles has been appointed city manager of Huntington Park to have charge of the construction of a sewer system for that city.

The Michigan-California Lumber Company of Camino, in a deal just consummated, has taken over from the Swiss Lumber Company what is said to be one of the largest individually-owned tracts of timber in the county. The consideration was not divulged by either party. This will give the Michigan-California Company the largest block of virgin timber in this country, and one of the largest on the Pacific Coast.

Col. Edwin Landon of the Political Science Department of the University of California and Charles L. Trabet, prominent Berkeley civic leader, have been appointed members of the Berkeley City Planning Commission, succeeding Professor Eugene Neuhaus and John H. Kimball, who resigned due to pressure of private business.

Sanderson and Porter, of San Francisco, have been selected to supervise construction of a $500,000 power plant at Electric Park, between Aberdeen and Hoquiam, Wash., for the Grays Harbor Railway and Light Company. Construction will be carried on under the day labor system.

J. W. Price, building inspector of Anheim for four years, has been appointed city manager of that city to succeed O. E. Steward, resigned. The building and engineering departments of the city will be combined under one head, the city engineer. Clyde D. Butler is city engineer.

California-Oregon Power Company and Pacific Gas and Electric Company have been authorized by the State Railroad Commission to enter into an agreement whereby the California-Oregon Company will build a plant near the Oregon line and sell power therefrom to the Pacific company.

L. F. Gates, city engineer of Huntington Beach, has resigned to consider several possible connections with the federal government engineering forces, his resignation to take effect in 30 days. The city trustees are considering application from a number of engineers.

During the month of May, Alameda city building inspector reports the issuance of 126 permits for improvements totaling $404,782, a loss of $42,480 as compared with the total for April of this year.

Incomplete returns show the $34,640,000 Los Angeles school bond issue carried. Proceeds of the sale of the bonds will finance the purchase of sites and erection of new schools.

Thomas Cavanaugh, general contractor and member of the San Francisco Builders' Exchange, has left for a three month pleasure tour of the East.

Hayward Roofing Co., dealing in paints and roofing materials, has opened office and warehouse quarters at 540 Castro St., Hayward. Edw. McFarlane is manager of the concern.

Butte County Supervisors will levy tax for $185,000 to finance construction of American Legion club buildings in various sections of the county.

IMPROVED BRICK TESTER

An apparatus for testing brick which is considered superior to existing equipment has been designed by the Bureau of Standards, Department of Commerce. The present standard apparatus, the Bureau points out, has many loose parts which fall on the floor or are scattered when the brick breaks, whereas in the case of the Bureau's apparatus all the parts stay in position.

The making of tests with this new apparatus was found to require only 58 per cent of the time required with the old apparatus, an important saving when many brick are to be tested. Results obtained in tests were found to be in agreement with those obtained by tests on the old apparatus. Tests were made with the brick supported at the ends and loaded in the middle as in a beam, and clay, cement, and sand-lime brick used in the tests in order to make sure that the new apparatus gave correct values for the strength of any of the bricks which are commonly used in buildings.

TIMBER SALE AWARDS

According to word from Washington awards covering the sale of approximately 310,000,000 feet of ripe timber in the Klamath Indian reservation in Oregon have been made by the interior department involving approximately $1,500,000 which will go to the Klamath tribe.

The bidder receiving the award on the Squaw Flat unit was the Shaw-Bertram Lumber Company of Klamath Falls, which offered $5.72 a thousand feet board measure for yellow and sugar pine; $2.50 for Douglas fir and incense cedar, and $2 for other species of timber cut and scaled prior to April 1, 1928.

The bidder awarded the contract on the Trout creek unit to Klemet and Kennedy of Fortson, Wash., with a bid of $4.78 for yellow and sugar pine; $2.03 for Douglas-fir and incense cedar, and $1.03 a thousand feet for other species of timber cut and scaled prior to April 1, 1928.

ROCK PLANT DAMAGED

Damage amounting to approximately $20,000 was done May 30 at the newly established quarry of S. H. Errington east of Napa, when a barrier of huge boulders, thrown through the air by blasting, tore a rock laden bunker weighing 500 tons from its foundation, moved it ten feet northward and set it down on two practically new motor trucks, flattening them out. The bunker was located about seventy-five yards from the site of the blasing operations and was considered solid and safe.

NEW PUBLICATION

A new catalog has been issued by the Detroit Steel Products Company, Detroit, Michigan, containing illustrations and descriptive matter on a new line of Domestic Casement Windows to be sold under the trade name Fenestra. These new casements are available in numerous types and sizes, and are recommended particularly for homes and apartment buildings. Copies of the catalog may be obtained upon application to the manufacturers.

NEW FOLDER

Edward R. Bacon Co., Folsom and Seventeenth streets, San Francisco, has issued an illustrated folder featuring the "Hetzel" steel batch mixing boxes and steel tool boxes for which the company is exclusive agents in this territory.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

CALIFORNIA SEEKS HIGHWAY MEET

Interested in bringing to California for their annual conference the leading highway officials and engineers of the nation, the California State Automobile Association, through its good roads bureau, is lending its full strength to the effort to secure for San Francisco next December the annual convention of the American Association of State Highway Officials, Wm. T. Sesnon, president of the Association, announces.

Not only will the leading administrative and engineering authorities from the several state highway organizations be in attendance, but also the highest officials and engineers of the United States Bureau of Public Roads.

Harvey M. Toy, chairman of the California Highway Commission and California's member of the executive committee of the national association, left last week to attend the meeting of the committee which convenes at Greensboro, North Carolina, on Jnne 4th to select the convention city. He carried with him letters from Governor Richardson, Mayor Rolph of San Francisco, President Seson of the Automobile Association and other officials urging San Francisco's consideration by the committee.

"This convention would be one of the most valuable California could secure, in view of the intensive study now underway of the state highway situation and the effort being made to formulate a business-like program for future financing and construction policies," says Arthur E. Loder, highway engineer of the Automobile Association. "This meeting is looked forward to each year as bringing forth the most advanced thought on highway engineering, finance and administration, and to hold it here would prove of marked assistance in arriving at a solution of California's highway problem."

STOCKTON LIONS LUNCHEON WITH BRICKMEN

Members of the Stockton Lions Club recently enjoyed a luncheon at the brick kilns of the Stockton Brick and Tile Company, operating a plant in Stockton. The luncheon was arranged by Frank S. Boggs, club member and a part owner in the Stockton plant. The Hospitality Committee was composed of Boggs and four of his associates in the company, namely, Ralph Wilcox, Paul Weston, W. C. Blewett and J. L. Blossom.

HIGHWAY SUIT OPENED

Trial of the suit of Guy F. Atkinson against the State of California, on a state highway contract, opened May 23 before Superior Judge Malcolm C. Glenn of Sacramento, and, at the close of an all day session, was continued until Wednesday, June 4.

Atkinson contracted with the state highway commission for the construction of twelve miles of highway in Fresno county, for which he was paid $268,000 by the state. He now alleges that the state engineers underestimated the value of the work completed by him, and that $25,000 is still due him. The highway officials, however, contend that the $268,000 already paid him was in full for all the work.

General Contractors Move to Reduce Skilled Labor Shortage

Determined to take action which will reduce the shortage of skilled labor in the Construction industry, general contractors throughout the entire country are appealing to boys and youths who are graduating from schools and colleges within a few days, laying before them the benefits to be gained from entry into the building trades.

The campaign against the lure of the "white collar" job, initiated sevral weeks ago by the Associated General Contractors of America, is being aided by the co-operation of the Federal Board for Vocational Education. The government agency has issued a bulletin to its agents and educators generally in every state, outlining the efforts being exerted by the contractors and indicating the means which may be taken by those within its sphere of operation to add to the success of the movement.

The text of the bulletin issued by the Federal Board Follows:

"Building trades employers in each community are planning to visit the public schools this year and explain to the graduating classes the advantages of apprenticeship in the building trades, according to the program announced in the current issue of the Constructor, national organ of the Associated General Contractors. An appeal to members of the A. G. C. to volunteer for this service was featured in the issue. Supplementing this appeal, the Constructor published an article by G. A. McGarvey, of the Industrial Education Division of the Federal Board for Vocational Education, giving practical suggestions to contractors how to successfully address an adolescent audience. The plan has attracted wide attention on the part of employing builders who are confronted with the perennial problem of recruting satisfactory apprentices.

"Such a step on the part of the contractors is a development of the first significance to vocational education. It is another indication of the increasing willingness of employers to cooperate with the public schools. It will strengthen the feeling of mutual serviceability between the schools and the economic interests of the community.

"The value of vocational talks to school pupils by practical business men must be far-reaching. A dynamic presentation to school boys of the advantages of building trades employment will do much to counteract the present mistaken tendency of youths to crowd into the "white-collar" occupations. The message of the employer will reach the boy at the turning point in his life. It will come to him at his most impressionable and plastic age. It will be a service of vcoational guidance which is acutely needed by many of the pupils of our public schools.

"With the contractors taking the initiative in such a program, it behooves our school heads to meet them halfway, and more. The vocational teachers and supervisors should act as liaison officers to this end. Contact should be established in each locality between the public school principals and the officers of the local building trades employers' association in order that adequate preliminary arrangements for the visits be made. The occasion of the visits should be staged with careful forethought. A cordial spirit of welcome should greet the contractors when they come.

"The plan is, of course, experimental on the part of the A. G. C. this year. But, by a proper spirit of co-operation, the schools have an opportunity to persuade the contractors to make the program permanent. Moreover, through the contacts thus established, the schools will often be able to win the interest and support of the contractors in the part-time vocational program for apprenticeship training. All in all, it is an exceptional opportunity for the schools to cement ties of co-operation between themselves and industry. The program should have the support of every progressive educator."

Circulation of this bulletin throughout the educational system of the country assures contractors that their efforts to induce boys and youths leaving school this year to enter the building trades will have an invaluable assistance.

By taking this move this year, general contractors throughout the country will be laying the foundation for a systematized and highly productive method of securing apprentices each year in the future. If the movement can be so well established this year as to implant itself as a practicable annual action, educators will be able and glad to work hand in hand through weeks leading up to graduation week each year.

CONTRACTORS NAME MANAGER

Fred G. Simmons, former State engineer of Oklahoma, has been appointed general manager of the Contractors' Association of Northern California. He succeeds H. A. Nunn, former highway engineer of Oregon, who resigned to become city manager of Santa Barbara. Previously to going to Oklahoma, Simmons was commissioner of public works in Milwaukee for five years. He is a past president of both the American Electric Railway Engineering Association and the Engineering Society of Wisconsin and a member of the American Society of Engineers. For eight years until 1897 he was an official of the Denver City Tramway Company in charge of tracks and paving. Then he went to Milwaukee to become construction and maintenance engineer for the Electric Railway and Light Company. He was in this position for fifteen years before taking city office.

BRICK ASSOCIATION OPENS SEATTLE OFFICES

To encourage the use of clay products in the Pacific Northwest and working in conjunction with the Common Brick Manufacturers' Association of America, of which the new association is a member, the Pacific Northwest Brick Manufacturers' Association has opened offices at 425 Burke Building, Seattle. The office is in charge of Harry B. Steel as promotion manager.

B. C. LUMBERMEN ASK TIMBER ROYALTY BILL REVISION

Lumbermen of the province of British Columbia face ruin unless there is a revision of the Timber Royalties Act of 1915, says the British Columbian Lumberman.

Declaring that the act which arranged that when the wholesale price of lumber should exceed $18 the royalties should be increased by a percentage of the excess, is wrong in principle, W. McNeill, managing director of the Timber Industries Council of British Columbia, points out in the lumber publication that when the act was placed in effect no one foresaw the rapid increase in lumber prices that would follow the world war conditions.

In 1914 the price of rough lumber was only $12 per 1000 feet, board measure. By 1919 the wholesale selling price had mounted to $19.49, an increase of $1.49 above the basic price of $18, and of which the government was to have a 25 per cent share.

McNeill says that this increase ratio carried out for the next five years would send the price to $28, or $10 above the base figure; and which would give the government 30 per cent in addition to the original royalties, or a total tax against the timber industry of $3.85 for No. 1 and No. 2 grade lumber.

This he holds would spell absolute ruin for the lumbering industry, and he urges early revisions that will make the royalties act serve its original purposes, and not allow it to menace the main asset of the province.

In addition to between three and four million dollars obtained in lumber royalties last year, the province, Mr. McNeill points out, derived a large proportion of its income and personal property taxes from the lumbering industry.

PORTLAND MASONIC TEMPLE DESIGN IS AWARDED

Sutton and Whitney, Portland, Ore., architects, have been commissioned to prepare working drawings for the proposed $750,000 Masonic temple to be erected on property bounded by Main, Madison, West Park and Tenth Streets, Portland. The selection was made following an architectural competition in which leading architects of Portland submitted drawings.

Whitehouse, Knighton and Howell took second prize and Lawrence, Holford and Bean, third prize. The first prize offered was $1000 and the commission to prepare working drawings for the structure. Second prize carried $600 and third prize $400.

The judging of the plans and designs submitted was made by a jury composed of Charles Peter Weeks of San Francisco, George Grove of Tacoma and Frank S. Baillie of Portland. Plans and designs were all submitted without the names attached to the West Coast National bank and the judges did not know the identity of the designers in making the awards. It was announced that the awarding was unanimous on the part of the three judges.

BITUMEN DEPOSIT FOR SALE

E. C. Cordell, U. S. Bureau of Public Roads, 9 Main street, San Francisco, desires to get in touch with some of the large users of bitumen in San Francisco and vicinity, either for street work or for road construction, who might be interested in a large bitumen deposit, both solid and liquid, in Ventura county. The deposit lies within a few hundred yards of the railroad and is easily accessible by motor truck. Deposit is very large and can be worked with a steam shovel.

CUTTING PLUMBING COSTS

Another material cut in the cost of building construction is assured the home builder who follows the directions included in a booklet "Recommended Minimum Requirements for Plumbing Installations in Dwellings and Similar Buildings," just released by the Department of Commerce.

This report which is the result of investigations and tests conducted under the direction of the Department's Housing Division in co-operation with a group of dihtinguished engineers and expert plumbers, shows that a saving of from $50.00 to $100.00 can be effected in the plumbing costs of ordinary dwellings.

In conducting these tests, which continued over a period of two years, whole systems of piping and fixtures similar to those in use in ordinary buildings were built, tested, and wrecked to make way for others more economical in cost, and efficient in operation.

The results disclose that the present customary house trays can be safely omitted; that many feet of vent pipe formerly thought necessary can be omitted; and that in innumerable cases three inch pipes can be used in place of the four-inch standard as fixed by many municipal building codes.

The report includes a plumbing code recommended for adoption by cities and towns and gives detailed information for the economical design of plumbing systems, the choice of materials and fixtures and many other facts of interest to builders and home owners. Copies may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., for 35 cents a copy.

MAY BUILDING TOTAL

Building operations in San Francisco for the month of May, 1924, totaled $5,478,111, according to John P. Horgan, chief inspector of buildings of the Department of Public Works. During the past month 932 building permits were issued.

For the same period in 1923, the total number of permits was 948, the improvements costing approximately $4,928,986. During the month of April, this year, 1045 permits were issued, the improvements aggregating an expenditure of $5,036,673.

Following is a segregated report of the May, 1924, activities:

Class	No. of permits	Est. Cost
"A"	2	$ 750,660
"B"	2	550,000
"C"	33	1,129,004
Frames	450	2,580,619
Alterations	442	357,501
Public Bldgs.	2	71,651
Harbor Bldgs	1	38,676
Total	932	$5,478,111

STOCKTON TO BOND FOR CIVIC IMPROVEMENTS

Voters of Stockton will decide on June 17 the question of issuing bonds to finance construction of six municipal projects. The propositions are:

For a restraining dam and the control of impounded water to protect the city of Stockton from floods, the sum of $1,500,000.

For the city's share in the cost of a subway on Miner Avenue at Sacramento street (etc)., $100,000.

For parks and recreational grounds, development and improvement, $137,900

For a new fire alarm system and department equipment, $346,000.

For motor equipment for the engineering department, $26,300.

For the improvement and repair of streets, for bridges and highways in the city of Stockton, $339,800.

WATER POWER DEVELOPMENT IN CANADA

With an increase during the year 1923 of over a quarter of a million horse-power the total hydraulic power installation of Canada has now reached the total of 3,227,414 h. p., according to a report of the Dominion Water Power Branch of the Department of the Interior. The known available water power in Canada, from all sources and within the limitations outlined, is 18,255,000 h. p. for conditions of ordinary minimum flow and 32,076,000 h. p. under a flow estimated for maximum development, i. e., dependable for at least 6 months of the year. The 3,227,414 h. p. at present installed in Canada may be classified as follows: 2,411,701 h. p. in central stations for general distribution for all purposes; 497,620 h. p. installed in pulp and paper mills, not including 228,755 h. p. purchased by pulp and paper companies from central stations; 318,093 h. p. installed in industries other than central stations and pulp and paper mills. The total installation for the Dominion averages 353 h. p. per 1,000 population, a figure which places Canada third in the per capita utilization of water power among the countries of the world, Norway and Switzerland only having a higher per capita utilization.

REFRIGERATOR COMPANY PERFECTS NEW PRODUCT

Announcement is made that the Es-q-ma Refrigerator Company, Inc., whose product has been in the process of perfection at the plant of the Resilient Safewheel Company, Inc., Eighteenth and Cypress Streets, Oakland, will shortly produce two models of refrigerating machines, one for use in the Home Type Ice Box and one to refrigerate ice cream cabinets used by confectionery and ice cream dealers, drug stores, etc.

It is stated that in the Es-q-ma Electric Refrigerating unit for the family ice box, a brine tank takes the place of the cake ice minus the annoyance of the latter. Es-q-ma, it is stated, maintains an even freezing temperature 24 hours per day, is automatic, and requires no attention, does the work economically, silently and furnishes pure ice cubes.

TUNNEL PLANS APPROVED BY WORKS BOARD

Plans for the proposed Eureka Valley tunnel under Mount Olympus to connect the Sunset and Mission districts, together with assessment districts outlined, have been approved by the San Francisco Board of Public Works, on recommendation of City Engineer M. M. O'Shaughnessy. The plans have been forwarded to the supervisors for consideration.

The east portal of the proposed tunnel is located at Danvers street and Corbett Avenue and the west portal at Cole and Alma Streets. The cost of the project is estimated at $1,572,654 of which the city is to pay $393,163, the remainder to be financed by property owners.

HIGHWAY ENGINEER DIES

Sidney Griggs, engineer, formerly connected with the main offices of the State Highway Commission, died in Glendale, recently. Griggs was transferred to the Los Angeles division of the commission about a year ago and had since been making his home at Glendale. He had been in the employ of the state for a number of years and at one time was connected with the engineering department of the Southern Pacific Company.

Building News Section

APARTMENTS

lans Being Prepared.
PARTMENTS Cost, $50,000
AN FRANCISCO, NE Cor. Chestnut & Laguna Sts.
hree-story and basement frame and plaster apartments.
wner—Stock and Jose.
rchitect—Baumann & Jose, 251 Kearny St., San Francisco.

ans Complete.
PARTMENTS Cost, $65,000
AN FRANCISCO, W Julian Ave. 275 N 16th.
hree-story and basement frame (21) apartments.
wner—F. P. Schuster, care architect.
rchitect—F. S. Holland, 1629 Folsom St., San Francisco.

ontract To Be Awarded.
PT. & STORE Cost, $17,000
AN FRANCISCO, Bartlett Street.
hree-story and basement frame and stucco apartments (5 2 and 3-room apts. and stores).
wner—Withheld.
rchiect — Fabre & Hildebrand, 110 Sutter St., San Francisco.
A. L. Thulin & Son, 242 16th Ave., ere low hidders and will probably be varded the contract.

Contract Awarded.
PT. BLDG. Cost $11,700
AN FRANCISCO, N Sutter 90 W Leavenworth.
umbing, gas fitting etc. for 6-story apartment building.
wner—J. Steur, 760 Geary St., San Francisco.
rchitect — J. C. Hladik, Monadnock Bldg., San Francisco.
ontractor—Henry Ernet & Sons, 633 Hayes, San Francisco.

Contract Awarded.
EMODEL Cost $28,000
AN FRANCISCO, N Sutter 90 W Leavenworth.
emoval of brick walls, concrete and cement work, carpenter work for 6-story apartment building.
vner—J. Steur, 760 Geary St., San Francisco.
rchitect — J. C. Hladik, Monadnock Bldg., San Francisco.
ontractor—L. Vanucci, 16th & Church Sts., San Francisco.

ontract Awarded.
PT. BLDG. Cost. $18,800
AN FRANCISCO, S Lake 57 E 27th Avenue.
wo-story and basement frame apartment building.
vner—Frederick S. & Alice Spencer, 795 8th Ave., San Francisco.
ontractor—H. O. Lindeman, 619 27th Ave., San Francisco.

ans Being Prepared.
PARTMENTS Cost, $40,000
AN FRANCISCO. Union St. near Pierce Street.
hree-story and basement frame and stucco apartment house (12 4-room apts.)
vner—Emil Nelson, 77 Allston Way, San Francisco.
rchitect—Baumann & Jose, 251 Kearny St., San Francisco.

May 29, 1924

ontract Awarded.
PT. BLDG. Cost, $61,607.90
AKLAND, Lot 14 Blk 24 Lakeside Tct. Adams Point Property.
hree-story 44-room apt. bldg. and 7 garages.
vner—Chas. S. & Florence G. Lockwood, 438 Perkins St., Oakland.
rchitect—Leonard H. Ford, 306 14th St., Oakland.
ontractor—James L. Rich, 743 Hillgirt Circle, Oakland.

Plans Being Prepared.
APT. HOUSE Cost, $55,000
SAN FRANCISCO, Steiner and Sacramento Streets.
Three-story and basement frame and plaster apt. house (15 apts.)
Owner—G. Mertzeach.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $45,000
SAN FRANCISCO, Southwest cor 14th Ave. and Anza St.
Three-story frame and stucco apartments (12 3-rm. apts.)
Owner—Fred Anderson, 2152 Market St San Francisco.
Architect—Baumann & Jose 251 Kearny St., San Francisco.

Owner Taking Figures.
APT. HOUSE Cost, $20,000
SAN FRANCISCO, West Line 2nd Ave. S of Geary St.
Two-story frame and plaster apartment house.
Owner—B. Rubin, 441 2nd Ave., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Construction Under Way.
APARTMENTS Cost, $100,000
SACRAMENTO, 1201 L.
Six-story reinforced concrete apartment house (5 stores on 1st floor, 32 2-room apts.)
Owner—B. S. Berry, 110 Sutter St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Figured.
APARTMENTS Cost, $25,000
SAN FRANCISCO, Corner 18th and Guerrero.
Three-story and basement frame brick veneer and stucco apartments.
Owner—Mr. Grenet.
Architect — Fabre & Hildebrandt, 110 Sutter St., San Francisco.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. **Fold-up-Dors,** Ti-co-dors, Cobalddors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-slipping flooring. — Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET

Sutter 5907 San Francisco

Plans Being Figured.
APARTMENTS Cost, $20,000
SAN FRANCISCO, 18th St. near Guerrero.
Two-story and basement frame and stucco apartments.
Owner—Mr. Grenet.
Architect—Fabre & Hildebrandt, 110 Sutted St., San Francisco.

Plans Complete.
APARTMENTS Cost, $17,000
SAN FRANCISCO, N Parnassus 100 W Cole.
Three-story and basement frame (5) apartments.
Owner—G. F. Bernard, 106 Pasadena Ave., San Francisco.

Contract Awarded.
APARTMENTS Cost, $10,000
SAN FRANCISCO, S Lake 57½ E 27th Avenue.
Two-story and basement frame (4) apartments.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Contractor—W. R. Lindeman, 619 27th Ave., San Francisco.

Owner To Take Figures.
APARTMENTS Cost, $17,000
SAN FRANCISCO, N Filbert 146-9 W Van Ness.
Three-story and basement frame (12) apartments.
Owner—Ben Liebman, 407 11th Ave., San Francisco.
Architect—Richard R. Irvine, 736 Call Bldg., San Francisco.

Segregated Figures Being Taken.
APT. HOUSE Cost, $45,000
SAN FRANCISCO, N McAllister St., 135 ft. E Divisadero.
Three-story and basement frame apt. house (12 apts. 3-rms. each) with brick veneer and stucco frontage.
Owner—Delinikos & Ezangelou.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Contract Awarded.
APT. BLDG. Cost, $12,000
SAN FRANCISCO, W 14th Ave. 100 N California.
Two-story and basement frame (8) apartment building.
Owner—H. C. Christiansen, 518 25th Ave., San Francisco.
Contractor—Christansen Bros., 518 25th Ave., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $45,000
SAN FRANCISCO. Filbert and Baker Streets.
Three-story and basement frame and stucco apartment house (12 3-room apts.)
Owner—Maas & Sauer.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Bids Wanted.
APARTMENTS Cost, $65,000
SAN FRANCISCO. W Julian Ave. 275 N Sixteenth Street.
Three-story and basement frame (21) apartments.
Owner—F. P. Schuster, % Architect.
Architect—F. S. Holland, 1629 Folsom St., San Francisco.

Bids Wanted.
APARTMENTS Cost, $35,000
SAN FRANCISCO. Taylor St. near Broadway.
Two-story frame apartments (6 3-room apts.)
Owner—Mr. Gohalan.
Architect—Edw. E. Young, 2002 California St., San Francisco.

LOS ANGELES, Cal.—Archt. and Eng Truesdell & Newton, 305 San Fernando Bldg., have completed plans for an addition to a 3-story apt. bldg. at corner of 47th St. and Western Ave., for Mrs. Condit and Mrs. Simmons. Bids will probably be taken soon.

Plans Being Prepared.
APARTMENTS Cost, $20,000
SAN FRANCISCO, Green near Pierce Street.
Two-story and basement frame and concrete community apartments (4 apts) Spanish design, hollow tile walls.
Owner—Commercial Centre Realty Co.
Architect—M. J. Lyon, 916 Kearny St., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $40,000
SAN FRANCISCO. Union Et. near Pierce Street.
Three-story and basement frame and stucco apartments (12 3-rm apts.)
Owner—Emil Nelson, 77 Allston Way, San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $40,000
SAN FRANCISCO. Union Street West of Pierce Street.
Three-story and basement frame and stucco apartments (12 3-rm apts.)
Owner—Emil Nelson, 77 Allston Way, San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, $50,000
SAN FRANCISCO. SW Cor. Steiner and Hayes Streets.
Three-story frame and brick veneer apartment house (12 2 and 3-room apts.)
Owner—J. Feigin.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

LOS ANGELES, Cal. — Archt. F. C. Fritz, 2615 W 7th St., has prepared plans for a class C store and apartment bldg. to be erected at n.w. cor. of Figueroa and Temple Sts. for Ben Mindlin 949 S St. Andrews Pl. Stores in the first story; 44 rooms, 22 apts. above; 3-story and basement, 44x109 ft., brick walls, press. brick facing, plate glass, steel beams, comp. and tile rfg., pine trim, gas rads., wall beds; $46,000.

LOS ANGELES, Los Angeles Co., Cal. —E. T. Heyden, 1096 N. Western Ave., is having plans prepared for a $50,000, 2-story brick business building to be erected on the northwest corner of Western Ave. and Virginia St. for himself. Four stores, 4 offices, 6 apartments and banking room for the Citizens Trust & Savings Bank branch bank.

LOS ANGELES, Los Angeles Co., Cal. —Pacific Southwest Building Co., 712 N. Hobart Blvd., has the contract to erect a 90-room, 30-apartment building on Hobart Blvd. near Melrose Ave. for C. R. Smythe, 4760 Melrose Ave. Dimensions, 40x115 ft., frame and plaster construction, three-story, composition roofing, pine trim, wall beds, water heaters, gas radiators, tiled baths. Cost, $45,000.

LOS ANGELES, Los Angeles Co., Cal. —The Business District Development Co., Merchants National Bank Bldg., has taken a 99-year lease on the site at 1975 Cahuenga Ave. for the erection of an $800,000, 12-story Class A store and apartment building. An apartment house and several bungalows now occupy the site.

LOS ANGELES, Cal. — G. G. Stuart, 5121½ S Park Ave., has the contract to erect a 3-sto. class C apartment bldg on Ocean View Ave. for a local client; it will contain 30 apartments of 2 and 3 rms. each. Brick walls, 50x160 ft., press brick facing, comp. rfg., tile baths and drainbds., wall beds, gas rads., water htrs., pine trim, hardw. fls., etc.

LOS ANGELES, Los Angeles Co., Cal. —Luther T. Mayo, Black Bldg., Los Angeles, has the contract to erect a 4-story, Class C hotel and apartment building at the corner of E. Broadway and Glendale Ave. for the Ambrosini Hotel Co.; C. W. Ingledue, president. It will contain about 50 two-room apartments & 40 hotel rooms, 6 stores, barber shop, cafe, lobby, etc. Brick walls, 4-story and basement, 225x140 feet, composition roofing, steam heating system, elevator, plate glass, cement and hardwood floors, tile baths and drainboards, pine trim, etc. Cost, $410,000. The original plans prepared by Lindley & Selkirk, 800 American Bk. Bldg., Los Angeles, will be revised.

BONDS

SOUTH PASADENA, Los Angeles Co., Cal.—Of the $285,000 school bond issue to be voted June 6, $100,000 will be used for elementary school and $185,000 for high school purposes.

VENTURA, Ventura Co., Cal. — An election will be held June 14, to vote on a $60,000 bond issue for the constr. of a new grammar school in the Chrisman addition and an addition to the May Henning school.

COMPTON, Los Angeles Co., Cal.—A special election will be held shortly to vote on a $45,000 bond issue for additional funds for the proposed city hall. The total cost is estimated at $75,000.

RIPON, San Joaquin Co., Cal.—Ripon Grammar School District fails to vote direct tax for $6500 to finance construction of additions to present school.

PETALUMA, Sonoma Co., Cal.—Election will be held June 21 in Wilson School District to vote bonds of $25,000 to finance erection of new school. Trustees of district are: Ruth George, F. G.llg and J. J. King.

SANTA ROSA ,Sonoma Co., Cal.—Until June 24, bids will be rec. by county supervisors for purchase of $24,000 bond issue of Guerneville School District; proceeds of sale to finance construction of new school building.

WINDSOR, Sonoma Co., Cal.—Windsor Grammar School District votes bonds of $5000 to finance erection of new school.

VISALIA, Tulare Co., Cal.—Election will be held June 30 in Lindcove School District to vote bonds of $5500 to finance school improvements. Trustees of district are: Chas. Howison; J. G. Edwards and Guy Dunscomb.

LOS ANGELES, Cal.—Incomplete returns show $34,640,000 school bond election carried; proceeds of sale to finance erection of new schools and additions to standing structures.

CHURCHES

Bids Being Taken for Setting of Exterior Terra Cotta.
CHURCH. Cost, $390,000
SAN FRANCISCO, SE Bush & Steiner Streets.
Class A church.
Owner—St. Dominics Priory of S. F., 2390 Bush St., San Francisco.
Architect—Beezer Bros., 1915 Steiner St., San Francisco.

FACTORIES AND WAREHOUSES

LOS ANGELES, Los Angeles Co., Cal. —Fletcher-Ford Co., 1300 E-1st St., have had plans prepared for a two-story printing building to be erected on Grand Ave. for themselves. It will be two-story, brick construction, stucco and half-timber exterior, 150x 150 ft. Cast stone trim.

LOS ANGELES — Oliver G. Bowen, 601 Van Nuys Bldg., is completing revised engineering drawings for the class A warehouse to be erected at 6th and Mill Sts. for the Western Improvement Co. It will be occupied by the California Truck Co. Dimensions, 110x 375 ft., 6 story & basement, reinforced concrete construction, steel sash, steel rolling doors, elevators, sprinkling system; $600,000.

BEVERLY HILLS, Los Angeles Co., Cal.—Leslie F. Allers, L. A., Henry A. Mortson, Harrison Lewis, R. T. Donaldson, James A. Downing of Palms and Kenyon F. Lee of Los Angeles, have organized the Beverly Hills Laundry Co., Inc., at $150,000. A building to cost $125,000 is contemplated.

SANTA CRUZ, Santa Cruz Co., Cal.—Vogenson Construction Co., Petaluma, awarded contract to erect pre-cooling plant for Santa Cruz Station of Poultry Producere of Central California. Construction will be under supervvision of John Coul.

SANTA ROSA, Sonoma Co., Cal.—Petaluma and Santa Rosa R. R. Co., has purchased 3-acre site in Roseland District and will erect a warehouse and apple packing shed.

EUREKA, Humboldt Co., Cal.—Humboldt Lumber & Building Co., 233 G St., Eureka, plans early construction of saw mill and dry kilns on Lawrence creek. Mill will have capacity of 50,000 ft. per day. D. H. McFarlan of Eureka is vice-president and manager of the company.

AVON, Contra Costa Co., Cal.—Villadsen Bros., Monadnock Bldg., San Francisco, at approx. $75,000 awarded contract by Associated Oil Co. to erect two reinforced concrete factory buildings at Avon plant.

OAKLAND, Cal. — As previously reported, Knapp Metal Barrell Co, Balboa Bldg., San Francisco, will erect plant on Lot No. 4, Parr Terminal, Oakland; est. cost $100,000. It is proposed to erect a two-story all steel building, 40 by 140 ft., containing 5600 sq. ft. floor space, on first floor and 5400 on 2nd floor; 2-story office building, 20 by 21 ft., the latter to cost $20,000.

FLATS

Figures To Be Taken Next Week.
FLATS Cost, $14,000
SAN FRANCISCO, Bay near Van Ness Avenue.
Two-story and basement frame flats (2 6-room flats).
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

Plans Complete.
FLATS Cost, $18,000
SAN FRANCISCO, NW Cabrillo & 46th Ave.; N Cabrillo 25 50 W 46th Ave. Three 2-story and basement frame flats (2 flats in each building.
Owner—Thos. Hamill, 6140 Geary St., San Francisco.

Plans Complete.
FLAT BLDG. Cost, $27,260
SAN FRANCISCO, N Vallejo 50 W Mason.
Three-story and basement frame (6) flat building.
Owner—D. Battistessa, 800 Vallejo St., San Francisco.
Architect — Chas. Fantoni, 550 Montgomery St., San Francisco.

Contract Awarded.
FLATS Cost, $14,000
SAN FRANCISCO, W Dolores 141 168 S 30th
Two 2-story and basement frame flats (2 flats in each bldg).
Owner—George Degliantoni, 1760 Dolores St., San Francisco.
Contractor—G. Carraro, 750 Felton St., San Francisco

GARAGES

Segregated Figures to be Taken Shortly.
GARAGE Cost, $70,000
SAN FRANCISCO, Eddy St. near Larkin
Two-story and basement reinforced concrete commercial garage.
Owner—Denke, Bowes & Bell.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.

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SAN JOSE, Santa Clara Co., Cal.—Until July 7, 11 A. M., bids will be rec. by Henry A. Pfister, county clerk, to reconstruct burned portion of brick garage in rear of county jail building. Plans obtainable from clerk.

Plans Being Prepared.
ALTERATIONS Cost, $14,000
SAN FRANCISCO, Pacific and Montgomery.
Alterations to one-story brick garage.
Owner—Commercial Centre Realty Co., 916 Kearny St., San Francisco.
Architect—M. J. Lyon, 916 Kearny St., San Francisco.

Plans Being Prepared.
GARAGE Cost, $24,000
SAN FRANCISCO, Filbert & Columbus.
Two-story concrete garage bldg.
Owner—Commercial Centre Realty Co.
Architect—M. J. Lyon, 916 Kearny St., San Francisco.

GOVERNMENT WORK AND SUPPLIES

Bids Wanted.
COMPASS STATION Cost, $—
POINT SAINT GEORGE, Calif.
Naval radio compass station, consisting of a combined dormitory, compass house and storehouse; guyed masts; gasoline storage tank with pump, concrete walks; gravel road; driven well; windmill; elevated tank, and water and sewerage systems.
Owner—U. S. Government.
For additional Information see "Official Proposals," this issue.

MARE ISLAND, Cal.—According to word received at Vallejo, bids will be asked shortly by the Bureau of Yards and Docks, Navy Department, Washington, D. C., to erect $980,000 psychopathic ward buildings at Mare Island Navy Yard. Segregated estimates of cost on the project follow:

Reinforced concrete, tile and brick, strucco—Administration building, 37x144 ft.	$160,000
2 Ward buildings, 37x222 ft.	400,000
Subsistence building, 37x174 ft.	150,000
Boiler house and equipment, 49x 90 feet	100,000
Psychopathic ward, 31x145 ft.	75,000
Roads, walks and distributing mains	95,000

PORTLAND, Ore. — Blanchard Boat Co., Seattle, Wash., at $34,736 submits low bid to U. S. Engineer Office to const. two 65-ft. Diesel powered tenders. Other bids were: J. C. Johnson, Ft. Blakely, Wn., $48,992; Stevens Bros. Stockton, Cal., $44,993; Mare Island Navy Yard, $48,070; Marine Const. Co., Seattle, $37,000; Chilman Shipyard Co., Hoqulam, $35,800, Geo. W. Kneass, San Francisco, $40,422.

PUGET SOUND, Wash.—Until June 25, under Specification No. 4985, bids will be rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., to furnish and install elevator at Naval Hospital, Puget Sound, Wash. Deposit of $10 req. for plans, obtainable from Bureau.

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149 GOUGH STREET
Phone Park 6092 San Francisco

FORT MASON, Cal—See Official Proposals" this issue for construction of concrete well.

WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, Washington, D. C., for furnishing materials, as follows; date for opening bids as noted at close of each paragraph:

Sched. 2203, for various yards, fire brick, clay and cement, etc., as required during the fiscal year 1925, June 17.

Sched. 2241, various yards, magnesia pipe covering, magnesia block, magnesia cement, asbestos millboard, asbestos paper, asbestos plaster and asbestos felt, June 17.

Sched. 2243, various yards, muriatic nitric and sulphuric acid, June 17.

Sched. 2246, Mare Island, 20 rolls template paper, June 17.

Sched. 2262, various yards, fuel oil as required during the fiscal year 1925.

Sched. 2273, various yards, fuel oil for Diesel engines, Navy standard fuel oil and specials, fuel oil for yard use as required during the fiscal year 1925, June 17.

PEARL HARBOR, T. H.—Bids will be asked shortly by Bureau of Yards and Docks, Navy Department, Washingtn, D. C., under specification No. 4992, for elevated water tank to be erected at Pearl Harbor. Application for plans may be filed at once, deposit of $5 required.

SAN FRANCISCO—Plans being completed by Bureau of Yards and Docks, Navy Department, Washington, D. C., to grade site at supply depot for Marine Corps Building, San Francisco. Work is provided for under Specification No. 4999.

SAN FRANCISCO—Bureau of Yards and Docks, Navy Department, Washington, D. C., completion Specification No. 5000 to construct supply depot building for Marine Corps at San Francisco.

SAN DIEGO, Cal.—Plans are being prepared by the Bureau of Yards and Docks, Navy Department, Washington D. C., for painting buildings at San Diego, under Specification No. 4993.

TIBURON, Marin Co., Cal.—Plans are being completed by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for coaling plant repairs at Tiburon, Calif. Work is provided for under Specification No. 4989. (51286) 7

SAN FRANCISCO — Alfred H. Vogt, 185 Stevenson St., San Francisco, at $9865, time to complete 4 months, awarded contract by Supervising Architect's Office, Treasury Department, Washington, D. C., to construct steerage barracks at Quarantine Station.

SAN FRANCISCO—Turner Co., 272 Natoma St., San Francisco, at $1440 submits low bid to Supervising Architect W. A. Newman, 402 Post Office Bldg., to fur. and install combination hot water heater and storage tank at Marine Hospital, Presidio. Other bids, all referred to Washington, were: Burnham Plumbing Co., $1454; Lawson & Drucker, $1460.

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SAN FRANCISCO, CALIF.

SANTA MONICA, Calif.—Bill providing appropriation of $1,500,000 to finance construction of a "sanitary fireproof" hospital at the National Home for Disabled Soldiers at Santa Monica, is receiving favorable consideration in the House, according to word from Washington.

HALLS AND SOCIETY BUILDINGS

Contract Awarded.
LODGE BLDG. Cost, $49,597
UKIAH, Mendocino Co., Cal. West Perkins Street.
Two-story and basement brick stores and lodge building.
Owner—Ukiah Masonic Temple Ass'n.
Architect—Tuttle & Tuttle, 357 12th St., Oakland.
Contractor—Conrad & Allen, 357 12th St., Oakland.
Complete list of bids follow:

Fred H. Betz, Sacramento	$50,620
West Coast Constr. Co., S. F.	52,122
Proctor & Cleghorn, Santa Rosa	53,300
Geo. F. Allen, Ukiah	54,698
A. M. Hildebrandt, Santa Rosa	56,300
Monson Bros., San Francisco	58,740

Plans Prepared.
CLUB HOUSE Cost, $90,000
NE OF VALLEJO ON NAPA ROAD.
Remodeling club house (main floor to consist of dining room, ball room and lounging quarters; 50 guest rooms will be provided for on second floor.
Owner—Vallejo Golf and Country Club
Architect—Lutgens & McBean, Vallejo.

Plans Being Prepared.
ALTERATIONS Cost, $60,000
SAN FRANCISCO, China Town.
Alterations to brick club bldg.
Owner—Withheld.
Architect — Chas. E. Rogers, Phelan Bldg., San Francisco.

OROVILLE, Butte Co., Cal.—Butte County Supervisors vote to levy direct tax for $185,000 to finance construction of war memorial buildings, quarters for American Legions of Butte County, in Oroville, Gridley and Chico. C. F. Belding is county clerk.

Bids Wanted.
MEMORIAL BLDG. Cost, $18,000
DANVILLE, Contra Costa Co., Cal.
Hollow tile Memorial building.
Owner—Contra Costa County.
Architect — Jas. T. Narbett, 910 Macdonald Ave., Richmond.

Bids Wanted.
MEMORIAL BLDG. Cost, $18,000
WALNUT CREEK, Contra Costa Co.
Hollow tile Memorial building.
Owner—Contra Costa County.
Architect — Jas. T. Narbett, 910 Macdonald Ave., Richmond.

SANTA BARBARA, Santa Barbara Co., Cal.—Labor Temple Assn. of Santa Barbara, has been incorporated for the purpose of erecting a labor temple in this city. The company is capitalized at $100,000. The proposed building will serve the Building Trades Council and the Santa Barbara Labor Council. The directors of the association are John J. Brown, Frank C. Morley, F. H. Messenger, H. E. Whitwood, W. H. Taylor, C. C. Hopkins, H. O. Lewis, P. W. Hansen, L. H. Benedict, W. B. Hill, Robert Rothwell, C. C. Jordan, Max Pointner, George Welsh, Jay Smedley, E. L. Smith, Kat B. Turick and A. K. Clark.

EVERETT, Wash. — Arch. Stephen, Stephen & Brust, Thompson Bldg., Seattle, are preparing working drawings for $100,000 Elks' Lodge Bldg., to be erected in Everett; will be Spanish Mission type, 60 by 100 ft., two-story and basement, masonry construction.

DUNSMUIR, Siskiyou Co., Cal.—Odd Fellows Lodge has purchased property in Florence and plans erection of modern store and lodge hall.

ALTURAS, Modoc Co., Cal.—Odd Fellows Lodge has purchased structure formerly occupied by Alturas State Bank and will remodel the building for lodge quarters.

NEAR AZUZA, Los Angeles Co., Cal. —Architect Chas. F. Plummer, 1108 Story Bldg., has completed sketches for a clubhouse to be erected in Fish Canyon, near Azuza, for the Wildwood Country Club, Emory C. Brace, general manager. The building will be one-story with plaster exterior and tile roof. There will also be swimming pool, tennis courts, etc.

HOLLISTER, San Benito Co., Cal.—San Benito Council No. 1792, Knights of Columbus, has purchased Briggs residence in Fifth street and will remodel the structure for a club house.

LONG BEACH, L. A. Co., Cal.—C. T. McGrew & Sons, 1345 W Ocean Blvd., Long Beach, have completed plans and have started work on the erection of the new $150,000 clubhouse at 3rd St. and Cerritos Ave., Long Beach, for the Long Beach Ebell Club. Found. 140x140 ft., brick walls, stucco exter., art stone trim, tile rf., auditorium 62x90 ft., stage, lobby, dining rm., reception rms. kitchen, gallery, clubrms.; tile and hardwd. fls., gas-steam heating.

LOS ANGELES, Cal.—Archts. John C. Austin, 1125 Detwiler Bldg., A. M. Edelman, assoc., G. Albert Landsburgh, consulting archt., are completing plans for the auditorium to be erected at Jefferson and Royal Sts. for Al Malaikah Temple, A. A. O. N. M. S. The main auditorium with balcony will seat 7000 people. There will be a 1-story, basement and mezzanine section to contain banquet hall and accessories. Dimensions, 588x302 ft., reinf. conc. constr. with steel roof and balcony trusses, press. brick, terra cotta, marble and tile work, steam htg.; $1,500,000. Bids for auditorium section and banquet hall will be taken separately. Plans will be submitted to contractors for figures shortly, bids to be received on Aug. 6.

PORTLAND, Ore.—Archs. Sutton & Whitney, Lewis Bldg., commissioned to prepare plans for proposed $750,000 Masonic Temple to be erected in block bounded by Main, Madison, West Park and Tenth Sts.

SAN PEDRO, Los Angeles Co., Cal.—Young Men's Christian Association, has purchased a site, bounded by 9th St. 10th St., Beacon and Palos Verdes Sts., San Pedro, and contemplate erecting a $750,000 Y. M. C. A. building. If the campaign to be started June 28nd to raise funds is successful the building will be started at once. No archi-

HOSPITALS

Sketches To Be Prepared.
HOSPITAL Cost, $300,000
OAKLAND.
Hospital to accommodate 130 patients.
Owner—Peralta Hospital Assn.
Architect—C. W. Dickie, Actico Bldg., Oakland.

SANTA MONICA, Cal.—See "Government Work and Supplies," this issue. $1,500,000 hospital appropriation.

WASHINGTON, D. C. — Following bids received by Bureau of Yards and Docks, Navy Department, June 4th for constructing hospital at the naval operating base, San Diego, under Specification No. 4965:
R. C. Campbell, Long Beach Item (1) $257,879, (8) $445,900.

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J. C. Bannister, Los Angeles, (1) $344,000.
Lang & Bergstrom, (1) $354,008, (4) $54,000.
W. E. Kier, San Diego, (1) $354,000, (8) $443,400.
Campbell Building Co., Salt Lake, (1) $373,182, (8) $457,044.
Robert McKee, San Diego, (1) $460,100, (8) $422,400.
James Brennan, El Paso, (3) $41,930, (4) $40,827.
Thomas Haverty, Los Angeles, (4) $52,648.
Latourrette-Fical Co., Sacramento, (6) $86,800.
(50927) 1st report May 13, 1924.

LOS ANGELES COUNTY, Cal.—Until 2 P. M., June 23, bids will be received by the Board of Supervisors for erecting Psychopathic building No. 3 at the county farm. Bids will be taken separately on the general work, plumbing and heating, and electric wiring. The building will be one-story, 253x154 extreme dimensions, brick construction, shingle roofing.

UPLAND, San Bernardino Co., Cal.—Campaign for the $100,000 fund for the new San Antonio Community hospital is under way. Earl W. Paul is campaign chairman.

LA CANYADA, Los Angeles Co., Cal. —Architect, and Engineer Truesdell & Newton, 305 San Fernando Bldg., are preparing plans for a sanitarium to be erected at La Canyada for the La Canyada Chiropractic Sanitarium, 215 Western Mutual Life Bldg., C. A. De Coo, president. There will be a main hospital building with 50 one-unit wards and four 8-unit wards, diet kitchen and laundry in the basement, administration building, with offices, reception room and treatment rooms. There will also be an attendants' home to accommodate 30 people. Brick construction, plaster exterior, structural steel, tile roofing, hardwood and pine floors and trim.

LOS ANGELES, Los Angeles Co., Cal. —The county supervisors have been asked to divide the $4,000,000 proposed for improvements to the General Hospital on Mission Road into four appropriations for buildings at points in San Gabriel valley, San Fernando valley, north part of the harbor district and east of Ocean Park. Each of the proposed buildings would cost $1,000,000.

HOTELS

Plans Being Prepared.
HOTEL Cost, $125,000
YREKA, Siskiyou Co., Cal.
Three-story Spanish Mission design stone-tone stucco finish hotel, 52 by 150 ft.
Owner—L. L. and W. J. Weaver, Albany Oregon.
Architect — Tourtellotte and Hummel, Failing Bldg., Portland, Ore.
Construction will be carried on under the supervision of Mr. L. L. Weaver.

ASHLAND, Ore.—Archts Tourtellotte and Hummel, Failing Bldg., Portland, Ore., preparing plans for $250,000 hotel to be erected for group of Ashland businessmen at E-Main and First Sts.; will be 80 by 122 ft., perpendicular gothic design; reinforced concrete; 9 stories in height.

LOS ANGELES, Los Angeles Co., Cal. —Louise Chass, 3989 Loma Drive, has had plans prepared and will erect a 4-story Class C hotel at the northwest corner of Acacia St. and Columbia Ave. for herself. It will contain 100 rooms; dimensions, 45x135 ft., brick walls, stucco exterior, cast stone trim, composition roofing, pine trim, tiled baths, elevator, steam heating. Cost, $30,000.

LOS ANGELES, Cal.—G. G. Stuart, 512½ S Park Ave., has the contract to erect a 4-story class A hotel bldg. on E 7th St. for a local client; it will contain 115 rooms with about 10 per cent baths, and 2 stores and large lobby. Reinforced conc. constr., press. brick facing, 50x150 ft., comp. rfg., cement and pine fls., plate glass, part basement gas rads., water storage water htr.; pine trim; $120,000.

LOS ANGELES, Los Angeles Co., Cal. —Chas. W. Krels & Son, 1410 Sunset Blvd., have completed plans for a Class C hotel and store building to be erected at the northwest corner of Sunset Blvd. and Sutherland St. for M. Kirsh and H. Bortenstein. Three-story 106x124 ft., 8 stores, 78 hotel rooms; brick walls, pressed brick facing, plate glass windows, structural steel, composition roofing, pine trim, gas heating. Cost, $90,000.

LOS ANGELES, Los Angeles Co., Cal. —L. D. Carter, 992 S. Serrano Ave., has prepared plans for a Class C hotel building to be erected on Gladys Ave., between 5th and 6th Sts. for C. R. Smith and E. G. Wenzlaff, 517 Gladys Ave. Three-story, 29x100 ft. 49 rooms; brick walls, pressed brick facing, composition roofing, pine trim, gas heating, baths. Cost, $35,000.

POWER PLANTS

Plans Being Prepared.
POWER HOUSE Cost, $14,000
STOCKTON.
One-story brick and steel addition to city power house (asbestos corrugated roof).
Owner—City of Stockton.
Architect—Ralph Morrell, 41 S Sutter St., Stockton.

MARYSVILLE, Yuba Co., Cal.—Eng. Dept. of Western Pacific R.R. preparing plans to electrify freight yards and other portions of its system in Marysville; est. cost, $60,000. T. E. Coyle is supt. of Western Division.

LOS ANGELES, Cal.—Until 10 a. m., July 21, bids will be rec. by Bd. Pub. Wks. to fur. lead covered cable under spec. on file at the office of the city electrician, 205 n city hall annex.

FRESNO, Fresno Co., Cal.—Petitions are being circulated for presentation to city council seeking construction of fire house at Trinity and Sacramento Sts.

TUCSON, Ariz.—The First Securities Co. of Los Angeles and the Anglo, London & Paris Co. of San Francisco, have purchased bonds amounting to $344,000, of the Electrical District No. 2 (Final county). The proceeds will be used for electric transmission lines, a transformer station, and other works necessary for supplying power for irrigation, for the city of Florence, Casa Grande, and the Arizona State Penitentiary, all within the district.

LONG BEACH ,L. A. Co., Cal.—Stone & Webster, Inc., Byrne Bldg., L. A., have completed plans and have the contract to erect a $1,250,000 power plant unit at the steam-power plant of the Southern California Edison Co., Terminal Island, Long Beach. Pile found., 270x270 ft., steel and conc. walls and inter. constr., conc. slab roof.

CALIFORNIA — California - Oregon Power Co., and Pacific Gas & Electric Co., 445 Sutter St., San Francisco, authorized by State Railroad Commission to enter into agreement whereby California-Oregon Power Co. will build a plant near the Oregon line and sell the power therefrom to the P. G. & E. Co.

MERCED, Cal.—See "Reservoirs and Dams," this issue. Bids opened. Merced Irrigation District.

ABERDEEN, Wash. — Sanderson & Porter, Nevada Bank Bldg., San Francisco, have been engaged to supervise construction of a $500,000 power plant for the Grays Harbor Railway & Light Co. of Aberdeen. The plant will be located between Aberdeen and Hoquiam, near the present steam plant; will be turbo-generator unit of 5,000 kilowatts or approx. 8,000 h. p. Construction will be done by day labor under the supervision of Sanderson & Porter.

PUBLIC BUILDINGS

LOS ANGELES, Cal. — The Allied Architects Assn., 424 S Spring St., is completing plans for the veterans' memorial bldg. to be erected on Figueroa St., bet. 18th and Washington Sts., for the County of Los Angeles for use of patriotic organizations of the county. It will be a class A structure and will contain clubrooms, dining rooms, with an auditorium to seat 1200 people on the fifth floor; steel frame constr., brick walls, reinf. conc. fls., pressed brick and terra cotta facing, elevators, steam htg.; $500,000.

SALINAS, Monterey Co., Cal.—M. G. West Co., San Francisco, at $2736 awarded cont. by supervisors to fur. and install Diebold fireproof safe in county treasurer's office, county being allowed $800 for old safe.

LOS ANGELES, Cal. — Howe Bros., 1198 San Pedro St., submitted low bid to county supervisors June 2 at $56,-630 for heating for Hall of Justice, N Broadway, Temple and Buena Vista Sts. Other bids were: L. Z. Brown, $56,-994; Munger & Munger, $58,312; Wm. MacArthur, $59,556.25; Lohman Bros., $62,252; Hickman Bros., $64,214; J. Hokom & Co., $64,830; Coker & Taylor $65,550; Emerson & Keeler, $65,987; Thos. Hoverty Co., $66,750; J. M. Fickling, $75,727.

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RESIDENCES

Contract Awarded.
RESIDENCE Cost, $10,000
BERKELEY, Alameda Co., Cal. No. 1152 Spruce Street.
Residence.
Owner — W. Marstin, 1500 Arch St., Berkeley.
Architect—None.
Contractor — H. Elmer Johnson, San Leandro.

Plans Completed.
DWELLINGS Cost, $12,000
SAN FRANCISCO, E Thirty-fifth Ave 24, 45 and 70 N Cabrillo St.
Three two-story and basement frame dwellings.
Owner—S. F. Johnson, 5750 Fulton St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.

Plans Complete.
DWELLINGS Cost, $12,000
SAN FRANCISCO, E 21st Ave. 125 150 175 S Cabrillo.
Three 2-story and basement frame dwellings.
Owner—Helms & Helms, 7915 Geary St San Francisco.

Contract Awarded.
RESIDENCE Cost, $10,000
VALLEJO, 1100 Sacramento St.
General remodeling of 2-story 12-room frame residence (work will include installation of new heating and lighting systems).
Owner—Mrs. McGinini.
Architect—Lutgens & McBain, Vallejo.
Contractor—Geo. F. Barenthi.

Plans Complete.
RESIDENCES Cost, $18,000
SAN FRANCISCO, W 38th Ave. 177-3 303 N Cabrillo.
Two 1-story and basement frame residences.
Owner—Dr. F. A. Gawthorne, 651 18th Ave., San Francisco.

Contract Awarded.
ADDITION Cost, $17,360
BURLINGAME, San Mateo Co., Cal., Burlingame Country Club.
An additional one-story frame and stucco bldg. containing sleeping quarters equipped with baths and garage space in basement.
Owner—Burlingame Country Club.
Architect—Thomas J. Kent, care Lewis P. Hobart, Crocker Bldg., S. F.
Contractor — Coast Construction Co., Crocker Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, $22,000
BERKELEY, Alameda Co., Cal. No. 2579 Buena Vista Way.
Residence.
Owner — C. G. Hyde, 1126 Glenn St., Berkeley.
Architect—Edwin Mead, 2618 Etna St., Berkeley.
Contractor—H. H. Porter, 833 Oxford St., Berkeley.

Plans Complete.
DWELLINGS Cost, $12,000
SAN FRANCISCO, S Lincoln Way 90 120 W 30th Ave.
Two 2-story & basement frame dwlgs.
Owner—F. Nelson & Sons, 2 West Portal Park, San Francisco.

Plans Complete.
DWELLINGS Cost, $27,000
SAN FRANCISCO, E 20th Ave. 115-9 143-10 168-10 193-10 218-10 243-10 268-10 293-10 & 368-10 N Rivera.
Nine 1-story and basement frame dwellings.
Owner—Schwartz & George, 2040 16th Ave., San Francisco.
Architect — Mel I. Schwartz, Nevada Bank Bldg., San Francisco.

LOS ANGELES, Cal. — Royce H. Hearth, 457 S Western Ave., has the contract to erect a residence at n.e. cor. of Hudson Ave. and 6th St. for Mortimer R. Proctor, 427 S Kenmore Ave. Webber, Staunton & Spalding, 1017 Hibernian Bldg., archts. Two-story 110x79 ft., 18 rms; frame construction, hollow tile veneer, stucco exter., clay tile and comp rfg., pine and hardwd. trim and fls., tiled baths, unit gas htg., water htr.; $55,000.

LANKERSHIM, Los Angeles Co., Cal. —Carter de Haven has purchased the Hiatt ranch on West Central Ave. where he plans to erect a large residence, including a theatre, billiard hall, sunken garden, lake, aeroplane landing, servants' quarters, etc. Estimated cost of buildings, including remodeling of present house, $30,000.

SEATTLE, Wash. — Architect Chas. H. Alden, Seattle, Wash., Truesdell & Newton, 305 San Fernando Bldg., associate, have completed plans and are taking bids for a two-story residence, to be erected at 2098 N. Serrano Ave., for Dr. Elliot Alden. Two-story, frame construction, plaster exterior, shake roofing, gas unit heating, tile baths, hardwood floors, hardwood trim. Cost, $50,000.

SACRAMENTO, Cal.—Until June 9, 10 A. M., bids will be rec. by Harry W. Hall, county clerk, to erect one-story frame internes residence at county hospital grounds. R. A. Herold, architect, Forum Bldg., Sacramento. Cert. check 10% payable to Chairman of Board of Supervisors req. with each bid. Plans obtainable from architect.

MONTECITO, Los Angeles Co., Cal.—Architect Carleton M. Winslow, 921 Van Nuys Bldg., is preparing preliminary plans for a 20-room Italian residence to be erected at Montecito for W. P. Nelson. It will be a masonry constr., 2-story and basement, gas heating system, tile roofing, plaster exterior, 5 tiled baths, etc.

Contract Awarded.
ALTERATIONS Cost, $10,000
ALAMEDA, 1804 Central Ave.
Alterations and additions to residence.
Owner—J. Hobrecker, Jr.
Designer—Edwin T. Symmes, 1st Natl. Bank Bldg., San Francisco.
Contractor—S. Gianone.

SCHOOLS

Contract Awarded.
SCHOOL Cost, $——
HANFORD, Kings Co., Cal.
Two-story reinforced concrete school.
Owner—Hanford Grammar School Dist.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

General Contract

Alternate 1 omit 2 classrooms.
P. T. Wallstrum, Turrock, $89,960 (1)) deduct $7,000.
Plumbing to Edwin Magnuson at $4975.

Figures Being Taken — Bids To Be Opened June 11 at 2 P. M.
ADDITION Cost, $11,000
NEAR STOCKTON, San Joaquin Co.
Two-room frame addition to school.
Owner—Montezuma School District.
Architect—Rolph P. Morrell.

Contract Awarded.
ADDITIONS Cost, $27,000
SONOMA, Sonoma Co., Cal.
Four additional frame classrooms to Sonoma Grammar School.
Owner—Sonoma Grammar School Dist.
Architect—Lutgens & McBain, Vallejo.
Contractor—C. C. Bean, Sonoma.

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and
Random Variegated Colors Tile Roofing
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Samples Submitted
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Res. 4201 Mission St.
Phone Randolph 6982

RODEO, Contra Costa Co., Cal.—Following bids were opened May 29th, by A. A. Smith, clerk of the Board of Trustees of the Rodeo School District for the erection of a two-story brick addition to the present grammar school building at Rodeo, Contra Costa County, Calif:

Slate & Wyman $22,487
(1) $2350, (2) $580.
Carl K. Jones 26,302
(1) $2090, (2) $975.
Grant L. Miner, Richmond..... 28,238
(1) $1997, (2) $640
Murch-Williams Const. Co., Oakland 28,486
(1) $2222, (2) $1677.
W. Snelgrove, Richmond..... 28,717
(1) $2017, (2) $667.
Trobeck & Cress, S. F..... 28,843
(1) $1872, (2) $1120.
Karl S. Koller, Crockett..... 29,980
(1) $1680, (2) $840.
All bids rejected.

SAN BERNARDINO, San Bernardino Co., Cal.—Architect Howard E. Jones, 445 4th St., San Bernardino, is rushing plans for the new Highland branch junior high school building, estimated to cost $45,000. It will contain auditorium seating 330, 6 classrooms and offices, domestic science room, lockers, etc. Frame and metal lath construction, Mission style with stucco exterior, tile roof. The board of education hopes to call for bids within a few days.

LOS ANGELES, Los Angeles Co., Cal. —Architects Hudson & Munsell, Douglas Bldg., are preparing plans for a three-story 18-unit school building to be erected at the 79th St. school site. It will be brick construction and is to cost, $115,000.

SUTTER CREEK, Amador Co., Cal.—Sutter Creek High School District has had plans prepared for a machine shop, auditorium and gymnasium building. It is proposed to have the structures completed by Sept. 1.

MYRTLE POINT, Ore.—Until June 9, bids will be rec. by A. G. Thompson, clerk, Union High School District No. 2, Coos County, to erect concrete and frame, 6-classroom school, gymnasium, etc. Will be two-story and basement. Segregated bids are wanted for (1) general construction, including masonry, carpentry, steel and iron, roofing and sheet metal, painting, glass, etc.; (2) plumbing; (3) heating; (4) electric work. Plans obtainable from Architect Arnold C. Jenkins, Albany, Ore.

MADERA, Madera Co., Cal.—Until June 19, 2:30 P. M., bids will be rec. by H. C. Austin, clerk, Madera City School District, to erect Science and Arts building and restore west wing of Lincoln Grammar school, recently destroyed by fire. Ernest J. Kump Co., architects, Rowell Bldg., Fresno. Cert. check 10% payable to clerk req. Plans obtainable from architect.

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LOS ANGELES

SANTA ROSA, Sonoma Co., Cal. — Following bids were opened June 2nd, at the High School Annex building by Sarah N. Hatch, Clerk of the Board of Education of Santa Rosa, for the installation and completion of work in connection with the ne whigh school building being erected according to plans by Architect W. H. Weeks of 369 Pine Street, San Francisco:

Stage Equipment

		Curtain Equip.
Stewart School Sup. Co....	$590	$1160
O'Connor Furniture Co...	821	1327
J. D. Martin Scenic Co....	550	1410
Swelye Falowe Co.....	664	1228
Western Scenic Studio Co.	732	1193
J. L. Stuart Mfg. Co....	1258	2566

Electrical Fixtures

Spencer Electric Co.....$2500
Roberts Mfg. Co. 3099
(1) ded. $137.50, (2) ded. $227.30.
H. E. Newbery Elec. Co..... 1554
H. W. Jacobs 3764
Bird Rymer Co. 2877
(1) $475..25.
Thomas Day Co. 3100
Chas. E. Parcells 3897
Boyd Elec. Fix. Co. (1) $3825, (2) 3325

Program Clocks

International Time Recording Co.
(a) $1469.59, (b) $1312.59
Pac. Elec. Clock Co.....$1585
Standard Electric Time Co..... 2150

Cafeteria Equipment

Fred F. Campbell Co. (1).....$3957.42
deduct: (2) $181.10, (3) $295 (4) $538.34; (5) $189.34; (6) $343.40; (7) $261.75; (8a) $120; (8b) $187.50.
Nathan-Dohrmann (1) 3489.00
(2) $3341; (3) $3214; (4) $3035; (5) $3246; (6) $3160; (7) $3011; (8) $3280.
Mangrum & Otter (1) 3292.00
deduct: (2) $127.90; (3) $283.80; (4) $500.70; (5) $198.55; (6) $218.50; (7) $285 (8) $142.

Special Furniture & Fixtures

Fink & Schindler (1).....$39,000
Braas & Kuhn (1) 45,699
(2) $520; (3) $1600; (4a) $23,-299; (4b) $21,179; (5) $22,-400; (6) $5041.
Mullen Mfg. Co. (1) $45,875
(2) $590; (3) $1627; (4) $27,-020; (5) $18,980; (6) $4530.
C. F. Weber (5) 20,000

Steel Lockers

Waterhouse Wilcox Co.....$1775.00
C. F. Weber & Co..... 1898.00
Geo. H. Trask 1975.76
Fred Medart Mfg. Co. 2053.64
Lyon Metallic Mfg. Co..... 2132.00
Safe Cabinet Co. 3166.66

McARTHUR, Shasta Co., Cal.—Attention is called to the fact that the trustees of the Fall River Joint Union High School District have extended the date to open bids for gymnasium building from June 10th to June 17th. Ralph Taylor, architect, Susanville, Calif.

SAN FRANCISCO — Until June 18, 3 p .m., bids will be rec. by Board of Public Works to construct shooting gallery in Galileo High School. Est. cost $5000. Plans obtainable from Bureau of Architecture, 2nd floor, city hall.

Plans Being Prepared.
SCHOOL Cost, $12,000
NEAR SACRAMENTO Sacramento Co.
Two-room addition to frame school.
Owner—Sierra School Dist.
Architect — Woollett & Lamb, Mull Bldg., Sacramento.

A. E. Leitch J. G. Leitch
LEITCH ROOFING CO.
Successors to Clark & Leitch
Office and Warehouse.
1116 SECOND ST., SACRAMENTO
Phones Main 726—6223

WHEATLAND, Yuba Co., Cal.—Following contracts awarded in connection with the construction of a one-story hollow tile high school with cement plaster exterior and tile roof to contain 4 rooms and auditorium at Wheatland:

Carpentry and masonry to Harry W. Robertson at $23,250.

Plastering to W. B. Scollan at $5700.

Painting to Conrad Schneider at $1746.

Sheet metal work to Latourrette-Fical Co. at $1140.

Roofing to Gladding, McBean & Co., at at $2268.

Electrical work to Latourrette-Fical Co. at $6228.

Plumbing to Booth & Herboth $3369. (47741) 1st report Aug. 27, 1923; 4th May 26, 1924.

COMPTON, L. A. Co., Cal. — J. D. Sherer & Son, Long Beach, were low bidders at $68,320 on the general contract for erecting a 6-room school on Tamarind St. site and 12-room bldg. on Orange St. site at Compton; Frank Goodwin, Compton, archt. The bldgs. will be of brick construction. The bids were: General contract—J. D. Sherer & Son, $26,520 on Tamarind school $41,800 on Orange St. school, $68,320 on both schools; J. C. Bannister, $33,260 $45,000, $78000; McFadden & Winkelman, $30,500, $44,500, $75,000; Willard-Brent Co. $31,784, $43,841 $75,000; Pozzo Construction Co., $54,000, $83,000, $137,-000; Walter Slater Co., $35,500, $49,900, $85,400; John I. Kane & Co., $29,843, $42,485, $69,889; W. M. Bell, $27,711, $47,997, $75,708; Wm. G. Reed, $34,770, $45,700, $79,470; J. F. Kobler, $31,705, $42,223, $73,728; J. B. Dawson, $31,940, $45,500, $77,440; John Simpson & Co. $37,900, $53,700, $91,600; Hodge & McMeekin, $30,368, $42,025, $72,393; Lawrence Burck Constr. Co., $32,284, $44,-998, $77,282; Witt & Chute, $28,420, $42,-694, $70,000; Van Crum & Dawson, $47,400 on Orange St.; Bonas Bros., $47,900 on Orange St.; P. A. Belanger, $31,482 on Tamarind St. Plumbing—J. H. Stockton & Co., Wilmington, $6770 for both bldgs.; Ora King, $3657, $3211, $6783; A. J. Bendler, $3621, $3645, $7200; W. D. Scoville, $3596, $3358; Compton Plumbing Co. $4675, $3810, $8485; Economy Plg. & Htg. Co., $4450, $4098, $8,-398.60. Heating—Pasadena Gas Appliance Co., $592 on Tamarind School and $1453 on Orange St.; Pemberton Htg. & Vent. Co., $1190 and $3570; Western Engineering & Constr. Co., $1735 and $2398; Potter Radiator Corp., $785 and $1305 on gas htg. and $794 and $1313 on gas steam htg.; Williams Radiator Co., $1197 and $2330, and an alternate bid of $997 and $1997; Pacific Gas Radiator Co., $672, $752, and $927 on Tamarind St. and $1466, $1522 and $1999 on Orange St.

SAN FRANCISCO—Board of Education recommends to supervisors purchase of site on Exposition Grounds on which the former proposes to erect a junior high school; will contain about 40 classrooms and accommodate 1500 students.

OAKLAND, Cal.—Until June 9, 4 P. M., bids will be rec. by John W. Edgemond, Sect'y., Oakland School District, to fur. athletic supplies under materials required for school year commencing July 1, 1924, and ending June 30, 1925. Further information obtainable from Sect'y., Rm. 1104 City Hall.

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CONTRA COSTA COUNTY, Cal.—Following bids were opened June 2nd by Clerk of the Board of Trustees of Orinda Park School District for the construction of a one-story cement block school building at Orinda Park according to plans and specifications by Architect James T. Narbett of Richmond:

Albany Bldg. & Investment Co., Albany	$19,590
Bengston-Swenson, Modesto	20,054
L. V. Perry, Concord	20,750
Hansen, Robertson & Zumwalt, Oakland	23,000
W. Snelgrove, Richmond	23,617
Barr & Son, Oakland	23,986
Miner Co., Richmond	23,970
F. W. Maurice, Oakland	24,463
S. G. Johnson, Oakland	24,806
Murch-Williams, Oakland	24,940
Trobock & Cress, Oakland	26,000

Due to a technical error on the part of the low bidder, the School Board has not definitely decided who will be awarded the contract.

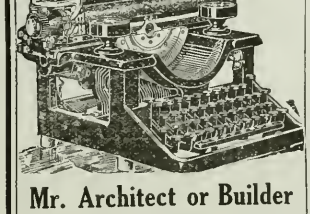
FRESNO, Fresno Co., Cal. — Until June 18, 10 a. m., bids will be rec. by M. Petersen, clerk, Oleander School District, to reshingle roof of grammar school. Further information obtainable from clerk.

PITTSBURG, Contra Costa Co., Cal.—Until June 16, 1:15 P. M., bids will be rec. by Armand Stow, clerk, to fur. and install school desks in 4 classrooms. Specifications obtainable from Principal at Grammar school.

WHITTIER, L. A. Co., Cal.—Until 5 p. m., June 12, bids will be received by the board of trustees of the Mill School District, for a grammar school bldg., to be erected at the Mill district school site, near Whittier. Bids will be received separately for (1) general contract, (2) plumbing, (3) heating. J. A. Larraide, 1400 Stock Exchange Bldg., archt. Brick walls, 1-story, tile rfg., pine fls., gas steam rads., pine trim, bonds to the amount of $42,000 have been voted.

ALHAMBRA, L. A. Co., Cal.—Until 8 p. m., June 12, bids will be received by board of education of Alhambra city school district for erecting an addition to the Ramona school and for erecting a garage and storehouse bldg. for the school department. Allison & Allison, 1405 Hibernian Bldg., archts. Bids will be taken separately on the general contract, plumbing and heating. The Ramona school addition will be frame and plaster, $30,000; the garage and storage bldg. will be brick construction, $25,000.

LONG BEACH, L. A. Co., Cal.—Parker O. Wright and Francis H. Gentry, archt. and engr., 316 Marine Bank Bldg. Long Beach, have completed plans for an additional 10-rm. unit and the remodeling of the present bldgs. at the Burnett school, Hill St. and Atlantic Ave., Long Beach. The present bldgs. will be rearranged inside, exter. plastered, steel truss in auditorium, brick arcades. The new unit will be brick constr.,comp. rf., stucco exter., art stone and terra cotta trim, conc. stairs and corridor fls., steam heating. Cost, $100,000.



Mr. Architect or Builder

If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

LONG BEACH, L. A. Co., Cal—Parker O. Wright and Francis H. Gentry, 316 Marine Bank Bldg., Long Beach, archt. and eng., are preparing working drawings for the new Francis E. Willard platoon school to be erected at betw. 10th, 11th, Freeman and Orizaba Aves., Long Beach. Two-story, 42 rms., including classrms., assembly room with stage at each end, lunch room, kindergarten rms., physical education room, boiler room. T-shape found., 120x250 ft, brick walls, stucco exter., tile and comp rf., art stone and terra cotta trim, conc. corridors and stairs, hardwood classrm. fls., steam heating. Cost, $300,000.

SAN BERNARDINO, San Bernardino Co., Cal.—Until 4 p. m., June 12, bids will be rec. by the Board of Education of the San Bernardino high school dist. for furnishing all labor and material for erecting a 1-story frame junior high school bldg. on Pacific Ave. near Central in Highland. Proposals will be rec. as follows: (1) For the construction of the junior high school bldg. complete, with alternates, except heating, plbg., elec. work and painting; (2) heating with alternates (3) plumbing with alternates; (4) electric work with alternates; (5) painting with alternates. Plans and spec. prepared by Howard E. Jones, archt. and John P. McNeill, associate, 455-59 Fourth St., San Bernardino, from whom copies may be obtained. Cert. check or bond 5%. C. R. Holbrook, secy. Est. cost, $45,000. It will contain auditorium seating 330, 6 class rooms and offices, domestic science room, lockers, etc. Frame and metal lath constr., Mission style with stucco exter. and tile roof.

EUGENE, Ore.—Until June 9, 7:30 P. M., bids will be rec. by School Directors to erect 12-room, 61 by 267 ft., two-story reinforced concrete school. Separate bids, same date, to erect 24-room, 168 by 170 ft. two-story reinforced concrete school. Plans obtainable from F. Manson White, architect, Sherlock Bldg., Portland.

MONTEREY, Monterey Co., Cal.—Until June 14, 7:30 P. M., bids will be rec. by A. G. Winston, Clerk, Monterey School District, to erect two temporary school rooms. Marshall A. Dean, architect, 825 Pine Ave., Pacific Grove. Cert. check 5% payable to clerk req. Plans obtainable from architect.

LOS BANOS, Merced Co., Cal.—E. H. Millencamp, 723 Princeton Ave., Fresno, at $13,490 awarded cont. by West Side Union High School District to erect manual art building, including works. Will be hollow tile construction. Henry F. Starbuck, architect, 2550 Merced St., Fresno. Complete list of bids follows:

Finlayson Constr. Co., Los Banos:

Brick	$16,987
Tile	16,625
Oak floor	17,025

Miller, Kasson & Smith, Fresno:

Brick	$15,650
Tile	15,000
Oak floor	15,100

E. H. Millencamp, Fresno:

Brick	$13,990
Tile	13,490
Oak floor	13,690

F. H. Riedle, Los Banos:

Brick	$14,460
Tile	13,960
Oak floor	14,335

E. K. Angle, Dos Palos:

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DIRECT FACTORY BUYERS

SAN RAFAEL, Marin Co., Cal.—The following bids were opened June 4th, at 8 o'clock p. m. by the Board of Education of San Rafael for the construction of a one-story relinforced concrete high school building to contain 25 class rooms and auditorium, according to plans and specifications by Architects Shea & Shea, Chronicle Bldg., San Francisco:

General Contract

Barenchi — Paganni, 327 Georgia St., Vallejo, (a) $186,513 ,(b) deduct $5155, (c) deduct $4513, (d) add $6500, (e) add $1300, (f) $6000.
Cochrane-Boehm Co., (a) $209,600, (b) $202,300, (c) $201,600, (d) add $12,-000, (e) add $2000, (f) deduct $200.
Mahony Bros., (a) $212,444, (b) $208,190 (c) $205,400, (d) $215,000, (e) $213,-200, (f) $217,444.
R. W. Littlefield (a) $199,557, (b) $193,-760, (c) $193,840, (d) add $7000, (e) add $1300, (f) deduct $9200.
Frank H. Allen (a) $202,000, (b) deduct $5649, (c) deduct $7203, (d) —, (e) —, (f) add $4100.
Beck & Kohn, (a) $216,069, (b) deduct $4685, (c) deduct $7201, (d) add $11,415, (e) add $1254, (f) deduct $8550.
Cobby & Owsley, (a) $202,400, (b) deduce $5600, (c) deduct $8000, (d) add $1100, (f) add $2000.
West Coast Construction Co., (a) $211,-522, (b) $206,215, (c) $206,122, (d) add $8122, (e) add $1430, (f) $205,-193.
Monson Bros., (a) $218,720, (b) $214,220 (c) $210,700, (d) add $6200, (e) add $848, (f) $222,200.
Reilly & Nemitz, (a) $229,406, (b) $223,-300, (c) $223,700, (d) add $12,000, (f) deduct $250.
Sampel & Cody, (a) $201,000, (b) $197,-000, (c) $196,000, (d) $207,000, (e) $202,000, (f) $205,000.

Plumbing

Turner Co., 272 Natoma St., San Francisco, $13,380, (2) deduct $780, (3) deduct $1360.
Geo. Shields, $17,500, (2) ded. $1100, (3) ded. $1400.
Knittle-Cashel Co., $17,697, (2) deduct $1271, (3) deduct $1936.
Christensen Hwd. & Plb. Co., $19,972, (2) deduct $1080, (3) deduct $1641.

Heating

W. K. Nottingham, 368 10th St., Oakland, (1) $18,598, (2) $6000, (3) $1,-100, (4) $2649, (6) $1266.
Turner Co., $19,180, (2) $5840, (3) $1260 (4) $3220, (6) $780.
Frank J. Edwards, (1) $19,877, (2) $5,-065, (3) $1376, (4) $2697, (6) $1422.
W. H. Picard, (1) $19,856, (2) $6150, (3) $1329, (4) $2915, (6) $1306.27.
D. O'Meara, $20,570, (2) $6529, (3) $1627 (4) $3150, (6) $1313.
Thos. J. Kennedy, (1) $21,395, (2) $6,-191, (3) $1100, (4) $2850, (6) $1000.
Geo. A. Schuster, (1) $21,480, (2) $6810, (3) $1482, (4) $2986, (6) $2714.
Scott Co., (1) $21,960, (2) $7070, (3) $2,-180, (4) $2940, (6) $1415.
Grierson Heating Co., (1) $23,226, (2) $5739, (3) $1409, (4) $3135 (6) $1507
P. J. Enright, (1) $20,925, (2) $6935, (3) $1256, (4) $2745, (6) $1433.
Morrison & Canow, (1) $20,925, (2) $6935, (3) $1276, (4) $2993, (5) $1340.
Knittle-Cashel, (1) $19,106, (2) $6570, (3) $1430, (4) $3147, (6) $1267.

Electrical Work

Turner Co., 272 Natoma St.,San Francisco .....$ 7,420
Dowd-Seid Electric Co..... 7.875
Radelfinger Bros. 7,890
Deduct $1000 if Int. Elec. Clock can be used.
Crown Electric Co..... 8,121
Standard Electric Co..... 8,425
Butte Elec. & Mfg. Co..... 8,557
Vallejo Elec. Light & Power Co. 8,614
H. R. Eklund 8,850
Severin Electric Co. 8,900
Deduct $1000 if Int. Elec. Clock can be used.
M. E. Ryan 9,450
Newbery Electric Co. 10,657

All bids were taken under advisement until next meeting of Board, on June 9th.

VALLEJO, Solano Co., Cal.—Until June 17, 8 P. M. bids will be rec. by Elmer Cave secty. Board of Education, 344 Virginia St. Vallejo, for fur. and install toilet fixtures and remove old toilet fixtures in Dewey and Farragut schools. Cert. check 5% req. with each bid. Further information obtainable from secretary.

SANTA MONICA, L. A. Co., Cal.—Until June 16 bids will be received by board of education for additions, consisting of 5 classrooms, an auditorium and a cafeteria, to the Grant school in Fairview Hts.; est. cost, $70,000. Francis D. Rutherford, 205 Mills-Fraser Bldg., Santa Monica, archt.

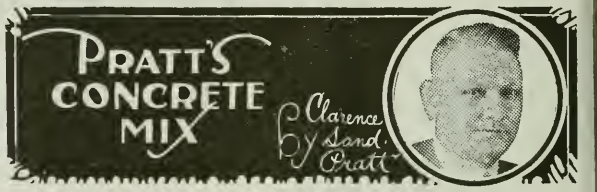
Plans for the new elementary school to be erected at Montana and 24th St., being prepared by Mr. Rutherford, will be presented to the board at the meeting June 16.

REDWOOD CITY, San Mateo Co., Cal. —M. E. Ryan, Redwood City, at $3159 awarded contract by Sequoia Union High School District, to fur. and install electrolier lighting system in school grounds and const. macadam roads and sidewalks.

BANKS, STORES & OFFICE

Plans Complete.
STORES Cost, $23,0
VALLEJO, Solano Co., Cal., Georgia Santa Clara Sts.
One-story concrete store bldg. 6 stor
Owner—S. Dannenbaum, Vallejo.
Architect—Lutgens & McBain, Valle

Contract Awarded.
STORE Cost, $11,4
SACRAMENTO, 2801-15 J St.
One-story (3) store bldg.
Owner—Born Bros., 2730 — St., Sacr mento.
Contractor — Chas. Mabrey, Ochsn Bldg., Sacramento.



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Editors of Daily Pacific Builder.
San Francisco,
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ARE NOW married.
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FROM THEIR honeymoon.
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UP HERE in Sacramento.
* * *
WHERE SANDY Pratt, President.
* * *
OF THE Pratt Building Material Co.
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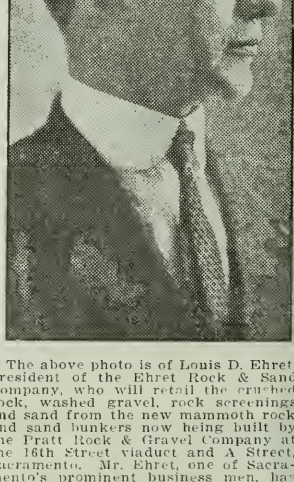
PRODUCERS OF clean, sharp sand.
* * *
AND CRUSHED rock and gravel.
* * *
LOU EHRET is starting.
* * *
A RETAIL rock and sand company.
* * *
THE EHRET Rock & Sand Co.
* * *
TO RETAIL Pratt's material.
* * *
OR THE best stuff.
* * *
IN THE world.
* * *
AND MR. Ehret, well liked.
* * *
BY THE business world.
* * *
OF FAST-GROWING Sacramento.
* * *
WILL CARRY 30 carloads.
* * *
OF PRATT'S rock and sand.
* * *
IN THE mammoth bunkers.
* * *
AT THE 16th street viaduct.
* * *
OR HALF a mile.
* * *
FROM SANDY Pratt's sand plant.
* * *
ON THE American River.
* * *
ON THE Auburn-Roseville road.
NEAR THE 12th street bridge.
* * *
"I THANK you."



The above photo is of Louis D. Ehret, president of the Ehret Rock & Sand Company, who will retail the crushed rock, washed gravel, rock screenings and sand from the new mammoth rock and sand bunkers now being built by the Pratt Rock & Gravel Company at the 16th Street viaduct and A Street, Sacramento. Mr. Ehret, one of Sacramento's prominent business men, has leased these bunkers for a number of years and will carry all kinds of crushed rock, washed gravel and sand, produced by Sandy Pratt's companies. As the bunkers will hold 1500 tons or 50 carloads, the Ehret Rock & Sand Company will be able to fill any order —large or small—day or night. The Southern Pacific Company is building a spur track to the new bunker site just north of the new 16th Street viaduct. The spur track will hold 20 railroad cars so that the Ehret Rock & Sand Company will always have material on hand for fast-growing Sacramento.

egated Bids Being Taken.
TS & STORE Cost, $100,000
FRANCISCO, NE Mission — Julia Streets.
er—United Holding Co., 780 Mission St., San Francisco.
gner — Wallace A. Stephen, 251 Kearny St., San Francisco.
ractor—James L. McLaughlin, 251 Kearny St., San Francisco.

ract Awarded.
DIUM, ETC. Cost, $164,300
FRANCISCO. Golden Gate Park. um, tennis courts, grading and ill, etc.
er—City & County of San Francisco (Board of Park Commissioners) Park Lodge, Golden Gate Park
itect — Masten, Hurd & Bangs, 78 Post St., San Francisco.
neer—Thos. F. Chase.
ractor—Palmer & McBryde.

ract Awarded.
ERATIONS Cost, $15,000
FRANCISCO, SE Pine & Liedesdorff.
rpinning for building.
er—E. W. Hopkins.
neer — Francis Betts Smith, 58 Sutter St., San Francisco.
ractor—H. C. Vensano & Co., 58 Sutter St., San Francisco.

egated Bids Wanted.
K & STORE Cost, $30,000
TA CLARA, Cal. Washington and Franklin Sts.
story Mission style reinforced concrete bank and store building.
er—Mercantile Trust Co.
tect—G. L. Lansburgh, 146 Montomery St., San Francisco.

ENDALE, L. A. Co., Cal.—Mathis truction Co., 753 San Pedro St., has awarded a contract at $73,000 for ork complete for erecting a class dition to the telephone building endale for the Southern California hone Co. John Parkinson and ld B. Parkinson, 420 Title Insur- Bldg., archts. It will be 3-story basement, 40x94 ft., reinf. concrete truction, stucco exterior, steel sash

S ANGELES—Whiting Thompson, Sixth Ave., has the contract to a 1-story brick store and garage at n.w. cor. of 9th St. and Grand- Ave. for L. H. Mitchell, Stock Ex- ge Bldg. Dimensions, 150x133 ft., res, garage, brick walls, press. and terra cotta facing, plate , stee lbeams, comp. rfg., metal ghts, cem. fls.; $40,000.

RTLAND, Ore.—Dougan & Chris- 168 Thompson St., Portland, led contract to erect three-story basement fireproof bank building Bank of California at Sixth and streets. A. E. Doyle, architect, and. Contract price is in neighod of $350,000.

SAN DIEGO, San Diego Co., Cal. — San Diego Savings Bank has purchased the n.w. cor. of 6th and Broadway as a site for a 10-story bank and office bldg. for which the bank has had tentative plans prepared. The site includes a lot 100x100 ft. owned by the Timken estate and a lot 50x100 ft. owned by Margaret Kendall. Present 3-story brick bldg. will be wrecked as soon as present leases expire. M. T. Gilmore is pres. of the bank, now at Fifth and E Streets.

LOS ANGELES, Cal.—Frank L. Froley, 420 E 8th St., is preparing plans and will erect a 2-story brick store and office bldg. on s side Santa Monica Blvd. west of Fairfax Ave., West Hollywood, for W. T. Campbell. Several stores on ground floor, offices above. Face brick and plate glass front, cem. fl., comp. rf.

HANFORD, Kings Co., Cal.—Hanford branch of the Bank of Italy is said to be next in line for a new building. A site at the southeast corner of 7th and Redington Sts. was purchased a year ago.

MARYSVILLE, Yuba Co., Cal.—Jackson Diggs, agent for Star, Durant and Flint motor cars, will erect a two-story concrete structure for salesrooms and storage quarters. Location of structure is withheld pending purchase of site.

SEATTLE, Wash.—A. W. Quist & Co., Hoge Bldg., Seattle, at approx. $2,500,000 awarded contract to Bradner Building Co., headed by Leo C. Bradner, to erect 18-story Medical and Dental building at 5th and Westlake Aves., Olive St. and Sixth Ave. Will be reinforced concrete construction. John A. Creutzer and A. H. Albertson, associate architects, prepared the plans.

HOLLYWOOD, Los Angeles Co., Cal.—The Dickason Building Co., Santa Monica Blvd. and Wilcox Ave., has prepared plans and will erect a two-story brick bank, store and office building at the southwest corner of Santa Monica Blvd. and Fairfax Ave., West Hollywood, for the West Hollywood National Bank. 7901 Santa Monica Blvd. Foundation, 52x80 feet, banking room, stores, and 16 offices. Rug, brick, plate glass and art stone facing, hardwood office floors, composition roofing.

LONG BEACH, Los Angeles Co., Cal.—S. M. Kennedy, vice-president of Southern California Edison Co. is reported announcing the decision of the company to erect a ten-story Class A office building on the company's property at 5th St. and American Ave., Long Beach, on the expiration of present leases. Cost about $1,000,000.

DURO
California Cedar Products Co.

All-Key Plaster Lath
(Patented)
100% Mechanical Key.

Plaster Wall Board
(Patent applied for)
The Last Word in Wall Board.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

THEATRES

Figures Being Taken.
THEATRE BLDG. Cost, $125,000
PALO ALTO, University Ave. and Ramona Street.
One-story reinforced concrete Class B theatre building.
Owner — Palo Alto Theatre Company, Ellis J. Arkush, Mgr.
Architect——Weeks & Day, 315 Montgomery St., San Francisco.

VAN NUYS, Los Angeles Co., Cal.—B. R. Shacklett, 417 Sherman Way, has had preliminary plans prepared for the remodeling of a store building into a theatre, at 417 Sherman Way, Van Nuys. The work will consist of a rear addition, 50x90 ft. and the remodeling of the present building, 50x40 ft. into a lobby and 2 store buildings, brick walls, 1-story, composition roofing, wood roof trusses, gas unit heating system, fan ventilating system, plate glass, tile and marble work, pine trim, cement and hardwood floors, pipe organ, pressed brick facing; the theatre will have a seating capacity of 1000 peaple. Cost, $50,000.

ALHAMBRA, L. A. Co., Cal. — John Walker Smart, 202 Van Amber Bldg., Alhambra, has completed plans and has started work on a class A theatre at corner Valley Blvd. and Garfield Ave. for W. K. Kellow and Theodore Nagel; it will have a seating capacity of about 1300 people. Reinf. conc. construction, 172x80 ft., 1-story and part basement, comp. rfg., cement, tile and pine fls., plate glass, vag. sys., pine trim, ornam. iron work, conc. exter., bldg. designed for future story. Theater has been leased to Lou Bard, 446 S Hill St., who will purchase pipe organ and interior furnishings.

CRESCENT CITY, Del Norte Co., Cal.—J. B. Endert will erect a $40,000 theatre building at Third and H streets. Early construction is contemplated.

DOWNEY, Los Angeles Co., Cal.—Architect and Engineer Truesdell & Newton, 305 San Fernando Bldg., have prepared preliminary plans for a two-story motion picture theatre to be erected at the northwest corner of Crawford and Second streets, Downey, for John Baker, Esq. It will have a seating capacity of 900 people and there will be 9 stores and 16 offices on second floor. Brick walls, plaster exterior, and facing, composition roofing, cast stone trim, structural steel, gas heating, ventilating system, cement, tile and pine floors, plate glass, ornamental iron work. Cost, $100,000.

SAN JOSE, Santa Clara Co., Cal.—West Coast Theatres, Inc., of Northern California, will expend $50,000 in remodeling the T. & D. Theatre. Construction of a mezzanine floor under the main balcony, carpets and drapes, rebuilding Wurlitzer organ, new lighting system, etc., are included in the improvements. Construction will be carried on under the supervision of Archer M. Bowles, general manager of the northern circuit.

WATTS, L. A. Co., Cal.—Schilling & Brown, 534 San Fernando Bldg., has the contract to erect a theater and store bldg. at Watts for P. L. Ferron; Carl Boller, 340 Douglas Bldg., archt. It will have 2 stores and the theater will seat 1200 people. Brick and hollow tile constr., tile and comp. rfg., ornam. iron work, ventilating sys., roof ventilators, pine and cement fls., pine trim; $35,000.

LOS ANGELES, Cal.—Archt. Carleton M. Winslow, 921 Van Nuys Bldg., has completed preliminary plans for a theater to be erected at Carthay Center, for Joe Toplitzsky and assoc. It will be of Spanish colonial architecture and will have a seating capacity of about 900 people with restrooms, lounges, foyer, checkrooms and large arcade, reinf. conc. constr., 153x80 ft., plaster exter., tile rfg.; the stage will be 34x66 ft.

GLENDALE, L. A. Co., Cal.—Roy L. Kent Co., 130 S Brand Blvd., Glendale, has contr. for enlarging the Glendale Theater bldg. owned by Louise T. Goodno, 839 Arden Rd., Glendale. The bldg. will be extended in the rear to provide for enlarging the stage for legitimate productions, dressing rooms, etc.; reinf. conc., brick, struc. steel, painting, electric work; plans by Archt A. F. Priest, Fay Bldg., Los Angeles; $20,000.

MISCELLANEOUS BUILDING CONSTRUCTION

YUBA CITY, Sutter Co., Cal.—Until June 6, 5 P. M., bids will be rec. by C. C. Kline, city clerk, to erect concrete tile water plant building, 26 by 40 ft. Plans obtainable from Edward von Geldern, city engineer.

RICHMOND, Contra Costa Co., Cal.—City votes bonds of $85,000 to finance construction of municipal bathhouse. A. C. Faris is city clerk.

MERCED, Merced Co., Cal. — Santa Cruz Portland Cement Co., Henry Cowell Lime and Cement Co., and Pacific Portland Cement Co. submitted identical bids to Merced Irrigation District to fur. approx. 350,000 barrels of cement. Bids were: $3.69 bbl. delivered Exchequer, allowance of 10c each for sacks returned with 5% discount per bbl. for cash in 10 days. Taken under advisement.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 818 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

8271—Belize, British Honduras. Party desires to purchase a Crawler tract for the Fordson tractor, preferably of the Johnson make. Catalog and best export price is desired at once.

8274—Christiania, Norway. Large and well established trading company desires to form an arrangement with a San Francisco importer for importing cement to the Pacific Coast.

8275 — United Kingdom. A firm of British manufacturers is desirous of appointing an agent on the Pacific Coast for the sale of ship sheathing felt.

8279—Canton, China. Chinese merchants, who have been engaged in shipping insurance and mining, are establising an export and import department. They claim to be in closest touch with producers in South China and seek an outlet for their goods in San Francisco through a large trading company.

8287—South Pasadena, Cal. Party desires to quote prices to San Francisco importers on fibre suitable for use in cordage carpets. A considerable tonnage is to be available.

8288—Buenos Aires, Argentina. Established Argentine trading firm, importing and expoirting a wide range of goods, desires to make a connection with a San Francisco trading company to handle California and Argentine products both ways. American references are given and all correspondence regarding this matter should be directed to the New York office of this firm.

8289—Seattle, Washington. Party desires to correspond with importers or exporters who desire to establish a buying or selling office in the Northwest. References and full information will be furnished upon request.

D-1268—New York City. Auto Table Company would like to make connections with steel mill.

D-1269—Richmond, Va. Stove Company desires to communicate with jobbers interested in their product.

D-1271—Las Plumas, Cal. Party desires to communicate with firms engaged in die making and also those firms interested in manufacturing a small combination tool.

D-1273—San Jose, Cal. Manufacturer of playground apparatus would like to get in touch with companies manufacturing gymnasium and indoor apparatus, desiring a representation in San Jose.

D-1274—New York. Sales corporation desires to communicate with live-wire agent, capable of conducting an intensive selling campaign in San Francisco, and possibly a larger territory.

D-1275—Boston, Mass. Party desires to get in touch with manufacturer or producer wishing to open or expand the New England market.

D-1278—Sanger, Cal. Party has quantity of good grade blue-black granite; also No. 1 hard, dark granite in any quantity. Will gladly send samples.

D-1279 — San Francisco. National firm desires to secure district manager exclusive of San Francisco territory nationally known product, business already developed, experienced man with $5000 operating fund will net over $7500 from start. Sacramento and Fresno territories also open.

LEADS FOR BUSINESS

ACCOUNTANTS—P. L. Calhoun, Lachman Bldg.
AUTOMOTIVE — Harty Garage, 1522 Ellis St.
BEAUTY PARLORS—Du Barry Beauty Shop, 2108 Clement.
CANDY—Mrs. A. E. Greens, 493 Sanchez.
CLEANING AND DYEING — Warfield Valet Service, 988 Market to 40 Golden Gate Ave.
P. A. Wright, 683 Fell.
CREDIT RATINGS—General Collection Corp and Dunn Reporting Agency (S. W. Dunn), Santa Fe Bldg. to 475 Pine
EMPLOYMENT AGENCIES—St. Francis Employment Bureau, 1190 Eddy.
ENGINEERS—J. E. Little (civil), 593 Market.
FOOD PRODUCTS—Betty Jeane Corp (J. B. Henry, H. S. Graham, J. A. Kluge), 485 California.
FRUIT—Arena Bros., 310 Clay.
GROCERS—B. Lusardi, 1977 15th.
Jenny Wren Co. (E. A. Cohn, S. E. Whisner), 822 Phelan Bldg.
HOSIERY—Pure Silk Hosiery Co. (H. M. Priesley), 464 Phelan Bldg.
INSURANCE — Mrs. Eshelman, 703 Market.
INVESTMENTS—Pearsons-Taft Co. (J. L. Hargrove), Mills Bldg.
LEASES—April 23, 1924—Silvio Lagomarsino to Carl M. Fraenkel—162 Tenth Ave., 1 year, $960 month.
May 26, 1924—Wm. H. Cole to Samuel Fried—2450 San Bruno Ave., 3 years, $50 month, etc.
MASSEUSE — May Baldwin, 1208 Market.
MILLINERY — Rita Fabian, Elevated Shops.
PHYSICIANS—Dr. F. L. Stein, 870 Market.
PRINTING—Service Press (L. E. Lee), 310 Bush.
RADIO—Davis & Graham, 319 Grant Ave.
SIGNS—R. A. Irvin, 530 Pine.
STUDIOS—Berry Studio, 153 Kearny.
TIRES—R. Richards, 335 Drumm.
MISCELLANEOUS — Pyke-Druehl Co., 554 Mission.
ADDRESSES WANTED — Del Norte Milk Products Co. (R. Beatty, M. Eacret, L. M. Conant).
Pacific Citrus Honey Co.
Rich Steel Products Co.
Marie Antoinnette Pearls.
Pacific Nitrogen Co.
United Credit Assn.
National Mfg. & Products Co.
American Nokol Co.
LEASE—April 28, 1924—Hotel Bellevue to Julius Kostolny—Ptn. 505 Geary St., 5 years, $10,800.
LEASES—Jan 22, 24—Van Denburgh Company to R B and Emily L Peterson — NE Sutter & Gough No 1482 Sutter st 10 yrs $150,000.
May 28, 24—James F Smith and Daniel J O'Neill to Carl F and Augusta Helbig—W 10th 25 N Natoma Augusta Arts 154 10th st 5 yrs $13,500.
May 28, 24—Sterling Investment Co. to Mabel Drake—S 13th 218-3¾ NW Folsom NW 46-5½ x SE 96-5 known as 141 to 151A 13th st 60 mos $12,000.
May 26, 24—N M Hansen to B R Zinfer—915-917 Valencia st 1 yr $1050.
LEASE—**June 15, 1924**—Mary I. Lovett to Hyman Shulman—N Golden Gate Ave. 45 E Fillmore St. No. 1228 Golden Gate Ave., 84 months, $4620.

SUBSCRIPTION BLANK

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Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

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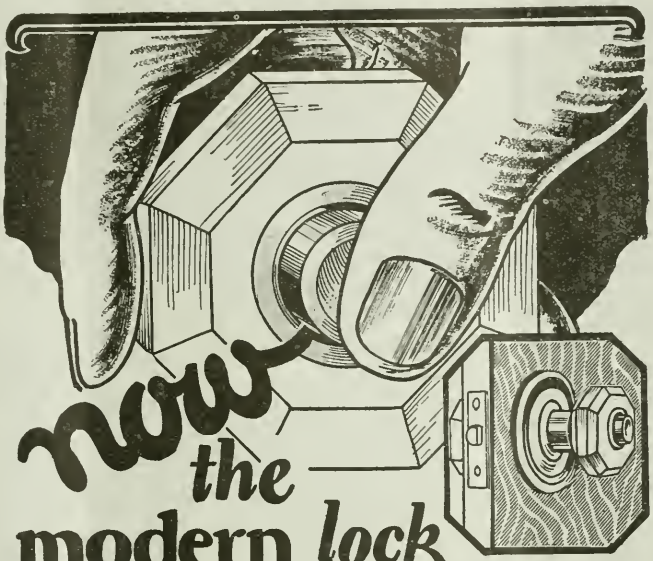

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Official Proposals

BIDS TO BE CALLED SHORTLY FOR RADIO BUILDING, ETC.

NOTICE TO CONTRACTORS

The Bureau of Yards and Docks invites attention to the fact that it will open proposals, in the near future, on Specification No. 4952, Radio Building and Accessories, Naval Radio Compass Station, Point Saint George, California. The work consists of a combined dormitary, compass house and storehouse; guyed masts; gasoline storage tank with pump; concrete walks; gravel road; driven well; windmill; elevated water tank, and water and sewerage system. The building will have concrete foundations, basement floor and basement walls; wood framing above basement walls; wood siding; shingle and tin roofs; plastered and sheathed partitions and interior wall surfaces; linoleum and wood finished floors; and complete heating, lighting and plumbing system. The masts will be of the guyed type, and of wood or steel pipe. The gasoline tank will be installed underground, will be of 2500 gallons capacity and will be supplied with sidewalk type of measuring pump. Elevated water tank will be of wood, of 5,000 gallons capacity, installed on steel tower.

Plans and specifications may be obtained by forwarding to the Bureau of Yards and Docks or to the Commandant, Navy Yard, Mare Island, Calif., a check or postal money order for $10, payable to the Chief of Bureau of Yards and Docks, as security for the safe return of the drawings and specifications, which will be forwarded as soon as available.

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on June 30, 1924,** at which time they will be publicly opened and read, for the construction, in accordance with the specifications therefor, to which special reference is made of portions of State Highway, as follows:

Humboldt County, between Eureka and Arcata (I-Hum.-1-G&H), about six and five-tenths (6.5) miles in length, to be paved with Portland cement concrete.

Placer County, between Gold Run and Forebay (III-Pla.-37-D), about eight and seven-tenths (8.7) miles in length, to be graded.

Nevada and Sierra Counties, between Floriston and Nevada State Line (III-Nev.-Sie.-38-B&A), about four and three-tenths (4.3) miles in length, to be graded.

Nevada County, a bridge 398 feet long and 21 feet wide across Truckee River and the Southern Pacific Railroad tracks about one mile north of Polaris (III-Nev-38-A), consisting of one 160 foot reinforced concrete arch span four 30 foot, one 38 foot and one 59 foot reinforced concrete girder spans.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: June 2 ,1924.

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO CONTRACTORS

(San Rafael—Paving)

Sealed proposals for the paving of streets in the City of San Rafael, Marin County, California, will be received by the City Clerk of said City at his office in the City Hall until **8 o'clock P. M., Monday, June 16, 1924,** and then publicly opened.

The principal quantities involved are approximately as follows:

4 inch Asphaltic Concrete Pavement (Open specifications) 46,000 sq. ft.
2½ inch Asphaltic Concrete Pavement 32,000 sq. ft.
2 inch Asphaltic Concrete pavement, 150,000 sq. ft.
1½ inch Asphaltic Concrete Pavement, 50,000 sq. ft.
Asphaltic Macadam Pavement, 96,000 sq. ft.

Work to be completed by October 1, 1924.

Payments to be made monthly in cash retaining 25% of the value of work performed, and final payment to be made within 35 days of completion and acceptance of work.

Specifications and proposal forms may be secured from the City Manager at the City Hall, upon deposit of $10.00 which will be refunded upon return of specifications in good condition within 15 days after bidding date.

Each bid must be accompanied by a certified check or bid bond for ten per cent of the amount of the bid, payable to the Mayor of the City of San Rafael, which will be returned to unsuccessful bidder within ten days after bidding date.

The right is reserved to reject any or all bids, or waive any informality in any bid.

EUGENE W. SMITH,
City Clerk.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

NOTICE TO CONTRACTORS

(Palo Alto City School District)

The Board of Education of the Palo Alto City School District County of Santa Clara, State of California, invites and will receive sealed proposals up until **7:30 P. M., June 12, 1924,** at the office of the said Board at 549 Channing Avenue, Palo Alto, Calif., at which time and place said bids will be opened and read in public, for furnishing the required labor and materials for building the proposed new Elementary School on Block 81, City of Palo Alto, in accordance with plans and specifications prepared therefor by Allison & Allison, 1405 Hibernian Building, Los Angeles, California, and Birge M. Clark, Palo Alto, California, Associate Architects. Bids will be received separately for the different segregated contracts as follows:

Contract No. 1. Excavating, Concrete, Carpenter, Iron, Masonry, and Cast Stone Work.
Contract No. 2. Sheet Metal Work.
Contract No. 3. Composition Roofing.
Contract No. 4. Tile Roofing.
Contract No. 5. Plastering.
Contract No. 6. Blackboards.
Contract No. 7. Painting.
Contract No. 8. Hardware.
Contract No. 9. Plumbing.
Contract No. 10. Electric Work.
Contract No. 11. Electric Clocks and Program Bells.
Contract No. 12. Heating and Ventilating.

Cashier's or certified check or bidder's bond for an amount not less than five per cent (5%) of amount of bid must accompany each proposal, drawn to the order of A. C. Baker, Secretary of the Board of Education, Palo Alto School District, as a guarantee that the bidder will, after being notified of the acceptance of his bid, enter into a contract with the Boord of Education of said School District in accordance therewith, and will furnish the surety bonds as required by the specifications, said check or bond to be forfeited to the said School District should the bider fail to execute contract and furnish bonds as above mentioned.

All bids are to be made out on forms furnished by the Architects.

Plans and specifications for all the above work may be seen and secured at the offices of the Architects.

A deposit of $25.00 will be required from all contractors receiving plans, said deposit to be refunded when plans and specifications are returned in good condition.

The Board of Education reserves the right to reject any or all bids and waive any informality in any bid received.

By the order of the Board of Education of the Palo Alto City School District, Palo Alto, California.

A.C.BARKER,
Secretary.

Palo Alto, California,

Engineering News Section

BRIDGES

SANTA CRUZ, Santa Cruz Co., Cal.—W. L. Proctor, Santa Rosa, at $29,681 awarded cont. by city council to const. Water, Ocean & Garfield street bridges all of reinforced concrete construction.

PORTLAND, Ore. — New Board of County Commissioners withdraw contracts awarded by old county board on Burnside, Ross Island and Sellwood bridges. Contracts were awarded to J. H. Tillman, Parker and Banfield and Union Bridge Co., respectively. New bids will probably be asked in the immediate future. Structures follow:

Burnside Bridge (in city of Portland) over Willamette river: 80,000 sq. ft. conc. viaduct approaches; 63,000 sq. ft. conc. encased steel plate girder approaches in deck; one 83-ft. and three 77-ft. steel plate girder approaches; two 84-ft. 6-in. steel plate girder approaches; two 105-ft. 10-in. steel plate girder approaches; 39,000 yds. conc. in river piers and abutments; 3,000,000 lbs. structural steel and machinery in Strauss Bascule span; 6500 yds conc. in arch spans.

Ross Island bridge over Willamette river, involv. 18,000 cu. yds. conc. in river piers; 30,700 cu. yds. conc. in balance of structure; 2334 tons rein. steel Structure will be of reinforced concrete construction, 3723 ft. in length 51 ft. wide. Est. cost $1,600,000.

Sellwood bridge over Willamette river; est. cost $350,000, involv. 20,500 sq. ft. rein. conc. viaduct approaches; 900,000 lbs. structural steel; 622 tons old steel to be taken down and reerected; 4500 yds. conc. in main river piers; 13,500 ft. fir piling; 37,000 ft. conc. deck, on steel spans; 2185 pipe rail; 1575 ft. conc. hand rail.

Hedrick and Kremers, consulting engineers, 250½ Third St., Portland, Ore.

YUBA, Sutter Co., Cal.—Petitions are being circulated for presentation to county supervisors seeking construction of bridge over Feather River east of Live Oak. The petitions will be presented at the June session of the supervisors.

OREGON—Portland Bridge Co., Yeon Bldg., Portland, at $183,200 submits low bid to State Highway Commission to const. bridge over Willamette river at Harrisburg and will be awarded the contract. Project involv. 3000 cu. yds. excavation, 29,000 lin. ft. wood piling, 1275 cu. yds. conc., 105,000 lbs. metal reinforcement, 70 M ft. lumber, 900,000 lbs. structural steel, 1675 lin. ft. trestle superstructure and 600 lin. ft. bank protection.

C. J. Montag, Portland, at $14,430 awarded cont. to const. bridge over Myers creek on Roosevelt Coast Highway in Coos county.

NEVADA COUNTY, Cal.—Until June 30, 2 P. M., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to const. bridge over Truckee river and S. P. R. R. tracks about 1 mile north of Polaris, 398 ft. long, 21 ft. wide, consisting of 160 ft. rein. conc. arch span, four 30 ft., and 38 ft. and one 59 ft. rein. conc. girder spans. R. M. Morton, state highway engineer. **See call for bids under official proposal section in this issue.**

SAN JOSE, Santa Clara Co., Cal.—Until July 7, 11 A. M., bids will be rec. by Henry A. Pfister, county clerk to const. rein. conc. bridge on Brokaw road over Guadalupe creek, Supervisor Dist. Nos. 3 and 4 and rein. conc. bridge on Mountain View and Alviso road over Stevens creek in Supervisor District No. 5. Spec. obtainable from Robt. Chandler, County Surveyor.

LOS ANGELES, Cal.—Until 2 P. M., June 23, bids will be rec. by supervision No. 502. Plans are on file at Ave., Flintridge, in Road Foreman Division No. 502. Plans are on file at office of board. Cert. chk. or bond, 10% Mame B. Beatty, clerk of the board.

SANTA ROSA, Sonoma Co., Cal.—Until 12 M., June 24, bids will be rec. by W. W. Felt, Jr., county clerk, to const. rein. conc. bridge on Healdsburg-Forestville highway at Cox Ranch, in 4th Supervisoral District, involv. 63 cu. yds. "A" concrete; est. cost $1,850.

Separate bids, same date, to const. rein. conc. bridge over Metanzas creek on Bennett Valley-Petaluma rd. in Third Supervisorial District, involv. involv. 204 cu. yds. "A" concrete; est. cost $6,500.

Plans on file in office of county clerk. E. A. Peugh, county surveyor.

SALEM, Ore.—Until June 12, 2 P. M., bids will be rec. by State Highway Commission, meeting in Multnomah County Courthouse, Portland, to const. bridge in Benton and Linn counties, over Williamette river on Albany-Corvallis highway at Albany, involv. 4100 cu. yds. excavation; 15,000 lin. ft. wood piling; 110 pcs. conc. piling; 3600 cu. yds. conc.; 355,000 lbs. metal reinforcement; 18 M FBM lumber; 1,500,000 lbs structural steel; 2450 lin. ft. conc. bandrail, etc. Cert. check 5% req. with each bid. Plans obtainable from Commission on deposit of $10. Ray A. Klein, state highway engineer.

LOS ANGELES, Cal.—Robt. Beyrle, 957 E. 23rd St., submitted low bid to Bd. Pub. Wks. at approx. $26,724 to const. rein. conc. bridge across Pacoima wash on San Fernando road near city of San Fernando. deWaard & Sons of San Diego bid $30,006; R. A. Garnett, $30,480; Gibbons & Reed Co., $31,100; Frank H. Greene, $31,230; W. M. Ledbetter, $31,516.

STOCKTON, San Joaquin Co., Cal.—Jenkins & Elton, 36th and Y Sts., Sacramento, at $4955 awarded cont. by council to const. Wilson Way bridge over Mormon channel.

LOS ANGELES, Cal.—North Pacific Constr. Co., 1302 Detwiler Bldg., submitted low bid to Bd. Pub. Wks. at approx. $401,897 to const. reinf. concr. viaduct at 9th St. across Los Angeles river and tracks of Santa Fe and Union Pacific Rys. Other bids were: Bent Bros., $409,372; Chas. and Geo. K. Thompson, $419,812; Clinton Constr. Co., $444,101; Ross Constr. Co., $449,330; Doran & Boyd, San Diego, $480,213; R. E. Campbell, $534,118; Thos. Kelly & Sons, Inc., $535,026.

Carbide Flare Lights

OxyAcetyleneEquipment

Goggles—Respirators

First Aid Supplies

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E. D. BULLARD

565 HOWARD STREET

San Francisco, Calif.

Douglas 6320

REDWOOD CITY, San Mateo Co., Cal.—E. M. Dearborn, Redwood City ,at $7440 awarded cont. by city trustees to const. rein. conc. bridge over branch of Redwood creek in Jefferson Ave., includ. const. of conc. retaining wall and change of channel.

DREDGING, HARBOR WORKS AND EXCAVATIONS

SACRAMENTO, Cal. — Chamber of Commerce Ship Canal Committee will select engineer shortly to make preliminary surveys for proposed deep water ship canal. Herman Davis is chairman of the committee.

WHEATLAND, Yuba Co., Cal.—See "Irrigation Projects," this issue. Contemplates construction of 17-mi. of canals.

VENICE, Cal.—City trustees presented with petitions asking for $300,000 bond issue to build breakwater for purpose of creating additional public beach in the South Beach section of the canal city.

LOS ANGELES, Cal.—Application has been made to U. S. Engineer office by the board of harbor commissioners, City of Los Angeles, for permission to bulkhead and fill an area approximately 1000 ft. wide, extending southerly from the breakwater along the shore toward Point Firmin to a point on the ocean shore and the extension southerly from the easterly side of Carolina Ave., San Pedro, Cal.

IRRIGATION PROJECTS

WHEATLAND, Yuba Co., Cal. — Wheatland Farm Center backs movement seeking establishment of irrigation district comprising approx. 50,000 acres. Land owners in Erle, Linda, Arboga, Ostrom, Sheridan and Rio Oso are interested. Approx. 17-miles of canals would be constructed to bring water on the lands. The acreage lies between the Yuba and Bear rivers, and south of the Bear river to Sheridan and Rio Oso. L. A. P. Eichler, of Marysville, a member of the irrigation committee of the Yuba County Chamber of Commerce, is a prime mover in the project.

LIGHTING SYSTEMS

LOS ANGELES, Cal.—Fritz Ziebarth submitted low bid to Bd. Pub. Wks. at $53,861 to const. ornam. lighting system in Anaheim St., bet. McFarland Ave. and Wilmington Blvd. Other bids were: A. C. Rice, $54,103; H. H. Walker, $54,621; R. A. Wattson, $54,822; Elec. Lighting Supply Co., $56,372; J. C. Rendler, Inc., $58,466. C. W. Sparks, $60,250.

Elec. Lighting Supply Co., 214 W. 3rd St., low at $71,908 to const. ornam. lighting system in Whittier Blvd., bet. Indiana St. and Boyle Ave. Other bids were: Osborn Elec. Co., $72,118; A. C. Rice, $72,413; Newbery Elec. Corp., $72,837; J. C. Rendler, Inc., $74,333; H. H. Walker, $75,247; C. W. Sparks, $76,500.

C. W. Sparks, 103 Henne Bldg., low at $83,632 to const. ornam. lighting system in Central Ave., bet. 18th St. and 49th Pl. Other bids were: H. H. Walker, $83,914; Osborn Elec. Co., $85,156; Fritz Ziebarth, $85,600; Elec. Lighting Supply Co., $85,955; J. C. Rendler, Inc., $86,544; R. A. Wattson, $87,132; A. C. Rice, $89,259.

R. A. Wattson, 4907 Melrose Ave., low at $66,713 to const. ornam. lighting system in Santa Monica Blvd., bet. Wilton Pl. and Sycamore Ave. Other bids were: H. H. Walker, $67,030; A. C. Rice, $69,498; J. C. Rendler, Inc.,

$71,511; C. W. Sparks, $72,325; Elec. Lighting Supply Co., $72,960; Newbery Elec. Corp., $73,425; Osborn Elec. Co., $73,915.

BURBANKS, Cal.—See "Streets and Sewers," this issue. Bids wanted.

MACHINERY AND EUIPMENT

MARTINEZ, Contra Costa Co., Cal.—County Surveyor Ralph Arnold authorized to purchase road planer; est. cost, $1,000.

OAKLAND, Cal.—Until June 9, 4 P. M., bids will be rec. by John W. Edgemond, Sect'y., Oakland School District, to fur. automobile trucks under materials required for school year commencing July 1, 1924, and ending June 30, 1925. Further information obtainable from Sect'y., Rm. 1104, City Hall.

PORTLAND, Ore.—Until June 10, 2 P. M., bids will be rec. by James H. Polhemus, chief engineer and general manager, Port of Portland Commission, Spalding Bldg., to const. two 48-ft. by 22-ft. 6-in. by 3-ft. 11-in. donkey scows. Spec. obtainable from above.

RAILROADS

SEATTLE, Wash. — City council adopts bill providing $65,800 appropriation to relocate and reconst. portions of Fauntleroy municipal car line.

MARYSVILLE, Yuba Co., Cal.—Engr. Dept. of Western Pacific R.R. preparing plans to electrify freight yards and other portions of its system in Marysville; est. cost $60,000. T. E. Coyle is supt. of Western Division.

MERCED, Merced Co., Cal.—As previously reported, F. Rolandi, 550 Montgomery St., San Francisco, submitted low bid to Merced Irrigation District to const. approx. 16.79 mi. of railroad, except certain bridges and other structures. Besides track laying and ballasting the project involv: Excavation, 1,000,000 cu. yds. trestles about 200,000 f. b. m. and about 6500 cu. yds. of concrete tunnels, 3495 lin. ft. and 3320 cu. yds. concrete rock walls, 1944 cu. yds. laid in cement mortar.

Bids were:

F. Rolandi, 550 Montgomery St., San Francisco, (1) $1,447,681 (2) with estimates of cost for remaining work, bridges, etc., $3,415,362.

Henry & McFee, Northern Life Bldg., Seattle, (1) $1,639,443 (2) $3,607,124.

Utah Construction Co. Phelan Bldg., San Francisco, (1) $1,639,505 (2) $3,607,186.

Bids taken under advisement. R. V. Meikle, ch. eng. for dist.

FIRE ALARM SYSTEMS

LOS ANGELES, Cal.—Until 10 a. m., July 21, bids will be rec. by council for combination fire and police box stands.

Until 10 a. m., July 21, bids will be rec. by board of public works to fur. fire alarm boxes. Spec. are on file at the office of the city electrician, 205 n city hall annex.

SALINAS, Monterey Co., Cal. — Bids will be asked at once by county supervisors, to be opened probably July 7, to install burglar alarm system in office of county treasurer.

FIRE EQUIPMENT

MONTEREY, Monterey Co., Cal. — Bonds of $6000 voted to finance purchase of fire fighting equipment.

RESERVOIRS AND DAMS

LONGVIEW, Wash. — Bids will be asked shortly by Longview Company to const. 2,000,000-gal. conc. lined water reservoir, in Cascade Hills. Reservoir will be first unit of permanent water system; will have average elevation of 230 ft. above sea level, producing pressure of 91 lbs. over city.

Contract Awarded.

RESERVOIR Cost, $30,000
NILES, Alameda Co., Cal.
Concrete lining for reservoir.
Owner—Spring Valley Water Co.
Designer — G. A. Elliott, Chief Engr. Spring Valley Water Co.
Contractor—C. A. Bruce & Son, Pleasanton.

MERCED, Merced Co., Cal.—As previously reported, Bent Bros., 1714 Eagle St., Los Angeles, submitted low bid to Merced Irrigation District to construct Exchequer Dam and power house on Merced River in Mariposa county, also to furnish cement and concrete aggregate for above work; also to fur. railway ballast and concrete aggregates for new line of Yosemite Valley R. R.. Four alternative bids were submitted as follows:

Prop. 1—Involv. 57,000 cu. yds. open excavation, mostly in rock; 17,000 cu. yds. tunnel excavation 380,000 cu. yds. concrete; erect 1500 tons metal pipes, valves, gates, structural steel and other metal work; furnish approx. 300,000 bbls. cement 58,000 tons railway ballast and alternative bids on either 25,000 tons, 50,000 tons or 100,000 tons of sand and gravel or crushed rock for railway structures.

Prop. 2—Same in other respects as Proposal 1, excepting that cement is not required.

Prop. 3—Requiring same as Proposal No. 2 except no railway ballast, sand, gravel or crushed rock for railway structure is needed.

Prop. 4—760,000 tons sand, gravel (or crushed rock) and cobbles for dam and power house; 58,000 tons railway ballast; and alternative bids on either 25,000 tons, 50,000 tons or 100,000 tons sand and gravel (or crushed rock)) for railway structures.

Bent Bros., 1714 Eagle St., Los Angeles, (1) $3,448,079 includ. future work, $5,172,139 (2) $2,452,079 includ. future work $5,148,139; (3) $1,733671 includ. future work $5,278,731.

F. Rolandi, 550 Montgomery St., San Francisco, (1) $3,630,408 includ. future work, $5,341,968; (2) $2,603,408 includ. future work $5,286,968; (3) $1,757128 includ. future work, $5,302,188.

G. and L. Atkinson, Chapman Bldg., Los Angeles, (1) no bid (2) $2,755,003 including future work, $5,451,063; (3) $1,833,557 includ. future work,, $5,428,617.

Utah Constr. Co., Phelan Bldg., San Francisco, (3) $1,854,541 includ. future work, $5,399,609.

Following bids received under Proposition No. 4:

C. R. Adams, Merced (a) 760,000 tons conc. aggregate for dam and power house, $1.08; (b) 25,000 tons aggreg. for r. r., $1.08; (c) 50,000 tons aggreg. for railroad, etc., $1.08, all bids f. o. b. Detwiler, Calif.

Catham & Wolfsen, Turlock (a) $.475 plus freight; (b) $.475 plus freight; (c) $.475 plus freight.

Bids taken under advisement. R. V. Meikle, ch. eng. for dist.

BURBANK, Cal. — Until 7:30 p. m., June 24, bids will be rec. by the city trustees to const. sewage treatment plant, sewage pumping stations and sewage pressure mains. and const. san. sewers. Plans by Olmsted & Gillelen, consulting engrs., Hollingsworth Bldg., Los Angeles, comprise the following approx. quantities: 25,423 ft. 8-in., 3799 ft. 10-in. 1931 ft. 12-in. 2003 ft. 15-in., 897 ft. 18-in., 288 ft. 20-in. and 5583 ft. 24-in. vit. sewer pipe; 115 manholes; reinf. conc. Imhoff tank; 1550 ft. 8-in., 3100 ft. 12-in., 8500 ft. 14-in. c. i. pumping pressure mains; 3 sewage pumping stations, reinf. conc. constr., with storage basins, pumps, motors, etc., completely equipped. Arthur J. Rose, city engr. of Burbank. F. S. Webster, city clerk.

PIPE LINES, WELLS, ETC.

LOOMIS, Wash.—Until June 10, 2 P. M., bids will be rec. by Kathleen Driscoll, Sect'y., Whitestone Reclamation District, to fur. material and const. 3,671 lin. ft. 51-in. electrically welded or Lock bar steel pipe or an equal, length of 54-in. riveted steel pipe. Alt. bids will be rec. for materials only for approx. 1,044 lin. ft. 48-in. creosoted wood pipe and for material and erection of 2,267 lin. ft. steel pipe of size above.

PORTLAND, Ore.—Until June 16, bids will be rec. by Jas. H. Polhemus, chief engineer and general manager, Port of Portland Commission, Spalding Bldg., to fur. 16 pipeline pontoons. Alternate proposals for steel and wooden pontoons will be considered. Further information obtainable from above.

MARYSVILLE, Yuba Co., Cal.—Dave A. Hemstreet, Marysville, awarded cont to drill well at south end of Ellis Lake; bid is $2.50 ft. for first 100 ft. and $.50 for each additional foot below the 100-foot mark.

VALLEJO, Solano Co., Cal. — Until June 17, 8 p. m., bids will be rec. by Elmer L. Cave, secy. Board of Education, to drill certain wells and fur. and install casing for same. Cert. check 5% payable to J. P. Millott, Pres. of Bd. of Educ. req. Spec. obtainable from Secretary, Masonic Temple Bldg., Vallejo.

POINT SAINT GEORGE, Calif.—Blds will be called for shortly by the U. S. Bureau of Yards and Docks for gasoline storage tank with pump; concrete walks; gravel road; driven well; windmill; elevated water tank, and water and sewerage systems under Specification No. 4952, Radio Building and Accessories, Naval Radio Compass Station.

For additional information see "Official Proposals" in this issue.

VENICE, Cal. — Southern Counties Gas Co. will expend about $335,000 for extensions and improvements in Venice and Santa Monica districts. New services will cost $210,000; $69,000 for 8-in. and 12-in. mains supplying Culver City and Santa Monica; $13,650 for 4200 ft. 12-in. main on Overland Ave., bet. Pico and National Blvds.; $40,500 for 6800 ft. 8-in. cast iron main on Washington Blvd., bet. Culver City and Venice. About $30,000 will be expended on replacement pavement.

LOS ANGELES, Cal.—Until 2:30 p. m. June 20, bids will be rec. by harbor comm., 312 Byrne Bldg., for pipe and fittings for shed at Berth 230-D & E and stock, under spec. 620. J. G. Starr, secretary.

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SEWAGE DISPOSAL PLANTS

NILES, Alameda Co., Cal.—Duble & Garden, 386 15th St., Oakland, at approx $39,950 awarded cont. by Niles Sanitary District to const. sewage disposal plant. W. T. Tobin, $47,325 and Thos. F. Geary, $61,050, next two low bidders.

MISCELLANEOUS CONSTRUCTION

SAN FRANCISCO—Plans for proposed Eureka Valley tunnel under Mount Olympus to connect the Sunset and Mission districts, together with assessment districts outlined, have been approved by the Board of Public Works, on recommendation of City Eng. M. M. O'Shaughnessy eastern portal is located at Danvers St. and Corbett Ave. and the west entrance at Cole and Alma Sts. est. cost, $1,572,654 of which the city will pay $393,163, the balance to be financed by property owners in the district.

FRESNO, Fresno Co., Cal.—City Eng Wm. Stranahan estimates cost of constructing subway under S. P. tracks at Monterey street at $181,000. The work will probably be done under the assessment plan, the railroad to pay a portion of cost.

NEWMAN, Stanislaus Co., Cal. — Chamber of Commerce will campaign for funds to finance construction of municipal pool. A structure costing approx. $20,000 is contemplated.

PHOENIX, Ariz.—According to E. W. Michael, pres. of the Verde River Irrigation & Power District, large cement interests plan to establish a $1,000,000 cement plant in or near Phoenix, as soon as the bonds for the Verde district's power and irrigation project are sold. Large deposits of limestone and other materials are said to have been secured nearby.

SACRAMENTO, Cal.—Pacific Gas and Electric Co., 445 Sutter St., San Francisco, has started construction of a gas holder in the block bounded by Front, 2nd, T and U Sts. Approx. 1250 concrete piles will be used in the foundation. Will have 3,000,000 cu. ft. capacity; 176 ft. high, 177 ft. diameter of 4 lift type; total weight of steel in holder will be 3,100,000 lbs.

WATER WORKS

ST. HELENA, Napa Co., Cal.—Until June 10, 7:30 P. M. bids will be rec. by A. Schuneman, city clerk, to fur. one deep well 100 g. p. m. pump, to operate against 300-ft; one 15 horsepower electric motor; one chlorination plant and 800-ft. casing and fittings. Spec. obtainable from clerk.

MINDEN, Nevada—City votes bonds of $18,000 to finance purchase of water system of Minden Improvement Company. Profits from sale of water will defray street lighting costs and other municipal expenses.

SANTA ANA, Cal. — Until 11 a. m., June 10, bids will be rec. by supervisors to const. pipe distribution system for Orange county waterworks. District No. 2, Buena Park, consisting of excav. and backfilling of approx. 3½ mi. of ditch for laying pipes, and the laying of pipes as follows: 1500 ft. 2-in. std. screw casing pipe; 11,000 ft. 4-in. c.i. bell and spigot pipe; 2980 ft. 6-in. c.i. bell and spigot pipe; 3400 8-in. c.i. bell and spigot pipe, and installing valves, fire hydrants and making service connections, which require approx. 1500 ft. additional trenching. Plans obtainable from Engr. L. Wayne McCollum, Wickersheim Bldg., Fullerton. Cert. check or bond 5%. J. M. Backs, clerk.

SANTA ANA, Cal.—Until 11 a. m., June 10, bids will be rec. by supervisors to fur. to Orange county waterworks, District No. 2, following material:

23 two-way 6-in. fire hydrants, with 2 2½-in. hose outlets; 54 4-in. gate valves; 4 6-in. gate valves; 3 8-in. gate valves; 4500 ft. ¾-in. standard screw pipe; 2200 2-in. standard screw pipe; 150 ¾-in. Corporation cocks; 150 ¾-in. curb cocks; 150 ¾-in. lead to iron union; 800 pounds ¾-in. double A lead pipe; 500 pounds pig lead.

Spec. obtainable from Eng. L. Wayne McCollum, Wickersheim Bldg., Fullerton. Cert. check or bond 5%. J. M. Backs, clerk.

SAN JOSE, Santa Clara Co., Cal.—Until July 7, 11 A. M., bids will be rec. by Henry A. Pfister, county clerk, to fur. and install deep well turbine pump at county hospital grounds. Spec. obtainable from County Surveyor Robt. Chandler.

PEARL HARBOR, T. H.—See "Government Work and Supplies," this issue. To ask bids for elevated water tank.

SACRAMENTO, Cal. — Until June 5, 9:15 P. M., bids will be rec. by H. G. Denton, city clerk, to fur. one Nash Hytor, or equal, vacuum pump, capacity of 120 cu. ft. of free air per min., working under a vacuum of 20 inches, direct connected to a variable speed motor. Spec. obtainable from city clerk. Cert. check 5% payable to City Controller required. Albert Givan, city engineer.

LOS ANGELES, Cal.—Until 3 P. M., June 3, bids will be rec. by public service comm., 207 S. Broadway, for 1. B. B. M. standard screw gate valves as follows: 500 3-in., 750 4-in. and 100 6-in. solid wedge type; 4 12-in. double disc. type. Spec. W-249. Jas. P. Vroman, Secretary.

TILLAMOOK, Ore.—Election will be held June 17 to vote bonds of $30,000 to finance completion of new water main.

WILLIAMS, Ariz. — Until 3 p. m., June 24, bids will be rec. by M. B. Stratzman, Town Clerk, to fur. material and labor to const. earth dam and improvements to waterworks system. Cert. check 10%. Plans obtainable from engrs., Burns & McDonnell Engineering Co., 415 Marsh-Strongg Bldg. Los Angeles, on deposit of $10 of which $7 will be refunded upon return.

KELSO, Wash. — City council will ask bids shortly for purchase of $250,000 bond issue to finance water works improvements.

MARYSVILLE, Yuba Co., Cal. — N. Randall Ellis, San Francisco, consulting engineer, commissioned by city council to compile data necessary for the purchase by the city of the Marysville Water Company, to be operated as a municipal project. A bond issue will provide funds to finance the purchase.

LOS ANGELES, Cal. — James Jones Co. awarded contr. by public service comm. for bronze tail pieces under spec. 243, as follows: 16c for the ½-in., 16c for the ¾-in., and 20c for the 1-in.

PLAYGROUNDS AND PARKS

STOCKTON, San Joaquin Co., Cal.—City council rejects blds to const. Oak Park tennis courts and new bids will be asked. Bids were: Clark and Henery Const. Co., $4451; J. E. Johnson, $4577. W. B. Hogan, city engineer.

SEWERS & STREET WORK

SAN JOSE, Santa Clara Co., Cal.—City council, John J. Lynch, clerk, declares inten. to imp. Minor Ave., bet. Auzerais and William Sts., involving grade and pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. gutters, curbs and driveway approaches. 1911 Act & Bond Act 1915. Protests June 23. Wm. Popp, city eng.

SAN JOSE, Santa Clara Co., Cal. — City council, John J. Lynch, clerk, declares inten. to imp. Clayton Ave. bet. San Pedro and pt. 796.03 ft. west, involving grade and pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs, gutters and inlets; 8-in. vit. pipe drains. 1911 Act & Bond Act 1915. Protests June 16. Wm. Popp, city eng.

SAN JOSE, Santa Clara Co., Cal.—Raymond H. Crummey, 121 Pearl St., Oakland, awarded cont. by council to imp. portions of Orvis Ave. involv. grade; pave with 1½-in. Warrenite-Bit. surface on 3-in. bitum conc. base; hyd. cem. conc. curb, gutters and walks

CHICO, Butte Co., Cal.—Until June 10, 8 p. m., bids will be rec. by Ira R. Morrison, city clerk, to imp. portions of Normal Ave., Chestnut, Cherry Sts., etc involv. const. conc. curb and gutter; c. i. gutter drains with 8-in. vit. sewer connections; reconst. existing manholes and gutter drains; const. hyd. cem. conc walks; corru. iron culverts with conc. bases; grade and pave with 5-in. asph. conc. with seal coat; grade and pave alley in Block 66 with 5-in. hyd. conc. 1911 Act & Bond Act 1915. Cert check 10% payable to city req. Chas. M. Ennis, city eng.

SAN FRANCISCO—Jas. M. Smith, 715 Ocean Ave., at $6,019.65 submits low bid to Bd. Pub. Wks. to imp. Hawes St., bet. Hudson and Innes Aves., involv. (a) 476 lin. ft. granite curb, $2.70; (b) 425 sq. ft. art. stone walks, $.19; (c) 17,300 sq. ft. asph. conc. pave, $.269. other bids:

Fay Imp. Co. (a) $2.38; (b) $.194; (c) $.286. Total, $6,143.13.

Muny Const. Co. (a) $2.85; (b) $.20; (c) $.28. Total, $6,285.60.

Raisch Imp. Co. (a) $.250; (b) $.20; (c) $.285. Total, $6,205.50.

SAN JOSE, Santa Clara Co., Cal.—Following contracts awarded by supervisors road improvements:

Santa Clara-Los Gatos road to Raisch Improvement Co., 46 Kearny St., San Francisco (Builders' Exchange, San Jose) at $59,890.

Singleton Ave., to John Doyle, 660 N-10th St., San Jose, at $4,737.

Sierra Ave. to John Doyle, 660 N-10th St., San Jose, at $4,638.

Yosemite Ave. to John Doyle, 660 N-10th St., San Jose, at $3,843.

Rhodes Court to John F. Adams, 1034 Alameda St., San Jose, at $1,600.

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SACRAMENTO, Cal.—County Surveyor Chas. W. Deterding, Jr., completes spec. to reconstruct approaches to eleven ferries over the Sacramento river and navigable sloughs adjoining that water way; est. cost $15,000.

POINT SAINT GEORGE, Calif—Bids will be called for shortly by the U. S. Bureau of Yards and Docks for gasoline storage tank with pump; concrete walks; gravel road; driven well; windmill; elevated water tank, and water and sewerage systems under Specification No. 4952, Radio Building and Accessories, Naval Radio Compass Station.

For additional information see "Official Proposals," in this issue.

OLYMPIA, Wash.—Until June 24, 10 A. M., bids will be rec. by State Highway Commission, Jas. Allen, state highway engineer, for following projects:

Clear, grade, drain and surface with gravel 2.5 mi. of the Cascade Wagon road from Marble Mount east in Skagit county.

Grade and drain 0.9 mi. of state road No. 3 from Fallon bridge across the Yakima river west in Benton county.

Clear, grade, drain and surface with gravel 2.9 mi. of state road No. 1 from East Stanwood north in Snohomish county, Federal aid project No. 130-A.

Const. steel bridge and conc. approaches over Nooksack river on state road No. 1 near Ferndale in Whatcom county, Federal aid propect No. 137-A.

Clear, grade, drain and surface with crushed rock 4.0 mi. or state road No. 5 from Glenoma east in Lewis county, Federal aid project No. 143-A.

Clear, grade and drain 14.23 mi. of state road No. 1, bet. King county line and Everett in Snohomish county, Federal aid project No. 19-A.

Clear, grade and drain 5.6 mi. of state road No. 1 bet. Redondo and Milton in King county and Pierce county, Federal aid project No. 120.

Clear, grade and drain 2.6 mi. of state road No. 2, bet. Snoqualmie and North Bend in King county, Federal aid project No. 142-A.

Clear, grade, drain and surface with gravel 6.6 mi. of state road No. 9, bet. Shelton and Purdy canyon in Mason county, Federal aid project No. 136-A.

Pave with conc. 2.5 mi. of state road No. 3 from Spokane south, Federal aid project No. 135-A; and about 0.5 mi. of state road No. 2 from Spokane east, in Spokane county.

OREGON — Oregon State Highway Commission takes following action on bids recently received:

Gwendolen-Base Line section, John Day highway, Gilliam county, Unit 1, 5.47 mi. of broken stone surfacing. Unit 2, 9.47 miles of broken stone surfacing, awarded to Nyberg & Creek, Spokane, unit 1 using concrete pipe at $85,556.50 unit 2, using con. pipe at $78,429.50 subject to reduction of $2500 for award of both units, making total award for both units $161,486.

Dufur-White River section, The Dalles-California highway, Wasco county. Unit 1, 7.56 mi. of broken stone surfacing or 17,135 cubic yards of broken stone. Unit 2, 11.26 mi. of broken stone surfacing or 25,550 cubic yards of broken stone. Unite 1 held under advisement. Unit 2 awarded to Lyon & Price, Spokane, at $63,155 on alternate A.

Missouri Bend section, Alsea highway, Benton and Lincoln counties, 8.17 mi. of grading: Held for further consideration. Low bid offered by Greenwood & Dann, 500 N-Front St., Portland, at $128,045, using conc. pipe and $126,470 using vit. clay pipe.

John Day town section, John Day highway, Grant county, 0.8 miles of grading and surfacing. Awarded to H. W. Oliver, 7106 52nd St., S. E., Portland, at $8721.30.

Roosevelt Coast highway, Tillamook county, 10,000 cu. yds. of broken stone at Cloverdale. Awarded to Frazer & Samuels, Salem, at $14,760.

Alsea Mountain section of Alsea highway in Benton county, 6 mi. of broken stone or gravel surfacing. Bid rejected. Only bid offered by Joplin & Eldon, Portland, at $50,350.

Jetty Creek-Brighton section, Roosevelt Coast highway, Tillamook county. One mile of grading. Awarded to United Contracting Company, Northwest Bank Bldg., Portland, at $65,687.

GLENDALE, Cal.—Until 10 a. m., June 5, bids will be rec. by city clerk for imp. Jackson St. and first alley west, involv. 12,300 sq. ft. grading, 12,300 sq. ft. 3-in. asph. macad. and laying only 1100 lin. ft. 6-in. class B cast iron pipe; 1911 act. Ben F. Dupuy, city engineer.

SACRAMENTO, Cal.—County supervisors will be petitioned to const. 12 mi. stretch of highway to be known as Sherman Island road which will include a bridge over Three Mile Slough, bet. Brannan and Sherman Islands. County Engineer Chas. Deterding, Jr., estimates cost at $500,000.

LOS ANGELES, Cal.—P. E. Martter, 1250 S Gramercy Pl., awarded cont. by Bd. Pub. Wks. at $15,318 to imp. Casanova St., bet. Yuba St. and Park Row, involv. grading at $8700; 5434 sq. ft. conc. paving 24c ft; 25,544 sq. ft. oil and roll 7c ft.; 2599 ft. curb 70c ft; 209 sq. ft. walk 22c ft; 4334 sq. ft. gutter 33c ft; storm drain $300.

INGLEWOOD, Cal. — Until 8 p. m. June 16, bids will be rec. by city trustees to imp. (1911 act):

Hyde Park Blvd. and Field Ave., involving 247,465 sq. ft. grading, 243,146 sq. ft. 6-in. conc. pavement, 225 ft. curb, 1210 sq. ft. walk, 207 pillow blocks, 2279 sq. ft. oiling, culverts complete, 77 water services. Engr's est. $78,789.70.

Eucalyptus Ave., bet. Arbor Vitae St. and Centinela Ave., involving 477,641 sq. ft. grading, 15,707 ft. curb, 78,119 sq. ft. walk, 649 sq. ft. gutter, culverts, 301043 sq. ft. 5-in. asph. conc. pavement (1½-in. top with 3½-in. base), 49 water services. Engr's est. $119,897.25.

Bids will be rec. until 8 p. m., June 9 to imp. Pimiento St., bet. Grevillea Ave. and Freeman Ave., involv. 350,052 sq. ft. grading, 258,346 sq. ft. 5-in. asph. conc. pavement, 39,683 sq. ft. walk, 8194 ft. curb, 4 culverts, 80 water services. Engr's est. $94,759.86. Plans obtainable from city engr., Arthur W. Cory.

PORTLAND, Ore. — J. F. Clarkson submitted low bid to U. S. Bureau of Public Roads, Portland, to const. Mt. Hood-Wapinita section of Natl. Forest Road in Mt. Hood Natl. Forest, Clackamas and Wasco counties. Bids were: conc. pipe and conc. headwalls, $128,-050; conc. pipe and rubble headwalls, $126,950; corru. pipe and conc. headwalls, $122,810; corru. pipe and rubble headwalls, $121,710. Bids referred to Washington with recommendation to award contract.

CHEHALIS, Wash.—Albert Construction Co., Chehalis, at $80,963.40 awarded cont. by council to pave streets involving approx. 23,000 sq. yds. conc. pavement.

PHOENIX, Ariz.—Until June 25, 9 a. m., bids will be rec. by E. S. Wheeler, dist. eng., U. S. Bureau of Public Roads to const. Clifton-Springerville relocation Natl. Forest rd. in Apache Natl. Forest., Greenlee county, Ariz., 17.75 mi. in length. Project involv. clearing and grubbing entire project; 9676 cu. yds. excav., rock; 59,604 cu. yds. excav., common; 17.75 mi. finishing graded road; 660 cu. yds. conc. or cement rubble masonry; 4374 lin. ft. corru. metal pipe culverts; 3.55 M.F.B.M. bridge flooring; 13,260 lbs. bridge iron (I-beams); 87,000 lin. ft. protection ditches; 5 cattle guard and gate. Deposit of $10 req. for plans obtainable from engineer.

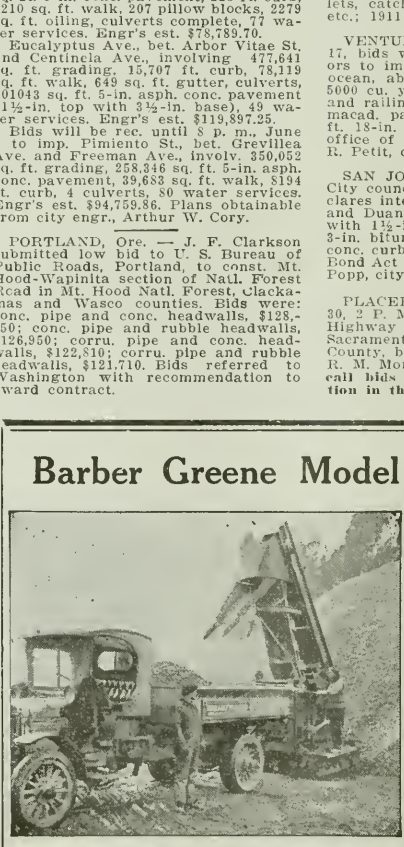
LOS ANGELES, Cal.—Council declares inten. to const. storm drain in Fickett St., Guirado St., Terrace Hts. Ave., Mott St., Mathews St., Camulos St. and other streets in Boyle Hts., involv. monolithic concr. storm drains, concr. storm drains, reinf. concr. pipe storm drains, cem. pipe storm drains, cem. pipe san. sewers, culverts, outlets, catch basins, junction chambers, etc.; 1911 act.

VENTURA, Cal.—Until 11 a. m., June 17, bids will be rec. by the supervisors to imp. Wooley Rd. to the Pacific ocean, about 14,830 lin. ft., involving 5000 cu. yds. excav., 14,830 ft. shaping and railing, 238,000 sq. yds. 5-in. asph. macad. pavement, 2 cu. yds. conc., 40 ft. 18-in. conc. pipe. Plans on file at office of L. E. Hallowell, clerk. Chas. R. Petit, county surveyor.

SAN JOSE, Santa Clara Co., Cal. — City council, John J. Lynch, clerk, declares inten. to imp. State St., bet. Oak and Duane, involv. grade and pave with 1½-in. Warrenite-bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. curbs, gutters, walks. 1911 Act & Bond Act 1915. Protests June 16th. Wm. Popp, city engineer.

PLACER COUNTY, Cal.—Until June 30, 2 P. M., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to grade 8.7 mi. in Placer County, bet. Gold Run and Forebay. R. M. Morton, state highway eng. **See call bids under official proposal section in this issue.**

Barber Greene Model 42 Loader



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McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

SMITH-BOOTH-USHER CO.

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PLACER COUNTY, Calif.—Following ds rec. by State Highway Commission, Forum Bldg., June 2, to grade 8 i. in Placer county, bet. ¾-mi. north Colfax and Gold Run, involv. 336,200 ı. yds. roadway excavation without assification; 640,850 sta. yds. overıul; 1530 cu. yds. structure excavation ithout classification; 760 cu. yds class cem. conc. (structures); 180 hundredeights bar rein. steel in place (struc-ıres); 70 lin. ft. 12-in., 1216 lin. ft. -in. and 3050 lin. ft. 24-in. corru. etal pipe; 100 cu. yds. rubble masonry etaining walls); 212 monuments. ommission will furnish corru. metal pe.

R. Adams, Merced $299,411
ıas. Crowley, Los Angeles.... 301,595
. J. & J. L. Fairbanks, S. F.... 308,731
bell Const. Co., Fresno...... 320,609
. J. Schmidt, Berkeley....... 323,463
lumenkranz & Vernon, Stockton 338,185
'alter M. Willett, S. F......... 359,448
oss Const. Co., Los Angeles.. 345,605
almer & McBryde, S .F........ 348,256
Miles, Sacramento 349,541
rickson, Peterson & Grier, San Francisco 354,497
ıas. W. Wimmer, Bakersfield 361,308
aiser Paving Co., Oakland.... 367,942
acVicar, Walls & Logan, Grants Pass, Ore. 379,452
P. Holland, San Francisco.. 388,776
auser Const. Co., Oakland.... 403,494
arsh Bros. & Gardenier Inc. San Francisco 409,212
ngineer's estimate 313,735

LOS ANGELES, Cal.—Geo. H. Oswald, 6 E 58th St., awarded cont. by Bd. ub. Wks. at $37,032 to imp. Tamarind ve., bet. Sunset & Santa Monica Blvds volv. grading at $5000 (lump sum); ,670 sq. ft. Warrenite-bitul. paving c ft; 2130 ft. curb 70c ft; 15,899 sq. ft. alk 22c ft; 5035 sq. ft. gutter 35c ft; cem. pipe sewer connections $1.75 ; 720 sq. ft. bitum. base paving 13c .

Wm. Liddington, 420 E 60th Street, warded cont. at $24,555 to imp. 59th l., bet. Menlo Ave. and 237 ft. west, ıvolv. grading at $3173; 100 sq. ft. sph. paving 35c ft; 1510 sq. ft. conc. aving 24c ft; 113,471 sq. ft. oil and oll 5.9c ft; 7600 ft. curb 52c ft; 28,233 ı. ft. walk 19⅓c ft; 16,265 sq. ft. gut-:r, 30c ft.

Griffith Co., 502 L. A. Ry. Bldg., warded cont. at $10,998 to imp. 41st r., bet. Figueroa and Hoover Sts., inolving grading at $1300 (lump sum);),856 sq. ft. conc. paving 19c ft; 47 ft.. ırb 75c ft.

SHASTA COUNTY, Calif.—Following ids rec. by State Highway Commision, Forum Bldg., Sacramento, June to paint three bridges in Shasta ounty, over Olney creek, Clear creek nd China Gulch:

. A. Mohr & Son, 2216 Fillmore Street $4828
. E. Hart, Gerber 5404
. E. Burgess, Stockton........... 5488
ainter Bros., Gerber 6480
ngineer's estimate 6800

WATTS, Cal.—Until 8 p. m., June 17 ids will be rec. by city trustees to imp orth and South Compton Aves., involv 3,950 sq. ft. pavement, consisting of -in. cem. conc. base, 1-in. asph. binder nd 2-in. standard asph. wearing surace; also certain curbs and sidewalk eplacements; 2 reinf. conc. culverts nder the Pacific Electric Ry. rightf-way; 1911 and 1915 acts. Plans and pec. are on file at the office of H. R. 'ostle, city engr.

SAN JOSE, Santa Clara Co., Cal.—City council, John J. Lynch, clerk, declares inten. to imp. Clayton Ave. bet. San Pedro and pt. 796.03 ft. north, involving grade and pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc. base; hyd. cem. conc. curbs, gutters, inlets; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Protests June 16. Wm. Popp, city eng.

GLENDALE, Cal. — Gibbons & Reed Co., 905 S Olive St., Los Angeles, submitted low bid to council at $29,021 to imp. Don Carlos, Del Valle, El Rito Aves., and portions of other streets, in Verdugo Woodlands, involv. 106,190 sq. ft. grading 2.5c ft; 62,770 sq. ft. 3-in. macad. 10.25c ft; 2600 sq. ft. 6-in. conc. paving at 24c ft; 19,350 sq. ft. walk, 17c ft; 4085 ft. class B curb 50c ft; 395 ft. 6-in. and 2230 ft. 4-in. class B cast iron water pipe, $5000 complete; reinf. conc. retaining wall $2000 complete; 1458 ft. 8-in. vit. sewer pipe at $2.25 ft; one manhole, $100; 4 junction chambers $100 ea; 2 Miller flush tanks $150 each; one lamphole, $60; 38 hse. connections, $25 ea; 8x6 wyes, $1.75. Other bids were: Cornwell & Henderson, $29,263; E. L. Fleming, $30,291.44.

Cornwell & Henderson, 120 S Glendale Ave., low bidder at $27.279 to imp. Garfield Ave., bet. Mariposa and Adams Sts., involv. 137,270 sq. ft. grading .75c ft; 82,230 sq. ft. 5-in. oiled macad. 13c ft; 23,000 sq ft. walk 15c ft; 1600 ft curb 50c ft w ter pipe complete, $1719; 2304 ft. 8-in. vit. sewer pipe $1.25 ft; 3 manholes $100 each; one Miller flush tank, $150, 68 hse. connections $22.50 ea. Other bids were: Gibbons & Reed Co., $2[illegible] .22 25, E. L. Fleming $31-[illegible]43.63.

SAN RAFAEL, Marin Co., Cal.—Until June 16, 8 p. m. bids will be rec. by Eugene W. Smith, city clerk, to pave various streets involv.

46,000 sq. ft. 4-in. asph. conc. pavement (open specifications)

32,000 sq. ft. 2½-in. asph. conc. pavement.

150,000 sq. ft. 2-in. asph. conc. pavement.

50,000 sq. ft. 1½-in. asph. conc. pavement.

96,000 sq. ft. asph. macadam pavement.

See call for bids under official proposal section in this issue.

PORTLAND, Ore.—Until June 9, 10:30 a. m., bids will be rec. by Multnomah County Commissioners to imp. St. Helens road. Spec. calls for 50 1000-lb. batches of bituminous mixed binder in place; 1000 sq. yds. of asphaltic conc. No. 1 pavement 2 in. thick, laid on old brick base and 1000 sq. yds. Warrenite bitulithic pavement 2 in. thick laid on base of old brick. Spec. obtainable from County Road Master's Office, Courthouse, Portland.

FRESNO, Fresno Co., Cal.—Calif. Rd. and St. Imp. Co., Bank of Italy Bldg., Fresno, at approx. $17,450 awarded cont. by council to imp. Vagedes Ave., bet. Hedges and Weber Sts., involv. grading, $.038 sq. ft. 3½-in. asph. conc. hase with 1½-in. asph. conc. top course, $.207 sq. ft. cem. conc. gutter, $.30 sq. ft. cem. conc. curb, $.50 lin. ft. art. stone walks, $.16 sq. ft. 5-in. cem. conc. approach, $.24 sq. ft. 12-in. Type A corru. culverts, $5.50 lin. ft.; culvert manholes, $25 each.

ALAMEDA COUNTY, Calif.—Following bids rec. by Staate Highway Commission, Forum Bldg., Sacramento, June 2, to widen with Port cem. conc. shoulders, 4.3 mi. in Alameda county bet. Greenville and Livermore, involv. 12,000 cu. yds. roadway embankment without classification; 8000 sta. yds. overhaul; 3000 mi. yds. overhaul (embankment from Station 650 plus 00 to Station 665 plus 00); 80 cu. yds. structural excavation without classification; 2910 cu. yds. class A cem. concrete (shoulders and repairs to existing pavement) 31 c. yds. class A cem. conc. (structures); 20 hundredweights bar rein. steel in place (structures); 54 lin. ft. 12-in., 20 lin. ft. 24-in. and 50 lin. ft. 30-in. corru. metal pipe; 200 cu. yds. removal of conc. in existing pavement. Commission will furnish corru. metal pipe.

W. A. Dontanville, 330 Monterey, Salinas $51,647
W. J. Taylor, Fresno 51,903
Kaiser Paving Co., Oakland.... 56,383
Leventon, Hintz & Laughland, Sacramento 58,382
R. J. Blanco, Vallejo 58,669
General Const. Co. ,S. F. 68,581
G. H. & A. W. Gorrill, Oakland.. 71,428
H. C. Vensano, S. F. 82,411
Engineer's estimate 55,924

COLFAX, Wash.—Campbell and Barr, Deer Park, Wash., at $59,957, awarded cont. by Whitman county commissioners to imp. Highway No. 20, involving 30,000 cu. yds. crushed rock.

W. A. Byers and Co., Spokane, at $71,197 awarded cont. to grade and surface Highway No. 21, involv. 27,000 yds. crushed rock and 55,000 cu. yds. excavation.

NEVADA-SIERRA COUNTIES, Cal.—Until June 30, 2 P. M., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to grade 4.3 mi. in Nevada and Sierra Counties, bet. Floriston and Nevada State line. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

OAKLAND, Cal.—Until June 19, 11:30 A. M., bids will be rec. by Eugene K. Sturgis, city clerk, to imp. portions of Florida St., involv. grading and paving; const. curbs and gutters, culvert, curtain wall and inlet. 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

SANTA ANA, Cal. — Until 11 a. m., June 10, bids will be rec. by supervisors to pave 2 mi. of Fairview Ave., connecting the present county highway at Fairview with the boulevard to Newport Beach, the junction to be made at Costa Mesa. The pavement will be of cem. conc., 18 ft. wide, 7 in. thick at the center and 9 in. at the edge. R. D. I. No. 30. J. L. McBride, county road commissioner, The county will furnish 2700 bbls. cement f. o. b. cars at nearest railroad siding.

LOS ANGELES, Cal. — Sully-Miller Contracting Co., 250 Bennett Ave., Long Beach, awarded contr. by supervisors at $97,490 for road work in R. D. I. No. 257, Michigan Ave. and Florence-Downey Rd. from Wright Rd. east and south to city limits of Long Beach, 19,568 lin. ft., involving conc. pavement and other incidental items.

J. Paul Benson, 943 S Windsor Blvd., awarded contr. at $14,900 to imp. under R. D. I. No. 262, Ohio Ave., bet. Main Ave. and Orange Ave. (Azusa Canyon Rd), (20-ft. macad., 5-in. thick); 5306 lin. ft. or approx. 1 mi., involv. 2729 cu. yds. excav.; 12,062 sq. yds. shaping roadbed; 10,655 lin. ft. shaping shoulders; 12.012 sq. yds. macad. pavement; 455 sq. ft. gutter.

RICHMOND, Contra Costa Co., Cal.—Hutchinson Co., Hutchinson Bldg., Oakland, at $78,226.17 awarded cont. by council to imp. McLaughlin and Lassen Sts., bet. McBryde and Clinton Aves; Esmond Ave., bet. San Pablo and Humboldt Aves.; Garvin and Clinton Aves., bet. San Pablo and Lassen and Solano Ave., bet San Pablo and Key Blvd., involv. grade and pave with 8-in. Richmond standard macadam pavement; cem. conc. curbs, gutters, walks, wingwalls and portals; corru. iron and cem. conc. culverts. Other bids: L. L. Page, $85,283.06; Downer and Mero, $81,299.50.

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MODESTO, Stanislaus Co., Cal.—City council plans to pave two tennis courts in Graceada Park. F. W. McCarton, city engineer.

HUMBOLDT COUNTY, Cal.—Until June 30, 2 P. M., bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, to pave with Port. cem. conc. 6.5 mi. in Humboldt county, bet. Eureka and Arcata. R. M. Morton, state highway eng. **See call for bids under official proposal section in this issue.**

SAN JOSE, Santa Clara Co., Cal.—County Surveyor Robert Chandler instructed to prepare spec. for permanent road on the county hospital infirmary road.

FRESNO, Fresno Co., Cal.—Until June 12, 10:30 A. M., bids will be rec. by H. S. Foster, city clerk, (Res. 15-D) to const. 6-in. vit. clay pipe lateral and sub-lateral sewers in Blocks 82, 83, 84, etc., Fairmont District 30 cem. conc. manholes with c. i. covers 42 lamp-holes; 6-in. wye branches for each 25-ft. frontage. 1911 Act. Cert. check 10% payable to city req. Wm. Stranahan, City Eng.

SAN JOSE, Santa Clara Co., Cal.—Until July 7, 11 A. M., bids will be rec. by Henry A. Pfister, county clerk, to imp. Monterey St., in Town of Morgan Hill, Supervisor Dist. No. 1; imp. El Monte Ave., in Supervisor Dist. No. 5. Spec. obtainable from County Surveyor Robt. Chandler.

SAN ANSELMO, Marin Co., Cal.—Sanitary District No. 1 of Marin County, W. A. Bliss, Sect'y., declares inten. to const. vit. pipe sanitary sewers; br. and conc. manholes; vit. pipe lamp holes with c. i. frames and covers in portions of McAllister Ave. 1911 Act. Protests June 4.

MILL VALLEY, Marin Co., Cal.—Improvement costing $20,000 to sewer system is contemplated by town trustees. J. C. Oglesby, town eng.

SANTA ROSA, Sonoma Co., Cal.—Until June 24, 12 M., bids will be rec. by W. W. Felt, Jr., county clerk, to const. conc. pavement on Healdsburg-Forestville highway from Healdsburg city limits to Dry Creek bridge in Fourth Supervisorial District, involv. 958.5 cu. yds. "A" conc; 900 cu. yds. unclassified excavation; est. cost $13,300. Plans obtainable from county clerk. E. A. Peugh, county surveyor.

SANTA CRUZ, Santa Cruz Co., Cal.—City council, S. A. Evans, clerk, declares inten. (No. 326-c) to imp. portions of Pacheco ave., involv. const. of detached conc. curbs; grade and pave with 5-in. conc.; const. part circle corru- metal conc. culverts; conc. catchbasins; 4-in. vit. sewer laterals. 1911 Act. Protests June 19.

SANTA ROSA, Sonoma Co., Cal.—County Surveyor E. A. Peugh instructed to make survey and estimate of cost to const. Bodega rd. to and up the coast to mouth of the Russian river. County has $75,000 available for the work.

SAN FRANCISCO—See "Government Work and Supplies," this issue. Grading project.

MARTINEZ, Contra Costa Co., Cal.—City Eng. Ben H. Greene completes spec. for 800 ft. of outfall sewer to Carquinez Straits. Bids will probably be asked at next meeting of trustees.

BURBANK, Cal.—Until 7:30 p. m., June 17, bids will be rec. by city trustees to imp. Harvard Rd., Grinnell Dr., Fairmont Rd., Walnut Ave., etc., grade and pave with oil and rock macad; const. 6-in. cem. conc. pavement; conc. curbs and walks; street lighting equipment and elec. control apparatus. F. S. Webster, city clerk.

OAKLAND, Cal.—Council, E. K. Sturgis, clerk, declares inten. to const. cem. walks in portions of E-31st and Bruce Sts., 1911 Act. Protests June 19. W. W. Harmon, city engineer.

STOCKTON, San Joaquin Co., Cal.—B. Blumenkranz, Farmers and Merchants Bldg., Stockton, awarded cont. by council to imp. sts. under Res. of Inten. 739, involv. 4852 cu. yds. cut, 65c; 2458 cu. yds. fill, 30c; 823.85 lin. ft. gutter, $1; 1225.80 lin. ft. curb and gutter, $1.10; 5931.02 sq. ft. walks, 20c; 57,251.08 sq. ft. pave, 13c; 204 lin. ft. 6-in. vit. clay pipe, including two 6x4-in. double wye branches, 90c; 138 lin. ft 4-in. vit. clay pipe 75c; 4-ft. dia. manholes $100 each.

STOCKTON, San Joaquin Co., Cal. — M. Blumenkranz, Farmers and Merchants Bldg., Stockton, awarded cont. by council to imp. sts. under Res. of Inten. 737, involv. 5484 cu. yds. cut, 65c; 693 cu. yds. fill, 40c; 4739.84 lin. ft. curb and gutter, $1; 15,970.35 sq. ft. walks, 20c; 136,849.80 sq. ft. pavement 13c; 68.8 lin. ft. 4-in. vit. clay pipe, including one 6x4-in. wye branch and one 4-in. 45 deg. curved branch, 80c.

LOS ANGELES, Cal. — Supervisors declare inten. to imp. Central Ave. bet. Manchester Ave. and n city limits of Watts, 794.42 ft. or 1.51 mi., involving 10,783 cu. yds. excav., 26,491.4 sq. yds. conc. pavement. Av. haul, 1 mi. from Watts. Est. contr. price, $88,100.60. Work will be done under County Imp. No. 36.

VENTURA COUNTY, Calif. — E. C. Cordell, U. S. Bureau of Public Roads, 9 Main Street, San Francisco, desires to get in touch with large users of bitumen, either for street work or for road construction, who might be interested in a large bitumen deposit, both solid and liquid, in Ventura County, within a few hundred yards of the railroad, and easily accessible by motor trucks. It is a very large deposit, and can be worked with a steam shovel. Can make very attractive terms to large users of this material.

LOS ANGELES, Cal. — Bids rec. by supervisors to imp. First St., and Downey-Norwalk Rd. from Crawford St. to College Rd. No. 2, County of Los Angeles, 3251 lin. ft., involv. 1932 cu. yds. excav; 1104 cu. yds. removing old macad; 10,030 sq. yds. shaping roadbed; 10,030 sq. yds. 4-in. sub-base; 6290 lin. ft. shaping shoulders; 10,030 sq. yds. cem. conc. Cash Contr. No. 217. Average haul from Downey, ¾ mi. County furnishes 3530 bbls. cement and freight on sand and gravel, 3465 tons, were:

Oglesby & Dahl—(1) 75c; (2) 75c; (3) 10c; (4) 35c; (5) 5c; (6) 91c.

Griffith Co.—(1) 90c; (2) 60c; (3) 12c (4) 32c; (5) 12c; (6) $1.

Ed Johnson & Sons—(1) $1; (2) $1; (3) 10c; (4) 30c; (5) 5c; (6) $1.17.

Sully-Miller Co.—(1) 60c; (2) 70c; (3) 13c; (4) 30c; (5) 5c; (6) $1.

Kuhn Bros.—(1) 60c; (2) 70c; (3) 9c; (4) 22c; (5) 7c; (6) $1.

Robert Metcalf—(1) $1.50; (2) $1; (3) 10c; (4) $15c; (5) 4c; (6) $1.04.

J. Paul Benson—(1) 75c; (2) 75c; (3) 10c; (4) 28c; (5) 5c; (6) $1.10.

OAKLAND, Cal.—Council, E. K. Sturgis, clerk, declares inten. to construct cem. sidewalks in Atwell Ave., bet. Bona and Lynde Sts. 1911 Act. Protests June 19. W. W. Harmon, city eng.

LODI, San Joaquin Co., Cal. — City Eng. L. F. Barzellotti will recommend new surface pavement for West Pine and Elm Streets; est. cost $11,000.

SALEM, Ore.—Until June 12, 2 p. m., bids will be rec. by State Highway Commission, meeting in Multnomah county courthouse, Portland, to surface 6-mi. in Benton county, Alsea Mountain Section of Alsea highway involving 15,000 cu. yds. broken stone or crushed gravel. Cert. check 5% req. Plans obtainable from Commission on deposit of $5. Roy A. Klein, state highway engineer.

ONTARIO, Cal—Southwest Paving Co 806 Washington Bldg., Los Angeles, submitted low bid to city trustees at $64,702 to imp. Vine St., bet. Fourth and Dessau St. etc., involv. grade; pave with asph. conc., curbs ,corru. iron culverts. The Southwest Paving Co. also low bidder at $32,103 to pave Laurel Ave. bet. Transit and B Sts., involv. asph. conc. pavement, curbs, 10 corru. iron culverts, 8 cem. conc. culverts, 9 conc. manholes with c. i. covers.

SAN LUIS OBISPO, Cal.—City council has cancelled proceedings providing Warrenite pavement for portions of Marsh, Higuera, Toro, Nipomo and Ida Streets and city engineer instructed to prepare plans for 6-in. hyd. conc. pavement under new proceedings.

SACRAMENTO, Cal.—County Engineer Chas. W. Deterding, Jr., making surveys to gravel approx. 40 miles of county roads this year.

OAKLAND, Cal. — County Surveyor Geo. A. Posey making surveys to widen San Leandro-Hayward highway, pavement to be conc. base with asph. conc. surface; will be approx. 6 mi. in length. Geo. A. Gross, county clerk.

FRESNO, Fresno Co., Cal.—Standard Oil Co. will be awarded cont. by supervisors to furnish oil for use on county roads on bid of $1.20 per bbl. on 40,000 lot and $1.15 bbl. on 60,000 lot. Gilmore Oil Co., Los Angeles, only other bidder at $1.22½ bbl. on 60,000 lot.

SALINAS, Monterey Co., Cal.—City Eng. Howard F. Cozzens recommends storm water and sanitary sewer projects costing $25,274 to be expended as follows: Sanitary system in Chinatown, $10,000, $4000 for pipe and $3000 for pumping plant; Capital street storm sewer, $9960; Lincoln St., $940; Auburn St., $587; Central Ave., $1260; Willow St., $885; Willow Sanitary, $1057.

INGLEWOOD, Cal.—W. D. McCray, 416 American Bank Bldg., Los Angeles, was awarded contr. by city trustees at $36,523 to imp Hawthorne St. Edgewood St., Warren Lane and Ivy Ave., involv. 240,739 sq. ft. grading 3.25c ft., 1729 ft. curb 60c ft., 4218 sq. ft. walk 20c ft., culverts $1500, 12,870 sq. ft. 5-in. macad. 15c ft., 99,550 sq. ft. 6-in. conc. paving, 21.8c ft., 18,810 sq. ft. class A oiling 4.5c ft., 70 water services $12 each.

OROVILLE, Butte Co., Cal.—County supervisors reject bids to gravel Riceton road, bet. Biggs and Richvale and work will be done by day labor. Bids were: E. C. Wood, Manteca, $13,280; Skeels and Hudson, Auburn, $18,675 with haul of material from Riceton to location and $17,191.50 with haul from Biggs; engineer's estimate, $15,370. Work will be carried on under supervision of County Engineer Harry H. Hume.

RICHMOND, Contra Cotsa Co., Cal.—Until June 16, 8 p. m., bids will be rec. by A. C. Faris, city clerk, (Int. 421) to const. 6-in. vit. sewers in portions of Natalie Tract and in portions of San Pablo Avenue, including brick and cem. conc. manholes with c. i. covers; wye branches, etc. 1911 Act. Cert. check 10% payable to city req. H. D. Chapman, city engineer.

SANTA BARBARA, Cal.—Bids to pave approx. 25 miles roadway in Santa Ynex Valley with 5-in. macadam rejected by supervisors and new bids called for. County Surveyor Owen H. O'Neill states that private parties have been secured who will take the $300,000 bond issue. Owing to uncertainty attached to sale of bonds and to supply of rock in proposed contract, and difficulty of making satisfactory arrangements for rock, the county counsel advised the rejection of previous bids and the authorization of a new call.

SUNNYVALE, Santa Clara Co., Cal.—San Jose Paving Co., San Carlos and Dupont Sts., San Jose, at $55,024.13 awarded cont. by city trustees to pave several streets.

OROVILLE, Butte Co., Cal.—County supervisors authorize construction of Las Plumas outlet road to the Oroville-Quincy road; est. cost $14,111, also for Bangor cut-off, a road in the southern part of the county and for the proposed Gridley Colony road. Harry H. Hume, county surveyor.

SACRAMENTO, Cal. — Bids will be asked at once by Harry W. Hall, county clerk, to be opened probably June 23, to place 4-in. gravel surface on Dutch Flat road from back road to Lower Stockton Blvd., in Reclamation Dist. No. 551. Chas. W. Deterding, Jr., county engineer.

Architects—Engineers—City and County Officials

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Building & Engineering News

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2465	Hamill	Owner	18000
2466	Kidd	Owner	3650
2467	Degliantoni	Carraro	14000
2468	Meyer	Wilhelm	2750
2469	Sichel	Meyer	3000
2470	Chinazzo	Fracchio	12000
2471	Hinkel	Owner	6000
2472	Schuster	Owner	65000
2473	Kaiser	Meyer	3000
2474	Hopkins	Vensano	15000
2475	Wells Fargo Bk	Farrell	2000
2476	Mitchell	Owner	3000
2477	Cox	Owner	12000
2478	McDonough	Owner	6000
2479	Gawthorne	Owner	18000
2480	Kane	Owner	1000
2481	McDonald	Owner	12000
2482	Battistessa	Owner	27260
2483	Standard	Schmid	2352
2484	Spencer	Lindeman	13800
2485	Steur	Vannucci	28000
2486	Steur	Ernst	11700
2487	Norton	Dahlberg	5900
2488	Y W C A	Farquharson	3000
2489	Westby	Owner	3000
2490	Zammit	Cutajar	2950
2491	Bernard	Owner	17000
2492	Anderson	Kronquist	5000
2493	Y W C A	Farquharson	3000
2494	Harder	Owner	2500
2495	O'Meara	Sicke	1200
2496	Purdy	Beha	5960
2497	New Mission	Brumfield	2400
2498	Johnson	Owner	12000
2499	Anker	McIntosh	8000
2500	Heilman	Owner	5000
2501	Adda	Fontanella	4815
2502	Dislefano	Lindberg	2700
2503	Kolsberg	Owner	4490
2504	Wilson	Marcussen	5850
2505	Mathewson	Soule	2000
2506	Fickert	Blanckenburg	3000
2507	Landreville	Owner	5000
2508	Helms	Owner	12000
2509	Angelo	Sourick	5000
2510	Gunn	Rosselli	5500
2511	Schaefer	Brnech	3700
2512	Malfanti	Sartorio	2312
2513	Busen	Reinando	1000
2514	Fredericks	Butterfield	3200
2515	Mills	Phoenix	1000
2516	Carlson	Owner	4500
2517	Abrahamson	Monson	3900
2518	Arnott	Owner	9000
2519	Liebman	Owner	17000
2520	Donkus	Grecian Mfg.	1000
2521	McCarthy	Arnott	6000
2522	Stanley	Owner	3000
2523	Lehikoinen	Jones	4000
2524	Greggians	Campbell	3645
2525	Lindeman	Lindeman	10000
2526	Nelson	Owner	12000
2527	Hansen	Owner	4000
2528	Leibacher	Owner	3000
2529	Pacelli	Trebino	3500
2530	Horn	Zelinsky	2435
2531	Lehikoinen	Jones	7437
2532	Greggains	Campbell	3645
2533	West. S. Life	Sartorius	1475
2534	Tobin	Leibert	12800
2535	Schwartz	Owner	2000
2536	Nelson	Monson	3900
2537	Coast	Owner	4000
2538	Little	Owner	4000
2539	Christiansen	Owner	12000
2540	Mangels	Owner	7000
2541	Sarafino	Cesco	1900
2542	Thorup	Owner	5000
2543	Foster	Foster	3000
2544	King	Buschke	5000
2545	Welch	Diestel	3000
2546	Berti	Owner	7900
2547	Schwartz	Owner	27000
2548	Dall	Horstmeyer	9800

FLATS
(2465) NW CABRILLO AND FORTY-Sixth Ave.; N Cabrillo 25 and 50 W Forty-sixth Ave. Three 2-story and basement frame flats. (2 flats in eamh building).
Owner—Thos. Hamill, 6140 Geary St., San Francisco.
Architect—None. $6000 each

DWELLING
(2466) E CORDOVA 50 N Seville. One-story and basement frame dwelling
Owner—John L. Kidd, 447 Eddy St., San Francisco.
Architect—None. $3650

FLATS
(2467) W DOLORES 141 and 168 S Thirtieth. Two two-story and basement frame flats (2 flats in ea. building).
Owner—George Degliantoni, 1760 Dolores St., San Francisco.
Architect—None.
Contractor—G. Carraro, 750 Felton St., San Francisco. $7000 each

APARTMENTS
(2468) 523 DOLORES STREET. Remodel flats for 2 apartments.
Owner—Mrs. L. Meyer, 585 Dolores St., San Francisco.
Architect—Geo. Wiemeyer, 57 Post St., San Francisco.
Contractor—A. H. Wilhelm, 180 Jessie St., S. F. $2750

DWELLING
(2469) W FORTIETH AVE. 100 S Anza. 1-story and basement frame dwelling.
Owner—Melvin A. Sichel, 1 Montgomery St., Room 603, S. F.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. $3000

FLATS
(2470) E GOUGH 130 N UNION. 2-story and basement frame (4) flats.
Owner—G. Chinazzo, 1350 Gilman Ave., San Francisco.
Architect—None.
Contractor — Fracchia & Rosina, 36 Cunningham Place, S. F. $12,000

DWELLINGS
(2471)) E JULES AVE. 160 AND 185 S Holloway. Two 1-story and basement frame dwellings.
Owner—J. W. Hinkel, 277 Eureka St., San Francisco.
Architect—None. $3000 each

APARTMENTS
(2472) W JULIAN AVE. 275 N 16TH 3-story and basement frame (21) apartments.
Owner—F. P. Schuster, % architect.
Architect—F. S. Holland, 1629 Folsom St., S. F. $65,000

DWELLING
(2473) N KIRKHAM 82-6 W Seventh Ave. 1-story and basement frame dwelling.
Owner—W. F. Kaiser, 1 Montgomery St., Room 603, S. F.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. $3000

UNDERPINING
(2474) SE PINE AND LEIDESDORFF. Underpinning.
Owner—E. W. Hopkins.

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

Engineer—Francis Betts Smith, 58 Sutter St., S. F.
Contractor — H. C. Vesano & Co., 58 Sutter St., S. F. $15,000

BRICK & TILE WORK
(2475) SE POST & MONTGOMERY Sts. Brick and tile work for office bldg.
Owner — Wells Fargo Bank & Union Trust Co., 14 Montgomery St., San Francisco.
Architect—None.
Bldg. Engineer—F. Kahl, 14 Montgomery St., S. F.
Contractor—M. B. Farrell, 180 Jessie St., S. F. $2000

DWELLING
(2476) E RAMONA 125 S BAY VIEW. 1-story and basement frame dwlg.
Owner—Henry Mitchell, 23 Pomona St., San Francisco.
Architect—None. $3000

FLATS
(2477) W SEVENTH AVE. 250 N Kirkham. 2-story and basement frame (4) flats.
Owner—Cox Bros., 1309 9th Ave., S. F.
Architect—None. $12,000

FFLATS
(2478) E SIXTH AVE. 59 N Fulton. 2-story and basement frame (2) flats.
Owner—M. McDonough, 148 Randall St. San Francisco.
Architect—None. $6000

DWELLINGS
(2479) W THIRTY-EIGHTH AVE. 177-3 and 303 N Cabrillo. Two 1-story and basement frame dwlgs.
Owner—Dr. F. A. Gawthorne, 651 18th Ave., S. F.
Architect—None. $9000 each

STORAGE ROOMS
(2480) E TWELFTH 200 N Harrison. 1-story frame storage rooms.
Owner—Fred T. Kane, 1560 Howard St. San Francisco.
Architect—John J. Foley, 770 5th Ave., San Francisco. $1000

FLATS
(2481) W TWENTY-EIGHTH AVE 100 and 125 N Balboa. Two 2-story and basement frame flats, (2 flats in each building).
Owner—Wm. McDonald, 6140 Geary St., San Francisco.
Architect—None. $6000 each

FLATS
(2482) N VALLEJO 50 W MASON. 3-story and basement frame (6) flats.
Owner—D. Battistessa, 200 Vallejo St., San Francisco.
Architect — Chas. Fantoni, 550 Montgomery St., S. F. $27,260

PLUMBING
(2483) 2450 HARRISON ST. All work for plumbing for bldg.
Owner — Standard Laundry Co., 3004 16th St., S. F.
Architect—None.
Contractor—Gilley Schmid Co.
Filed May 29, 1924. Dated May 27, 1924.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $2352
Bond, $1200. Sureties, Curtis N. Gilley. Forfeit, none. Limit, 60 days. Specifications filed. Plans not filed.

APARTMENTS
(2384) S LAKE 57-6 E 27TH AVE. E 25 x S 100. All work for 2-story and basement frame apartment building.
Owner—Frederick S. and Alice Spencer, 795 8th Ave., S. F.
Architect—None.
Contractor—H. O. Lindeman, 619 27th Ave., S. F.
Filed May 29, 1924. Dated May 28, 1924.
Roof on $3450
Brown coated 3450
Completed and accepted 3450
Usual 35 days 3450
TOTAL COST, $13,800
Bond, sureties, forfeit, none. Limit, 120 days. Plans and specifications not filed.

APARTMENTS
(2385) N SUTTER 90 W Leavenworth. All work for removal of brick walls, concrete and cement work, carpenter work, for 6-story class C apartment bldg.
Owner—J. Steur, 760 Geary St., S. F.
Architect — J. C. Hladik, Monadnock Bldg., S. F.
Contractor—L. Vannucci Bros., 16th and Church Sts., S. F.
Filed May 29, 1924. Dated May 14, 1924.
Footings poured $1000
1st floor poured 2000
2nd floor poured 2000
4th floor poured 5000
Fire walls poured 4000
All floors stripped 4000
35 days after 4000
Ready for lathing 3000
35 days after com. & accepted. 2000
Sidewalk and basement floor finished 1000
TOTAL COST, $28,000
Bond, sureties, forfeit, none. Limit, 150 days. Plans and specifications not filed.

(2386) PLUMBING, GASFITTING, ETC on above.
Contractor—Henry Ernst & Sons, 633 Hayes St., S. F.
Filed May 29, 1924. Dated May 26, 1924.
Roughed in $7000
Completed 1775
Usual 35 days 3925
TOTAL COST, $11,700
Bond, sureties, forfeit, none. Limit, as soon as possible. Plans and specifications not filed.

BUNGALOW
(2387) E TWENTY-EIGHTH AVE. 275 S Taraval 30 x 120. All work for 5-room bungalow.
Owner—Ernest and Annie Norton, 1801 Golden Gate Ave., S. F.
Architect—None.
Contractor—Dahlberg & Peterson, 1560 10th Ave., S. F.
Filed May 29, 1924. Dated May 15, 1924.
Deed of trust for $2500
Frame up 850
Plastered 850
Completed and accepted 850
Usual 35 days 850
TOTAL COST, $5900
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.
NOTE—Permit reported May 24, '24, No. 2372.

ALTERATIONS
(2488) 2520 FOLSOM ST. Alterations and addition for recreation center.
Owner—Young Women's Christian Association, 2520 Folsom St., San Francisco.
Architect — Julia Morgan, Merchants Exchange Bldg., San Francisco.
Contractor—D. B. Farquharson, 1760 Ellis St., S. F. $3000

DWELLING
(2489) E NINETEENTH AVE. 130 S Quintara. 1-story and basement frame dwelling.
Owner—Westby and Hansen, 249 Dolores St., San Francisco.
Architect—None. $3000

DWELLING
(2490) S OAKDALE 150 SW Mendell. 1-story and basement frame dwelling.
Owner—P. P. Zammit and F. S. Cutajar, 1215 Mendell Ave., S. F.
Architect—None.
Contractor—F. S. Cutajar, 1215 Mendell Ave., S. F. $2950

APARTMENTS
(2491) N PARNASSUS 100 W Cole. 3-story and basement frame (5) apts.
Owner—G. F. Bernard, 106 Parnassus Ave., San Francisco.
Architect—None. $17,000

DWELLING
(2492) S SUNNYSIDE AVE. 200 E Genesee. 2-story and basement frame dwelling and (2) stores.
Owner—Mr. and Mrs. Andresson, Monterey Blvd. and Genesee St., S. F.
Architect—C. H. North.
Contractor — Kronquist and Jacobson, 725 Elizabeth St., S. F. $5000

ADDITIONS ETC
(2493) 620 SUTTER STREET. Additions, showers and dressing rooms for Recreation Center.
Owner—Young Women's Christian Association, 620 Sutter St., S. F.
Architect — Julia Morgan, Merchants Exchange Bldg., San Francisco.
Contractor — D. B. Farquharson, 1760 Ellis St., S. F. .. $3000

DWELLING
(2494) E VERMONT 25 S 20th. 1-story and basement frame dwelling.
Owner—J. H. Harder, 903 Vermont St., San Francisco.
Plans by owner. $2500

ALTERATIONS
(2495) NO. 3828 GEARY. Alter and minor additions for living rooms.
Owner—J. O'Meara, Premises.
Architect—None.
Contractor—J. Sicke, 4506 Geary St., San Francisco. $1200

DWELLING
(2496) E GOUGH 91 S Bay. Two-story and basement frame dwelling
Owner—Fred Purdy, 602 2nd Ave., San Francisco.
Architect—None.
Contractor—Chas. F. Beha, 680 4th Av., San Francisco. $5960

MARQUISE
(2497) W MISSION near Twenty-second. Erect galvanized iron marquise.
Owner—New Mission Market, Prem.
Architect—None.
Contractor—Brumfield Elec. Sign Co., 965 Folsom St., S. F. $2400

DWELLINGS
(2498) E THIRTY-FIFTH AVE 20, 45 and 70 N Cabrillo. Three two-story and basement frame dwlg.
Owner—S. F. Johnson, 5750 Fulton St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $4000 each

DWELLING
(2499) W THIRTY-SECOND AVE 356 N California. One-story and basement frame dwelling.
Owner — Marian & Moriey Anker, % Architect.
Architect—August G. Headman, 747 New Call Bldg., San Francisco.
Contractor—McIntosh Bros., 180 Jessie St., San Francisco. $8000

DWELLING
(2500) SW BAY AND NORTH VIEW Court. 1-story and basement frame dwelling.
Owner—Louis Heilmann, Apt. 401, 645 Bush St., S. F.
Architect—G. Stahlberg, Flatiron Bldg., San Francisco. $5000

ALTERATIONS
(2501) 1725 CHESTNUT ST. Alterations and additions for residence.
Owner—U. Adda, 1725 Chestnut St., San Francisco.
Architect—None.
Contractor—Fontanella & Teza, 41 Sheridan St., S. F. $4815

ALTERATIONS
(2502) 3219 FOLSOM ST. Raise and underpin dwelling; construct light-wells; cement floor, etc.
Owner—Antonio Dislefano, premises.
Architect—None.
Contractor—C. Lindberg, 1 Naylor St., San Francisco. $2700

DWELLING
(2503) E FORTY-SECOND AVE. 275 S Lincoln Way. 1-story and basement frame dwelling.
Owner — Trygve Kolsberg, 1242 42nd Ave., S. F.
Plans by owner. $4490

DWELLING
(2504) W FORTY-SIXTH AVE. 116 N. Balboa. 1-story and basement frame dwelling.
Owner—V. Wilson.
Architect—None.
Contractor — Marcus Marcussen, 4516 Balboa St., S. F. $5850

ADDITION
(2505) S GRAFTON 40 W Harold Ave. 2-room addition to dwelling; make general repairs.
Owner—W. Mathewson, 15 Grafton Ave., S. F.
Architect—None.
Contractor—C. E. Soule, 152 Brighton Ave., S. F. $2000

ALTERATIONS
(2506) 1860 GREEN STREET. Cement floor for private garage; minor alterations to residence.

Owner—Mrs. C. M. Fickert, 1860 Green St., S. F.
Architect—None.
Contractor — E. Blanckenburg, 3675 Jackson St., S. F. $3900

FLATS
(2507) S JUDAH 43 E 16TH AVE. 2-story and basement frame (2) flats.
Owner—L. A. Landreville, 830A Alabama St., S. F.
Architect—None. $5000

DWELLINGS
(2508) E TWENTY-FIRST AVE. 125, 150 and 175 S Cabrillo. Three 2-story and basement frame dwlgs.
Owner—Helms & Helms, 7915 Geary St., S. F.
Architect—E. Helms, 7915 Geary St., San Francisco. $4000 each.

FLATS
(2509) W VERMONT 200 S 18TH. 2-story and basement frame (2) flats.
Owner—Zokobia Angelo, 623 San Bruno Ave., S. F.
Architect—None.
Contractor—T. A. Sourich, 1733 Palou Ave., S. F. $5000

FRAME BLDG.
(2510) N ARMY 154 E NOE. All work for 1-story and basement frame building.
Owner—W. J. Gunn, 55 Pearl St., S. F.
Architect—None.
Contractor—G. B. Rosselli, 473 London St., S. F.
Filed June 2, 1924. Dated May 29, 1924.
Frame up $1375
Brown coated 1375
Completed and accepted 1375
Usual 35 days 1375
TOTAL COST, $5500
Bond, $1375. Sureties, Frank Treso, Albert Ferro and Bert Ghiatto. Forfeit, none. Limit, 90 days. Plans and specifications not filed.
NOTE—Permit reported May 27, 1924 No. 2403.

FRAME BLDG.
(2511) W BURROWS AND GIRARD NW x 100 SW 32-6. All work for 1-story frame bldg.
Owner — Charles J. Schaefer, 330 Girard St., S. F.
Architect—None.
Contractor—Michael Brueck, 600 Charter Oak Ave., S. F.
Filed June 2, 1924. Dated May —, 1924.
Roof on $925
Plaster done 625
Accepted 925
Usual 35 days 925
TOTAL COST, $3700
Bond, sureties, none. Forfeit, $10. Limit, 90 days. Plans and specifications filed.
NOTE—Permit reported May 28, 1924 No. 2436.

ALTERATIONS
(2512) S DORCHESTER WAY 175 West of Ulloa. All work for alterations to residence.
Owner—Jos. Malfanti, Jr., 139 Dorchester St., S. F.
Architect—Vernon W. Houghton, 275 Post St., S. F.
Contractor—Peter Sartorio, 180 Jessie St., S. F.
Filed June 2, 1924. Dated June 2, 1924.
Rough frame completed $500
Plastering completed 500
Completed 734
Usual 35 days 578
TOTAL COST, $2312
Bond, $1156. Sureties, S. Bruschera and C. Sartorio. Forfeit, $10. Limit, none. Specifications not filed. Plans filed.

RAISE DWELLING
(2513) 28 BERNARD ST. Raise dwlg; cement floor; brick foundation; plaster front.
Owner—Mr. Busen, 28 Bernard St.
Architect—None.
Contractor—A. Reinando, 71 Bernard St. $1000

REPAIR ROOFING, ETC.
(2514) SW BROADWAY AND DAVIS St. Repair roofing; electric wiring; glazing; painting for wholesale grocery.
Owner—Ines Fredericks, Hotel Ambassador, San Francisco.
Architect—None.
Contractor — T. P. Butterfield, 2488 Shattuck ave., Berkeley. $3200

REPAIR LIGHTS
(2515) N BUSH 125 E MONTGOMERY. Repair sidewalk lights.
Owner—Mills buildin.
Architect—None.
Contractor—Phoenix Sidewalk Light Co., Monadnock Bldg. $1000

DWELLING
(2516) W CORDOVA 25 N Seville. 1-story and basement frame dwelling
Owner — John Carlson, 31 Rivoli St.,
Architect—None. $4500

DWELLING
(2517) W EIGHTH AVE. 175 N Noriega. 2-story and basement frame dwelling.
Owner—C. Z. Abrahamson, 764 10th Ave., S. F.
Architect—J. C. Hladik, Monadnock Bldg., S. F.
Contractor—F. Monson, 1757 9th Ave., San Francisco. $3900

DWELLINGS
(2518) E FANON AVE. 300 and 325 S Grafton; W Ashton 160 N Grafton. Three 1-story and basement frame dwellings.
Owner—Jas. Arnott & Sons, 235 Granville Way, S. F.
Architect—None. $3000 each.

APARTMENTS
(2519) N FILBERT 146-9 W Van Ness Ave. 3-story and basement frame (12) apartments.
Owner—Ben Liebman, 407 11th Ave., San Francisco.
Architect—Richard R. Irvine, 736 Call Bldg., S. F. $17,000

ALTERATIONS
(2520) 1800 FILLMORE ST. Change candy store front; construct mezzanine floor.
Owner—John Doukus, 1800 Fillmore St., S. F.
Architect—None.
Contractor—Grecian Manufacturing Co. 333 7th St., S. F. $1000

DWELLINGS
(2521) N FLOOD AVE. 250 and 275 E Edna. Two 1-story and basement frame dwellings.
Owner—The McCarthy Co., 316 Bush St. San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $3000 each

DWELLING
(2522) N HALE 75 E MERRILL. 1-story and basement frame dwlg.
Owner—John Stanley, 153 Brussels St., San Francisco.
Architect and Contractor—John Stanley, 153 Brussels St., S. F. $3000

ALTERATIONS
(2523) S HAYES 100 W Ashbury. Alterations for store and flat.
Owner—Wm. Lehikoinen, % Associated Oil Co., S. F.
Architect—Geo. E. Ralph, 431 Rialto Bldg., S. F.
Contractor—L. M. Jones, 2532 Army St., San Francisco. $4000

ALTERATIONS
(2524) 520-22-24 JUDAH ST. T & G roofing rearrange 2nd and 3rd floor for apartments.
Owner—Michael J. Greggians, 522 Judah St., S. F.
Architect—C. S. McNally, 661 Golden Gate Ave., S. F.
Contractor—J. H. Campbell, 1654 Masonic Ave., S. F. $3645

APARTMENTS
(2525) S LAKE 57½ E Twenty-seventh Ave. 2-story and basement frame (4) apartments.
Owner—H. O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 619 27th Ave., S. F. $10,000

DWELLINGS
(2526) S LINCOLN WAY 90 and 120 W 30th Ave. Two 2-story and basement frame dwellings.
Owner—F. Nelson & Sons, 2 West Portal Park, S. F.
Architect—None. $6000 each.

DWELLING
(2527) SE OTSEGO AND SAN JUAN Ave. 1-story and basement frame dwelling.
Owner—Walter E. Hansen, 485 Capistrano Ave., S. F.
Architect—None. $4000

DWELLING
(2528) E SWISS AVE. 163 S SUSSEX. 1-story and basement frame dwlg.
Owner—Jacob Leibacher, 140 Swiss Ave., S. F.
Architect—None. $3000

DWELLING
(2529) W TEXAS 300 S 20TH. 1-story and basement frame dwelling.
Owner—Amerigo Pacelli, 564 Texas St., San Francisco.
Architect—None.
Contractor—L. Trebino, 3518 Mission St., S. F. $3500

PAINTING, ETC.
(2530) SE CALIFORNIA AND FILLmore. All work for painting, varnishing, tinting, papering, etc., for 3-story store and apartment bldg.
Owner—E. and D. A. Horn, 258 Washington St., S. F.
Architect—Geo. E. Ralph, 709 Pine St., San Francisco.
Contractor—A. A. Zelinsky & Co., 180 Jessie St., S. F.
Filed June 3, 1924. Dated May 8, 1924.
5th of each month 75%
Usual 35 days 25%
TOTAL COST, $2435
Bond, sureties, forfeit, none. Limit, June 15, 1924. Plans and specifications filed.

ALTERATIONS
(2531) S HAYES BET. ASHBURY & Clayton. All work for alterations and addition to frame building except hardware, heating, electric fixtures and hardware.
Owner—Wm. Lehikoinen, 235 Ashton, San Francisco.
Architect—Geo. E. Ralph, 709 Pine St., San Francisco.
Contractor—T. M. Jones, 3767 Army St., San Francisco.
Filed June 3, 1924. Dated May 5, 1924.
5th of each month 75%
Usual 35 days 25%
TOTAL COST, $7437
Bond, $3734. Sureties, Morris J. and A. M. Jones. Forfeit, none. Limit, Aug. 15, 1924. Plans and specifications filed.
NOTE—Permit reported today, No. 2523.

ALTERATIONS
(2532) N JUDAH W 10TH AVE., 524, 522 and 520. All work for alterations and repairs for 3-story frame building.
Owner—Michael J. Greggains, 522 Judah, S. F.
Architect—C. S. McNally, 661 Golden Gate Ave., S. F.
Contractor—J. H. Campbell, 1651 Masonic Ave., S. F.
Filed June 3, 1924. Dated May 31, 1924.
New roof completed and all partitions on 2nd floor set..$911.25
Partitions on 2nd floor set, rough plumbing in and front stairs in 911.25
Completed and accepted 911.25
Usual 35 days 911.25
TOTAL COST, $3645
Bond, sureties, forfeit, none. Limit, 60 days. Plans and specifications filed.
NOTE—Permit reported today. No. 2524.

ELEVATOR DOORS, ETC.
(2533) NE SIXTH AND STEVENSON. All work for 5 sets of elevator doors, hangers, etc., for bldg.
Owner—The Western States Life Insurance Co., Market & 6th Sts., S. F.
Architect—Reid Bros., 105 Montgomery St., S. F.
Contractor — Sartorius Co., Inc., 15th and Utah Sts., S. F.
Filed June 3, 1924. Dated May 29, 1924.
Work installed 75%
Usual 35 days 25%
TOTAL COST, $1475
Bond, $750. Sureties, Fidelity & Deposit Co. of Md. Forfeit, none. Limit, June 30, 1924. Plans and specifications filed.

CONCRETE BLDG.
(2534) SE VALENCIA AND CLINTON Park. All work for 1-story concrete building.
Owner—Jas. J. Tobin, 26 Montgomery St., S. F.
Architect—Arthur S. Bugbee, 26 Montgomery St., S. F.

Contractor—J. G. Leibert, 180 Jessie St. San Francisco.
Filed June 3, 1924. Dated Apr. 17, 1924.
Concrete walls up $3200
Roof on 3200
Completed 3200
Usual 35 days 3200
TOTAL COST, $12,800
Bond, $6400. Sureties, New Amsterdam Casualty Co. Forfeit, none. Limit, 60 days. Plans and specifications filed.
NOTE—Permit reported Apr. 2, 1924, No. 1598.

ALTERATIONS
(2535) SW BUSH AND FRANKLIN. Rearrange front stairs in rooming house; construct new entrance; and new partitions.
Owner—I. Schwartz, % Architect.
Architect—Mel I. Schwartz, Nevada Bk. Bldg., San Francisco. $2000

DWELLING
(2536) W EIGHTH AVE 150 N Noriega. One-story and basement frame dwelling.
Owner—G. S. Nelson, 674 10th Ave., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—F. Monson, 1757 9th Ave., San Francisco. $3900

BUNKERS
(2537)) FIFTEENTH, 16th, Alabama and Florida. Construct gravel bunkers.
Owner—Coast Rock & Gravel Co., 500 Call Bldg., San Francisco.
Architect—None. $4000

DWELLING
(2538) E FORTY-SIXTH AVE 220 N Balboa. One-story and basement frame dwelling.
Owner—Moses Little, 1442 8th Ave., San Francisco.
Architect—None. $4000

APARTMENTS
(2539) W FOURTEENTH AVE 100 N California. Two-story and basement frame (8) apartments.
Owner — H. C. Christiansen, 518 25th Ave., San Francisco.
Architect—None.
Contractor — Christiansen Bros., 518 25th Ave., San Francisco. $12,000

RESIDENCE
(2540) E JUNIPERO SERRA BLVD. 49 N Monterey Blvd. Two-story and basement frame residence.
Owner—H. C. and W. J. Mangels, 4792 Mission St., San Francisco.
Architect—Masten & Hurd, 278 Post St., San Francisco.
Contractor—Mangels Bros., 4792 Mission St., San Francisco. $7000

ADDITION
(2541) NO. 230 ST. ROSE AVE. Two-room and bath addition to dwelling
Owner—S. Sarafino, 230 St. Rose Ave., San Francisco.
Architect—None.
Contractor—G. B. Cesco, 74 Blake St., San Francisco. $1900

DWELLING
(2542)) E THIRTY-FIFTH AVE 200 S Geary. One-story and basement frame dwelling.
Owner—J. H. Thorup, 2424 Balboa St., San Francisco.
Plans by Owner. $5000

DWELLING
(2543)) W THIRTY-THIRD AVE 175 N Taraval. One-story and basement frame dwelling.
Owner—Mr. and Mrs. George E. Foster 686 Fulton St., San Francisco.
Architect—Robt. A. Foster, 1576 45th Ave., San Francisco.
Contractor—Robt. A. Foster, 1576 45th Ave., San Francisco. $3000

BUILDING
(2544) NE FOLSOM & FOURTEENTH Streets. 1-story and mezzanine floor reinforced concrete building.
Owner—George C. and Mary D. King, 604 Mission St., San Francisco.
Architect—None.
Contractor—Buschke and Brown, 604 Mission St. S. F. $5000

REMODEL ETC.
(2545) No. 1478 JACKSON STREET. Remodel flats; addition of 2 rooms.
Owner—Mrs. Geo. Welch 248 Russ Bldg San Francisco.
Architect—None.
Contractor—Diestel and Vezina, 248 Russ Bldg., S. F. $3000

FLATS
(2546) E POLK 60 N LOMBARD. Two-story and basement frame (2) flats.
Owner—R. Berti, 2200 Larkin St., San Francisco.
Architect—None. $7900

DWELLINGS
(2547) E TWENTIETH AVE. 115-9 143-10 168-10 193-10 218-10 243-10 268-10 293-10 & 368-10 N Rivera. Nine 1-story and basement frame dwellings.
Owner—Schwartz & George, 2040 16th Ave., San Francisco.
Architect — Mel. I. Schwartz, Nevada Bank Bldg., S. F. $3000 each

FLATS
(2548) LOT 10 BLK 12 FLINT TRACT Hd. Association.
All work except concrete work for 2-story and basement frame fldg. (2 flats).
Owner—Lester Ball, 264 State St., San Francisco.
Architect—None.
Contractor—Wm. Horstmeyer Co., 31 Ord St., San Francisco.
Filed June 4, 1924. Dated May 28, 1924.
Frame up $1725
Brown coated 1725
White coated 1725
Completed and accepted 1725
Usual 35 days 2900
TOTAL COST, $9800
Bond, Forfeit. none; Limit, 70 days; Plans and specifications filed.
NOTE—Permit reported May 21, 1924 No. 2316.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
May 31, 1924—SW RUSS & HOWARD 50 on Howard by 85 on Russ. J H Hjul to whom it may concern.....May 29, 1924
May 31, 1924—W HOWARD 170 N Seventeenth 59-6x110-6. John and Daniel Lagan to whom it may concern.....May 29, 1924
May 31, 1924—E RUSS 110 N Folsom 80 alg Russ by 175. L H Nishkian and J H Hjul to whom it may concern.....May 29, 1924
May 31, 1924—NW GRATTON AVE and Capitol Ave N 25xW 100 Ptn Lots 1, 2, 3 and 4 Blk 19, Lakeview. Adolph Anderson to whom it may concern.....May 31, 1924
May 29, 1924—N EXCELSIOR AVE. S Mission 83-6. Dr. Andrew Nagy to Henry Erickson ....May 28, 1924
May 28, 1924—273 THERESA. J. C. Boltano to whom it may concern ..... Feb. 29, 1924
May 29, 1924—W MOSCOW 250 S Russia Ave. A. R. Larson to whom it may concern .....May 29, 1924
May 29, 1924—E CORDOVA 50 N Munich 25 x 94-20 S Sevilla 189-11 E Cordova 25 x 100. L. W. Grigg to whom it may concern.May 12, '24
May 29, 1924—E CORDOVA 158-74 N Athens 25 x 128-13 W Cordova 207.74 N Athens 25 x 105-70. F. G. Pfeifer to whom it may concern ..... May 29, 1924.
May 29, 1924—NE ANZA AND 37TH Ave. E 100 x N 100 W 25 S 50 W 75 S 50. John S. Purcell to whom it may concern ..... May 29, 1924
May 29, 1924—SW GREENWICH and Franklin S 96 x W 46-11¼. W. J. Feldcamp and J. W. C. Riddle to whom it may concern.... ..... May 22, 1924
May 29, 1924—W TENTH AVE 100 S Irving S 25xW 120 N 25 E 62-6 S 0-4 E 25-6 N 0-4 E 32. Mrs B Cooley to Stempel & Cooley..... .....May 29, 1924
May 29, 1924—S PACIFIC AVE 180 E Laurel E 42-6xS 127-8¼. Nathan Moran to Jas H Pinkerton..... .....May 24, 1924
May 29, 1924—W SANSOME 46-10⅞ m or 1 N from Sutter N 91-6xW 122-9. The Anglo & London Paris National Bank to James A Nelson .....May 20, 1924
May 29, 1924—W WHITNEY 175 N Randall. Wilbur C Parker to whom it may concern..May 29, 1924
May 28, 1924—W FIFTH AVE 125 S Irving S 25xW 120. Rose Close to John Little & Son.....May 23, 1924
May 28, 1924—W VAN NESS AVE 122-6 S Francisco S 40xW 110. Axel A Johnson to whom it may concern.....May 28, 1924
June 2, 1924—W WHITTIER (Lafayette) 292-6 N Brunswick N 27x W 75 Ptn. Lot 37 West End Hd. Wm R McKnight to whom it may concern.....May 31, 1924
June 2, 1924—S RUSSIA AVE 50 W Paris No. 130 Russia Ave. Gilda Guglielmi to whom it may concern.....May 21, 1924
June 2, 1924—E FOURTEENTH AV 275 S Irving S 75xE 120. The Roman Catholic Archbishop of S. F. to Fennell & Chisholm..May 29, 1924
June 2, 1924—SW LOMBARD AND Franklin S 75xW 50. Charles J U Koenig to whom it may concern.. .....May 24, 1924
June 2, 1924—E VICKSBURG 85 N Jersey No. 331 and 333 Vicksburg. Carl P Hermanson to whom it may concern.....May 31, 1924
June 2, 1924—W TWENTY-FOURTH Ave 200 N California 25x120. Rose and Elias J Wade to whom it may concern.....June 2, 1924
June 2, 1924—N STAPLES AVE 225 E Foerster E 25xN 112-6 Lot 21 Blk 18, Sunnyside. M A Austin to James Arnott & Son...June 2, 1924
June 2, 1924—E THIRTY-FOURTH Ave 125 N Balboa 25x120. Frank Antonioli to whom it may concern .....June 2, 1924
June 2, 1924—E HAMPSHIRE 147-6 N Twenty-second No. 969-971 Hampshire. Timothy D Sullivan to whom it may concern..May 31, 1924
June 2, 1924—W ABBEY 204 N 17th N 27-11⅞xW 74-9⅞. Arthur and Bernard Quinn to whom it may concern .....June 2, 1924
June 2, 1924—LOT 25 BLK G, Mission Terrace. Walter E Hansen to whom it may concern.....May 29, 1924
June 2, 1924—NE HARRISON AND Langton. Merton J Price to Otto Johnson.....May 28, 1924
June 2, 1924—N FELL 106-3 E Cole 26x137-6. P J Phelan & C Coogan to whom it may concern.May 29, 1924
June 2, 1924—S RUSSIA AVE 25 W Paris No. 136 Russia Ave. G B Rosselli and Frank Tieso to whom it may concern.....May 31, 1924
June 4, 1924—W THIRTY-EIGHTH Ave 125 S Balboa S 44xW 120. Alfred J and Elizabeth S Gray to Meyer Bros.....May 23, 1924
June 4, 1924—NO. 435 EIGHTH AVE near Geary. Market St. Railway Co to Ira W Coburn.....June 3, 1924
June 4, 1924—E FORTIETH AVE 125 N Fulton N 25xE 110. August P Konkel and Sidney I Volz to whom it may concern.....May 30, 1924
June 4, 1924—COMG. 285 and 259 N Fulton on E 44th Ave N 26xE 120 each. George W Neugebauer to whom it may concern....June 1, 1924
June 4, 1924—E FORTY-FOURTH AV 233 N Fulton N 26xE 120. Geo W Neugebauer to whom it may concern.....June 1, 1924
June 4, 1924—S BAY 160 W Van Ness Ave W 24x37-6. Charles and Rosale Schwarz to Chas Schwarz .....June 1, 1924
June 4, 1924—S BAY 123 W Van Ness Ave W 37x137-6. Charles and Rosala Schwarz to Chas Schwarz.. .....June 1, 1924

NOW READY FOR DELIVERY—PRIDDLE'S TABLES, called "3700 Splay Bases and Other Calculations," for Quantity Surveyors and Contractors.
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June 4, 1924—NW MISSION 427.48 NE Valencia 25.95x120.26. Annette Elberg to Christiansen Brotheds.. .....June 2, 1924

June 4, 1924—LOT 1 BLK 3133; Lot 13 Blk 3133; Ptn Lot 12 Blk 3133, Westwood Park. Hans and Esther E Nelson to whom it may concern .....May 29, 1924

June 4, 1924—S FRANCISCO 175 W Franklin W 25xS 137-6. Charles F Christian to whom it may concern .....June 2, 1924

June 4, 1924—S TURK 190 E Scott 30x120. H C Christiansen to whom it may concern.....June 4, 1924

June 4, 1924—S LINCOLN WAY 120 E 34th Ave E 30xS 100. Byrd O Smith to whom it may concern... .....June 3, 1924

June 3, 1924—W THIRTY-FOURTH Ave 100 N Balboa N 25xW 120; W 27th Ave 287 N Cabrillo N 26xW 120. H O Lindeman to E Lindeman .....May 31, 924

June 3, 1924—W FORTY-EIGHTH AV 100 S Balboa S 25xW 120 W 48th Ave 125 S Balboa S 25xW 120. P Sanfilippo to Thos Hamill..... .....June 2, 1924

June 3, 1924—N CHESTNUT 151-359 W from NW Chestnut and Baker. Fred W Tait to L M Carusio..... .....May 26, 1924

June 3, 1924—N FULTON 32-6 W Twenty-fourth Ave 25x100. Nels P Johnson to whom it may concern.. .....June 3, 1924

June 3, 1924—NE PACIFIC AVE & Gough 62-6 on Pacific Ave by 137-6 G W Burnett to whom it may concern.....June 2, 1924

June 3, 1924—W THIRTY-NINTH AV 200 S Anza S 25xW 120. Ernest J Olson to whom it may concern..... .....June 2, 1924

June 3, 1924—NW JACKSON AND Laguna W 55xN 127-8¼. Jos E Levin to Lawson & Drucker..... .....May 28, 1924

June 3, 1924—SW VAN NESS AVE and Fulton S 60xW 109-9. Realty Corp to Wm. Martin...April 7, 1924

June 3, 1924—E TWENTY-NINTH AV 300 S Irving. H B Bernhardt to whom it may concern....June 3, 1924

June 3, 1924—W FORTIETH AVE 225 N Fulton N 25xW 100 S Chestnut 137-6 W Octavia W 22-11xS 137-6. F Arthur Gawthorne to whom it may concern.....

June 3, 1924—N SACRAMENTO 137-6 E Hyde E 45-10xN 137-6. Louis D Stoff.....June 3, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

May 29, 1924—S ELLIS AND NW Market NW 159-3½, N 93-1¼, E 129-3. Cobbledick Kibbe Glass Co. vs. Ehlers & Smith, Cora J. Flood and H. Wallach $2559.58

June 3, 1924—NE OAK & BUCHANAN E 43xN 65. Henry Ernst & Sons vs Evert K and Tillie Nelson...$109

June 2, 1924—N FRANCISCO 151-9 E Franklin E 27-6xN 137-6. Joseph W Miller vs Cordulus H and Eloise Hoffmeyer $300

RELEASE OF LIENS

SAN FRANCISCO COUNTY

Recorded Amount

May 28, 1924—S TURK 187-6 W Taylor W 87-6xS 137-6. Anderson Bros. Planing Mill & Mfg Co, Monihan & Slavin, Geary Floor Co, L S Peirano, Raphael Zelinsky, Mangrum & Otter, Inc.; T I Butler Co, Marshall & Stearns Co, Michel & Pfeffer Iron Works, Joost Bros, Withington Iron Wks, Atlas Concrete Co, John S Guerin, Severin Electric Co, Peter Bradley, Julius E Back to Thos McDougall, A E Smith, J S Fennell, R A Chisholm and J E Fennell (as Atlas Concrete Co) .....

May 23, 1924—W HANOVER 153 N Lowell N 25xW 106-6. Mission Floor Co to Harry C Pinkerton $152

May 31, 1924—N GEARY 112-6 E Hyde E 80xN 137-6. Pioneer Plate & Window Glass Co to J Steur....

May 29, 1924—S MARKET 135 W or SE 6th S 170 m or 1 x 98-6. Hart-Wood Lumber Co., Corp.; and Peerless Ornamental Iron & Bronz Co. to Lesser Realty & Investment Co. .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2912	Hyde	Porter	22000
2913	Priest	Owner	3250
2914	Cononer	Owner	3000
2915	Flynn	Carr	3000
2916	Schmohr	Button	5000
2917	Cosgrove	Owner	1000
2918	Weber	Owner	3000
2919	Nelson	Lindquist	10000
2920	Johanson	Owner	6000
2921	Millhone	Owner	3500
2922	Laisi	Owner	3000
2923	Sherock	Graff	4574
2924	Johanson	Owner	9000
2925	Hinds	Lindquist	2900
2926	Speed	Owner	3000
2927	Bean	Brewer	5500
2928	Orton	Owner	3650
2929	Hughes	Owner	4750
2930	Baston	Marshall	7300
2931	Lockwood	Rich	61607
2932	Bell	Mason	8000
2933	Herman	Owner	4000
2934	Roberts	MacDonald	7000
2935	Carey	Owner	1400
2936	Gede	Owner	6000
2937	Mork	Owner	7500
2938	Stetcher	Mason	6000
2939	Rollin	Owner	3000
2940	Lemos	Foreman	4000
2941	Tynan	Owner	2000
2942	Koenig	Gaba	5000
2943	Ulrich	Sydes	2500
2944	Western	Schrader	1394
2945	Fox	Fox	2900
2946	Hansen	Pinkerton	3800
2947	Hollister	Seins	4000
2948	Fox	Fox	2900
2949	Marstin	Johnson	10000
2950	O'Connor	Stewart	4000
2951	Donaln	Wierk	4900
2952	Purrington	Owner	1075
2953	Norris	Norris	6000
2954	Friberg	Friberg	4000
2955	Buckhorn	Falk	1000
2956	Kearny	Ness	4000
2957	Buck	Stewart	2500
2958	Jacobson	Owner	3550
2959	De Brum	Silva	1000
2960	Van Horn	Owner	3650
2961	Carlsen	Owner	6150
2962	Hill	Owner	3500
2963	Bergstrom	Owner	3000
2964	Usevich	Owner	22500
2965	Ill Wire	Davison	31393
2966	Holton	Smith	3295
2967	Smith	Coffee	3000
2968	Tral	Sammers	3600
2969	Herrick	Owner	1200
2970	Johnson	Owner	6000
2971	Marchiando	Iscardi	3800
2972	Ray	Palmer	600000
2973	Canzanl	Gruenwald	2900
2974	Cantelle	Anderson	2850
2975	Thomes	Giantz	4000
2976	Glantz	Owner	4000
2978	Lukas	Anderson	3850
2979	Hartikalnen	Owner	2250
2980	Lukas	Anderson	7700
2981	McAnnulty	Owner	6000
2982	Cianciarnlo	Perona	8000
2983	Bowling	Owner	2500
2984	Smith	Owner	3000
2985	Chiesa	Owner	3500
2986	Smith	Owner	3500
2987	Flittner	Owner	4300
2988	Talbot	Larsen	1590
2989	Pfrang	Owner	6250
2990	Hobrecker	Gianone	10000
2991	Letts	Christensen	28600
2992	Sam	Kingrea	4983
2993	Kendall	Peters	2245
2994	Cranston	Cahill	10000
2995	Tyrrell	Peters	4605
2996	Peugh	Peugh	1000
2997	Pope	Wright	1200
2998	Nisha	Owner	2400
2999	North	Atkinson	3750
3000	Mauri	Woodard	6000
3001	Negro	Benassini	5550
3002	Dunem	Peters	3300
3003	Biven	Peters	2250
3004	Lidell	Owner	3500
3005	Razle	Schwind	4000
3006	Sheppard	Owner	1000
3007	Sohst	Lynn	5500
3008	Johnstone	Owner	3000
3009	Havens	Woodard	4000
3010	Cords	Cords	7000
3011	Laurencik	Cal. Bldrs.	8500

RESIDENCE
(2912) NO. 2579 BUENA VISTA WAY Berkeley. Residence.
Owner—C. G. Hyde.
Architect—Edwin Mead, 2618 Etna St. Berkeley.
Contractor—H. H. Porter, 833 Oxford St., Berkeley. $22,000

DWELLING
(2913) NO. 1137 EUCLID AVE., Berkeley. Dwelling.
Owner—A. L. Priest, 2046 Vine St., Berkeley.
Architect—None.
Contractor—A. L. Priest, 2046 Vine St. Berkeley. $3250

DWELLING
(2914) NO. 2408 JEFFERSON, Berkeley. Dwelling.
Owner—O. M. Cononer, 2428 McGee St. Berkeley.
Architect—None.
Contractor—R. M. Cononer, 2428 McGee St., Berkeley. $3000

DWELLING
(2915) NO. 1542 PARKER, Berkeley Dwellings.
Owner—T. Flynn, 35th St., Oakland.
Architect—None.
Contractor—F. H. Carr, 2341 35th Ave. Oakland. $3000

DWELLING
(2916) N BONA ST. 115 W Bellaire Place, Oakland. 1-story 6-room dwelling.
Owner—Anna M. S. Schohr, 1711 Stuart Berkeley.
Architect—None.
Contractor—Frank Button, 270 Mather St., Oakland. $5000

ALTERATIONS
(2917) 500 510 EAST EIGHTEENTH St., Oakland. Alterations.
Owner—J. A. Cocgrove, 500 E 18th St. Oakland.
Architect—None. $1000

DWELLING
(2918) E EIGHTY-NINTH AVE. 140 S Foothill Blvd., Oakland. 1-story 5-room dwelling.
Owner—John Weber, 1716 90th Ave., Oakland.
Architect—None. $3000

DWELLING
(2919) S EXCELSIOR AVE. 200 W Capell St., Oakland. 2-story 7-room dwelling.
Owner—John Nelson, 2325 9th Avenue, Oakland.
Architect—None.
Contractor—Emil Lindquist, 1358 E-28th St., Oakland. $10,000

DWELLINGS
(2920) 3107 3115 FIFTY-FIFTH AVE., Oakland. Two 1-story 5-room dwellings.
Owner—K. A. Johanson, 2429 13th Ave. Oakland.
Plans by owner. $3000 each

DWELLING & STORE
(2921) N E-FOURTEENTH ST. 136 W 84th Ave., Oakland. 1-story 6-room dwelling and store.
Owner—W. F. Millhone, 8320 East 14th St., Oakland.
Architect—None. $3500

DWELLING
(2922) N GEORGIA ST. 200 W MAPLE Ave., Oakland. 1-story 5-room dwelling.
Owner—V. Laisi, 2925 Georgia St., Oakland.
Architect—None. $3000

REPAIRS
(2923) 280 LEE STREET, Oakland. Repairs and alterations.
Owner—B. Sherock, 305 Perkins, Oakland.
Architect—None.
Contractor — Graff & Winlund, 1761 Franklin St., Oakland. $4574

DWELLINGS
(2924) 5418 5424 5430 MORMANDI Ave., Oakland. 3 1-story 5-room dwellings.
Owner—W. A. Johnson, 2429 13th Ave., Oakland.
Plans by owner. $3000 each

DWELLING
(2925) E NINETEENTH AVE. 125 N E-24th St., Oakland. 1-story 5-room dwelling and garage.

Owner—Chas. G. Hinds, Home Mutual Loan, Mills Bldg., San Francisco.
Architect—None.
Contractor—Chas. W. Lindquist, 4074 Brookdale Ave., Oakland. $2900

DWELLING
(2926) W ONE HUNDRED FOURTH Ave., 192 N Graffran, Oakland. 1-story 5-room dwelling.
Owner—E. T. Speed, 377 105th Ave., Oakland.
Architect—None. $3000

DWELLING
(2927) W PRESLEY WAY 230 S Chabot Road, Oakland. 1-story 6-room dwelling.
Owner—Nilo W. Bean, 5786 Shafter Ave., Oakland.
Architect—None.
Contractor—L. T. Brewer, 1620 Grove St., Berkeley. $5500

DWELLING
(2928) 5420 TRUMBULL AVE., Oakland. 1-story 5-room dwelling and garage.
Owner — A. E. Orton, 2558 Seminary Ave., Oakland.
Architect—None. $3650

DWELLING
(2929) 1034 WINSOR AVE., Oakland. 1-story 6-room dwellng.
Owner—E. C. Hughes, 1110 Market St., San Francisco.
Architect—None. $4750

RESIDENCE
(2930) LOT 8, BLK. 18, ALMA AVE., Lakeshore Hiighlands, Oakland. General contract for 2-story frame stucco residence.
Owner—Solomon E. Baston, 202 E-12th St., Oakland.
Architect—A. Mastovic, 1532 Franklin St., Oakland.
Contractor — Alex F. Marshall, 1424 Franklin St., Oakland.
Filed May 29, 1924. Dated May 29, 1924.
Sub floor is laid $1368.75
Rough framing complete .. 1368.75
Brown coated 1368.75
Accepted 1368.75
Usual 35 days 1825.00
TOTAL COST, $7300
Bond, $3650. Sureties, Fidelity & Deposit Co. of Md. Forfeit, none. Limit, 100 working days. Plans and specifications filed.

APARTMENTS
(2931) LOT 14, BLK. 24, Lakeside Tract, Adams Point Property. General contract for 3-story 44-room apartment bldg., and 2 garages.
Owner—Charles S. Lockwood and Florence Lockwood, 438 Perkins St., Oakland.
Architect — Leonard H. Ford, also known as East Bay Planners, 306 14th St., Oakland.
Contractor—James L. Rich, 743 Hilgirt Circle, Oakland.
Filed May 29, 1924. Dated May 10, 1924. 85% of cost of work inc. in bldg. 1st of each month. Bal. 15% 35 days after acceptance.
TOTAL COST, $61,607.90
Bond, $61,607.90. Sureties, Union Indemnity Co. Forfeit, none. Limit, 120 working days. Plans and specifications filed.

DWELLING
(2932) NO. 1431-33 BONITA ST., Berkeley. Dwelling.
Owner—C. H. Bell, Berkeley.
Architect—C. R. Madison, Shattuck & Addison St., Berkeley.
Contractor—Mason-McDuffie Co., Shattuck & Addison, Berkeley. $8000

DWELLING
(2933) NO. 624 COLUSA, Berkeley. Dwelling.
Owner—J. H. Herman, 811 Carmel Ave., Berkeley.
Architect—None.
Contractor—J. H. Herman, 811 Carmel Ave., Berkeley. $4000

DWELLING
(2934) NO. 960 CRAGMONT AVE., Berkeley. Dwelling.
Owner—Mrs. E. Roberts, 2720 Hillegas, Berkeley.
Architect—None.
Contractor — MacDonald & Foreman, 1686 Shattuck Ave., Berkeley. $7000

ADDITION
(2935) NO. 2634 MARTINEZ, Berkeley. Addition.
Owner—Mrs. E. Carey, Premises.
Architect—None.
Contractor—Mrs. E. B. Carey, 2634 Martinez St., Bkly. $1400

DWELLING
(2936) NO. 2020 SAN ANTONIO AVE., Berkeley. Dwelling.
Owner—Victor Gede, 511 San Fernando St., Berkeley.
Architect—None.
Contractor—Victor Gede, 511 San Fernando St., Berkeley. $6000

STORE
(2937)) NO. 1814 SAN PABLO, Berkeley. Store.
Owner—Walter Mork, 1037 Hearst Ave., Berkeley.
Architect—None.
Contractor—Walter Mork, 1037 Hearst Ave., Berkeley. $7500

DWELLING
(2938) NO. 845 THE ALAMEDA, Berkeley. Dwelling.
Owner—Robt. Stetcher, Giant, Calif.
Architect—C. R. Madison, Shattuck and Addison St., Berkeley.
Contractor—Mason-McDuffie Co., Shattuck and Addison, Bkly. $6000

DWELLING
(2939) N EL CAMILE AVE 300 W Fifty-fifth Ave., Oakland. One-story 5-room dwelling.
Owner — E. E. Rollin, 357 Athol Ave., Oakland.
Architect—None. $3000

DWELLING
(2940) NO. 1431 FIFTY-SECOND AVE. Oakland. One-story 6-room dwelling and garage.
Owner—Dan Lemos, 1044 50th Ave., Oakland.
Architect—None.
Contractor—H. S. Foreman, 3411 Sheffield Ave., Oakland. $4000

OFFICE BLDG.
(2941)) SW SIXTY-THIRD AVE AND E-14th St., Oakland. One-story office building.
Owner—Tynan Lumber Co.
Architect—None. $2800

CLEANING WORKS
(2942) N THIRTY-EIGHTH 100 W Broadway, Oakland. Two-story brick cleaning works.
Owner — Jos. Koenig, 3801 Broadway, Oakland.
Architect—None.
Contractor—J. W. Gaba, 5535 Hermosa Ave., Oakland. $5000

DWELLING
(2943) NO. 3326 THIRTY-FIFTH AV., Oakland. One-story 4-room dwlg.
Owner—F. E. Ulrich, 1410 46th Ave., Oakland.
Architect—None.
Contractor—C. E. Sydes, 1700 48th Ave., Oakland. $2500

REPAIRS
(2944) NO. 1417-1419 TWENTIETH Ave., Oakland. Fire repairs.
Owner—Western Broom Co.
Architect—None.
Contractor—J. F. Shrader, 2004 Telegraph Ave., Oakland. $1394

RESIDENCE
(2945) ACTON N of Virginia, Berkeley. Residence.
Owner—C. H. Fox, 1319 McGee St., Berkeley.
Architect—None.
Contractor—Fox Bros., 1926 University Ave., Berkeley. $2900

DWELLING
(2946) NO. 2425 HILGARD ST., Berkeley. Dwelling.
Owner—Geo. Hansen.
Architect—None.
Contractor—J. A. Pinkerton, 1931 Berryman St., Berkeley. $3800

DWELLING
(2947)) NO. 2226 PRINCE ST., Berkeley. Dwelling.
Owner—N. A. Hollister, 2454 Prince St., Berkeley.
Architect—None.
Contractor—L. M. Siens, 1812 Virginia St., Berkeley. $4000

DWELLING
(2948) NO. 1528 SAN LORENZO ST., Berkeley. Dwelling.
Owner—C. H. Fox, 1319 McGee St., Berkeley.
Architect—None.
Contractor—Fox Bros., 1926 University Ave., Berkeley. $2900

RESIDENCE
(2949)) NO. 1152 SPRUCE ST., Berkeley. Residence.
Owner — W. Marstin, 1500 Arch St., Berkeley.
Architect—None.
Contractor—H. Elmer Johnson, San Leandro. $10,000

DWELLING
(2950) N ARLINGTON AVE 60 W Los Angeles, Oakland. 1-story 5-room dwellng.
Owner—V. P. O'Connor, 1068 Aileen St., Oakland.
Architect—None.
Contractor—S. L. Stewart, 646 42nd St., Oakland. $4000

STORES
(2951) N BOND ST. 50 W Fairfax Ave. Oakland. 1-story stores.
Owner—Jos. Donaln, 5125 Bond Street, Oakland.
Architect—None.
Contractor—Nick Wierk, 404 45th St., Oakland. $4900

DWELLING
(2952) NE COR. BROADWAY TERrace and Uranus Ave., Oakland. 1-story 2-room dwellng and garage.
Owner—D. D. Purrington, 3526 Ardley Street, Oakland.
Architect—None. $1075

DWELLINGS
(2953) 3286 3280 CALIFORNIA ST., Oaklanl. 2 1-story 5-rm dwellings.
Owner—J. Norris.
Architect—None.
Contractor—R. E. Norris, 3466 Wood ruff Ave., Oakland. $3000 each

DWELLING
(2954) E CONGRESS AVE. [illegible] N Ygnacio Ave., Oakland. 1-story 6-room dwelling.
Owner—Mrs. Anenda C. Friberg, 2176 48th Ave., Oakland. $4000

ALTER & ADDITION
(2955) 5114 CONGRESS AVENUE, Oakland. Alter and addition.
Owner—Mrs. E. Buckhorn
Architect—None.
Contractor—Chas. W. Falk, 1520 E-38th St., Oakland. $1000

DWELLING
(2956) W ELSTON AVE. 200 S E-38th St., Oakland. 1-story 5-room dwlg.
Owner—John J. Kearney, 817 27th St., Oakland.
Architect—None.
Contractor—Ness Bros., 3912 Linwood Ave., Oakland. $4000

DWELLING
(2957) N GEORGIA ST. 160 W Maple Ave., Oakland. 1-story 4-room dwlg
Owner—Amye Buck, 2257 Lincoln Ave., Oakland.
Architect—None.
Contractor—J. Stewart, Lafayette, California $2500

DWELLING
(2958) W HAVENSCOURT BLVD. 200 S Avenal Ave., Oakland. 1-story 5-room dwellng and garage.
Owner—Eric Jacobson, 1555 Havenscourt Blvd., Oakland.
Architect—None. $3550

ALTERATIONS
(2959) 3127 MAGNOLIA ST., Oakland. Alterations.
Owner—Frank DeBrum, 3127 Magnolia Oakland.
Architect—None.
Contractor—M. R. Silca, 1811 Park Blvd Oakland. $1000

DWELLING
(2960) N MONADNOCK WAY opposite 61st Ave., Oakland. 1-story 5-room dwelling and garage.
Owner—D. W. Van Horn, 6004 Monadnock Way, Oakland.
Architect—None. $3650

DWELLING
(2961) E NINTH AVE 100 N E-21st St., Oakland. 1-story -room 2-fam-

fly dwelling and garage.
Owner—Herman Carlsen, 5041 Terrace St., Oakland.
Architect—None. $6150

DWELLING
(2962) 2159 ONE HUNDRED EIGHTH Ave., Oakland. 1-story 4-room dwlg.
Owner—Hill & Watters, 1600 High St., Oakland.
Architect—None. $3500

DWELLING
(2963) S PALMETTO ST. 100 W Boston Ave., Oakland. 1-story 5-room dwelling.
Owner—Bergstrom & Rehn, 2141 10th Ave., Oakland.
Architect—None. $3000

APARTMENT
(2964) SE COR. PERRY ST. & LAgunitas Aves., Oakland. 2-story 30-room apartments.
Owner—S. Usevich, 477 Lagunitas Ave. Oakland.
Architect—None. $22,500

FACTORY
(2965) BEG. AT THE E COR. OF 10 acre tract conveyed to Victor Talking Machine Co. Oct. 19, 1923, said part of beg. being on the NE line o fa 7163 acre tract conveyed to R. C. Durant and Wickham Havens Apr. 17, 1920, SW 456.02 SE 544.29 ft. NE 453.81 ft. NW 608.29. General contract for brick and concrete 1-story factory bldg., class C.
Owner—Illinois Wire & Cable Co., 417 Market St., S. F.
Architect—Washington J. Miller, 417 Market St., S. F.
Contractor—C. B. Davison and N. R. Nicolsen (Davison & Nicolsen), Stockton, Calif.
Filed June 2, 1924. Dated May 27, 1924. 1st and 16th of each month, 75% of value of work. Final payment 36 days after completion.
TOTAL COST, $31,393.00
Bond, yes. Sureties, Globe Indemnity Co. Forfeit, $50 per day. Limit, 60 working days. Plans and specifications filed.
NOTE—Permit reported May 27, 1924 No. 2844.

ALTERATIONS
(2966) NW COR. DURANT AVE. AND Telegraph Ave., Berkeley. Alterations.
Owner — Mary E. Holton (by agent) Wells Fargo Bank & Union Trust Co.
Architect — Gwinn Officer, Berkeley Bank Bldg., Berkeley.
Contractor — Harry C. Smith, 2011 Francisco St., Berkeley.
Filed June 2, 1924. Dated, ——.
Any subcontract within 10 days after completion.
Balance on completion.
TOTAL COST, $3295.00
Bond, sureties, forfeit, none. Limit, 60 days from May 20, 1924. Plans and specifications not filed.
NOTE—Permit reported May 24, 1924 No. 2813.

DWELLING
(2967) 1435 ALLSTON WAY, Berkeley. Dwelling.
Owner—Florence Smith, 2314 Dwight Way, Berkeley.
Architect—None.
Contractor—S. R. Coffee, 1835 Delaware St., Berkeley. $3000

ADDITION AND ALTERATIONS
(2968) 3212 COLLEGE AVE., Berkeley. Addition and alterations.
Owner—Mrs. Phobe Tral, 1442 90th Ave., Oakland.
Architect—None.
Contractor—P. J. Sammers, 475 Rose St., Oakland. $3600

CLINIC AND OFFICE
(2969) 2001 DWIGHT WAY, Berkeley. Clinic and office.
Owner—Dr. L. J. Herrick, 542 Lake Shore Blvd., Oakland.
Architect—None.
Contractor—Dr. L. J .Herrick, 542 Lake Shore Blvd., Oakland. $1200

DWELLING
(2970) 814 REGAL RD., Berkeley. Dwelling.
Owner—Albert Johnson, 1727 Stuart St., Berkeley.
Architect—None.
Contractor—Albert Johnson, 1727 Stuart St., Berkeley. $6000

DWELLING
(2971) N AILEEN ST 120 E SAN PABlo Ave., Oakland. 1-story 4-room dwelling.
Owner—Henry Marchiando, 1090 Aileen St., Oakland.
Architect—None.
Contractor—Angelo Iscardi, 972 Aileen St., Oakland. $3800

STORES & OFFICES
(2972) E BROADWAY 50 N 19TH ST., Oakland. 10-story concrete stores and offices.
Owner—Fisk M. Ray, 460 Straten Ave., Oakland.
Architect—Willis C. Lowe, 782 Monadnock Bldg., San Francisco.
Contractor—Palmer & Clinton, Inc., 782 Monadnock Bldg., San Francisco. $600,000

DWELLING
(2973) 5365 BRYANT AVE., Oakland. 1-story 5-room dwelling.
Owner—P. Canzani, 5365 Bryant Ave., Oakland.
Architect—None.
Contractor—F. Gruenewald, 5358 Bryant Ave., Oakland. $2900

DWELLING
(2974) 3211 DELAWARE ST., Oakland. 1-story 4-room dwelling.
Owner—T. M. Cantelle, 3420 Laurel Ave., Oakland.
Architect—None.
Contractor—A. Anderson, 3935 Whittle Ave., Oakland. $2850

DWELLING
(2975) E 58TH AVE 40 N ROBERTS St., Oakland. 1-story 5-room dwelling.
Owner—W. B. Thomas, 2831 23rd Ave., Oakland.
Architect—None.
Contractor—C. W. Glantz, 4122 E-14th St., Oakland. $4000

DWELLING
(2976) W 59TH AVE 58 N ROBERTS Ave., Oakland. 1-story 5-room dwelling.
Owner—C. W. Glantz, 4122 E-14th St., Oakland.
Architect—None. $4000

DWELLING
(2977) S HEARST AVE 550 E LINcoln Ave., Oakland. 1-story 5-rm. dwelling.
Owner—Louise H. Short, 574 Rosal Av., Oakland.
Architect—None.
Contractor—C. W. Short, 574 Rosal Av., Oakland. $4000

DWELLING
(2978) 3408 LAUREL AVE., OAKland. 1-story 5-room dwelling.
Owner—N. Lukas, 3402 Laurel Ave., Oakland.
Architect—None.
Contractor—A. Anderson, 3935 Whittle Ave., Oakland. $3850

ADDITION
(2979) 3906 LUSK ST., OAKLAND. Addition.
Owner—Peter Hartikainen, 3906 Lusk St., Oakland.
Architect—None. $2250

DWELLINGS (2)
(2980) 3214-3220 MONTANA STREET. Oakland. Two 1-story 4-room dwellings.
Owner—N. Lukas, 3402 Laurel Ave., Oakland.
Architect—None.
Contractor—A. Anderson, 3935 Whittle Ave., Oakland. $2850 each

DWELLINGS (2)
(2981) E 106TH AVE 150 N FOOThill Blvd. W 106th Ave 150 N Foothill Blvd., Oakland. Two 1-story 5-room dwellings.
Owner—McAnulty Bros., 106th Ave & Foothill Blvd., Oakland.
Architect—None. $3000 each

ALTERATIONS AND ADDITION
(2982) 3624 PARK BIULEVARD, Oakland. Alterations and addition.
Owner—M. Cianciarulo, 314 Sheridan Ave., Piedmont.
Architect—None.
Contractor—John Perona, Builders Exchange, Oakland. $8000

DWELLING
(2983) E 70TH AVE 800 N E-14TH St., Oakland. 1-story 5-room dwelling.
Owner—Clyde Bowling, 9404 Almond St., Oakland.
Architect—None. $3500

DWELLING
(2984) W 77TH AVE 634 N E-14TH St., Oakland. 1-story 5-room dwelling.
Owner—Smith & Wilson, 4428 E-14th St., Oakland.
Architect—None. $3000

DWELLING
(2985) S 35TH ST 150 W MARKET St., Oakland. 1-story 6-room dwelling.
Owner—E. M. Chiesal, 911 35th St., Oakland.
Architect—A. J. Yerrick, 5255 College Ave., Oakland. $3500

DWELLING & STORE
(2986) E 35TH AVE 100 N FOOTHILL Blvd., Oakland. 1-story 5-room dwelling and store.
Owner—Geo. Smith, 3850 Patterson Av., Oakland.
Architect—None. $3500

DWELLING AND GARAGE
(2987) 1385 E 33RD ST., OAKLAND. 1-story 6-room dwelling and gar.
Owner—Jos. Flittner, 1700 35th Ave., Oakland.
Architect—None. $4300

FIRE REPAIRS
(2988) 58 VERNON STREET, OAKland. Fire repairs.

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY
(THE SAN FRANCISCO BANK)
SAVINGS COMMERCIAL
INCORPORATED FEBRUARY 10th, 1868.
One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.
Member Associated Savings Banks of San Francisco
526 California Street, San Francisco, Cal.
DECEMBER 31st, 1923
Assets..... $89,174,468.57
Capital, Reserve and Contingent Funds..... 3,850,000.00
Employees' Pension Fund..... 430,275.37
MISSION BRANCH.....Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....Haight and Belvedere Streets
WEST PORTAL BRANCH.....West Portal Ave. and Ulloa St.
Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

Owner—J. C. Talbot, 58 Vernon Street, Oakland.
Architect—None.
Contractor—E. A. Larsen, 548 20th St., Oakland. $1590

DWELLING & GARAGE
(2989) 301 WARWICK AVE., OAKland. 1-story 6-room dwelling & garage.
Owner—C. J. Pfrang, 480 Forest St., Oakland.
Architect—None. $6250

ALTERATIONS
(2990) 1804 CENTRAL AVE., Alameda. Alterations and addition to residence.
Owner—J. Hobrecker, Jr.
Architect — Edwin T. Symmes, First National Bank Bldg., S. F.
Contractor—S. Glanone.
Filed June 3, 1924. Dated May 16, 1924.
Roof on $2500
Plastered 2500
Completed 2500
Usual 35 days 2500
TOTAL COST, $10,000
Bond, yes. Sureties, New Amsterdam Casualty Co. Forfeit, none. Limit, 120 days. Plans and specifications filed.

INDUSTRIAL BLDG.
(2991) TOWN OF EMERYVILLE. General contract for one-story industrial building.
Owner—Letts-Oliver Inv. Co., 1540 San Pablo Ave., Oakland.
Architect—R. Vane Woods, 17th and Telegraph, Oakland.
Contractor—H. J. Christensen, 505 17th St., Oakland.
Filed June 3, 1924. Dated June 2, 1924.
1st of each month, of total cost of labor and material 75%
Usual 35 days 25%
TOTAL COST, $28,600.00
Bond, sureties, none. Forfeit, $1,00 per day. Limit, 60 working days. Plans and specifications filed.

LAUNDRY BLDG.
(2992) POR. BLK. 38, Higleys Map of Clinton. General contract for 2-story hollow tile and pressed brick laundry building.
Owner—Lim Sam.
Architect—None.
Contractor—J. T. Kingrea, 4116 Terrace, Oakland.
Filed June 3, 1924. Dated ——.
2nd floor joists on 25%
2nd story up 25%
Completed 25%
Usual 35 days 25%
TOTAL COST, $4983.
Bond, yes. Sureties, Globe Indemnity Co. Forfeit, none. Limit, 45 working days. Plans and specifications filed.

DWELLING
(2993) 2440 ACTON, Berkeley. Dwelling.
Owner—J. Kendall, 2127 Blake St., Berkeley.
Architect—None.
Contractor—L. A. Peters, 3485 Davis St. Oakland. $2245

STORES
(2994) 2526-28-30-32 BANCROFT, Berkeley. 4 stores.
Owner—W. Cranston, Alexander Bldg., San Francisco.
Architect—Powers & Ahnden, Italian-American Bank, San Francisco.
Contractor—Cahill Bros., Sharon Bldg., San Francisco. $10,000

DWELLING
(2995) 3017 BATEMAN, Berkeley. Dwelling.
Owner—Mary Tyrrell, 971 Kirkham St. Oakland.
Architect—R. C. Sisson, 548 Boulevard Way, Oakland.
Contractor—L. A. Peters, 3845 Davis St Oakland. $4605

DWELLING
(2996) 1929 FRANCISCO, Berkeley. Dwelling.
Owner—Mrs. Peugh, 1927 Francisco St., Berkeley.
Architect—None.
Contractor—C. H. Peugh, 1927 Francisco St., Berkeley. $1000

RESHINGLE
(2997) 1427-29 OXFORD ST., Berkeley Reshingle.
Owner—Bertha Pope, 1427 Oxford St., Berkeley.
Architect—None.
Contractor—C. Wright, 2716 Telegraph Berkeley. $1200

DWELLING
(2998) 1719 SACRAMENTO, Berkeley. Dwelling.
Owner—A. Nisha, 2133 Byron St., Berkeley. Dwelling.
Architect—None.
Contractor—A. Nisha, 2133 Byron St., Berkeley. $2400

DWELLING
(2999) 620 SAN MIGUEL, Berkeley. Dwelling.
Owner—Alice North, Euclid Ave., Berkeley.
Architect—None.
Contractor—E. Atkinson, 2735 Grove St. Berkeley. $3750

DWELLING
(3000) 485 CAVOUR ST., Oakland. 2-story 7-room dwelling.
Owner—Max Mauri, Oakland.
Architect—None.
Contractor—E. W. Woodard, 435 Merritt Ave., Oakland. $6000

DWELLING
(3001) N FORTY-SIXTH ST. 200 E Market St., Oakland. 1-story 6-rm. dwelling.
Owner—Vincenzo Negro, 1430 Cypress St., Oakland.
Architect—None.
Contractor—Pio Benassini, 5111 Miles Ave., Oakland. $5550

DWELLING
(3002) 3523 GALINDO ST., Oakland. 1-story 6-room dwelling.
Owner—Mrs. Augusta Duhem, 3577 Galindo St., Oakland.
Architect—None.
Contractor—L. A. Peters, 3475 Davis St., Oakland. $3300

DWELLINGS
(3003) 5600 6506 HARMON AVENUE, Oakland. 2 1-story 4-room dwlgs.
Owner—J. S .Biven, City Hall, Oakland
Architect—None.
Contractor—L. A. Peters, 3485 Davis Street, Oakland. $2250

DWELLING
(3004) 3325 HOPKINS ST., Oakland. 1-story 5-room dwelling.
Owner—J. A. Lidell, 6054 Outlook Ave., Oakland.
Architect—None. $3500

DWELLING
(3005) N HYDE ST. 246 E Fruitvale Ave., Oakland. 1-storl 4-room dwlg.
Owner—Wm. Razle, 2179 38th Ave., Oakland.
Architect—None.
Contractor—M. Schwind, 1636 63rd St., Berkeley. $4000

DWELLING
(3006) E LAGUNA AVE. 5o6 S Madeline St., Oakland. 1-story 3-rm. dwelling.
Owner—Warren J. Sheppard, 1328 East 27th St., Oakland.
Architect—None. $1000

DWELLING
(3007) S MANDANA BLVD. 520 W Carlson, Oakland. 1-story 6-room dwelling.
Owner—W. H. Sohst, 2720 Broadway, Oakland.
Architect—None.
Contractor—W. F. Lynn, 208 Commercial Bldg., Oakland. $5500

DWELLING
(3008) E NINETY-FOURTH AVE. 50 N Cherry St., Oakland. 1-story 5-room dwelling.
Owner—James D. Johnstone, 1810 94th Ave., Oakland.
Architect—None. $3000

DWELLING
(3009) S PINEHAVEN RD., Forest Park, Oakland. 1-story 5-rm dwlg.
Owner—Wickham Havens Inc., 15th & Franklin Sts., Oakland.
Architect—None.
Contractor—E. W. Woodard, 435 Merritt Ave., Oakland. $4000

DWELLING
(3010) W PORTAL AVE. 250 N Ashmont Ave., Berkeley. 2-story 7-rm. dwelling.
Owner—Emma Cords, 2270 Telegraph Ave., Oakland.
Architect—None.
Contractor — Alfred Cords, 2270 Telegraph Ave., Oakland. $7000

RESIDENCE & STORE
(3011) SW COR. FIFTY-FIFTH AVE. and Bond St., Oakland. General contract for 2-story frame and cement residence and store.
Owner—Vincent Laurencik, Oakland.
Architect—Cal. Bldrs. Co., 1534 Franklin St., Oakland.
Contractor—Calif Bldrs. Co., Oakland.
Filed June 4, 1924. Dated Feb. 20, 1924.
$3000 cash and balance in accordance with the rules of the Citizens Bldg. and Loan Assn.
TOTAL COST, $8500
Bond, $—; Sureties, Globe Indemnity Co.; Forfeit, none; Limit, 100 days from commencement of work; Plans and specifications filed.

SUMMARY OF APPLICATIONS FOR BUILDING PERMITS IN CITY OF OAKLAND FOR THE MONTH OF MAY, 1924

Classification of Bldgs.	No. of Permits	Cost
1-story dwellings.....	292	$ 850,905
1-st dwelling & store..	2	12,000
1-st 2-family dwelling.	11	67,240
1½-st dwellings.....	2	11,000
2-st dwellings.....	15	110,900
2-st flats.....	2	18,000
2-st flats & stores.....	3	34,400
2-st apartments.....	12	161,500
3-st apartments.....	1	24,000
1-st stores.....	8	41,800
1-st warehouse.....	3	10,550
1-st office.....	8	4,700
1-st greenhouse.....	1	1,500
2-st warehouse.....	1	1,600
2-st church.....	1	35,000
1-st tile dwelling.....	1	3,500
1-st tile garage.....	4	3,500
1-st tile shop.....	2	2,750
Tile addition.....	1	890
1-st brick stores.....	2	17,632
1-st brick office.....	2	7,500
1-st brick garage.....	1	1,398
2-st brick creamery....	1	39,000
2-st brick cleaning wks	1	5,000
3-st brick apartments..	2	87,000
3-st brick stores.....	1	58,000
17-st brk bk bldg Add'l cost		200,000
Brick addition.....	1	[illegible]
1-st brick & tile garage	1	18,000
1-st brick & tile stores and offices.....	1	11,500
1-s brk & conc. factory	1	42,000
1-st concrete garage...	3	[illegible]
2-st conc sub-station...	1	60,000
2-st con factory & whse	1	[illegible]
1-st garages & sheds...	242	50,532
Billboards	38	788
Electric signs.....	58	12,975
Roof signs.....	3	1,805
Incinerator	2	3,000
Platform	1	4,590
Additions	110	74,645
Alterations & repairs...	170	129,433
Total	1013	$2,241,383

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Amount

May 29, 1924—LOTS 5 AND 6 BLK "M" Map of Oakland Highlands, Oakland. Herbert C Cameron to whom it may concern.....

May 29, 1924—LOT 106 BLK 16, Amended Map of Havenscourt, Oakland. Fred Krohn to whom it may concern.....May 28, 1924

May 29, 1924—LOT 29 BLK "F" Alton Park, Oakland. Max and Manna K Krygell to whom it may concern .....May 24, 1924

May 29, 1924—LOT 7 BLK "V" Map No. 2 Sbdvn of Central Oakland Tract, Oakland. James H Young to whom it may concern.May 28, 1924

May 29, 1924—LOT 25 BLK 2, Dwight Way Terrace, Oakland. G W Owens to whom it may concern.. .....May 24, 1924

May 29, 1924—LOT 2 BLK 8, Thousand Oaks Tract, Oakland. Helen C Broderick to The Roy O Long Co.....May 27, 1924

May 29, 1924—LOT 11 and Ptn Lot 12 Blk 11, Sheet No. 2, Havenscourt, Oakland. Chester S and Edna V Nichols to whom it may concern.....May 28, 1924

May 28, 1924—NO. 4401 E-TENTH ST. Oakland. R C Hoyt to whom it may concern.....May 28, 1924
May 28, 1924—PTN LOTS 40 AND 41 Map of Bay Side Tract, Oakland. R E Burns to Alfred Peterson..... .....May 20, 1924
May 31, 1924—LOT NO. 8 Map A L Peralta's Sub of Blk 6, Original Town Plot of San Leandro. M D Soares to J McGord.....May 29, 1924
May 31, 1924—SE 24 LOT 3 and NW 15 Lot 4, Ellen Stott's Tract No. 2, Oakland. H K Stolberg to Peter A Lofgren.....May 3, 1924
May 31, 1924—PTN LOTS 2 AND 4 Blk F, Amended Map of Salinger Tract, Oakland. Albert J Grubbs to E J McCord.....May 28, 1924
May 29, 1924—NO. 654 SIXTY-THIRD St., Oakland. Dagny L Zamm to J W Monroe..... .....May 27, 1924
May 29, 1924—SE LOTS 25 AND 26 Blk P, Amended Map of Moss Tct, Oakland. Carl Anderson to Jos Flittner.....May 28, 1924
May 29, 1924—W PRESLEY WAY 4 N Shafter Ave, Oakland. Mary Buckley to L T Brewer..May 28, 1924
June 3, 1924—POR. LOT 1, BLK. E Excelsior Heights. Henry Ruedy to S. A. Warner .....May 24, '24
June 3, 1924—LOT 32, IMPERIAL Heights. Christiana Millett to C. R. Squires and Thomas P. Martin .....June 2, '24
June 3, 1924—LOT 3, THE VIEW Tract. S. Victor Davidow to——. .....June 3, '24
June 3, 1024—3264 THOMPSON AVE., Oakland. Lydia A. Lee to Samuel Lee .....May 20, '24
June 3, 1924—N ST. COR. 11TH AND Washington St. The China Toggery, (J. Shoong & Co), to George W. Anderson .....May 24, '24
June 2, 1924—4460 PIEDMONT AVE., Oakland. I. Rabinowitz to A. Ortzow .....May 28, '24
June 2, 1924—CITY OF OAKLAND. Mabel H. Jacobs to J. B. Mortenstein .....June 2, '24
June 2, 1924—1068 CENTRAL AVE., Alameda. Julius J. Grodem to——. .....——.
June 2, 1924—W 40 OF LOT 1, BLK. 18, Map of resubdivision of Broadmoor. J. P. Cummins and L. J. White to Oakland Home Builders Co., Inc. .....June 2, '24
June 3, 1924—BEG. AT PT. ON S line of Carrison St., Dis. Westerly 117-ft. from W line of Acton St. running thence W 38, thence S 124 thence E 38, thence N 124 to beg. Minnie Schroeder to A. G. Schroeder .....June 3, '24
June 3, 1924—ALL OF LOTS 9 TO 21 inc., blk. C, map No. 2 of the Garden Tract Homestead. Oakland Bldg. & Mhg. Co., to Schuler & McDonald .....May 31, '24
June 2, 1924—EASTERN 50 FT. OF Lot 5, Blk. 6, Daly's Scenic Park Tract. E. Teicheira to E. Teichira ..... May 28, 1924
June 2, 1924—LOT 31, BLK. 2, Map of the Martin Kellogg Property. Laura Culver to E. Telcheira..... ..... May 26, 1924
June 2, 1924—2041 ENCINAL AVE. J. Hauschild to Charles W. Falk ..... May 31, 1924
June 2, 1924—POR. LOT. 21, BLK. 3, Amended Map of Thousand Oake Court. M. Myrtle Ristenpart to J. Harry Smith ..... May 29, 1924
June 2, 1924—LOT 37, BLK. 17, Electric Loop Tract. Charles H. Kaeck to whom it may concern..May 29, '24
June 2, 1924—LOT 15, MAP OF MARshall & Diggs Tract, Berkeley. Mabel M. Bramlage to E. D. Bramlage ..... May 31, 1924
June 2, 1924—W POR. OF LOT 3, Blk. A, Map of Toler Heights. Maud Vierra to Vige Lambrecht ..... May 26, 1924
June 2, 1924—LOT 23, BLK. 3, Key Route Terrace. Vivian L. Bailey to R. C. Woodburn ....May 31, 1924
June 2, 1924—S ½ of LOT 5, MAP of Dutton Manor. David Stromberg to whom It may concern.. ..... May 10, 1924
May 31, 1924—LOT 7 AND SW ½ OF Lot 6, Blk. W, Iveywood, Oakland. L. B. Quinby to whom it may concern ..... May 29, 1924
May 31, 1924—LOT 77, Map Piedmont by-the-Lake, Oakland. E E Ferrier to whom it may concern.... .....May 27, 1924
June 3, 1924—LOT 37.6x100 FT. E side of Stannage Ave 175 S of Page St., Berkeley. Harry Preiss to whom it may concern....June 3, 1924
June 4, 1924—POR LOT 19 "RIDGEwood Oakland". Otto Frederickson to F. C. Stolte.....June 1, 1924
June 4, 1924—POR LOTS 6 & 7 BLK W Map No. 2 of Sub-division of Central Oakland Tract. Lewis and Mitchell Inc. to Sam C. Walker.... .....June 2, 1924
June 4, 1924—S 45 FT. OF LOT 51 Blk 8 Map of North Cragmont, Berkeley. E. N. Bertheaud and Adalaids Bertheaud to whom it may concern .....June 3, 1924
June 4, 1924—BEG. AT A POINT ON the N Line of Addison St. 133¼ ft E from McGee thence 33⅓ ft E thence 138 ft N thence 33⅓ ft W thence 138 ft S to point of beg. Rudolph J. Dieden to F. A. Stokes .....May 31, 1924

LIENS FILED

ALAMEDA COUNTY

May 29, 1924—W 55 FT. LOTS 14 & 15 Blk 344, Templeton Tract, Oakland. E A Byers vs Margaret Ananos, Horatio R Ananos and Geo M Merritt Bldg Co.....$110.20
May 29, 1924—LOTS 4, 5 AND 6 BLK "M", Oakland Highlands, Oakland. Henry Leyten vs Herbert C Cameron $439.75
May 29, 1924—LOTS X, Y AND Z, Map —, Blk. —. Sunset Hardware Co. vs. A. Tolnboff, M. Pestrovo and Geo. F. Balliet $25.60
May 29, 1924—LOT 3, 7, PROPERTY College Homestead Association. National Mill and Lumber Co. vs. F. W. Mauris, Wilhelmina Gibbe and Mrs. Catherine Black...$442.58
June 3, 1924—LOT 8 BLK 3, Map Resbdvn of Blks 9, 10, 12, 13 and 14 and Ptn Lot 16, Rockridge Terrace, Oakland. California Elec. Constr Co vs Frank B & Mary H Knowlton and interlocking Cement Tile Co $141
June 3, 1924—LOT 9 Resbdvn of Ptn of Highland Court, Piedmont. Jos Boeddeke vs Frank J & Josephine K Glunk $2917.80
June 3, 1924—NO. 1321 BERRYMAN St., Berkeley. G Leone vs France Gayetti and J A White.....$125
June 2, 1924—BEG. AT A POINT ON E Line of Walnut St., dist. thereon 100 ft. S from S line of Berryman Path running thence S 35 ft. thence easterly 125-4/10 ft. thence N 35 ft. thence to Pt. of beg. P. E. Marquis vs. Alice Chittenden..$1000.
June 2, 1924—POR. LOT 6, BLK.2041 Map of the Knowland Tract. W. W. Bradford vs. Jeannette and Jesse C. Trakler, Geatano Deliso and S. Weedman $63.75
June 2, 1924—LOT 2, BLK. 24, Havenscourt. P. H. Blake vs. Adolph and Jens. Mangers .....$1780.
June 2, 1924—LOT 8, BLK. 24, North Alameda Tract. Zenith Mill & Lumber Co. vs. Augusta Ferreira and Isadore Souze $237.73
June 4, 1924—LOT 8 BLK 3 RE SUB of Blks 9 to 14 inc. and Por. of Blk 16 Rockridge Terrace. C. H. Prinz vs Frank B. and Mary H. Knowlton, Interlocking Cement Tile Co. $53.90
June 4, 1924—LOT 8 BLK 3 RE SUB of Blks 9 to 14 inc. and Por. of Blk. 16 Rockridge Terrace. Henry Cowell Lime and Cement Co. vs Frank B. and Mary H. Knowlton, Interlocking Cement Tile Co.....$347.79
June 4, 1924—6167 CONTRA COSTA Road, Oakland. E. R. Burris vs Frank B. and Mary H. Knowlton, Interlocking Tile & Cement Co. $65.20
June 4, 1924—LOT 8 BLK 3 RE SUB of Blks 9 to 14 inc. and Por. of Blk. 16 Rockridge Terrace. University Hardware Co. vs Frank B. and Mary H. Knowlton, Interlocking Cement Tile Co. $134.41
June 4, 1924—2863 GEORGIA ST., Oakland. Hogan Lumber & Mill Co vs Albert N. Olson and Mary A. Mulrooney and J. R.....$161
June 4, 1924—LOT 16 BLK A COUNTry Club Acres. Oakland Building Material Co. vs Cora M. Campbell and Wallace Clark $42.70
June 4, 1924—LOT 8 BLK 3 RESUB division Lot 9-14 inclusive and portion of blk 16, Rockridge Terrace. D. W. Durant vs Frank W. Knowlton and Interlocking Cement Tile Co. $433.50
June 3, 1924—LOT 8 BLK 3, Resubdivision Lots 9 to 14 inclusive Ptn Blk 16, Rockridge Terrace, Oakland. Simpson Mfg Co, $28; Thos. Day Co, $219.79; Hall Gas Furnace Co. $471; H Aronsen, $240; Robert Howden & Sons, $91.65; The Hoosier Store, $25.34; Sunset Lumber Co, $1280.12; Maxwell Hardware Co, $53.67; R O Torr, $375; Pacific Metal Products Co, $76.35 vs Frank B and Mary H Knowlton and Interlocking Cement & Tile Co.....
June 3, 1924—PTN LOTS 14, 15 AND 16, Map Fourth Ave Court, Oakland. R E Yoemans and E R Beverly vs Gregorio Artieda and Helen Sweet Artieda.....$873.22

RELEASE OF LIENS

ALAMEDA COUNTY

May 28, 1924—PTN LOTS 6 AND 7 May No. 2, Glenn Echo Tract, Oakland. Fred Starr to Mary E Bennett $648.35
May 27, 1924—POR. LOT 4, BLK. 5, in Villa Lot, otherwise 2228 Chapel St., Berkeley. F. E. Allen to Laura M. Ridings $1146.24
May 26, 1924—LOT 23, FULLER & Todd Tract. L. R. Butler, $129.60; Cooley Hardware Mfg. Co., $70.00; Rober Paint Co., $21.45; to Grace Hickok .....
June 4, 1924—E SIDE E TWENTYseventh St. about 476 E of 13th Ave. Harry Larsen to H. A. Rusco $1144.10
June 4, '24—S SIDE OF E TWENTYseventh St. about 476 E of 13th Ave. Leo Brisacher to H. A. Rusco $101
June 4, 1924—LOT 19 AND W 15 FT. of lot 20 Map Hogan Sub Div. Blk 87 Highland Park. Duner-Matheny Sash & Door Co. to W. A. Rusco, E. J. McCord $392.52
June 4, 1924—LOT 19 and W 15 FT of Lot 20 Map Hogans Subdivision Blk 87 Highland Park. Lee Immel to E. J. McCord $319.30
June 4, 1924—LOT 19 & W 15 FT OF Lot 20 Map of Hogans Subdivision Blk 87 Highland Park. Guy D Stone $936.60; Raymond E. Ford, $132; Ambrose Bros., $275 to Bell Rusco and E. J. McCord .....
May 31, 1924—LOT 28 BLK 3, Berkeley Square, Berkeley. Tilden Lumber Co to H K Shulz & Henry P Smith $409.77

BUILDING CONTRACTS

SANTA CLARA COUNTY

COTTAGE
LOT 7 and S ½ of Lewis Addition, County of Santa Clara. All work for four-room cottage.
Owner—H. A. May, 296 Page St., San Jose.
Architect—None.
Contractor—S. De Cola, 511 Empire St., San Jose, and E. E. Weldon, 115 N-33rd St., San Jose.
Filed May 28, '24. Dated May 28, '24.

Frame up	$753
1st coat plaster on	753
Cottage completed	753
Usual 35 days	753
TOTAL COST,	$3012

Bond, none. Limit, 60 days from May 28, 1924. Forfeit, none. Plans and specifications filed.

ALTERATIONS
NO. 228 S-FIRST ST., San Jose. All work for alterations and repairs and electrical work for two-story theatre building.
Owner—West Coast Theatres, Inc., of Northern California, 134 Leavenworth St., San Francisco.
Architect—None.
Contractor—M. E. Hooper & Sons, 1117 Webster St., Oakland.
Filed May 29, '24. Dated May 28, '24.

June 21	$2000
June 27	2000
July 12	2000
July 26	1600
TOTAL COST,	$7600

Bond, none. Limit, within 30 working days. Forfeit, none. Plans and specifications filed.

BANK
NW FRANKLIN AND WASHINGTON Sts., W 53x90 ft., Part Lot 8 Blk 1, North Range 1 West, Town of Santa Clara. All heating, setting of radiators and boiler for remodeling Mercantile Trust Company's Bank at Santa Clara.
Owner—Mercantile Trust Co. of Calif., 464 California St., San Francisco.
Architect—None.
Contractor—Wm. Ehlert, 1000 Alameda St., Santa Clara.
As work progresses..... 75%
36 days after.....Balance
TOTAL COST, $1160
Bond, none. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

EXCAVATING, ROUGH CARPENTER work, etc., on above.
Contractor—C. W. Cook and H. L. Jorgensen, San Jose.
Filed May 29, '24. Dated May 22, '24.
Payments same as above.....
TOTAL COST, $3734
Bond, none. Limit, 60 working days. Forfent, none. Plans and specifications filed.

ALL INTERIOR & EXTERIOR FURring, lathing, plastering, patching, etc., on above.
Contractor—M. W. Ovehhulse, 246 Vine St., San Jose.
Filed May 29, '24. Dated May 22, '24
Payments same as above.....
TOTAL COST, $2551
Bond, none. Limit, 30 working days. Forfeit, none. Plans and specifications filed.

CUTTING & LAYING BRICK WORK on above.
Contractor—H. B. Jackson, Monterey Road, California.
Filed May 29, '24. Dated May 22, '24.
Payments same as above.....
TOTAL COST, $1600
Bond, none. Limit, 20 working days. Forfeit, none. Plans and specifications filed.

ALL LABOR AND MATERIAL FOR electric work, including permits, etc., on above.
Contractor Fred Doerr (as Garden City Electric Co.), 44 W-San Fernando St., San Jose.
Filed May 29, '24. Dated ——.
Payments same as above.....
TOTAL COST, $715
Bond, none. Limit, 90 working days. Forfeit, none. Plans and specifications filed.

ALL ROUGH AND FINISH PLUMBING work on above.
Contractor—Bruce MacDonald, 109 S-Market St., San Jose.
Filed May 29, '24. Dated May 22, '24.
Payments same as above.....
TOTAL COST, $503
Bond, none. Limit, within 60 working days. Forfeit, none. Plans and specifications filed.

SCHOOL
LOT IN WILLOW GLEN SCHOOL District being on W Lincoln Ave. S Minnesota Ave., San Jose. All work for two-story school building
Owner—Willow Glen Grammar School District, Lincoln and Minnesota Aves., San Jose.
Architect—Wyckoff & White, Growers Bank Bldg., San Jose.
Contractor—John D. Carlson, 235 Sierra Ave., San Jose.
Filed May 31, '24. Dated May 26, '24.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $88,156
Bond, $44,078. Surety, Fidelity & Casualty Co. of New York. Limit, 178 working days from May 26, 1924. Forfeit, none. Plans and specifications filed.

DWELLING
COLERIDGE AVE 150 NE Webster St., South Palo Alto. All work for two story dwelling and garage.
Owner—Dr. Graham H. Stuart.
Architect—None.
Contractor—C. A. White, 915 Waverly St., Palo Alto.
Filed June 2, '24. Dated Mar. 24, '24.
Foundation completed $2579.15
Frame up 2579.15
Completely plastered..... 2579.15
Usual 35 days..... 2579.15
TOTAL COST, $10,316.60
Bond, none. Limit, 120 days from March 24, 1924. Forfeit, none. Plans and specifications filed.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
May 27, 1924—LOT 1 BLK 8 R 5 S Snow & Pettis Addition, San Jose. E H and Albert Tucker to whom it may concern.....May 23, 1924
May 22, 1924—NE MARKET AND ST. John Sts., San Jose. Michele, Blase, Joseph Blase, Antony A Blase and F Cianciarulo to Percy Sherhurne .....May 27, 1924
May 29, 1924—PTN LOT 7 BLK 21, Chapman & Davis Tract, San Jose. Frank F Ferreira to whom it may concern.....May 29, 1924
May 31, 1924—PTN LOT 11, Rhodes Homestead, San Jose. A M and Cora M Elliott to whom it may concern.....May 31, 1924
May 31, 1924—LOT 22 Myrtle Park, San Jose. Bert Gamble to whom it may concern.....May 26, 1924
May 31, 1924—PTN LOT 1 BLK 15, Chapman & Davis Tract, San Jose. George H Cole to Main & Evans.. .....May 29, 1924
June 2, 1924—LOT 28 BLK 8, Town of Los Altos 1. Theresa M Petar to whom it may concern...May 22, '24
June 2, 1924—LOT 11 BLK 9, Seale Add'n, Palo Alto. Lilian Rounsefill to Gibson & Sons.....May 10, 1924
June 2, 1924—LOT 36, Schiele Sub 2, San Jose. Leonard B and Christine Stenerson to whom it may concern .....May 31, 1924
June 3, 1924—LOT 29 BLK 46, Palo Alto. L A Bachelder to whom it may concern.....June 2, 1924
June 3, 1924—LOT 48 V. A. Hancock Sub 1, San Jose. Frankie E Emerson to whom it may concern..... .....June 3, 1924
June 3, 1924—SE LINCOLN AVE and NE Guinda St. NE on Lincoln 50 ft L SE 150 ft. L SW 50 ft. to Guinda St. NW on line 150 ft. to beg, Part Block 96, Palo Alto. Jno Dudfield to whom it may concern..June 2, 1924
June 3, 1924—ADJ. PALO ALTO Union High School, Palo Alto. Board of Trustees of the Palo Alto Union High School District to Anton Anderson.....May 23, 1924
June 4, 1924—LOT 40, Washington Subdivision, San Jose. Edward and Adeline Delmaestro to whom it may concern.....June 3, 1924
June 4, 1924—LOT 3 BLK 7 R 5 S Snow & Pettis Addition, San Jose. Rulon V Pearson to whom it may concern.....June 4, 1924
June 4, 1924—NO. 26 S-EIGHTH ST., San Jose. Samuel B Wright to whom it may concern...June 4, 1924

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
May 31, 1924—W SETTLE AVE dist S 725.135 ft. S Willow St. SW 326.266 ft. NW 67 ft. L SE 326 ft. th 66 ft. to beg., San Jose. Herbert Galipo vs M Mule.....$135
June 3, 1924—59.135 ACRES LAND in Sect. 28 Tp 6 S R 2 W, San Jose. E E Garrison to John T Stoll....$1033
June 4, 1924—LOT 2 Christina Sub 1, San Jose. The Minton Co vs J V Andrews $123.86

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

CONTRACT CANCELLED

The following contract recorded in Santa Clara County, May 26, 1924, has been cancelled and notice of cancellation filed with the Santa Clara County Recorder's Office on June 3:
RESIDENCE
N MIDDLEFIELD ROAD, bet. Lincoln and Addison Aves., Blk 88, Palo Alto. All work for one-story residence.
Owner—Lloyd J. Allen, Palo Alto.
Architect—Birge M. Clark, 600 Embarcadero Road, Palo Alto.
Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.
Filed May 26, '24. Dated May 24, '24.
Frame completed $1359.75
Plumbing and electrical work in and brown coated..... 1359.75
Work completed 1359.75
Usual 35 days..... 1359.75
TOTAL COST, $5439.00
Bond, $3000. Sureties, John Dudfield & Joseph A. Jury. Limit, 75 days after May 26, 1924. Forfeit, none. Plans and specifications filed.

BUILDING CONTRACTS

SACRAMENTO COUNTY

$2,500 and Over Reported

STORE BLDG.
NE TWENTY-EIGHTH AND J STS., Sacramento. All work for store building.
Owner—Born Bros.
Architect—None.
Contractor—Chas. S. Mabrey Co. and L. G. Barton.
Filed May 26, '24. Dated May 26, '24.
TOTAL COST, $11,457
Bond, limit, forfeit, none. Plans and specifications filed.

BUNGALOW
ISLETON. All work for one-story bungalow.
Owner—Gardiner Imp. Co.
Architect—None.
Contractor—B. F. Meyers.
TOTAL COST, $1894.50

DWELLING, 5-room and garage, $3500; No. 3608 Y St., Sacramento; owner, Dr. C. J. Tolton, Physicians Bldg., Sacramento; contractor, E. Thomas, 2021 24th St., Sacramento.
REINFORCE concrete in 6-story building, $51,000; No. 1201 L St., Sacramento; owner, B. S. Berry, San Francisco.
DWELLING, 5-room and garage, $2800 No. 4918 10th Ave., Sacramento; owner, W. D. McKoy, 3031 E St., contractor, H. G. Birdsall, 1516 27th St., Sacramento.
DWELLING, 5-room and garage, $2800; No. 4932 10th Ave., Sacramento; owner, W. D. McKoy; contractor, H. G. Birdsall.
RAISE house and install store and 2 flats on lower floor and build woodshed, $3200; No. 826 P St., Sacramento; owner, P. Peluso, 726 P St., Sacramento; contractor, H. G. Birdsall, 1516 27th St., Sacramento.
DWELLING, 5-room and garage, $3200 owner, C. A. Simmons, 2901 C St., Sacramento.
DWELLING, 7-room, and garage, $5200 840 38th, Sacramento; owner, Mrs. C. H. Owens, 1617 P, Sacramento; contractor, E. R. Beebe, 916 38th, Sacramento.
DWELLING, 5-room, and garage, $3000 2030 24th, Sacramento; owner, F. Sarmento, 2116 18th, Sacramento.
DWELLING, 6-room and garage, $7500 2926 25th, Sacramento; owner, F. W. Thomas, John Breuner Co., Sacramento.
DWELLING, 5-room and garage, $5000 3200 Cutter Way, Sacramento; owner, A. C. Brown, 2331 D, Sacramento; contractor, W. V. Whitsell, Fair Oaks, Sacramento.
DWELLING, 5-room, and garage, $3800 440 H, Sacramento; owner, J. W. Newhart, 4448 H, Sacramento.
DWELLING, 4-room, and garage, $2700 324 33rd, Sacramento; owner, Geo. Tetlow, 2913 34th, Sacramento.
INSTALL two 4-room flats on lower floor, $3600; No. 2213 N St., Sacramento; owner, E. A. Flanagan, Premises; contractor, C. Vanina, 2022 M St., Sacramento.

DWELLING, one-story 6-room and garage, $2500; No. 5341 V St., Sacramento; owner, B. F. Jacobs, 5317 V St., Sacramento.

DWELLING, one-story 6-room and garage, $2500; No. 2180 Gerber Ave., Sacramento; owner, A. D. Schenken, 1815 H St., Sacramento.

STORE building, 1-stor 3-stores, $11,457; No. 2801-15 J St., Sacramento; Owner, Born Bros., 2730 J St., Sacramento; contractor, Chas. Mabrey, Ochsner Bldg., Sacramento.

GAS holder, concrete and steel, $35,000; Front and N Sts., Sacramento; owner, Pacific Gas & Electric Co.; contractor, Bartlett Hayward Co., 116 T St., Sacramento.

DWELLING, 1-story 6-room and garage, $5500; No. 1215 43rd St., Sacramento; owner, E. G. Twogood; contractor, E. D. Brier, 2809 S St., Sacramento.

STORAGE house and tanks, $22,218; W. P. Shops, Sacramento; owner, W. P. R. R.; contractor, W. A| Bechtel, San Francisco.

DWELLING, 2-story 7-room and garage, $4000; No. 4017 Miller Way, Sacramento; owner, Mrs. C. Hutchinson, 815 17th St., Sacramento; contractor, N. H. Lund, 4702 14th St., Sacramento.

DWELLING, 6-room and garage, $4000; No. 1454 41st St., Sacramento; owner, E. M. Reagh, 925 P St., Sacramento.

DWELLING, 2-story 7-room and garage, $9800; No. 2915 25th St., Sacramento; owner, Frank Maloney, 3172 J St., Sacramento.

DWELLING, 4-room and garage, $2900; No. 4072 11th Ave., Sacramento; Owner, A. R. Tyler, 4056 11th Ave., Sacramento.

DWELLING, 4-room and garage, $3000; No. 5509 Folsom Blvd., Sacramento; owner, C. H. Wainscott, 3858 H St., Sacramento.

DWELLING, 5-room and garage, $2500; No. 5040 12th St., Sacramento; owner, Andrew Hartwig, 2332 Castro Way, Sacramento.

DWELLING, 5-room and garage, $3500; No. 1430 U St., Sacramento; owner, John Rikala, 1530 M St., Sacramento; contractor, F. M. Corey, 1423 F St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
May 27, 1924—LOT 20, Meister Tract exc. N 4 ft Sacramento. Frederick A and Annabelle Boitano to whom it may concern.....May 16, 1924
May 29, 1924—LOT 163 BLK 16, Col. Heights, Sacramento. Anna R Lattin to whom it may concern... .....May 28, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
May 22, 1924—N 60 FT. LOT 8, I, J, 10th and 11th Sts., Sacramento. W P Fuller & Co vs Phyllis K. and Arthur H Lamb .....
May 22, 1924—LOTS 1, 2 AND 3 Brighton Ave Tract, Sacramento. Robert Ihle vs Mabel Woerner...$117
May 27, 1924—S 60 FT. OF E ½ Lot 5, M, N, 27th and 28th Sts., Sacramento. Superior Lumber & Fuel Co vs S E Toland and Mrs. Maren Wallace $55.92
May 29, 1924—N ¼ LOT 8, K, L, 22nd and 23rd Sts., Sacramento. Fred Near vs George and Lulu L Bock... .....$1028
May 29, 1924—N ¼ LOT 8, K, L, 22nd and 23rd Sts., Sacramento. Frank Maloney Co vs George and Lulu L Bock $107.08
June 2, 1924—LOTS 36, 37, 38, 39 and 52, Rio Linda Sub 4, Sacramento. Co. Horticultural Comm. for Sacramento County vs Martin L. Nelson $9.50

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

$2,500 and Over Reported

SCHOOL
HUTCHINS & WALNUT, Lodi. Furnish scenery and install same in Lodi high school.
Owner—Lodi Union High School, Hutchins and Walnut, Lodi.
Architect—None.
Contractor—J. D. Martin Scenic Co.
Filed May 29, 1924. Dated May 20, 1921. Payments not given.
TOTAL COST, $5193.50
Bond, Forfeit, Limit, Plans and specifications, none.

PERMITS

DWELLING, $2500; 948 Harding Way, Stockton; owner, H. V. Tarter, 941 West Willow, Stockton.
DWELLING and garage, $2200; 2338 Lafayette, Stockton; owner, M. J. Bray.
REMODELING, $1500; 443 North California, Stockton; owner, Al Gianelli, 828 East Park, Stockton.
DWELLING, $4500; 26 West Ellis, Stockton; owner, P. Petty.
DWELLING, $5000; 150 East Maple, Stockton; owner, F. W. Krenk, 1514 Scott, Stockton.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
May 28, 1924—LOTS 6 & 9 BLK 4 Northbrae Subdivision of Stockton. Sterling Building Co. to whom it may concern .....May 20, 1924
June 4, 1924—S ½ OF LOTS 10 & 12 Blk 2, West Stockton. Carl F Anderson to whom it may concern... .....June 1, 1924
June 4, 1924—LOTS 7 AND 8 BLK 5, Blain's Addition to Stockton. Earl J Hammett to T E Williamson.... .....May 31, 1924

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
May 29, 1924—LOTS 9 & 11 BLK 5 Phelps Addn to West Stockton. Stockton Lumber Co. vs J. B. McInerney & Mary A. De Perina $321.60

AGREEMENT TO BUILD

SAN JOAQUIN COUNTY

Commercial and Savings Bank of Stockton, a corporation, to Allen L. Burr and H. K. Tackabury, copartners, doing business under the firm name of the Allyn L. Burr Company and Gunn, Carle & Co., a corporation—Building agreement dated May 29, 1924, for all steel, iron and wire necessary for the reinforcing of concrete work and fireproofing, and the work of water-proofing the basement and foundation of building situate on a portion of lots 10, 12 and 16 in block 4 east of Center street, city of Stockton.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
May 21, 1924—LOT 4 & ½ 5 BLK 48 Easton No. 4, Burlingame. Harry C. Brown to whom it may concern .....May 16, 1924
May 21, 1924—N 2/3 LOT 15 S 2/3 Lot 16 Metropolis Homestead. Metropolis Homestead Co. to L. G. Crichton & H. A. Dilks....May 20, 1924
May 21, 1924—Part LOT 1 & 2 BLK 26 W Add. San Mateo. Charles Stephenson to whom it may concern... .....March 1, 1924
May 21, '24—W 15 LOT 6 & E 30 LOT 7 Blk 1 Resub Lot 32 & 33 San Mateo Park. Charles Stephenson to whom it may concern...May 1, 1924.
May 5, 1924—NE STATE HIGHWAY NE H Property of MacRorie & McSaven. Anna Severlla. May 21, '24
May 23, 1924—LOT 19 BLK 19 EASton No. 2 Burlingame. Frank H. Cranford to whom it may concern .....May 15, 1924
May 22, 1924—LOT 20 BLK B MILbrae Park, Milbrae. Thos. Charles and Elizabeth Osborn to whom it may concern.....May 10, 1924
May 22, 1924—GRANGE RD & OAK Grove Ave. Burlingame Grammar School Dist. to H. R. Park..... .....May 8, 1924
May 22, 1924—ROOSEVELT SCHOOL Burlingame. Burlingame School District to H. R. Park...May 8, 1924
May 24, 1924—LOT 21 BLK 8 EASton No. 1. Edward L. Shaver to whom it may concern..May 22, 1924
May 24, 1924—LOT 8 BLK 5 BURLINgame Villa Park. Eva A. Walker and Helen Gilday to Norberg and Wicklund .....May 22, 1924
May 24, 1924—LOT 5 BLK 7 LOMITA Park. A. Taluboff to George F. Baillet .....May 22, 1924
May 24, 1924—LOT 9 BLK R HAYward Park. William J. and Olga Gercke to whom it may concern.. .....May 21, 1924
May 26, 1924—LOT 23 BLK 4 BURlingame Grove, Burlingame. John H. Pitschuman and Carl Strew to whom it may concern..May 23, 1924
May 27, 1924—LOT 3 D BLK 3 BURlingame. Mary A. Van Tyne to whom it may concern..May 23, 1924
May 26, 1924—LOT 14 BLK 43 EASton No. 3, Burlingame. Clarence & Elma Jones to whom it may concern .....May 26, 1924
May 24, 1924—LOT 10 & 11 BLK 46 Lyon & Hoag Sch, Burlingame. Charles MacDouald to Morris Sorrensen .....May 14, 1924
May 28 ,1924—LOT 10 BLK 45 No. 4 Easton, Burlingame. Chas. George Adams to whom it may concern.. .....May 26, 1924
May 29, 1924—LOT 17 BLK 37 EASton No. 2 Burlingame. Thomas E. Daley to whom it may concern.. .....May 28, 1924
May 29, 1924—LOT 10 BLK 9 CROCKer Estate Tract, Daly City. Homestead Realty Co. to whom it may concern .....May 23, 1924

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
May 27, 1924—LOT 2 BLK 3 BURlingame Park No. 1, Burlingame. Inlaid Floor Co. vs Robert C. Leonard $300

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
May —, 1924—LOT 23 BLK 44 EASton No. 3, Burlingame. H. Brunstad to H. L. Pierce $779

BUILDING CONTRACTS

FRESNO COUNTY

ALTERATIONS, $5000; Tulare and H Sts., Fresno; owner, Blassingame Estate; contractor, F. J. Stone, Mason Bldg., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
May 26, 1924—LOTS 40, 41 AND 42 Blk 13, Roeding Add., Fresno. Louis M Kilner to Andrew Chitty .....May 26, 1924
May 2,6 1924—LOTS 8 AND 8 BLK 5, Alhambra Tract, Fresno. W B Watson to whom it may concern... .....May 26, 1924
May 26, 1924—LOTS 15 AND 16 BLK 2, Roeding Add'n, Fresno. Agnes Lewis to whom it may concern... .....May 24, 1924
May 26, 1924—LOTS 22 AND 23, Long Tract, Fresno. Valley Bldg & Invst Co to whom it may concern... .....May 26, 1924
May 28, 1924—LOT 28 S ½ of Lot 27, Highland Add No. 1 and Lot 15, S 17 ft. Lot 15, Hign Add No. 5, Fresno. Geo E May to whom it may concern.....May 27, 1924
May 28, 1924—LOTS 3 AND 4 BLK 6, Alhambra Tract, Fresno. J A Wylie to whom it may concern... .....May 24, 1924

May 28, 1924—LOTS 1 AND 2 BLK 3, Torrance Terrace, Fresno. H E Guynn to whom it may concern... .....May 27, 1924
May 28, 1924—LOTS 7 AND 8 BLK 74, K. B. Hts. Add., Fresno. D Paul to whom it may concern. May 28, '24
May 29, 1924—LOT 4 W 15 Lot 2 Blk 5, Normal Vista Tract, Fresno. W C White to whom it may concern... .....May 26, 1924
May 29, 1924—LOTS 5 AND 6 BLK 6, Washington Heights, Fresno. Jack W Bandy to whom it may concern .....May 29, 1924
May 29, 1924—LOTS 10, 11 AND 12 E 10 ft. Lot 13 Blk 2, Fresno Hts No. 2. Frank E Paltridge to whom it may concern.....May 29, 1924
June 2, 1924—LOT 62 S ½ Lot 63, West Dean Park No. 2, Fresno. Ray Magill to whom it may concern.....May 28, 1924
June 3, 1924—PTN LOTS 1 AND 2, Roeding Villa Col., Fresno. T J Sheets to whom it may concern.. .....May 30, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
May 31, 1924—LOTS 17 AND 18 BLK 51, K B Hts., Fresno. Harris & Pendegrass vs R N Peterson.....$77
June 2, 1924—LOTS 21 AND 22 BLK 127, Sanger. J T S Clark vs Jesse Garton and C A Cooper.....$321
June 3, 1924—LOT 12 Blvd. Gardens, Fresno. Routt Lumber Co vs C A Waite $378

BUILDING CONTRACTS

CONTRA COSTA COUNTY

PERMITS

DWELLING, one-story frame, $3000; N Pennsylvania St., bet. 9th and 10th Sts., Richmond; owner, T. G. Conn, 305 Bissell St., Richmond.
STORES, one-story brick, $10,349.50; N Macdonald Ave., bet. 15th and 16th Sts., Richmond; owner, G. Traverso, 1524 Macdonald Ave., Richmond; contractor, Tandy & Thies, 234 Chandler St., Richmond.
DWELLING, one-story frame, $3500; N Bay View Ave., bet. 55th and 57th Sts., Richmond; owner, G. Dianti, 434 Bay View Ave., Richmond.
ADD 2nd story to frame building, $2000 W 15th St., bet. Macdonald and Nevin Aves., Richmond; owner, R. Travolini, 333 15th St., Richmond.
DWELLING, one-story frame, $3500; N Wenk St., bet. 59th and San Pablo, Richmond; owner, M. Derio, Box 182 R. F. D. No. 1, Berkeley.

BUILDING CONTRACTS

SAN ANSELMO, MARIN COUNTY

ADD to garage, $400; Belle Ave., San Anselmo; owner, J. Waldstein.
GARAGE, $100; Sequoia Park, San Anselmo; owner, C. Pinkham.
DWELLING, $3800; Barber Tract, San Anselmo; owner, Miss L. O'Hara.
DWELLING, $3500; Lot 8 Highland Park, San Anselmo; owner, R. A. Carey.
DWELLING, $800; Lot 2 Blk 8 Section 2, Sequoia Park, San Anselmo; owner, L. E. Beckley.
DWELLING, $2500; Lot 1, Barber Tct., San Anselmo; owner, C. T. Struven.
DWELLING, $2500; Ptn Lot 13, Linda Vista Tract, Trunstead Ave., San Anselmo; owner, N. Lindelli.
ALTER and add sleeping porch to present structure, $500; Ptn Lot 11, Sunnyside Tract, San Anselmo; owner, E. Dawson.
DWELLING, $2500; Lot 35 and Ptn Lot 36, Kohn Tract, San Anselmo; owner, A. Iten.
DWELLING, $5000; W 50 ft. Lot 177, Ross Valley Park Villa Lots, San Anselmo; owner, H. E. Marsh.
DWELLING, $4500; Lot 59 Blk 2, Ross Valley Park, San Anselmo; owner, J. Sala.
ALTER for stores to present structure, $3000; Osgood Tract, San Anselmo; Owner, Mr. Helbing.
DWELLING, $1800; Lot 9, Oak Park Tract, San Anselmo; owner, C. S. Mills.
DWELLING, $2600; Lot 27, Highland Park, San Anselmo; owner, R. A. Carey.
DWELLING, $2500; Ptn Lot 124, Ross Valley Park, San Anselmo; owner, A. L. Podesta.
DWELLING, $4500; Karl Ave., Karlshrue Park, San Anselmo; owner, L. Barr.
DWELLING, $1550; Humboldt Ave. and Foothill Road, San Anselmo; owner, F. Cervelli.
Total amount of construction, $42,050

BUILDING CONTRACTS

SAN RAFAEL, MARIN COUNTY

SUMMER COTTAGE, $1400; Lot 9 San rafael Park; owner, R. Borland; contractor, L. E. Warden, 815 D St., San Rafael.
DWELLING, 7-room, $5000; Center St., San Rafael; owner, M. Donohue; architect, Bowman & McKie; contractor, A. Christensen, San Rafael
DWELLING, 1-story frame, $2200; Ross Valley Drive, San Rafael; owner, Robert Carey & Co., San Anselmo; contractor, M. A. Miller.
BRICK WALLS altering bldg, $2500; 4th & Lincoln, San Rafael; owner, A. Ghillotti, Windsor, Cal.; architect, Thos. O'Connor, San Rafael; contractor, W. P. McGrath, San Rafael.
SCHOOL ROOM, $4000; owner, Dominican College, San Rafael; architect, J. Faggiano; contractor, J. Faggiano, 2 Brookdale Park, San Rafael
DWELLING, 1-story frame, $4000; 3rd St. 100 E of A, San Rafael; owner, E. Tognoli, A & 3rd St., San Rafael contractor, Mr. Gagnon, San Rafael
DWELLING, 1-story frame, $1900; No. 13 Stevens Place, San Rafael; owner, J. A. Reeder, 419 Mission Ave., San Rafael; contractor J. A. Reeder
DWELLING, five-room, $3400; on Union Street; owner, Dan T. Foster, San Quentin Commissary; architect, Natl. Mill & Lumber Co., 320 Market St., S. F.; contractor, S. E. Bixler, 1726 Bridge Ave., Oakland.

WOOD SHAVINGS USED FOR BUILDING MATERIAL

A new building material that is said to be revolutionary in its nature, as far as the small home builder is concerned, is artifically petrified wood in slabs. It is the invention of Paulo Marpillero, a young Italian engineer who now lives in London. The slabs are made of wood wool and various other woody fibers, which are chemically treated until the required degree of hardness is obtained.

The new material is said to be sound, fire, cold, and heat resisting in high degree, in higher degree, in fact, than is a greater thickness of brick. The slabs may be sawn and nailed as easily as ordinary wood. They are light in weight and are inexpensive; and so, if the claims for them are true, they will probably be extensively used by builders of small and inexpensive homes.

The possibilities of the new material are under investigation by the London county council, which is now seeking the quickest and most satisfactory consummation of its building program.

SACRAMENTO ENGINEER DIES

James Kennedy, aged 73 years, irrigation expert and assistant engineer in the office of Chas. Deterding Jr., county engineer of Sacramento county, died in Sacramento, May 27. Pneumonia was the cause of death. Kennedy had been a member of Deterding's staff for more than three years and was well known in Sacramento. He was a graduate from Cornell University and finished a special course in civil and mining engineering at the Columbia University. Deceased is survived by a widow, Mrs. Jean Kennedy, and two daughters, Mrs. McMahon of Nevada and Mrs. Edith Gillian of San Mateo. He was a native of Vermont.

ENGINEER DEAD

Ernest N. Willberg, 65, San Francisco civil engineer, in the Federal service, died suddenly in San Francisco, May 29. Death was due to heart disease.

FRESNO BUILDING

Fresno building permits for the month of May totaled $129,913 of which $84,453 was for new construction and $45,460 for alterations, repairs and additions to standing structures. Building operations for the past five months totals $817,987.

BRANCH OFFICE OPENED

West Coast Construction Company of San Francisco has opened permanent branch offices in the Porter Building, Watsonville. The company has several important contracts in that section of the state.

Larsen Construction Reports
Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery etc. Send for rates in your territory, advising class of work in which you are interested.
818 MISSION STREET SAN FRANCISCO

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Factory White Enamel
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15 For Floors Varnish
40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
Pioneer White Lead

Estimates furnished on request

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FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA

Publication Office
318 Mission Street

SAN FRANCISCO, CALIF., JUNE 14, 1924

Published Every Saturday
Twenty-fourth Year No. 24

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210 American Bank Building

Permanence
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San Francisco Oakland
San Rafael

Appearance
Comfort

Board

For Sale by All Lumber and Building Material Dealers

KOEHRING

The **Heavy Duty Mixer**

Remixes Concrete

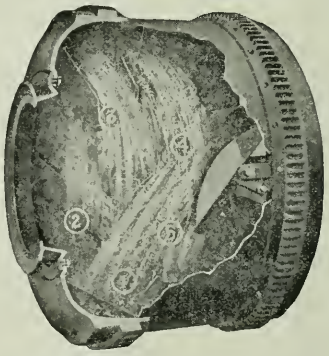
When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

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San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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ACTIVE CONSTRUCTION SEASON IS PREDICTED

The volume of building recorded during May is substantiated by the prediction that the fall months will see one of San Francisco's greatest building eras, according to the Forward Movement.

The Forward Movement cites this fact as a reason why those who are planning on building in the near future should launch their plans at once. If the building forces of the city find any relief from the high pressure of the past few months it will be during the summer season, it is pointed out.

"Those who want to be in their own homes during 1924 should begin definite planning now," the Forward Movement advises. "Every indication is that the fall season will even exceed in volume the record established since the first of the year. Therefore those who do not want to be disappointed or have their plans delayed should take advantage of any slackening in the tension that may come during the next few weeks.

"Conditions were never better from the standpoint of the builder and investor. To build now is to take advantage of the stable conditions of both the labor and material market and to profit by the steadily rising property values in San Francisco."

N. W. Shingle Mills Organize— To Grade and Standardize Product

Marking a departure in the red cedar shingle industry of the Northwest, announcement is made that seventeen shingle mills of the Puget Sound district have perfected an organization under the name of the Puget Sound Shingle Manufacturers' Association, and hereafter red cedar shingles will be manufactured by the organization strictly under the grading and standardization rules promulgated and approved by Secretary Herbert Hoover of the Department of Commerce.

The changes of the grading rules for red cedar shingles under the direction of Secretary Hoover mean that hereafter, according to the program of the Puget Sound Shingle Manufacturers' Association, no shingles will be marketed by the organization less than a thickness of five shingles to two inches, thus eliminating the thin shingles measuring in thickness six shingles to two inches. This elimination was supported by the Department of Commerce.

Another feature of the program under the new grading rules is the concentration on manufacturing and marketing only vertical grain shingles for roofs. This means the flat grain or mixed flat grain and vertical shingles will be utilized for side walls and gables, thus taking care of the complete utilization of the log—that is to say, vertical grain shingles for roofs and mixed vertical grain and flat grain shingles for sidewalls will mean that no part of the log will be wasted.

Under the new program of the Puget Sound Shingle Manufacturers' Association, the various grades of shingles will be known by the simple nomenclature of No. 1, No. 2, No. 3 and No. 4, so that the layman can understand what he is buying.

Ben Kuppenbender, general manager of the Puget Sound Shingle Manufacturers' Association, says the new move will undoubtedly prove of far-reaching importance:

"Our organization is composed of all the shingle mills in the Ballard district, of Anacortes and Edmonds and embraces also several other mills in the vicinity of these sections, and we represent altogether a shingle capacity of 1,200,000,000 shingles per annum," he said. "This means a very important proportion of the entire output of the Pacific Northwest. The Puget Sound Shingle Manufacturers' Association is the marketing organization of this group, and is definitely established in order to enable the mills to manufacture under the Hoover standards. Naturally a revolution in standardization such as this and the elimination of certain types of shingles which have been provided the market for thirty years and over is a very important step, and one that requires a certain management to make effective.

"In my opinion the effect of the Hoover rules is going to help improve the red cedar shingle industry and in addition conserve our cedar timber resources."

The Puget Sound Shingle Manufacturers' Association has established headquarters at Ballard, and has already issued its official announcement to the trade with prices based on the new schedule.

Japan Building Standardized No Construction Changes Expected

The type of building used by the Japanese for residences and shops has been gradually evolved and is now practically standardized, says Assistant Trade Commissioner Paul Steintorf. It is invariably of light wooden construction and in reality resembles cabinet work rather than a house in the western sense. The greater part of the lumber is cut and finished by hand on the spot. Although the general dimensions are standardized they permit of wide adaptation to meet the taste of the owner.

To a westerner the Japanese house seems to be poorly adapted to the climatic conditions obtaining in the country. The Japanese, however, are much attached to this type of construction and extremely unwilling to change. There has been much discussion regarding the possibility of modifying it, to better withstand earthquake schocks and be less liable to destruction by fire. The disaster of September 1 gave a vivid illustration of the need for a change. Nevertheless these seems to be little doubt that in most cases there will be little variation from present types. It is probable that lighter roofs will replace the present heavy tiles which were responsible for the collapse of many buildings, and there may be certain minor modifications to reduce the fire risk.

The sills of the Japanese house consist of squared timbers ranging in size from 6x6 to 12x12 inches, depending on the size of the building. These are morticed and fitted, either on a cement base or one of wooden piles. The floor level is usually from 18 to 24 inches above the ground. The exterior finish is of weatherboarding or plaster. Sliding panels of peculiarly Japanese construction take the place of American doors and windows.

The usual roofing is of tile. The floors consist of rough, unfinished softwood boards on which thick straw mats, known as "tatami," are laid. The usual height of rooms is approximately 8 feet.

The ceiling consists of thin unpainted wooden boards, laid edge to edge, with narrow, unpainted cross strips.

One of the outstanding features of a typical Japanese house is the fact that no paint is used, with the exception of a small amount of lacquer. The Japanese are great admirers of natural wood and attach considerable importance to its figure or grain. They also admire gnarled, twisted or unusual varities, a pillar or panel of such wood usually forming the "motif" for the room. Another peculiar characteristic of the true Japanese house is the very limited use of nails. Nearly all corners and joints are morticed and fitted by hand. Nails are seen only in the shingling and the flooring.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Robert Sibley, executive manager of the California Alumni Association and an authority on water power development, left San Francisco June 10 for London, where he will represent the American Society of Mechanical Engineers as honorary vice-president of the first World Power conference called by the British Ministry to meet in London June 30 to July 12. He expects to be absent for ten weeks, as at the close of the conference he will visit points of educational and industrial interest in Sweden, Czecho-Slovakia, Germany, France and Italy.

Organized labor in the United States now has 26 banks, and there are more in the process of formation. The banks already established control $26,133,326 in capital stock, surplus, and reserve. The largest of the banks is the Engineers' Co-operative bank, Cleveland, Ohio. New York City has 5 labor banks; and Pittsburgh, Philadelphia, Cincinnati, Hammond, Indiana, Tuscon, Arizona, and Potomac, Virginia, have one each.

Secretary of the Interior, under a resolution passed by the House, would be authorized to investigate the cost of developing the proposed Casper-Alcova Irrigation project, Wyoming; the Deschutes project, Oregon, and the Southern Lassen project, California. Respective states would be required to pay half the investigation cost.

According to word from Washington, a Senate bill to make $5,500,000 available to construct a dam on the Gila river, near San Carlos, Arizona, has been passed by the House. The dam would provide water for irrigation of 80,000 acres, the larger portion of which is in the Pima Indian Reservation.

A bid of par and $1,175 premium for $11,433,000 in municipal bonds issued to pay for new playgrounds, bridges, police equipment, harbor extension, a public library and other improvements, has been accepted by the Los Angeles city council. A syndicate headed by the Anglo-London-Paris company submitted the bid.

Election will be held July in Banta-Carbona Irrigation District, San Joaquin County, to decide question of issuing bonds of $705,000 to finance construction of an irrigation works to furnish water for approximately 14,000 acres.

Seattle Chapter of the American Association of Engineers has opened an employment office at Room 201 Railway Exchange Building, Seattle. Harry F. Giles is manager of the new department.

City of Tulare contemplates bond issue of $165,000 of which $35,000 will finance sewage treatment plant, the balance to extend the present sewer mains.

Sonoma County supervisors have been requested to construct a bridge over the Russian River at Asti. A concrete structure costing in the neighborhood of $100,000 is contemplated.

U. F. Brown, for twenty-eight years city clerk of Yreka, has been named city manager of that city, the office being created under ordinance recently passed by the city trustees.

Fisher-Nelson Lumber Company of Oroville, organized and established during the Spring months, for the purpose of manufacturing moulding, interior finish, casings, sash and door stock and other small lumber products, has started operations. The company begins with an order for 575,000 lineal feet of lattice work ordered from New York City. Lumber used is secured from the Feather River district.

Efforts will be made by the supervisors of Sutter and Yuba Counties to secure from the next Legislature an appropriation to finance construction of a causeway through the Sutter By-Pass district from Marysville and Yuba City to Knights Landing on Yolo County.

"Investigation of Warm-Air Furnaces and Heating Systems" (part 2) is the title of a 152-page illustrated book issued by the Engineering Experiment Station, University of Illinois, Urbana, Ill. The investigation was conducted by the Station in co-operation with the National Warm-Air Heating and Ventilating Association. Copies are obtainable from the station on payment of eighty-five cents.

A bill appropriating $150,000,000 for road construction during the next two years has been passed by the House, according to word from Washington. During each of the two years the Government will apportion $75,000,000 among the states in co-operation with road construction programs. $7,750,000 will be spent in national parks and forests under the bill.

In a brief filed with the Federal Trade Commission at Washington attorneys of the commission recommended the Pittsburgh plus plan of fixing prices for steel be abolished and that the U. S. Steel Corporation and its subsidiary companies be prohibited from quoting prices or selling steel from any base other than the producing point.

E. P. Hapgood has been appointed city engineer of Anaheim, succeeding Clyde Butler, who has been in the service of the city for 15 years. Mr. Butler attributes his retirement to the influence of the Ku Klux Klan. He and other city employes who have retired say they were told membership in the Klan was necessary to retain service with the city.

Palo Alto building permits in May totaled $132,802 as compared with $200,302 for the corresponding period in 1923. The total orperations for the first five months of this year is $651,-382 as compareed with $771,568 for the same period in 1923.

Establishment of 398 new industries in Los Angeles metropolitan area during the first four months of 1924 is reported by the industrial department of Los Angeles chamber of commerce.

Max Clauss, Sacramento plastering contractor, died in that city June 6. He was a native of Wisconsin and 68 years old.

Burlingame building permits for May totaled $154,385 as compared with $53,785 for the same month in 1923.

TRADE NOTES

California Pottery Company of San Francisco plans enlargement of its East Bay plant and has purchased 40,-000 square feet of ground at Park avenue and Haven street, Emeryville, on which it will erect additional buildings. The company is having plans prepared for the erection of a distributing warehouse and office building to be erected in Fresno to serve the San Joaquin Valley section.

The Pacific Concrete Products Company has started operations in its new plant at the foot of Forty-eighth avenue, Oakland. The company manufacturers a new type of concrete brick used principally as a facing for buildings and also for mantels and fire places. Varied color effects are obtained during the process of manufacture which give the brick and tile facings a distinct and lasting finish.

H. F. Beresford from the Detroit office of the U. S. Radiator Company has established an office with the San Francisco branch of the M. Stulsaft Company and is calling on architects and engineers to promote the sales of U. S. heating equipment. Beresford will divide his time between San Francisco and Los Angeles.

The Schumacher Wall Board Company with main offices at 210 American Bank Building, San Francisco, has purchased five acres of land in Oakland, lying between the Southern Pacific and Western Pacific tracks and will erect a plant for the manufacture of its product.

Austin Company of California, engineers and builders of Austin Standard Industrial Buildings, warehouses and commercial structures, is planning to establish a branch office in Oakland, according to A. R. Pease, district sales manager for the company.

J. S. Hickok, sales manager for the Hutchinson Lumber Co. of Oroville, has resigned and will depart shortly for Philadelphia, where he will enter the lumber brokerage business. Hickok will represent the Hutchinson Company in the Eastern field.

Construction of a $4,000,000 hydro-electric power project will be started shortly by the California-Oregon Power Company on the Klamath River at Copco, according to an announcement of Paul B. McKee, first vice-president and general manager of the company.

California Magnacrete Shingle Company of San Francisco has been incorporated. The company is capitalized at $50,000 and has the following directors: George Palmer, A. J. Oman and Ray Devean.

Mattock & Feasey, general contractors, announces the removal of their offices, mill and equipment storage quarters to its new plant at 210 Clara street, San Francisco. Phone Garfield 5165.

U. S. Steel Products Company is reported to have purchased a 7-acre site at Huntington Park on which it is proposed to erect warehouse and factory buildings.

Sacrameneo branch of Crane Co. has been appointed distributor in the Sacramento Valley district for the Johns-Manville line of insulating materials.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

A. S. M. E. NOMINATES

Nominations for Officers of the American Society of Mechanical Engineers for 1925 were announced at the Spring Meeting of the society recently held in Cleveland. Election will be by ballot of the entire membership, closing on September 2, 1924.

The nominees, as presented by the Regular Nominating Committee are::

President—Wm. F. Durand, Prof. M. E., Stanford University, California.

Vice-presidents—Robt. W. Angus, Prof. M. E. Faculty of Applied Science and Engineering, University of Toronto, Toronto, Canada; S. F. Jeter, chief engineeer, Hart Steam Boiler Inspection and Insurance Co., Hartford, Conn. and Thos. L. Wilkinson, consulting engineer, Davenport, Iowa.

Managers—John H. Lawrence, engineering manager, Thos. E. Murray, Inc., New York, N. Y.; Edward A. Muller, vice-president and general manager of the King Machine Tool Co., Cincinnati, Ohio, and Paul Wright of Paul Wright & Co., Birmingham, Ala.

Treasurer—William H. Wiley, Pres., John Wiley & Sons, Inc., New York, N. Y.

Delegates to the American Engineering Council—W. F. Durand, Stanford University, Calif.; William P. Hunt, Pres., Moline Tool Co., Moline, Ill.; I. E. Moultrop, Asst:. Supt. Constr. Bureau, The Edison Elec. Illum. Co. of Boston, Boston, Mass.; E. N. Trump, Cons. Engr., Solvay Process Co., Syracuse, N. Y., Pres., Stumpf Uniflow Engine Co., Syracuse, N. Y.; William W. Varney, Attorney at Law, Baltimore, Md.; Ira Dye, Industrial Engineer, Seattle, Wash.; W. S. Finlay, Jr., V. P. American Water Works & Elec. Co., New York, N. Y.; Dean E. Foster, Consulting Petroleum Engr., Tulsa, Okla.

OAKLAND MASTER BUILDERS HEAR INTERESTING SPEAKERS

E. T. Thurston, secretary of the General Contractors' Association of San Francisco and P. M. Sanford, president of the Contra Costa County Builders' Exchange, were the principal speakers at the regular weekly meeting of the Oakland Master Builders' Association held in the Peerless Cafe, Oakland, June 10.

Mr. Thurston explained the functions of a general contractor's association, which was well received by the builders.

Mr. Sanford spoke on "Our Business on the American Plan, As I Understond It."

Following the talks a musical program was enjoyed.

S. F. HOME BUILDERS ELECT

San Francisco Home Builders' Association at its regular annual meeting re-elected L. V. Riddle as president. The other officers of the Association are A. J. Falvey, vice-president; Grace Perego, secretary-treasurer; directors, C. S. Allred, R. H. Stevenson, L. B. Stevenson, L. B. Ham, Alvin Heyman, E. A. Janssen, J. V. Campbell and J. Prout.

The various officers and committee-chairmen reported on their work for the past year. The substance of the various speeches indicated that San Francisco is creating a home-building record this year that will overshadow all past accomplishments.

Construction Activities Slacken—Five-day Week Looms at Fresno

Unless there is a material pickup in building activity in Fresno and vicinity there is a strong possibility that a five-day working week will be favored by the labor organizations as a means of distributing work to all their members in the industry during the Summer season.

While officials of both the building trades council and the Fresno Builders' Exchange declined to officially discuss the question, it was admitted that some such program may develop.

The five-day working week, it was disclosed, had its inception from the formal application of the plasterers' union to the builders' exchange ,with the approval of the central organization of building artisans.

The Board of Arbitration of the industry, formed of representatives of both employers and the unions, at a recent meeting decided that placing the plan in operation was strictly an individual matter between the contractor and his men and that no rule could or would be invoked.

"The building trades council gave its approval to the plan as a temporary expedient on the application of the plasterers, but this does not mean that the council has laid down a rule or a program to be universally applied," said W. C. Adkins, secretary and business manager of the council.

A second conference of the builders and union representatives is tentatively set for next week for further consideration of the question.

R. W. Chrouch, secretary of the Builders' Exchange, declared there was a growing healthy tone in building and that activity now centered in the erection of school houses and homes, the latter showing some increase over the past few months.

State Exchange to Meet in Stockton

The first annual convention of the California State Builders' Exchange will be held in Stockton July 18 and 19, W. H. Breuer, secretary of the state organization, announced following a three hour session of the advisory council of the exchange in the Californian hotel, Fresno, Saturday, June 7.

Representatives of 13 state cities, which form the advisory council met in executive council at 2:30 o'clock in the Californian Hotel. H. D. Jones, president of the exchange, presided.

Matters regarding the protection of the general building public in the construction industry were discussed.

No set program for the Stockton conclave was outlined, although it is believed that the advisory council will go into session again before the convention to draft a program.

"It has been realized by contractors of the state that there is an immediate need of a state builders' organization, which would be the voice of the building industry in such matters affecting the welfare and protection of the building public," Breuer asserted.

The advisory council met jointly with the board of directors of the Fresno exchange at dinner on the evening of June 7. Several informal talks were made regarding the new state body.

The Fresno board heard talks on the aims and purposes of the new body but did not make a decision, although it is probable the directors will take definite action toward joining the organization at its next regular meeting.

E. J. Parr, vice president of the Fresno exchange, represented Fresno at the executive session in the afternoon.

BUILDERS BACK BOND ISSUE

Following an address by Chas. E. Ashburner, city manager of Stockton, the Stockton Builders' Exchange has unanimously passed a resolution favoring the bond issue which will be placed before the voters on June 17. The issue, if voted, will provide for the following improvements: To impound water to protect the city of Stockton from floods, the sum of $1,500,000; city's share in cost of a subway on Miner Avenue at Sacramento street (etc.), $100,000; parks and recreational gounds, development and improvement, $137,900; new fire alarm system and department equipment, $346,000; motor equipment for the engineering department, $26,300; improvement and repair of streets, for bridges and highways in the city of Stockton, $339,200.

Resolutions adopted by the Tacoma, Wash., general contractors refusing to grant an increase of 40 cents a day in the wage for journeymen painters have been forwarded to the building trades council and the master painters. The scale now is said to be $8 a day, in effect about a year.

S. F. IS CONVENTION CITY FOR HIGHWAY OFFICIALS

San Francisco has been selected as the 1924 convention city of the American Association of State Highway Engineers, the meeting to be held November 17 to 20.

The convention was awarded San Francisco due to the efforts of Harvey M. Toy, chairman of the California State Highway Commission and a member of the executive board of the national association.

The association is composed of State highway officials of every State in the Union, and its meeting here, the first convention to be held in the West, will bring together more than 200 experienced road builders.

Geo. L. Brown, traveling representative of the Medusa Cement Company, was a recent visitor to the San Francisco Builders' Exchange. Mr. Brown was accompanied by J. B. John, Pres. and E. J. McGuire, secretary-treasurer of the Medusa Cement Company with offices in Cleveland, Ohio. All three ment attended the conference of the Portland Cement Association recently held in Los Angeles.

PORTLAND CEMENT ASSOCIATION MEET

For the first time in five years the Portland Cement Association met on the Pacific Coast. In 1919 the Spring meeting was held in San Francisco. This year Los Angeles was the meeting place. The sessions were held at the Los Angeles Biltmore, May 19 to 21 inclusive. Forty-eight member companies were represented by about 140 registrants.

As usual, the sessions were given over to discussions of technical subjects of interet to cement manufacturers, Committee meetings and the general business session.

Meetings of standing committees occupied most of the opening day. At the mill session on Tuesday, May 20, papers were read by C. L. Carman of the Riverside Portland Cement Company and by J. P. MacKenzie of the General Electric Company. Mr. Carman's paper was entitled "Historical Sketch of the Development of Cement Plants in Southern California," while Mr. MacKenzie discussed "Synchronous Motors for Cement Mill Drive."

At the business session on Wednesday, May 21, the first annual award of the Portland Cement Association's prize trophy was made. This trophy was won by the San Antonio Portland Cement Co., whose record for 1923 showed it had outdistanced a large number of other member company plants toward the goal for safety in mill operation. A most amazing record of the industry in accident reduction for 1923 was reviewed briefly by John Treanor of the Riverside Portland Cement Co., who is also a member of the Association's Committee on Accident Prevention and Insurance, and who presented the trophy to S. F. Barrera, who was in attendance at the meeting as a representative of the San Antonio Portland Cement Co. Mr. Treanor called attention to the fact that Government statistics show that for the country over, industrial accidents are in general on the increase, while for the cement industry as an individual exception, the records show a progressive decline in serious accidents and in time-lost accidents in general.

The formal dinner of the Association concluded the three-days' sessions on the evening of May 21 and was the scene of good fellowship and merry-making due to the novel and entertaining program provided by the Los Angeles Entertainment Committee, consisting of F. H. Powell, Norman Macbeth and Wilmar Evans.

1923 WATER SURVEYS

Engineers of the Geological Survey, Department of the Interior, surveyed 1150 miles of rivers, mapped 46 dam sites and 21 reservoir sites, and made records of stream-flow at 1600 gaging stations in 1923. Geologists of the Survey examined the geologic structure at more than 50 proposed dam sites. The data gathered through the field work were analyzed and incorporated in reports on stream flow, water power, and irrigation. The estimated potential power available 50 per cent of the time on the streams surveyed amounts to 2,500,000 horsepower.

About 200 miles of the Colorado river were mapped, 24 dam sites were surveyed and a geologic examination made at each site. In Oregon about 300 miles of Rogue river and its tributaries, 13 dam sites and 5 reservoir sites were mapped. Klamath river, in Oregon and California, was mapped for 100 miles, this work completing the survey of this river and its large tributaries. Seven dam sites and two small reservoir sites were surveyed. A reconnaissance investigation was made of the power possibilities on Smith, Trask, Nestucca, Nahalem and Wilson rivers in western Oregon.

Highway Experts View Road Tests

Thirty-eight delegates from twenty Latin-American republics, members of the Pan-American Highway Commission, received their first impression of American road-building methods and problems June 3 when they visited the Government's highway experiment station at the Arlington Experimental Farm, Arlington, Va.

Accompanied by members of the Highway Education Board, and others of the party which will tour the Eastern States to study highway and transportation problems, the Latin-American representatives spent the morning with engineers of the United States Bureau of Public Roads studying the experiments conducted by the Government for the purpose of developing types of roads which will support modern traffic.

The visitors manifested especial interest in the demonstration of the tremendous impact forces brought to bear on modern highways by motor trucks. By means of recording apparatus attached to an army truck the impace resulting from driving over small obstructions or irregularities in the road surface was accurately measured. With certain kinds of tires it was found that the force of the blow may be several times the weight on the truck wheels; and the delegates were given an opportunity to observe the effect of the measured blows on road surfaces and pavements of various types. The value of pneumatic tires as a means of cushioning the impact forces and protecting the road surface as well as the vehicle was clearly shown by the tests.

A circular pavement which has been subjected to 75,000 passages of a special machine provided convincing proof that modern pavements are well designed to resist the wear of rubber-tired vehicles. Although the action of the machine is equivalent to several years' traffic on the ordinary highway, the effect on the surface is scarcely noticeable. Another section of the same pavement subjected to fewer passages of the same machine equipped with nonskid chains has been rutted by the passage of the wheels, showing the damage which may result from vehicles equipped with chains when they are forced to drive in one track by failure to remove snow falls promptly.

By actual measurements the Federal engineers in charge of the tests showed that concrete pavements are constantly in motion as a result of atmospheric and temperature changes. The delegates were shown how the heavy slabs of concrete curl up at the edges during the night and down during the heat of the day, and how this warping in conjunction with the weight of vehicles causes cracking of the pavement. New methods of designing the pavement to prevent serious cracking were explained by the testing engineers. By the adoption of these methods it has been shown not only that the life of the pavement can be materially increased but also that the cost of construction can be reduced by at least $1500 a mile.

Among the other important experiments witnessed by the party was one by which the Government engineers hope to solve the problem of building safe skew arch bridges, which is the technical name for an arch bridge crossing a stream at an oblique angle. A number of such bridges, in this country and abroad, have failed because of the lack of exact knowledge of the manner in which the load on the bridge is transmitted to the end supports of the arch. By careful measurements of the stresses set up in all parts of large model arches the American engineers believe they have discovered the means whereby such structures can be designed with a minimum of risk.

The experiments of the Bureau of Public Roads, witnessed by the Latin-American delegates, have attracted the attention of engineers throughout the world. A majority of the delegates were already familiar with the more important contributions to the science of highway engineering resulting from these experiments, but all members of the party were keenly interested in the first-hand study of the work of the Federal Bureau.

CORUNDUM MAKES CEMENT CONSTITUENT

The subject of concrete floors cannot be discussed without its attracting the attention of manufacturers of many materials that are mixed with, or applied to, concrete that is going into floors. There is one interesting idea that seems to be meeting with great success, as it takes advantage of an obvious mechanical means of achieving the best results.

According to many, the addition of harder aggregates will give a harder concrete with a given proportion of cement. One manufacturer has therefore introduced a portland cement to which has been added a quantity of corundum, the material that is greatly used as an abrasive. He says that this factory mixed material will make floor surface that will be a much harder one than could be obtained with any of the common aggregates in use, and that will need no further treatment nor the use of any hardeners for even the most highly abused heavy duty floors in industrial buildings.

This material, known as Hydro-Corundum Portland Cement, is manufactured by the Advance Waterproof Cement Company, 203 S. Dearborn street, Chicago. The same company manufactures Advance Reground Portland Cement, which it advocates for use in lighter duty floors, and for other purposes.

Seattle building permits for May totaled $2,451,160 as compared with $1,867,280 for the same period in 1923 and $1,643,030 in 1922.

L. A. BUILDING SLACKENS

A further slackening of building activities in Los Angeles is shown by the report of the city building department for May. The total number of permits issued was 3817 and the estimated valuation $8,789,932. This is the smallest monthly total since July, 1923. For May a year ago the number of permits was 5124 and the estimated valuation $18,926,881. For April, 1924, the number of permits was 4544 and the estimated valuation $13,224,568. For five months of 1924 the total is $68,536,196 as compared with $78,814,739 for the corresponding period in 1923. The record by months is as follows.

	1924	1923
January	$13,158,526	$11,258,517
February	16,083,412	12,080,310
March	17,279,758	21,196,087
April	13,224,568	15,352,944
May	8,789,932	18,926,881
Totals	$68,536,196	$78,814,739

Class A construction during May fell considerably under a million dollars, permits being issued for 7 buildings estimated to cost $695,085. Class C construction amounted to $1,025,457 for 49 buildings and Class D, all-frame, construction aggregated $5,412,043.

Housing operations for the month were represented by 1332 permits for dwellings and apartments with an estimated valuation of $4,908,095, or 34.8 per cent of the total number of permits and 55.9 per cent of the entire valuation for the month. These buildings will provide accommodations for 1979 families, or approximately 9000 persons based on the census ratio of 4.6 persons per family.

Building News Section

APARTMENTS

Plans Being Prepared.
APARTMENTS Cost, $50,000
BERKELEY, Alameda Co., Cal. University Ave., bet. Shattuck Ave. and Grove St.
Two-story frame and stucco apartment house.
Owner—Leslie R. Wilson, 2216 Blake St., Berkeley.
Architect — Hutchison & Mills, 1214 Webster St., Oakland.

Contract Awarded.
STORE & APT. BLDG. Cost, $23,500
SAN FRANCISCO W Valencia 55 N 18th
Two-story store and apt. bldg.
Owner—N. M. Hansen.
Contractor—Meyer Bros., 5328 Geary St., San Francisco.

Contract Awarded.
APT. BLDG. Cost, $125,000
SAN FRANCISCO, N Broadway 121-6 E Laguna.
Ten-story and basement concrete class A apartment bldg.
Owner — "1960 Broadway," care contractors.
Contractor — Quandt and Bos, Humboldt Bank Bldg., S. F.

Contract Awarded.
APT. BLDG. Cost, $12,000
OAKLAND, S Stow Ave. 160 W Newton Avenue.
Two-story 16-room apartment bldg.
Owner — L. Mawdsley, 558 Apgar St., Oakland.
Contractor—Smith Building Co., 3089 1st Natl Bank Bldg., Oakland.

Contract Awarded.
APT. BLDG. Cost, $12,000
SAN FRANCISCO, E Franklin 50 N Filbert.
Two-story and basement frame apartment bldg. (4 apts).
Owner—A. H. Connoly, Anza nr. 17th Ave., San Francisco.
Contractor—P. Midbust, 529 Pierce St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $19,250
OAKLAND, Alameda Co., Cal. N Foothill Blvd., bet. 34th Ave. and Peralta Ave.
Two-story apartment and store building (5 apts).
Owner—L. P. and Ethel M. Johnson, 3320 Foothill Blvd., Oakland.
Designer — F. A. Ernsberger, 2449 Dwight Way, Berkeley.
Contractor—B. Dildine and R. M. Knight, 378 63rd St., Oakland.

Contract Awarded.
APARTMENTS Cost, $40,000
SAN FRANCISCO. S Filbert 137-6 W Larkin Street.
Three-story and basement frame (18) apartment building.
Owner—T. F. Livesay, 2700 Polk St., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—Monson Bros., 251 Kearny St., San Francisco.

Sub Contracts Awarded.
APT. HOUSE Cost, $120,000
SAN FRANCISCO, Geary St. 75 E Hyde.
Six-story and basement reinforced concrete apartment house (27 apts. 2 and 3 rooms each).
Owner—Chas. A. Munroe.
Architect—August Headman, Call Bldg San Francisco.
Plumbing to J. Gibbs, 1708 Geary St., San Francisco.
Heating to C. Peterson Co., 390 6th St.
Painting to Tormey Co., 971 Howard St.
Electrical work to Frank J. Klimm, 456 Ellis St., S. F.
Concrete work to Mission Concrete Co., Call Bldg., S. F.

Plans Complete.
APT. & STORE Cost, $15,000
OAKLAND, NE Cor. Park Blvd. and E-34th St.
Two-story 17-room apartment and store building.
Owner—Sam I. Israel, premises.
Designer—R. C. Sisson, 322 Tapscott Bldg., Oakland.

Sub Contract Awarded.
APARTMENTS Cost, $—
SAN FRANCISCO N Turk 87-6 W Leavenworth.
Six-story apartment building.
Owner — A. Penziner, 750 Taylor St., San Francisco.
Plumbing to Morris & Chalbourne, at $12,900.

Contract Awarded.
APARTMENTS Cost, $20,000
SAN FRANCISCO, W Valencia 55 N 18th.
Two-story and basement frame store and 8 apartments.
Owner—N. M. Hansen, 620 Valencia St., San Francisco.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco.

Owner Taking Figures.
APARTMENTS Cost, $50,000
SAN FRANCISCO, SW Cor. Steiner and Hayes Streets.
Three-story frame and brick veneer apartment house (12 2 and 3-room apartments).
Owner—J. Feigin.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Bids Wanted.
APARTMENTS Cost, $45,000
SAN FRANCISCO, Filbert and Baker Streets.
Three-story and basement frame and stucco apartment house (12 3-room apartments).
Owner—Maas & Sauer.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. **Fold-up-Dors,** Ti-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-slipping flooring.—Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET

Sutter 5907 San Francisco

Bids Wanted.
APARTMENTS Cost, $18,000
SAN FRANCISCO, NW Fulton & Lyon Streets.
Two-story and basement frame (7) apartments.
Owner—O. M. Oyen, 67 Carmel St., San Francisco.
Architect—H. C. Baumann & Edw. Jose 251 Kearny St., San Francisco.

Bids To Be Taken This Week.
APARTMENTS Cost, $45,000
SAN FRANCISCO, Southwest cor 14th Ave. and Anza St.
Three-story frame and stucco apartments (12 3-room apts.)
Owner—Fred Anderson, 2152 Market St San Francisco.
Architect—Baumann & Jose 251 Kearny St., San Francisco.

Figures To Be Taken Next Week.
APT. HOUSE Cost $55,000
SAN FRANCISCO, Steiner and Sacramento Streets.
Three-story and basement frame and plaster apt. house (15 apts.)
Owner—G. Mertzeach.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Bids To Be Taken Next Week.
APARTMENTS Cost, $50,000
SAN FRANCISCO, NE Cor. Chestnut & Laguna Sts.
Three-story and basement frame and plaster apartments.
Owner—Stock and Jose.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Segregated Figures To Be Taken In Two Weeks.
APT. HOUSE Cost, $120,000
SAN FRANCISCO, Eddy E of Larkin.
Five-story reinforced concrete apartment house (24 two-room apts and 12 3-room apts.)
Owner—E. V. Lacey, 180 Jessie St., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.

Contract Awarded.
APARTMENTS Cost, $17,700
OAKLAND, W side of Park Blvd. s of Van Dyke Street.
Two-story frame & plaster apartment bldg. (3 4-room apts. 1 5-room apt. and 5 garages).
Owner — Alfred J. Whittaker, 1426 Franklin St., Oakland.
Architect — Harry C. Knight, 1426 Franklin St., Oakland.

PORTLAND, Ore.—John H. Grant, Bd of Trade Bldg., Portland, preparing plans for 4-story and basement reinforced concrete apartments to be erected at E-20th and E-Madison Sts., est. cost $180,000. Will he 100x120 ft., containing 60 apartments.

PORTLAND, Ore. — Arch. John H. Grant, Board of Trade Bldg., Portland, preparing plans for five-story, 50 by 100 ft., brick addition to Melcliffe Court Apartments at E-11th and E-Alder Sts., for Adolph Olsen and J. J. Gustaff; est. cost, $110,000. Will contain 30 two and three-room apts.

LOS ANGELES, Cal.—Archt. Emmett G. Martin, 408 Citz. Natl. Bank Bldg., has completed plans for a class C store, apt. and garage bldg. to be erected at cor. Pico and Berendo Sts., for B. Nesa, Pozzo Constr. Co., 421 Macy St., has the contract at $162,000. It will contain 12 stores, 40 apts. and public garage, 63x140 ft., brick walls, 3-story and 1-story garage, press. brick and terra cotta facing, 142x114 ft., comp. rfg., cem., pine and hardwd. fls., gas steam rads., plate glass, storage water htr., struc. steel, metal skylights, metal store fronts, tiled baths and drainbds., pine trim, steel sash, wood roof trusses over garage, incinerator, tiled lobby and store entrances, wall beds, oak trim in lobby.

LOS ANGELES, Cal.—Archt. Harry Hayden Whiteley, rm. 10, S Western Ave., is preparing plans and will erect a $55,000 2-story brick store, office and apt. bldg. in the Bandini business district for himself. Found. 105x100 ft., 9 stores, 16 offices, 6 apts., stucco exter., tile rf., orn. iron balconies and grilles, art stone trim, cement and hardwood fls., tile baths, dis. beds, gas heating.

CROCKETT, Contra Costa Co., Cal.—Karl Koller, Crockett, awarded contract by Manuel Madairos to erect apartment house on Crockett Hill. Will contain four 2-room and four 3-room apartments.

BONDS

HILLSBOROUGH, San Mateo Co., Cal.—Election will be held June 21 in Hillsborough Grammar School District to vote bonds of $20,000 to finance additions to present school.

CUPERTINO, Santa Clara Co., Cal.—Election held in West Side High School District to vote bonds of $150,000 to finance erection of group of high school buildings failed to carry by 35 votes. It is probable that another election will be called.

ROSEVILLE, Placer Co., Cal.—Election will be called shortly to vote bonds of $30,000 to finance erection of new grammar school. J. E. Fisher, clk. of district.

EL MONTE, L. A. Co., Cal. — Local school trustees are considering calling a special election to vote a $40,000 bond issue for constr. 2 4-room additional wings to the new Columbia grammar school.

MODESTO, Stanislaus Co., Cal. — Election will be held June 30, in Roberts Ferry School District to vote bonds of $5000 to finance school improvements. Trustees of district are: Burns D. Ketcham, L. W. Crabtree, Geo. K. Beard, Geo. H. Sawyer, and B. W. Hudelson.

PORTLAND, Ore.—Election will be held June 21 to vote bonds of $5,000,000 to finance school improvements, construction program to extend over a 5-year perid. Work planned includes: Eight new elementary school buildings and one new high school, $2,708,000; additions to 11 elementary and seven high schools, $1,301,000; sites and additions to sites for 31 elementary and four high schools, $773,650; and building contents, $328,500.

LOS ANGELES, Los Angeles Co., Cal.—An election will be held in the Pico school district, Los Angeles county, June 6, to vote on a $40,000 school bond issue.

HAYWARD, Alameda Co., Cal.—Election will be called shortly in Hayward High School District to vote bonds of $250,000 to finance improvements and additions to present structure.

YREKA, Siskiyou Co., Cal.—Weed Grammar School District sells $30,000 bond issue for premium of $639, proceeds to finance school improvements.

BAKERSFIELD, Kern Co., Cal.—Election will be held June 26 in Union Avenue School District to vote bonds of $11,000 to finance school improvements. Trustees of district are: Everett Himble and E. P. Allen.

BAKERSFIELD, Kern Co., Cal.—Election will be held June 26 in Vineland School District to vote bonds of $17,000 to finance school improvements. Trustees of district are: C. J. Russell, John Francis and A. A. Sprehn.

BAKERSFIELD, Kern Co., Cal.—Rockpile School District defeats proposition to issue bonds of $30,000 to finance construction of new school. (51044) 1st report May 21, 1924

EL CERRITO, Contra Costa Co., Cal.—Town trustees contemplate bond election to finance erection of new city hall and fire house.

SAN PABLO, Contra Costa Co., Cal.—Trustees of San Pablo Grammar School District contemplate construction of new school. It is probable a bond issue will be submitted to finance construction.

CHURCHES

Contract Awarded.
CHURCH Cost, $27,325
BERKELEY, Colusa and Catalina Aves.
One-story frame church bldg.
Owner—The Thousand Oaks Baptist Church.
Architect — Julia Morgan, Merchants Exchange Bldg., San Francisco.
Contractor — Connor & Connor, 1733 Francisco St., Berkeley.

MARTINEZ, Contra Costa Co., Cal.—Adventists Church has appointed building committee to formulate plans for proposed church to be erected at Mellis and Willow streets. Committee consists of S. B. Sneed, H. S. Levis and A. L. James. Temporary quarters are maintained in the Pythian Castle at Martinez.

LOS ANGELES, Los Angeles Co., Cal. Architects Allison & Allison, 1405 Hibernian Bldg., have been commissioned to prepare plans for a new church to be erected at the corner of Wilshire and Plymouth Blvds. for Wilshire Congregational Church. The auditorium section will be erected at once. It will seat 1200 people; reinforced concrete Class A construction, cast stone exterior trim, clay tile roofing. Cost, $200,000.

TURLOCK, Stanislaus Co., Cal.—Swedish Methodist Church purchases old high school property for $15,000 and plans construction of a Sunday school and auditorium on the site. Early construction is not contemplated.

SIMI, Ventura Co., Cal.—Soren Peterson and M. J. Nelson, Route No. 1, Box 64, San Fernando, have the contract to erect a new church at Simi, for the Simi Valley M. E. Church. Arthur G. Lindley and Chas. R. Selkirk, assoc., 800 American Bank Bldg., Los Angeles, des. Auditorium to seat 500, social kitchen, rest rooms, Sunday school depts. Dimensions, 56x82 ft., frame and stucco constr., classical design, comp. rfg., gas rads., aut. water htr., cem. and O. P. fls., O. P. trim, art glass; $40,000.

LOS ANGELES, Los Angeles Co., Cal.—Architect Harry L. Pierce, 603 Wright & Callender Bldg., has completed revised plans and is taking bids for a new church to be erected at Fairfax and Mountain Aves., for the Crescent Heights Methodist Episcopal Church. Auditorium will seat 350 people; there will be Sunday school depts., banquet room and social kitchen. Frame and plaster construction, 56x125 ft., tile roofing, hardwood and O. P. floors, fan system of ventilation, gas radiators, automatic water heater, O. P. trim and art glass.

SACRAMENTO, Cal.—Of $60,000 required to finance construction of Congregational Church, $10,000 has been subscribed, according to Rev. Harley H. Gill, pastor.

FACTORIES AND WAREHOUSES

HUNTINGTON PARK, L. A. Co., Cal.—The U .S. Steel Products Co. is reported to have purchased a 7-acre site at Huntington Park and contemplates the erection of a warehouse and factory building.

Contract Awarded.
FACTORY Cost, $40,000
SAN FRANCISCO, W 6th 275 S Folsom.
Two-story concrete factory.
Owner—W. H. Woodfield.
Engineer & Contractor—J. H. Hjul, 128 Russ St., San Francisco.

Contract Awarded.
FACTORY Cost, $12,000
SAN FRANCISCO, NE Quint and Evans
One-story brick factory.
Owner—F. S. Buckley, 1 Montgomery St. Rm 603, San Francisco.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco.

Sub Contracts Awarded.
FACTORY Cost, $97,625
OAKLAND, Bk bdd. 46th St., Linden St 45th St. and Adeline St.
Two-story reinforced concrete factory.
Owner—Aluminum Cooking Utensil Co.
Contractor—K. E. Parker Co.
Electrical work to Browne-Langlais.
Steel columns, Ransom & McClelland.
As previously reported, excavating was awarded to Arris Knapp Co.; steel to Truscon Steel Co.; sand and rock to Oakland Paving Co., 5000 Broadway, Oakland.

Plans Complete
FACTORY Cost, $—
SAN FRANCISCO, W Hayward 50 S Harrison.
Four-story brick and steel frame factory 25 by 116.
Owner — Riesener Chocolate Co., 415 8th St., San Francisco.
Designer—T. H. Keil, Call Bldg., San Francisco.

Sub-Contracts Awarded.
MACHINE SHOP Cost, $300,000
SAN FRANCISCO. Block bounded by 17th, Mariposa, Florida and Alabama Sts.
Three-story reinforced concrete and brick machine shop.
Owner—American Can Co., 120 Broadway, New York, N. Y.
Plans by Company Engineers.
Contractor — Lindgren & Swinerton, Standard Oil Bldg., San Francisco.
Grading—Carlin Grading Co.
Reinforcing Steel—Edw. L. Soule Co., Rialto Bldg., San Francisco.
Structural Steel—Dyer Bros., 17th and Kansas Sts., San Francisco.
Brick Work—McNear Brick Co., 417 Berry St., San Francisco.
Lumber—J. H. McCallum Lumber Co., 748 Bryant St., San Francisco.
Steel Sash—Truscon Steel Co., 3rd and Mission Sts., San Francisco.
Roofing—Bender Roofing Co., Monadnock Bldg., San Francisco.
Sheet Metal Work—Forderer Cornice Works, 16th St., San Francisco.
Painting—A. Quandt & Son, 374 Guerrero St., San Francisco.

Bids Wanted.
ADDITION Cost, $32,000
SAN FRANCISCO, E Folsom St. from 15th to 16th Sts.
Two-story frame addition to factory.
Owner — American Steel & Wire Co., Folsom and 16th Sts., S. F.
Architect—Owner.

Plans Being Completed.
WHSE. & OFFICES Cost, $12,000
FRESNO, Fresno Co., Cal., West Fresno District.
Brick and tile warehouse and offices.
Owner—California Pottery Co., Mills Bldg., San Francisco.
Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.

Plans Complete
WAREHOUSE Cost, $25,000
OAKLAND, SE Cor. 42nd Ave. and Wattling St.
Two-story concrete warehouse.
Owner—Clorox Chemical Co., 850 42nd Ave., Oakland.

TERRA BELLA, Tulare Co., Cal. — Growers in this vicinity are planning early construction of a community dehydrator capable of accommodating about 300 acres; est. cost bet. $10,000 and $15,000.

MADERA, Madera Co., Cal. — Dan Sunia, 305 South H St., at approx. $25,000 has contract to erect packing plant on S. P. reservation for Isidore Costanzo, grape shipper and buyer of Fresno. Will be 40 by 150 ft.

SAN BERNARDINO COUNTY, Cal.—Sumner Sollitt Constr. Co., Delta Bldg., has been awarded a contract for constructing a transfer table pit at San Bernardino for the Santa Fe Railway Co. Reinf. conc. constr., 120x600 ft. and 4 ft. deep; $40,000.

SAN BERNARDINO, San Bernardino Co., Cal.—Lynch Constr. Co., Central Bldg., has been awarded a contract to erect a flue shop bldg. and sheet metal storage bldg., at San Bernardino for the Santa Fe Railway Co. The bldgs. will be 45x180 ft. and 100x193 ft., respectively; steel frame constr., corrn. asbestos and corru. iron exters., comp. rfs; $50,000.

VISALIA, Tulare Co., Cal.—Acme Ice Cream Co., Roy Greenfield, manager, has had plans prepared for a $20,000 ice cream plant to be erected in the Hyde Tract, bet. E-Main and E-Acequia Sts.

FRESNO, Fresno Co., Cal.—Packing plant of Garcia & Maggini, 240 Drumm street, San Francisco, at Ventura and H streets, recently destroyed by fire, will be rebuilt immediately on a new site. The company suffered a loss in buildings and contents estimated at $125,000.

SAN FRANCISCO—Compagno Bros., 523 Clay St., have purchased 3-story and basement, 55 by 100 ft., loft building at 334 Clay street and will remodel the structure for a poultry, feeding and packing establishment. Floors and walls of the structure are to be cement lined. A cold storage plant will be installed at a cost of $30,000 with a freezer in basement, 30 by 120 ft. Chili room will be 20 by 60 ft.

FILLMORE, Ventura Co., Cal.—D. J. Haire, of Los Angeles, has been commissioned by the Fillmore Citrus Assn to superintend the erection of a new lemon packing plant at Fillmore. The plant, which is on the S. P. Ry., will be of semi-fireproof constr., with reinf. conc. and hollow tile walls and partitions. Hardwood and cement fls., sawtooth type, wooden truss, roof; O. P. veneer panel office partitions; 9 ft. full basement. Mr. Haire, who is superintending a large addition to the lemon house of the Santa Paula Citrus Assn., can be reached at Santa Paula, where he will be glad to confer with material men. W. L. Eggleston, of Monrovia, is on the site of the new bldg. at Fillmore where a construction office has been located. C. A. Edwards, of Los Angeles, has completed the excavating. F. M. Erskine is packing house mgr. at Fillmore. The plant will have storage capacity for 150 carloads, besides curing and packing quarters.

CULVER CITY, L. A. Co., Cal.—The De-Lite Mfg. Co., capitalized at $100,000, will break ground shortly for a 40x140 ft. factory bldg. in Culver City. The company manufactures stationery, inkwell devices, paste, glue, stamp pads and other office sundries. S. N. Felder, of St. Louis, pres.; L. A. Bahner, Hermosa Beach, vice pres.; A. J. Felder formerly director of the Cucamonga Vintage Co., secy-treas.

FRESNO, Fresno Co., Cal.—Garcia & Maggini Co., San Francisco, will expend about $100,000 in rebuilding their packing plant at Ventura Ave. and H St., recently destroyed by fire. Plans for the bldg. have been started. Albert Asher, pres. of the company.

HAWTHORNE, Los Angeles Co., Cal. —The Green Epidosite Industrial Corp., 209 Bartlett Bldg., Los Angeles, is planning to establish a plant in Hawthorne. The company cuts and polishes epidosite, the green granite, which this company controls trough deposits near Victorville. The company is capitalized at $250,000. George Reid, 305 E Pennsylvania Ave., Hawthorne, is president.

SAN FRANCISCO—John A. Roebling & Sons, wire and wire rope manufacturers, 646 Folsom street, San Francisco, has purchased site with 200 ft. frontages on 16th and 17th Sts., and 400 ft. frontages on De Haro and Carolina streets and will erect $250,000 warehouse on the site. Plans being prepared by the engineering department of the company provide for a structure one-story in height, of steel and concrete construction. Main offices of the company are maintained at Trenton, N. J.

FLATS

Plans Complete.
FLAT BLDGS. Cost, $18,000
SAN FRANCISCO, N McAllister 178-3 & 207-2 E Arguello Blvd.
Two 2-story and basement frame flat bldgs. (4 flats in each).
Owner—Christensen Bros., 518 25th Ave San Francisco.

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, W Shotwell 150 S 14th.
One 2-story and basement frame flat bldg. (2 flats).
Owner—Bert K. Davis, 18 Shotwell St., San Francisco.
Contractor—Geo. Wolfenden, 827 Waller St., San Francisco.

Segregated Figures Wanted.
FLATS Cost, $36,000
SAN FRANCISCO, Southwest Corner Grove and Octavia.
Two-story and basement (2) flats.
Owner—E. V. Lacy, 180 Jessie St., San Francisco.

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, N California 85 W Arguello Blvd.
Two-story and basement frame flat (2) building.
Owner—Mrs. Maude L. Dunne, 282 16th Ave., San Francisco.
Architect—A. G. Rizzoli, 2897 Folsom St San Francisco.
Contractor—Nels P. Johnson, 1934 Folsom St., San Francisco

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, E Auburn 68-9 N Jackson.
Two-story and basement frame flat bldg. (2 flats).
Owner—Auguste Cavey, Auburn St. nr. Jackson, San Francisco.
Contractor — Mattock and Feasey, 210 Clara St., San Francisco.

Bids Being Taken.
FLATS Cost, $20,000
SAN FRANCISCO, N S of Washington St. 100 west of Franklin.
Two-story frame flat bldg (3 flats of 5 rooms and 2 baths each).
Owner—Withheld.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.

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3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

GARAGES

Contract Awarded.
GARAGE Cost, $30,000
OAKLAND, NE Cor. 22nd Ave. and E-12th St.
One-story brick garage.
Owner—P. A. Dolan, 22nd Ave. and E-12th St., Oakland.
Contractor—Saunders & Son, 575 62nd St., Oakland.

Contract Awarded.
FLATS Cost, $16,000
SAN FRANCISCO, S 18th 55 W San Carlos Avenue.
Three-story and basement frame flat bldg. (6 flats).
Owner—M. J. Rock, 466 Clipper St., San Francisco.
Architect — W. H. Armitage, 72 New Montgomery, San Francisco.
Contractor—John Harder, 870 39th Ave, San Francisco.

Bids Wanted.
GARAGE Cost, $70,000
SAN FRANCISCO, Eddy St. near Larkin
Two-story and basement reinforced concrete commercial garage.
Owner—Denke, Bowes & Bell.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.

Contract Awarded.
GARAGE Cost, $18,000
OAKLAND, SW Cor. 24th and Harrison Streets.
One-story tile garage.
Owner—Manuel Vargas.
Contractor—Marshall & Burks, 389 17th Street, Oakland.

LOS ANGELES, Cal.—Archts. Noerenberg & Johnson, 401 L. A. Ry. Bldg., are preparing plans for an 8-story and basement class A garage bldg. to be erected on Hope St. between 7th and 8th Sts. for Pacific Motor Service, Inc., of which Roy R. Meads, head of Pacific Rubber Corp., is president. The bldg. will accommodate 600 cars; dimensions, 172x80 ft., reinf. conc. construction, terra cotta and cast stone exter., steel sash, plate glass, ramps; $400,000.

LOS ANGELES, Cal.—Archts. S. Tilden Norton and Frederick H. Wallis, 716 S Spring St., are preparing plans for a brick store and garage bldg., to be erected on 7th St. near Wilshire Pl., for N Akst; it will have 6 stores and large public garage. Dimensions, 120x155 ft., brick walls, press. brick and art. stone facing, comp. rfg., wood roof trusses, plate glass, cem. fls., metal store fronts, metal skylights, tiled store entrances, tile bulkheads, ornam. iron work, tile coping, the garage will contain 10,000 sq. ft. fl. space and will have offices, wash rms., locker rms etc.

GOVERNMENT WORK AND SUPPLIES

PEARL HARBOR, T. H.—As previously reported, bids will be asked shortly by Bureau of Yards and Docks, Navy Department, Washington, D. C., to erect steel tank at Pearl Harbor, under Specification No. 4992. Tank will have capacity of 750,000 gals, and will rest on a steel tower. Plans and specifications may be obtained from the Commandant of the Mare Island Navy Yard on deposit of $5, checks to be made payable to Chief of Bur. of Yards and Docks.

WASHINGTON, D. C.—Until June 23 10:30 a. m., bids will be rec. by General Purchasing Officer, Panama Canal, Washington, under Circular No. 1613, to fur. and del. Balboa (Pacific Port): steel, locomotive springs, cable, wire, manila rope, pumps, pneumatic hammers, chuck fans, tubing, conduit, steel pipe and joints, valves, cocks, yellow metal, lead, sheet copper and brass, bolts, rivets, cable clips, grommets, nails, spikes, hose, wire cloth, poultry netting, chain blocks, oars, shackles, turnbuckles, fuses, insulators, lead sleeving, sockets, street light globes, window shades, closet seats, bristol board, lumber, greenheart timbers, and cross ties. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

SAN FRANCISCO—Until June 24, 12 M, bids will be rec. by Wm. Arthur Newman, Superintendent, U. S. Postoffice Bldg., 7th and Mission Sts., to fur. and install new drapes for U. S. Circuit Court of Appeals, Postoffice Bldg., San Francisco. Spec. and further information obtainable from above.

PUGET SOUND, Wash.—Of the $1,900,000 carried in the Naval Appropriation Bill for the constructin of the new dock and fitting out pier at the Puget Sound Navy Yard, $250,000 will be available this summer, according to word from Washington.

SAN FRANCISCO — Constructing Quartermaster, Fort Mason, is preparing plans for a one-story hollow tile pumping station. Bids will be asked shortly.

WASHINGTON, D. C.—Bids are being received by Bureau of Supplies and Accounts, Navy Department, Washington, D. C., to fur. materials to Navy Yards, as follows, date for opening bids as noted at close of each paragraph:

Sched 2268, for various yards, plate, window, non-scatterable and ribbed glass, June 17.
Sched. 2275, for various yards, 1460 tons coke, June 17.
Sched. 2282, Puget Sound, 42,000 lbs. sheet lead, June 17.
Sched. 2286, for Mare Island, seaming machine chucks and rolls, June 17.
Sched. 2291, for eastern and western yards, compressed oxygen gas, June 17.
Sched. 2293, for eastern and western yards, acetylene gas, June 17.
Sched. 2294, for eastern yards, CO2 gas, June 17.
Sched. 2295, for eastern and western yards, grease and oil cups, June 17.
Sched. 2296, for eastern and western yards, 210 cans galvanized sounding wire, June 24.
Sched. 2300 for Mare Island, 28 anchors, June 24.

SAN FRANCISCO — See "Waterworks," this issue. To ask bids for pumps.

SAN DIEGO, Cal. — Following is complete list of bids received by Bureau of Yards and Docks, Navy Department, Washington, D. C., to erect hospital at San Diego, bids opened June 4:

Item 1, building and walks complete; 2, deduct from item 1 for the omission of work in connection with covered walk; 3, plumbing, sewerage and drainage; 4, inside heating, outside steam distribution, incinerator equipment and electrical work complete; 5, deduct from item 4 for omission of electrical work; 6, entire work under items 3 and 4; 7, deduct from item 6 for omission of electrical work between north ward and covered walks of wards A and C; 8, entire work under items 1, 3 and 4; 9, deduct from item 8 for omission of work under all parts in connection with that portion of the covered walk between north ward and wards A and C; 10, per sq. ft. deducted under items 4, 6 and 8 for radiation furnished by the government.

J. C. Bannister, 903 Mariposa Ave., Los Angeles, Cal., item 1, $344,000; 2, $3000; item 2x, deduct $525 cement, add $650 linoleum, add $125 mastic.

R. E. Campbell, 302 E Anaheim St., Long Beach, Cal., item 1, $357,879; 2, $4100; 3, $44,000; 4, $43,990; 5, $70; 6, $98,790; 7, $70; 8, $445,900; 9, $4200; 10, 30c; telegraph modification.

Lange & Bergstrom, Inc., 627 Commonwealth Bldg., San Diego, Cal., item 1, $354,000; 2, deduct $5000; 2x add $500; 8, $436,000; 8x, add $500; 9, $6000; 10, 25c; 330 days.

Robt. E. McKee, 607 Commonwealth Bldg., San Diego, Cal., item 1, $460,100; 2, $5600; 2x, add $2000; 3, $47,000; 4, $44,000; 5, $100; 6, $86,000; 7, $100; 8, $422,400; 8x, add $2000; 9, $6000; 10, 42c.

W. E. Kier Construction Co., 813 1st Nat. Bank, San Diego, Cal., item 1, $354,000; 2, $6000; 8, $443,400; 9, $6400; 10, 25c; 350 calendar days.

Latourette-Fical Co., 907 Front St., Sacramento, Cal., item 6, $86,800; 7, $116; 10, 46c.

Thomas Haverty Co., 316 E 8th St., Los Angeles, Cal., item 4, $52,648; 5, add $80; 3, deduct $48,064.

James A. Brennan, 914 Texas St., El Paso, Tex., item 3, $41,930.

Elliott Engineering Co., 105 N Mesa Ave., El Paso, Tex., item 4, $40,827; 5 $67; 10, 48c, government part of radiation, and 40c, government radiation.

Campbell Bldg. Co., Salt Lake City, Utah, item 1, $373,182; 2, $5859; 8, $457,044; 9, $6450; 10, 20c.

WASHINGTON, D. C.—Until June 19, 10:30 a. m., bids will be rec. by Purchasing Officer, Panama Canal, under Circular No. 1614 to fur. and del. Balboa (Pacific Port) 10,000 bbls. Port. cement. Further information obtainable from Assistant Purchasing Agent, Fort Mason, San Francisco.

SAN FRANCISCO — Bids will be opened June 25th by Constructing Quartermaster, Fort Mason, to paint 90 buildings at the Letterman General Hospital, San Francisco.

SAN FRANCISCO — Bids will be opened June 17 by Constructing Quartermaster, Fort Mason, to remove and reset marble partitions in the Letterman General Hospital.

HALLS AND SOCIETY BUILDINGS

Contracts Awarded.
BUILDING Cost, $75,000
BERKELEY, N Side of Bancroft Way about 100 E of Shattuck Ave.
Three-story reinforced concrete and steel building adjacent to the present Masonic Temple.
Owner — Berkeley Masonic Temple, Bancroft Way, Berkeley.
Architect — James W. Plachek, 2014 Shattuck, Berkeley.
Concrete awarded to S. Nelson.
Steel to Herrick Iron Works, 18th and Campbell, Oakland.
Brick to McPherson, Chas. F., 2029 E-23rd, Oakland.
(49465) 1st report Feb. 13; 2nd April 21, 1924.

Contract Let.
BANK & LODGE BLDG. Cost, $20,000
WINDSOR, Sonoma Co., Cal.
Three-story reinforced concrete bank and lodge building.
Owner, — I. O. O. F. Osceola Lodge, Windsor, Calif.
Architect—S. L. Hyman, 68 Post St., San Francisco.
Contractor—Henry Mathieson.

Plans Complete.
CLUB ROOMS Cost, $35,000
BERKELEY, Alameda Co., Cal., in vicinity of Memorial Stadium.
Club rooms for visiting teams.
Owner—University of California.
Architect—John Galen Howard and Associates, 1st Natl Bank Bldg., San Francisco.
Construction will be undertaken in three units, only the first unit being erected at this time.

LOS ANGELES, Cal.—Archts. John C. Austin, 1125 Detwiler Bldg. and A. M. Edelman, H. W. Hellman Bldg., assoc., G. A. Lansburgh, consulting archt., have completed plans and are taking bids for erecting the new auditorium bldg. for Al Malaikah Temple, A. A. O. N. M. S., at Jefferson and Royal Sts. It will be class A reinf. conc. constr. and will cost $1,500,000. Bids are being taken separately on the auditorium section and on the banquet hall. Bids will be received and opened at 10 a. m., Aug. 4 and will be opened in public.

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Plans Being Prepared.
ADDITION Cost, $15,000
BERKELEY.
One-room addition to club bldg.
Owner—Berkeley Country Club.
Architect — W. H. Ratcliff, Jr., Mer. Trust Bldg., Berkeley.

The following bids were opened Thursday night by the trustees of the City of Piedmont for alterations and additions to te city hall at Piedmont; plans by Architects Meyer & Johnson, 743 Market St., San Francisco. Bids taken under advisement:

General Contract

Murch-Williams Constr. Co. $27,608
Alternate—extension to fire-house, deduct $6126.
Fred J. Westlund $23,970
$21,370.

Plumbing

L. J. Kruse $2965
Scott Company 2987
deduct $1009.
W. H. Picard 2537
add $1697.
D. W. Durant 2528
deduct $100.
Carl T. Doell 1980
$1980.

Heating

Scott Company $1600
deduct $552.
W. H. Picard 1258
add $510.
D. W. Durant 1390
L. D. Frazee 1334
Allen C. Douglas 1512
deduct $250.
Geo. A. Schuster 1435
Frank J. Edwards 1330
$1252.

Electrical Work

E. M. Coffin .....$ 899
deduct $30.
Advance Electric Company 945
deduct $52.
Roberts Manufacturing Co. 865
$820.

Painting

F. P. Christman $2950
deduct $375.
W. T. Lingard 2506
add $354.
R. Zelinsky 2757
$2357.
(50391) 1st report April 12; 2nd May 21, 1924.

ARCADIA, Los Angeles Co., Cal.—Local B. P. O. E. plans to start work at once on the new $75,000 lodge building planned for the lodge's West White Oak property. An additional $15,000 will be expended for furnishings. Exalted Ruler Crandell has appointed a committee to secure ideas of local Elks regarding the type of building needed here.

SANTA ANA, Orange Co., Cal.—Rudine & Chytraus, 3971 South Normandie Ave., Los Angeles, submitted low bid to Masonic Temple Assn. at $112,500 for remodeling the old Masonic temple at n.e. cor. Sycamore and Fifth Sts. in accordance with plans prepared by H. Newton Thornton, Hill Bldg., Santa Ana. D. A. Dale was low bidder on heating and ventilating at $5125; A. E. Prink was low bidder at $5810 on electrical work. Other bids were:

General: Homan & Tully, $114,780; Hill & Remert, $116,000; William Rohrhacker, $116,650; O. T. Moore, $119,951; R. C. McMillan, $119,500; H. R. Bradley, $119,950; South & Franzen, $128,500; C. McNeill, $130,000.

Heating, etc., S. Hill & Sons, $5487; Ultz Engine and Equip Co., $5992.

Electrical work: J. G. Robertson Elec Co., $5990; Granger Elec. Co., $6893; P. L. Bradford, $7800; Taylor Elec. Co., $8400.

HOSPITALS

ELDRIDGE, Sonoma Co., Cal.—Following bids taken under advisement by State Architect's Office to fur. and install water tube boiler in power house at Sonoma State Home:

Engineering Products Co., Rialto Bldg., San Francisco, Props. A and B, $10,340; C and D, $1720. Alt. A and B, $12,344, time 115 days.

Chas. C. Moore Co., San Francisco, Props. A and B $13,872; C & D, $1747; Alt. C and D, $14,447. 90 days.

HOLLYWOOD, L. A. Co., Cal.—Archt. J. T. Zeller, 215 Currier Bldg., is preparing plans for a 7-story and basement class A hospital and sanitarium bldg. to be erected at Melrose Ave. and Larchmont Blvd. for Hollywood Mineral Springs, Inc., Dr. F. M. Crosby, president. The bldg. will accommodate 250 beds ,and will have dining room to seat 200, surgical rooms, 2 swimming pools, etc.; dimensions, 123x140 ft., steel frame construction, brick walls, reinf conc. fls., press. brick and terra cotta exter., marble and tile work, steam htg., elevators; $750,000.

REDWOOD CITY, San Mateo Co., Cal —W. S. Ray & Co., at $948 awarded contract by supervisors to fur. and install heating system and range in Community county hospital at Beresford.

SAN FERNANDO, L. A. Co., Cal.—Plans and spec. for the new $1,250,000 veterans' hospital near San Fernando will be ready about July 1, according to Major Borden, head of the local bureau, 418 S San Pedro St. The proposed bldgs., which are to be built on a 600-acre tract in the Ford-Craig ranch (in the city of Los Angeles), will comprise two main bldgs. of 300 beds each, an administration bldg., auditorium, open-air theater, employes' bldgs. and a number of cottages to be built in rows, each cottage to accommodate four persons. The main bldgs. will be 5-story each, and similar in type to the bldgs. at Olive View Sanitarium.

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San Francisco, Calif.

LOS ANGELES, Cal.—L. F. Pitcher, 6378 Hollywood Blvr., has the contract to erect a private hospital on Leland Way near Vine St. for Ann E. Benedict, 5353 Virginia Ave. One-story 72 by 107 ft., brick and frame and plas. exter walls, comp. and tile rfg., pine trim, tile work, plumbing, heating; $35,000.

BETTERAVIA, Cal. — See "Hotels," this issue.

SACRAMENTO, Cal. — Bids will be asked at once by Harry W. Hall, county clerk, to install steam heating system and for electric work in connection with county hospital. R. A. Herrold, architect, Forum Bldg., Sacramento. Bids will probably be opened July 7th. Plans are obtainable from architect.

LOS ANGELES, Cal.—Archts. John C. Austin and Frederic M. Ashley, 1125 Detwiler Bldg., have prepared plans and obtained a bldg. permit to construct the foundation for the new St. Vincent's Hospital bldgs., to be erected at 2115 Ocean View Ave. Blds will be taken shortly. It was originally planned to erect new bldgs. at the site of the present hospital at Sunset Blvd. and Beaudry Ave. but a new site has been secured on Ocean View Ave| The bldgs. will be of class A reinf. conc. constr. and will cost $1,500,000.

HOTELS

Preliminary Plans Being Prepared.
HOTEL Cost, $120,000
BERKELEY, Alameda Co., Cal. Dwight Way and College Ave.
Five-story reinforced concrete hotel building (150 guest rooms with 75% baths).
Owner—Leslie R. Wilson, 2216 Blake St., Berkeley.
Architect—Hutchison & Mills, 1214 Webster St., Oakland.

ROSEVILLE, Placer Co., Cal.—L. B. Barton, Sacramento, at approx. $30,000 awarded contract to erect Barker Hotel Annex, 3 stories in height. Johnson and Davis are owners of the structure.

Plans Being Completed.
HOTEL Cost, $—
YOSEMITE VALLEY, Merced River.
Frame cottage style hotel to accommodate 1000 guests.
Owner—Yosemite National Park Co., 689 Market St., San Francisco.
Architect—Edwin J. Symmes, 1st Natl. Bank Bldg., San Francisco.

Plans Being Completed.
ALTERATIONS Cost. $5,000
SAN FRANCISCO. Sixth and Howard Streetes.
Alterations to hotel building.
Owner—Howard Hotel.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.

LANKERSHIM, Los Angeles Co., Cal.—A corporation has been organized to erect a new hotel in Lankershim. The officers are: Dr. C. W. Shirey, pres.; O. J. Renfrew, secy., and F. W. Hicks, treas.

BETTERAVIA, Santa Barbara Co., Cal.—O. C. Marriott Contracting Co. has the contract and has started work on a 60-room hotel, containing nurses' quarters and operating room, at Betteravia, for the Union Sugar Co. Est. cost, $75,000. The dining room and kitchen are separate from the main structure and will cost $14,000.

VAN NUYS, L. A. Co., Cal. — H. C. Beckwith, of Chicago, has purchased a site with a 75 ft. frontage on Sherman Way, Van Nuys, and contemplates erecting a modern hotel.

WALNUT PARK, L. A. Co., Cal.—L. H. Sackett, of Hess & Sackett, 601 S. Belgrave Ave., Huntington Park, is having plans prepared for a class C store and hotel bldg. to be erected at cor. Long Beach Blvd. and Florence Ave., Walnut Park; it will contain 9 stores and lobby on first fl. and 87 hotel rooms in upper fls. Brick walls, 80x80 ft., L-shape, press. brick facing, cement and pine fls., comp. rfg., plate glass; $100,000. The lot is 127x210 ft.

LOS GATOS, Santa Clara Co., Cal.—Vincent Gaffney, 714 Anza St., San Francisco, represents San Francisco capitalists who plan the erection of a 150-rm. fireproof hotel building in Los Gatos at a cost of $500,000 .Options have been taken on 250 acres of land on the Parker and Arnerich properties in the Lone Hill section of the Almaden, about 5 miles from Los Gatos. Crisp and Reilly, Los Gatos realtors, are handling the site arrangements. An 18-hole golf links will be included in the contemplated improvements.

NEWPORT, Orange Co .,Cal.—B. K. Stone, owner of the Parker block, Newport, is authority for the statement that a 3-story brick structure will be started on the site. He also reports that a 60-room hotel to cost about $150,000 will be erected, the ground floor rooms to be used for stores, with the hotel entrance and lobby in the center fronting on Ocean Front. Mr. Stone says the hotel and building will be modern in every respect and that work will start as soon as necessary arrangements can be completed.

SAN BERNARDINO, San Bernardino Co., Cal.—R. E. Dubin has announced completion of plans for a 7-story and part 8-story hotel bldg. to be erected at Fourth and E sts. The bldg. will contain 106 guest rms., 24 double apts., 20 offices, 13 stores and shops, lobby, dining rooms, ballroom, roof garden and sample rms. The bldg. will be U-shaped, with a court-yard facing E St. and of Spanish renaissance architecture. Class A construction, brick exter., tile coping. Present plans provide for work to be started Oct. 1. Cost $600,000.

LOS ANGELES, Cal.—Archt. Harry Genser, 208 Hibernian Bldg., is preparing plans for a 4-story class C hotel bldg. to be erected at cor. of 5th St. and Bonnie Brae Ave. for a local client. It will contain 185 rooms. Dimensions 120 by 155 ft., brick walls, press. brick facing, terra cotta trim, struc. steel, steam htg., tile baths, pine fls., pine trim, metal skylights, fire escapes.

POWER PLANTS

SUB STATION Cost, $25,000
REDWOOD CITY, San Mateo Co., Cal.
Two-story reinf. concrete and steel sub-station.
Owner—Pac. Gas & Electric Co., 445 Sutter St., San Francisco.
Designer and Contractor—Engineering dept. Pacific Gas & Elec. Co.
Excavating to J. Catucci, Oakland.
As previously reported, steel was awarded to Brode Iron Works 37 Hawthorne St., San Francisco.

Plans Being Prepared.
SUB-STATION Cost, $290,000
OAKLAND, Cal., Shattuck Ave. and 41st Street.
Reinforced concrete sub station.
Owner — Pacific Gas and Electric Co., 445 Sutter St., S. F.
Architect—Eng. Dept. of P. G. & E. Co.

REDWOOD CITY, San Mateo Co., Cal —Pacific Gas and Electric Co., 445 Sutter St., San Francisco, plans early construction of a $112,000 power sub-station on West Point Slough near land of Pacific Portland Cement Co. Early construction is planned, Walter T. Kellogg, district manager for company.

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Sub Contract Awarded.
SUB STATION Cost, $60,000
OAKLAND, 20th St. bet. Telegraph and Grove St.
Two-story concrete & reinforced steel sub station "L"
Owner, Designer and Contractor—Pacific Gas & Electric Co., 445 Sutter St., Sa nFrancisco.
Excavating to J. Catucci, Oakland.
As previously reported, steel was awarded to Moore Dry Dock Co., Adeline St., Oakland.

MADERA, Madera Co., Cal. — A. J. Wiley, Boise City, Idaho, has been appointed consulting engineer for the San Joaquin River Water Storage District and will prepare plans for the proposed dam and power house.

FRESNO, Fresno Co., Cal.—Pac. Gas & Elec. Co. appropriates $300,000 for improvements in Fresno and surrounding territory in 1924-25 budget.

LOS ANGELES, Cal.—L. A. Ry. Co., through its engr. dept. has completed plans and is taking bids by invitation only for a sub-station to be erected on s side of 6th St., bet. Central Ave. and Alameda St. Brick walls, 1-story and mezanina fl., 49x57 ft., reinf. conc. roof and mezzanine fl. constr., steel girders and beams, comp. rfg., cement floors; washed air ventilating sys., toilet, ventilating fans, conc. machinery foundations.

STOCKTON, San Joaquin Co., Cal.—Until July 1, 11 a. m., bids will be rec. by Eugene D. Graham, county clk, for alterations and additions to power house at county General hospital. Ralph P. Morrell, architect, Union Bldg., Stockton. Cert. check 10% payable to Chairman of Board of Supervisors req. Plans obtainable from clerk on deposit of $10, returnable.

KLAMATH FALLS, Ore.—First Vice-president and general manager, Paul B. McKee, of the California-Oregon Power Co., announces construction will be started at once on a hydro-electric power project on the Klamath River at Copco; est. cost $4,000,000.

PUBLIC BUILDINGS

SALINAS, Monterey Co., Cal.—Until July 7, 10 a. m., bids will be rec. by T. P. Joy, county clerk, to fur. and install complete burglar alarm system to protect Diebold fireproof safe ,inside dimensions 46-in. wide, 66-in. high, 33-in. deep, housing manganese safe, in office of County Treasurer; system to consist of sheriff's office connection, five hold-up stations and outside and inside gongs. Bidders to submit specifications.

ALHAMBRA, L. A. Co., Cal. — The $50,000 jail bond issue was defeated at the recent election.

Disraeli said: "Confidence is a plant of slow growth." The confidence which architects, contractors, and owners everywhere have in Quandt-quality painting and decorating service has been established through the strictest adherence to the highest standards during the past 40 years. Whether the job be large or small, our paramount interest is to achieve the best result and give full value for every dollar expended. Quandt-quality service is a dependable service and will fulfill all your requirements.
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MONROVIA, Los Angeles Co., Cal.—Architect Paul R. Williams and Milton W. Nigg, engineer, 1400 Stock Exchange Bldg., have been commissioned to prepare plans for a civic center to be erected on Ivy St., Monrovia, for the city of Monrovia; there will be police station, fire hall and garage erected at this time, and there is to be a large city hall erected later. Reinforced concrete construction, one-story and two-story, plaster exterior, tile roofing. Bonds to the amount of $45,000 have been voted.

SANTA MONICA, L. A. Co., Cal. — John Bische is reported to be the successful bidder for constructing a bldg. on lot F, block 170, Fourth St., opp. the Central Arcade, for the U. S. Government, which will lease the bldg. and locate the local postoffice at that address. Mr. Bische is said to have financed his bldg. and is ready to start.

VERNON, L. A. Co., Cal—Archt. Richard D. King, 519 Van Nuys Bldg., is completing plans for a new city hall, fire house and jail to be erected on a 4-acre site on Santa Fe Ave. near Vernon Ave., Vernon, for the city of Vernon; it will contain jail cells, fire engine room, living quarters, court room, offices and lobby. Brick walls. 2-story and basement, reinf. conc. work, press. brick and art. stone exter., cement, tile and hardwood fls., marble work, gas htg. sys., pine and hardw. trim, water htr.; bids will be taken by the city trustees in about 2 weeks.

RESIDENCES

RESIDENCE Cost, $12,142
BERKELEY, Lot 7 Blk 2 Amended Map of Thousand Oaks.
Two-story and basement frame residence.
Owner—R. W. Osborn, Berkeley.
Architect — S. B. Newson and Noble Newsom, 1876 Yosemite, Oakland.
Contractor—E. L. Atkinson 2735 Grove, Berkeley.

Contract Awarded.
RESIDENCE Cost, $15,000
PIEDMONT, 201 Wildwood Ave.
Two-story 8-room residence and garage.
Owner—L. O. Dixon, 1512 7th, Oakland
Contractor—A. J. Yerrick, 5255 College Ave., Oakland.

Contract Awarded.
RESIDENCE Cost, $14,000
PIEDMONT, Alameda Co., Cal., Bellview Ave.
Two-story 8-room residence & garage.
Owner—Mrs. C. F. Bryan.
Architect — Schirmer & Bugbee Co., Thoyer Bldg., Oakland.
Contractor—George Maurer, 177 Ridge way Ave., Oakland.

Contract Awarded.
DWELLING Cost, $15,500
SAN FRANCISCO, E Larkin 87-8½ S Greenwich.
Two-story frame dwelling
Owner—John A. ant Adeline Murray, 135 Fremont St., San Francisco.
Architect — Chas. F. Matsen & Lester W. Hurd, 278 Post St., S. F.
Contractor—Meyer Bros., 603 1st Natl. Bank Bldg., San Francisco.

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Construction to Start at Once.
RESIDENCE Cost, $10,000
SAN FRANCISCO. Forest Hill.
Two-story and basement brick veneer and stucco English residence.
Owner—Earl H. Markwart.
Architect—B. G. McDougall, 838 Sacramento St., San Francisco.

To be Done By Days Work.
RESIDENCE Cost, $10,000
WINSHIP PARK, Marin County, Cal.
Seven-room frame and plaster residence.
Owner—A. Kolmar.
Architect — Walter C. Falch, Hearst Bldg., San Francisco.

Owner To Take Figures.
RESIDENCE Cost, $8000
OAKLAND, Thousand Oaks.
Two-story frame and stucco residence.
Owner—Mrs. Mary Fowler.
Architect — Miller & Warnecke, Alameda Co. Title Ins. Bldg., Oakland.

Completing Plans.
RESIDENCE Cost, $18,000
OAKLAND, Lakemont.
Two-story and basement frame and stucco residence.
Owner—Clifford Adams.
Architect—Miller & Warnecke, Artico Bldg., Oakland.

Bids To Be Taken Next Week.
RESIDENCE Cost, $16,000
SACRAMENTO, 40th St.
Two-story frame and stucco residence and garage.
Owner—Wm. Hart, Sacramento.
Architect—Dean & Dean, Calif. State Life Bldg., Sacramento.

DWELLINGS Cost, $10,000
SAN FRANCISCO, E-36th Ave. 250 275 S Geary.
Two 1-story and basement frame dwlgs
Owner—J. H. Thorup, 2424 Balboa St., San Francisco.
Designer & Contractor—J. H. Thorup, 2424 Balboa St., San Francisco.

Plans Complete.
ALTERATION ETC. Cost, $10,000
OAKLAND, 573 Lake Park Ave.
Alterations and additions to residence.
Owner—H. W. Kleinenbroich, 573 Lake Park Ave., Oakland.
Designer—M. V. Mowbray, Jr.

Contract Awarded.
DWELLINGS Cost, $12,000
SAN FRANCISCO, W 41st Ave. 125 150 175 S Balboa.
Three 1-story & basement frame dwlgs.
Owner—John H. Nay, care contractors.
Contractor—Meyer Bros. 1 Montgomery St., San Francisco.

Bids To Be Taken Shortly.
RESIDENCE Cost, $—
NORTH BERKELEY.
Two 2-story 10-room frame and plaster residences of English architecture.
Owner—J. C. Sperry.
Architect — Henry W. Gutterson, 526 Powell St., San Francisco.

Owner Taking Figures.
DWELLINGS Cost, $12,000
SAN FRANCISCO, E Thirty-fifth Ave. 24 45 and 70 N Cabrillo St.
Three two-story and basement frame dwellings.
Owner—S. F. Johnson, 5770 Fulton St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.

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Contract Awarded.
DWELLINGS Cost, $12,000
SAN FRANCISCO, W 20th Ave. 25 50 75 S Rivera.
Three 1-story and basement framo dwellings.
Owner—St. George Holden, 308 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Wm. L. Terry, 90 Allston Way, San Francisco.

Preliminary Plans Being Prepared.
RESIDENCE Cost, $8000
BERKELEY, Thousand Oaks.
Two-story 7-room frame and stucco residence.
Owner—W. E. Mansfield.
Architect—Edward Glass, Underwood Bldg., San Francisco.

HOLYWOOD, L. A. Co., Cal.—Archt. and Engr. Shattuck & Bowen, 318 Stack Bldg., are preparing plans for a 17-rm. residence to be erected on Hollywood Hills facing Western Ave. for P. D. Mason. Three-story in front and two in rear, 54x90 ft., frame and stone construction, shingle rfg., gas steam htg., 5 tiled bathrooms, aut. water htr, hardwood fls., hardw. trim. There will be extensive landscaping; $75,000.

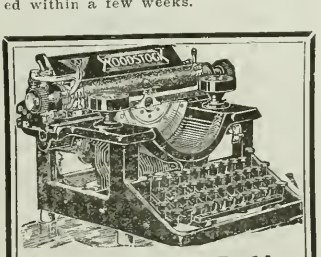
LOS ANGELES, Cal.—David F. Pickens, 1656 N Serrano St., has the contract to erect 11-room residence at n.e. cor. of Berendo St. and Los Fellz Blvd. for Jos. Schuyler. Two-story 58x57 ft., frame and plas. constr., metal lath, hardwd and pine trim and fls., tiled baths, water htr., unlt gas htg; $20,000.

LONG BEACH, L. A. Co., Cal.—Archt. Myron Hunt, 1107 Hibernian Bldg., is preparing plans for a large residence to be erected on E Ocean Ave., Long Beach, for W. T. Hales, Oklahoma City. Sixteen rooms, 5 baths; frame and plas. and masonry constr., clay tile rfg., hardwd. and pine trim and fls., tiled baths, struc. steel, unit htg. system; $100,000.

MONTECITO, L. A. Co., Cal. — Alex MacKellar, 112 E Sola St., Santa Barbara, was awarded contr. by Louis F. Swift at $60,000 for the construction of a 2-story Spanish style residence on the 1000-acre Swift estate in Montecito. The structure will be of native stone taken from the site, with tile roof. Soule, Murphy & Hastings, 1206 State St., Santa Barbara, archts. Mr. Swift was in Santa Barbara two weeks ago and completed all arrangements for the work.

SACRAMENTO, Cal. — F. H. Betz, Ochsner Bldg., Sacramento, at $4998 awarded contract by county supervisors to erect temporary quarters for internes at county hospital. Wm. Keating Sacramento, only other bidder at $5200. R. A. Herrold, architect, Forum Bldg., Sacramento.

SAN BERNARDINO, San Bernardino Co., Cal.—The Golden State Portland Cement Co. plans to erect 40 reinforced concrete bungalows at Oro Grande. The houses will be leased by employees. Employment of 600 men, a capacity crew at the company's plant is expected within a few weeks.



Mr. Architect or Builder
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HAWTHORNE, L. A. Co., Cal.—Milburn & Randall, realtors, are planning to erect 22 4-rm. and 5-rm. houses in Thoralson manor, a 5-acre tract located 2 blocks east of Prairie Ave., south of Ballona Ave., just outside the city limits. Houses will have first class plumbing, hardwd. fls., etc.

LOS ANGELES, Cal.—L. W. Odell & Co., 958 S Vermont Ave., submitted low bid to county supervisors June 9, at $78,532 for general contract (except elec. system) for four additional 2-sto. bldgs. for employees at Olive View sanitarium, near Sylmar. Other bids were: G. W. Young, $79,484; George F. Barber $79,998; McFadden & Winkleman, $83,-950; Barkelew & Gould, $88,910; Thos. E. Young, $92,675; Walter Slater Co., $96,000; United Bldg. and Finance Co., $96,500.

SCHOOLS

Plans Being Figured—Bids Close June 21, 11 A. M.
SCHOOL Cost, $——
HILLSBOROUGH, San Mateo C o., Cal.
Additions to Hillsborough school.
Owner—Hillsborough School District.
Architect—Lewis P. Hobart, Crocker Bldg., San Francisco.
Cert. check 10% payable to Board of Trustees of District required with each bid. Plans obtainable from architect on deposit of $25, returnable. Bids will be opened in office of architect on above date.

New Bids Being Taken—Bids to be Opened June 30 at 11 A. M.
SCHOOL Cost, $25,000
ORINDA PARK, near Richmond, Contra Costa Co., Cal.
One-story cement block school bldg.
Owner—Orinda Park School District.
Architect—James T. Narbett, 910 Macdonald Ave., Richmond.
NOTE:—Bids were rejected on account of irregularity of low bidder.

Plans Complete.
SCHOOL Cost, $65,000
SANTA CLARA, Washington St.
One-story frame and stucco parochial School.
Owner—St. Clare's Parish.
Architect—Jno. J. Donovan, Tapscott Bldg., Oakland.

Commissioned To Prepare Plans.
SCHOOL Cost, $300,000
SAN FRANCISCO, Block bounded by Goettingen, Burrows, Girard and Bacon Sts.
Fireproof school building (Portola Junior High School).
Owner—City and County of S. F.
Archtiect—Joseph & Stone (Bernard J. Joseph), New Call Bldg., S. F.

Commissioned To Prepare Preliminary Plans.
SCHOOL Cost, $150,000
BERKELEY, Alameda Co., Cal., Hillside District.
Fireproof school building (Hillside School).
Owner—City of Berkeley.
Architect—W. H. Ratcliff, Jr., 1st Natl. Bank Bldg., Berkeley.
NOTE—Erection of this structure depends upon voting of bonds to finance construction, the election to be held probably in November of this year, or earlier.

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Commissioned to Prepare Plans.
SCHOOL Cost, Approx. $300,000
SAN FRANCISCO, Block bounded by 16th, 17th, Dehon and Church Sts.
Fireproof school building (Mission Junior High School).
Owner—City and County of S. F.
Architect—John Reid, Jr., 1st Nati. Bk. Bldg., San Francisco.

Commissioned To Prepare Plans.
SCHOOL Cost, $300,000
SAN FRANCISCO, Block bounded by Excelsior, London, Avalon and Madrid Streets.
Fireproof school building (Monroe Junior High School).
Owner—City and County of S. F.
Architect—John Reid Jr., 1st Natl. Bk. Bldg., San Francisco.

Sub-Contracts Awarded.
SCHOOL Cost, $80,000
SAN FRANCISCO. E Fair Oaks 125 S Twenty-fourth Street.
Two-story Class B concrete school.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.
Plumbing to Wm. F. Wilson.
Mill work to S. H. Chase Lumber Co., San Jose.
Heating to Scott Co., 351 12th St., Oakland.
Electrical work—Dowd-Seid Electrical Co., 2369 Mission St., S. F.
Excavating—Farrar & Carlin, 180 Jessie St., San Francisco.
Reinforcing steel to Ed. L. Soule Co., 351 12th St., Oakland.
Cornice Stone—Raymond Granite Co., 3 Potrero Ave., San Francisco.
As previously reported lumber awarded to Lester Loupe Lumber Co.

Commissioned To Prepare Preliminary Plans.
SCHOOL Cost, $150,000
BERKELEY, Alameda Co., Cal., Spruce and Cragmont Sts.
Fireproof school (Cragmont School).
Owner—City of Berkeley.
Architect—Jas. W. Plachek, 2014 Shattuck Ave., Berkeley.
NOTE—Erection of this structure depends upon voting of bonds to finance construction, the election to be held probably in November of this year, or earlier.

Plans Being Prepared
SCHOOL Cost, $300,000
HAYWARD, Alameda county.
Two-story and basement concrete school bldg. 24 classrooms and auditorium.
Owner—Hayward High School District.
Architect—Henry C. Smith, Humboldt Bank Bldg., S. F.

Figures Being Taken — Bids To Be Opened June 14th.
SCHOOL Cost, $12,000
RYER, Sacramento Co., near Rio Vista.
One-story reinforced concrete school building with tile roof.
Owner—Ryer Island School District.
Architect—Dean & Dean, Calif. State Life Bldg., Sacramento.

Plans Being Prepared.
SCHOOL Cost, $400,000
SAN FRANCISCO. Eureka St. bet. 22nd and 23rd Sts.
24-classroom and auditorium school.
Owner—City and County of San Francisco (Alvarado School)).
Architect——G. Albert Lansburgh, 140 Montgomery St., San Francisco.

Plans Being Prepared.
SCHOOL Cost, $400,000
SAN FRANCISCO. Harrison St., bet. Army St. and Precita Ave.
24-classroom and auditorium school.
Owner——City & County of San Francisco (Le Conte School).
Architect — John Galen Howard and Associates, 1st Nat'l. Bank Bldg., San Francisco.

To Ask Bids Shortly.
SCHOOL Cost, $900,000
SAN FRANCISCO. Van Ness Ave. and Fell St.
Fireproof high school building.
Owner——City & County of San Francisco (High School of Commerce)).
Architect—John Reid Jr., City Architect, 1st Nat'l. Bank Bldg., S. F.

Bids Under Advisement.
SCHOOL Cost, $—
FERNDALE, Humboldt Co., Cal.
Frame and stucco school (6 classrms.)
Owner—Ferndale Gramar School District.
Architect—Frank T. Georgeson, Eureka, Califf.
Following is complete list of bids received:

N. E. Baldry	$35,446
F. A. Slingsby	40,000
Klepper & Co.	39,300
O. B. Ackerman	37,994
Maurer & Son	42,490
Carrico and Carrico	37,540
N. N. Jonahsen	42,153

Takes Bids Shortly.
SCHOOL Cost, $18,000
FIGARDEN, Fresno Co., Cal.
Brick and stucco school (2 classrooms, auditorium, principal's office, rest rooms, etc.)
Owner—Figarden School District.
Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.
Bonds have been voted to finance construction.

Bids to be Asked About August 15.
SCHOOL Cost, $400,000
SAN FRANCISCO. Twenty-second and 23rd Ave., California and Clement Sts.
Owner — City & County of San Francisco (Alamo School).
Architect — Miller & Pflueger, Lick Bldg., San Francisco.

Bids to be Asked in September.
SCHOOL Cost, $400,000
SAN FRANCISCO. Seventeenth and Sanchez Sts.
24-classroom and auditorium school.
Owner—City & County of San Francisco (Douglass Everett School).
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.

Figures Being Taken — Bids To Be Opened June 14th.
SCHOOL Cost, $40,000
POINT ARENA, Mendocino Co.
Frame school building.
Owner — Point Arena Union High School.
Architect—Norman R. Coulter 46 Kearny St., San Francisco.

TIMES HAVE surely changed.
• • •
ON BUSY Market Street, San Francisco.
• • •
THEY MOVED a market.
• • •
THAT SELLS food you eat.
• • •
TO MAKE room.
• • •
FOR A beauty shoppe.
• • •
AND A 35-chair barber shop.
• • •
AND ON lower Market Street.
• • •
A FORMER saloon site.
• • •
IS A bobbed hair emporium.
• • •
SO IT is the barber.
• • •
WHO CAN afford.
• • •
TO PAY the high rents.
• • •
IN THESE bobbed hair days.
• • •
SANDY PRATT, President.
• • •
OF THE Pratt Building Material Company.
• • •
PRODUCER OF crushed rock.
• • •
WASHED GRAVEL and clean sand.
• • •
REMEMBERS OUR grandmothers.
• • •
AS SOAP makers.
• • •
OUT OF ashes.
• • •
AND GREASE from the kitchen.
• • •
BUT NOW with fireless cookers.
• • •
AND STEAM heat.
• • •
WE HAVE no ashes.
• • •
SO THE coming grandmas.
• • •
WILL HAVE to buy soap.
• • •
WHEN SANDY Pratt.
• • •
WAS A small boy.
• • •
DOWN IN Tulare.
• • •
THE GIRLS wore underclothes.
• • •
MADE OF flour sacks.

HOW DOES Sandy know.
• • •
BECAUSE HE saw them.
• • •
ON THE clothes lines.
• • •
FLIRTING IN the wind.
• • •
SAYING, "SPERRY'S Best Flour."
• • •
OR "JONES' Oatmeal Mush."
• • •
BUT SHOW Sandy Pratt.
• • •
SELLER OF good rock, sand, etc.
• • •
THE HUSBAND or father.
• • •
WHO HAS the backbone.
• • •
IN THESE days.
• • •
OF SILKS and satins.
• • •
TO ASK his wife or daughter.
• • •
TO WEAR underclothes.
• • •
MADE OF flour sacks.
• • •
"I THANK you."

The wedding of Miss Rock Candy of Prattrock, near Folsom, (home of Sandy Pratt's crushed rock and gravel plant) and B. A. Sandwich of Prattco, Monterey County. (Home of the Pratt Building Material Company's locomotive and sand blasting sand plant). Miss Rock Candy made her wedding trousseau from Sperry flour sacks—a present from Sandy Pratt, sand, rock and gravel producer.

Plans Being Prepared.
SCHOOL Cost, $——
SHAFTER, Kern Co., Cal.
First unit of concrete school (steam heated).
Owner—Shafter School District.
Architect—Edward Glass, Underwood Bldg., San Francisco.

Work Started.
SCHOOL Cost, $15,000
DELHI, Merced Co., Cal.
Concrete block & stucco school (structure will contain 4 classrooms, teachers' rest room and library.
Owner—Ballico School District.
Contractor—Shaw and Rector, Madera.

Plans Being Prepared.
ADDITION Cost, $10,000
CORCORAN, Kings Co., Cal.
Two-classroom addition and extend steam heating system (brick, frame and stucco construction).
Owner—Corcoran Grammar School District.
Architect—Ernest J. Kump Co., Rowell Bldg., Fresno.

Plans Being Prepared.
ADDITION Cost, $15,000
EARLIMART, Tulare Co., Cal.
Classroom additions and remodel and extend steam heating plant (frame, brick and stucco construction, clay tile roof).
Owner—Earlimont School District.
Architect—E. J. Kump Co., Rowell Bldg Fresno.

Takes Bids Shortly.
SCHOOL Cost, $28,000
PINEDALE, Fresno Co., Cal.
Brick and stucco school (2 classrooms and auditorium seating 500).
Owner—Pinedale School District.
Architect — E. J. Kump Co., Rowell Bldg., Fresno.
Bonds have been voted.

Takes Figures Shortly.
ADDITION Cost, $6500
CARUTHERS, Fresno Co., Cal.
Brick, frame and stucco domestic arts room addition to present school (warm air heating).
Owner—Caruthers Union High School District.
Architect — E. J. Kump Co., Rowell Bldg., Fresno .

LIVERMORE, Alameda Co., Cal.—Until June 24, 11 a. m., bids will be rec. by W. L. Meyers, clerk, Livermore Union High School District, to fur. rustic lumber required to construct gymnasium building. Cert. check 10% payable to clerk req. Spec. obtainable from clk.

SAN MATEO, San Mateo Co., Cal.—Sisters of Charity, a Catholic Order, has purchased property of Church of the Divinity School, and plans to erect school and convent buildings costing $200,000, according to unconfirmed reports from San Mateo.

GONZALES, Monterey Co., Cal.—Following bids received by Clerk of the Board of the Trustees of the Gonzales Grammar School District, June 7, for the construction of a one-story reinforced concrete school building to contain 8 class rooms and auditorium, according to plans by Architect Henry C. Smith, Humboldt Bank Bldg., San Francisco. The general contract was awarded to John Branagh, 184 Perry St., Oakland.

General Contract

John Branagh, 184 Perry St., Oakland	$62,788
Monson Bros.	65,240
Cobby & Cowsley	65,777
West Coast Construction Co.	65,846
Carl H. Peterson	65,900
J. F. Shepherd	67,190
Rugge Bros.	73,011

Plumbing

Anderson & Doherty ,Salinas (awarded)	$4813
J. F. Shepherd	4744
A. J. Silva	5450

Electrical Work

Roy Butcher, 68 S Willard St., San Jose (awarded)	4250
J. H. Shepherd	4744
Rattlefinger Bros.	4550
Salinas Electric Co.	4717

Plumbing

J. F. Shepherd, 180 Jessie St., San Francisco (awarded)	$6346
Anderson & Doherty	6906
T. W. Wood	6532
J. A. Nelson	6535

Painting

All bids rejected.	
J. F. Shepherd	$2850
A. Zelinskey	3540
R. Zelinskey	3826
West Coast Construction Co.	3910

Bids of J. F. Shepherd call for all work or none.

PASADENA, L. A. Co., Cal. — The E. O. Nay Co., Pasadena, was awarded the contract at $44,859 for remodeling the heating and ventilating plant at the Pasadena high school. John C. Austin and Frederick M. Ashley, Detwiler Bldg., L. A., architects.

INGLEWOOD, L. A. Co., Cal.—Archt. G. A. Howard, Jr., 820 Story Bldg., is completing plans for a group of new high school bldgs., to be erected at the high school site, Inglewood, for the Inglewood Union High School District. The group will include an academic bldg. and a boys' gymnasium bldg.; they will be of masonry constr., with brick exter. walls and probably tile rfg.; $200,000. Bids will be taken in two weeks.

WATSONVILLE, Santa Cruz Co., Cal.—Bids will be asked shortly by T. S. MacQuiddy, secy. Watsonville School District, to fur. and install lavatories in Lake Avenue grammar school. Plans for the work were prepared by Architects Wyckoff and White, Growers Bank Bldg., San Jose.

ALHAMBRA, L. A. Co., Cal.—G. E. Penn, Alhambra, was low bidder at $24,832.37 on the general contract for erecting an addition to the Granada school bldg. at Alhambra; Allison and Allison, 1405 Hibernian Bldg., archts. Ora King was low bidder on plumbing at $1187 and Pacific Gas Radiator Co. submitted the only bid on heating at $1121. The bids were: General contract —G. E. Penn, $24,832.37; J. F. Kobler, $26,998; Schilling & Brown, $27,980; J. Krouse & Son, $28,325; Willard-Brent Co., $29,891; C. R. Greenough, $28,829.55; Gene B. Fister, $29,768; Walter Slater Co., $31,777; H. E. Tabor, $31,900; H. W. Schlueter, $34,750. Plumbing—Ora King, $1487; South Pasadena Plumbing Co., $1566; Geo. Richardson, $1713; Moorehead Plumbing Co., $1817; Lohman Bros., $1995; Jones Plumbing Co., $2413; Thos. Haverty Co., $2450.

MONTEREY, Monterey Co., Cal.—Until June 28, 1:30 P. M., bids will be rec. by J. McIntosh, Clerk, Monterey Union High School District, to fur. and install cabinet safe. Further information on request to above.

FAIRFAX, Marin Co., Cal.—Until June 23, bids will be rec. by C. W. Dietrich, Clerk, Fairfax School District, to fur. and install desks. Specifications obtainable from Wade F. Thomas, San Anselmo.

LONG BEACH, L. A. Co., Cal.—Until 8:00 p. m., June 23, bids will be rec. by A. L. Price, secy. board of education, 425 Markwell Bldg., Long Beach, for erecting the new 10-room unit and the remodeling of the present bldg. at the Burnett school site, Hill St. and Atlantic Ave., Long Beach. Bids will be taken separately on the general contract, plastering, heating and ventilating, plumbing, painting and wiring. Cost about $100,000. Parker O. Wright and Francis H. Gentry, 315 Marine Bank Bldg., Long Beach, archt. and engr. The present bldgs. will be rearranged inside, exters. plastered, steel truss in auditorium, brick arcades. The new unit will be of brick constr., comp. rf., stucco exter., art stone and terra cotta trim, conc. stairs and corridor fls, steam heating.

STOCKTON, San Joaquin Co., Cal.—Until June 25, 4 p. m., bids will be rec. by Ansel S. Williams, clerk, Board of Education, High School, Lindsay and San Joaquin Sts., to fur. two Bradbord Lathes, 11-in. 3-ft. completely equipped installed in high school. Specifications obtainable from clerk.

SAN FRANCISCO — Following subcontracts awarded by H. J. Mahoney, general contractor on fire station in Mint Ave., bet. 5th and 6th Sts., have been approved by the Board of Public Works:

Granite to McGilvray Raymond Granite Co.
Terra cotta to Livermore Fire Brick Co.
Miscellaneous iron work to Fair Mfg. Company.
Mill work to National Mill and Lumber Company.
Hardware to Joost Bros.

SAN FRANCISCO—O. Monson, general contractor, on Engine House No. 29, contract for which was recently awarded by Board of Public Works, has awarded the following sub-contracts which have received the approval of the Works Board:

Mill work to Acme Planing Mill.
Tile work to Mallott and Peterson.
Iron work to Fair Mfg. Co.
Lumber to Loop Lumber Co.
Glass to W. P. Fuller Co.
Lathing and plastering to Jos. Greenback.

SAN FRANCISCO — Following subcontracts awarded by I. M. Sommer & Co., general contractors, on the Francisco school, have been approved by the Board of Public Works: sheet metal work to Guilfoy Cornice Works; reinforcing steel to Truscon Steel Co.

SACRAMENTO, Cal. — City votes bonds of $550,000 to finance construction of new junior high school. An architect and site are yet to be selected. Chas. Hughes is secretary of the Board of Education.

DURO
California Cedar Products Co.

All-Key Plaster Lath
(Patented)
100% Mechanical Key.

Plaster Wall Board
(Patent applied for)
The Last Word in Wall Board.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

ALAMEDA, Cal.—The following bids were opened June 10th at 8 o'clock p. m., by the Board of Education of the City of Alameda for the construction of a two-story and basement addition to the Lincoln School, according to plans and specifications by Henry H. Meyers, Kohl Bldg., San Francisco:

Proposition 1 & 3 — Excavating, Concrete, Brick and Carpentry Work, Plasterlng and Painting

Alfred Vogt $109,623
Carl H. Peterson 101,500
F. W. Maurice 103,310
Reilly & Nemitz 102,021

Proposition 3 — Carpentry, Plastering and Painting

Carl H. Peterson, 185 Stevenson St., San Francisco $72,800
(1) add $1650; (2) deduct $120; (3) deduct $880; (4) add $2000; (5) add $450; (6) add $450; (7) add $1080.
E. T. Leiter & Son $78,457
(1) add $1800; (2) deduct $500; (3) $—; (4) add $1920; (5) add $450; (6) add $450; (7) add $1200.
Thos. A. Cuthbertson $81,465
(1) add $1600; (2) deduct $500; (3) deduct $40; (4) add $1911; (5) add $400; (6) add $400; (7) add $1400.
M. E. Hopper & Sons $85,640
(1) add $1500; (2) deduct $—; (3) deduct $25; (4) add $2150; (5) add $440; (6) add $410; (7) $2100.
West Coast Construction Co.....$86,431
(1) add $2115; (2) deduct, 532; (3) $—; (4) add $2100; (5) add $690; (6) add $690; (7) $2090.
Reilly & Nemetz $75,174
(1) add $2320; (2) deduct $247; (3) deduct $700; (4) add $1911; (5) add $500; (6) add $500; (7) add $970.
Schnebly & Hostrauser $86,947
(1) add $2179; (2) deduct $500; (3) deduct $37.50; (4) add $2141; (5) add $635; (6) add $650; (7) add $1750.

Contract awarded to Carl H. Peterson on Proposition No. 3.

Heating

W. K. Nottingham, 351 12th St., Oakland $9,222
(1) add $75; (2) add $150; (3) deduct $88.
Allen C. Douglas $9,965
(1) add $275; (2) add $150; (3) deduct $165.
F. J. Edwards $10,237
(1) add $200; (2) add $149; (3) deduct $147.
G. A. Newman $10,350
(1) add $250; (2) add $150; (3) deduct $180.
Scott Co. $10,620
(1) add $590; (2) add $350; (3) deduct $191.
W. H. Picard $10,772
(1) add $496; (2) add $155; (3) deduct $150.
Abeel & Co. $10,636
(1) add $325; (2) add $200; (3) deduct $198.
Carl F. Doell $10,799
(1) add $287; (2) add $214; (3) deduct $105.
F. W. Sncok Co. $11,386
(1) add $75; (2) add $150; (3) deduct $165.

Awarded to W. K. Nottingham al $9222.

Plumbing

F. W. Snook, 596 Clay St., S. F....$6237
(1) deduct $578; (2) add $110; (3) $—
A. Felthammer $8100
(1) deduct $425; (2) add $40; (3) deduct $250.
J. E. O'Mara $7700
(1) deduct $750; (2) add $65; (3) —
Carl T. Doell $8195
(1) deduct $630; (2) add $74; (3) —
Chas. Smith $8400
(1) deduct $360; (2) add $75; (3) deduct $175.
Thos. R. Catton $7397
(1) deduct $629; (2) add $60; (3) —
Scott Co. $7580
(1) deduct $743; (2) add $70; (3) —
G. A. Newman $8594
(1) deduct $550; (2) add $134; (3) deduct $50.
F. A. Goldstein $7749
(1) deduct $700; (2) add $92; (3) deduct $140.
W. H. Picard $9355
(1) deduct $600; (2) add $80; (3) deduct $50.

Contract awarded to F. W. Snook.

Excavating, Concrete, Brick

White & Gloor, Monadnock Bldg., San Francisco $25,725
Carl H. Peterson 29,950
Mealey & Collins 29,800
Hock & Hoffmeyer 27,625
M. B. McGowan 29,287
H. E. Drake 26,300
West Coast Construction Co..... 28,785
E. T. Leiter & Sons 43,587

Awarded to White & Gloor.

Steel & Iron

Brode Iron Works, 37 Hawthorne $7070
Sherman & Hall 8120
Pacific Coast Eng. Co. 7297
Herrick Iron Works 8162
Judson Manufacturing Co..... 9981
Western Iron Works 8444
Golden Gate Iron Works 8500
Schrader Iron Works 8154

Awarded to Brode Iron Works.

Electrical Work

NePage McKinney Co., 351 12th St., Oakland $5090
Strom Electrical Co. 5351
Spencer Electrical Co. 5390
Kenyon Electrical Co. 5700
F. E. Newberry Electrical Co..... 5700
Watts Electrical Co. 6000

Awarded to NePage McKinney Co., at $5090.

STOCKTON, San Joaquin Co., Cal. — The Board of Trustees of the Montezuma School District near Stockton, opened bids on June 11th, for the construction of a two-room frame addition to the present school building. Ralph P. Morrell, Union Building, Stockton is the architect. The contract was awarded to H. H. Henning, 1751 Berkeley Way, Stockton. Following is a complete list of the bids received:

H. H. Henning, Stockton.....$11,465
F. E. Daniels, Stockton.....$11,785
M. A. Orcutt, Stockton 12,446
D. Gray, Stockton 12,639
J. J. Cavanagh, Stockton 13,569

SAN FRANCISCO—Until July 9, 3 p. m., bids will be rec. by Board of Public Works to erect High School of Commerce Addition in north side of Fell Street between Van Ness Ave. and Franklin streets. John Reid, Jr., architect, First National Bank Bldg. Segregated bids are wanted ase follows:

	Est. cost
General construction	$700,000
Mechanical equipment	70,000
Plumbing	40,000
Electrical work	48,000

Work is to be started five days after award of contract and completion within 720 days. Plans obtainable from Bureau of Architecture, 2nd floor, City Hall.

LOS ANGELES, Cal.—Lawrence Ott, 2635 Raymond Ave., has the contract to erect an 8-room and auditorium brick school bldg. on 57th St. bet. Hoover St. and Vermont Ave for Roman Catholic Bishop of Los Angeles and San Diego. Brick walls, comp. rfg., pine trim, maple fls., htg; $50,000.

HERMOSA BEACH, L. A. Co., Cal.—Archt. Richard D. King, 519 Van Nuys Bldg., has completed plans for a grammar school bldg. to be erected at Hermosa Beach for the Hermosa City School District; it will contain 4 units. Brick walls, 97x57 ft., tile rfg., 1-story and part basement, plaster exter., maple fls., gas htg. sys., slate blackboards, pine trim. Bids now being taken.

VENTURA, Ventura Co., Cal.—Albert E. Hogsett, 1016 N Wilcox Ave., is completing plans for a 3-room grammar school bldg. to be erected one mile out of Ventura at the Avenue school site for the Avenue school board. Reinf. conc. constr., 1-story, tile rfg., plaster exter., maple fls., gas steam rads., marble toilet partitions, tile toilet fls., slate blackboards; $40,000. Bids will be taken in about two weeks.

BEVERLY HILLS, L. A. Co., Cal.—Archts. Gable & Wyant, rm. 8, 634 S Western Ave., are preparing plans for extensions and alterations to the present Beverly Hills grammar school on Rexford Dr., an additional 7-classrm. unit and new manual arts bldg., to adjoin. Separate bids will be received in a few days for the foundations. Hollow tile constr., stucco exters., tile rfs., cem. and hardwd. fls., metal lath and tile partitions. An entire new steam heating plant for the entire group of bldgs. will be installed.

EAST NICOLAUS, Sutter Co., Cal.—Until June 21, 10 A. M., bids will be rec. by Mrs. Daisy Corliss, clerk, Illinois School District, to construct addition to present school. Plans obtainable from residence of clerk at East Nicolaus.

LOS ANGELES, Cal.—Archt. Harry Hayden Whiteley, rm. 10, 634 S Western Ave., is preparing revised plans, enlarging capacity, for the additional unit to be erected at the Micheltorena school site, Sunset Blvd. and Micheltorena St. Cost $105,000. Eight classrooms and auditorium, 2-story and basement. Brick constr., hardwd. fls., pine trim, face brick exter., library, domestic science dept., manual training dept.

LOOMIS, Placer Co., Cal.—The following bids were opened by the Clerk of the Board of Trustees of the Loomis School District for the construction of a one-story frame and stucco gymnasium and auditorium building, according to plans by Architect Geo. C. Sellon & Co., of Mitau Bldg., Sacramento:

General Contract

I. C. Boss, 2615 K St., Sacto.....$49,984
Holdener Construction Co. 50,662
H. S. Holt 52,900
Campbell Construction Co..... 53,480
H. W. Robertson 54,390

Plastering

Thos. P. Scollan Co., Sacramento $ 9,433
H. S. Holt 10,294
H. W. Robertson 10,648

Painting

Thos. Schneider $2089
H. W. Robertson 2280
E. H. Cox Jr. 2192
H. S. Holt 2363

Sheet Metal

Latourrette-Fical, 907 Front St. Sacramento $1300
Sinclaire & Bessey 1565

Roofing

Allyn Burr Roofing Co., 11th & R Sts., Sacramento $2779
R. Larsen Co. 2809
Gladden, McBean Co. 3015

Plumbing

Luppen-Hawley, 906 7th St., Sacramento $4975

Electrical work

Electrical Supply Co., 814 J St., Sacramento $3675
California Mechanical & Eng. Co. 3850

Electrical Heating

Electrical Supply Co. $5975
Calif. Mechanical & Eng. Co..... 6250

Mechanical Equipment

Latourrette-Fical Co. $13,500

The following contracts were awarded for the construction of a one-story reinforced concrete high school building to contain 25 classrooms and auditorium at San Rafael, Marin County, from plans by Architect Shea & Shea, Chronicle Bldg., San Francisco.

General contract to Barenchi & Paganini, 327 Georgia St., Vallejo.

Electrical work to Turner Co., 272 Natoma St., San Francisco, at $7420.

Plumbing to Turner Co., at $13,380.

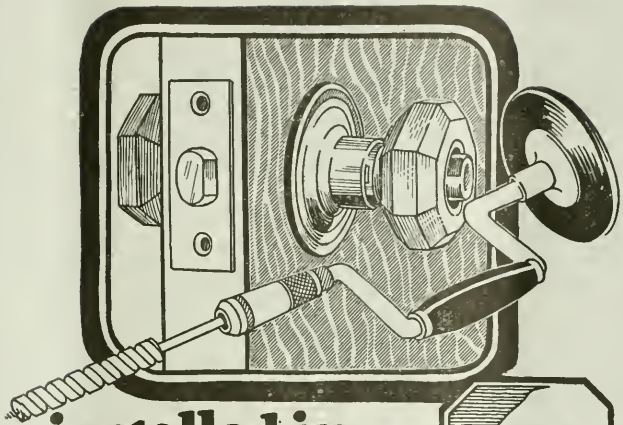
Heating to W. K. Nottingham, 368 10th St., Oakland at $12,271.

SANTA MONICA, L. A. Co., Cal.—Until 8 p. m., June 16, bids will be rec. by board of education of the Santa Monica city school dist., at the office of the board, 1333 Sixth St., for the construction of the new Grant school, in accordance with plans and spec. prepared by Archt. Francis D. Rutherford, 205 Mills-Fraser Bldg., Santa Monica. Bids will be rec. separately for general plumbing and heating, plastering, and electrical work. Cert. check or bond 5%. Plans and spec. may be obtained upon deposit of $10. Theo. H. Schoenwetter, secy. This bldg. will contain 5 classrooms, auditorium, and a cafeteria, comprising an addition to the Grant school in Fairview Hts.; est. cost $70,000.

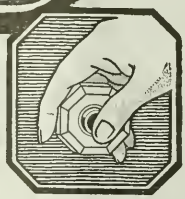
Followlng bids were received June 3rd by Clerk of the Board of Trustees of the Wasco Grammar School, Kern County, for the erection of a kindergarten school building according to plans by Architect Eugene K. Martin, Arlington Bldg., Bakersfield, Kern Co., Calif.:

Zimmerman & Lindsey.....$18,816
Deduct $515 for tile roof.
F. Burns 18,966
Deduct $628 for tile roof.
Wm. Diener 19,883
Deduct $643 for tile roof.

PITTSBURG, Contra Costa Co., Cal.—Until June 12, 1:15 p. m., bids will be rec. by Armand Stow, clerk, Pittsbrug School District, to erect three portable school buildings. Specifications obtainable from Supt. of Schools Fred S. Ramsdell, Pittsburg.



installed in 10 minutes



to lock just press the button in the knob

to unlock just turn the knob

Two holes in the door and four screws to hold the lock in place. That's all. No complicated mortising. No screws in spindle, knob, or escutcheon. No adjusting. And so simple there is no possibility of even the most inexperienced workman making mistakes to cause future trouble. Sold by leading hardware dealers.

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SAN RAFAEL, Marin Co., Cal.—Following bids were received June 4th by the Board of Education of San Rafael for alterations to the Coleman Primary School building.

M. Linggi	$8763
J. P. Williams	9150
A. Christensen	9832
S. A. McDougal & Son	10,433
Frank H. Allen	10,490

All bids are under advisement until Board meets June 9th.

SAN MATEO, San Mateo Co., Cal.—Until June 18, 6 p. m., bids will be rec. by J. R. Murphy, clerk, San Mateo Union High School District, to fur. supplies, equipment, maple floor in gymnasium, lumber, cement flooring, well, sump and pumping machinery. Further information obtainable from clerk.

OAKLAND, Alameda Co., Cal.—The following bids were opened June 6th by the Board of Education for the construction of a two-story reinforced concrete school building, to contain 9 rooms, auditorium and principal's office according to plans by Architect John J. Donovan, 1916 Broadway, Oakland:

Alfred Olsen, 351 12th St., Oakland	$103,128
Add $200 for sidewalks.	
M. E. Hopper & Son	104,573
Add $489 for sidewalks.	
Fred J. Westlund	105,740
Add $10 for sidewalks.	
Reilly & Nemitz	109,000
Add $500 for sidewalks.	

(48096) 1st report Oct. 13, 1923; 6th

SONOMA, Sonoma Co., Cal. — C. C. Bean, Sonoma, at $26,940 awarded contract by Sonoma Grammar School District, for 2-room addition and heating system for present grammar school. Bonds were recently voted to finance the work.

SAN DIEGO, San Diego Co., Cal.—Great Western Bldg. Co., San Diego, was awarded contract by the Board of Education at $79,577 for constructing the new McKinley elementary school building in East San Diego. Requa & Jackson, San Diego, architects.

SAN DIEGO, San Diego Co., Cal.—Until 7:30 P. M., June 16, bids will be received by Board of Education for the construction of an elementary school building on the Switzer Tract, Nordica Heights, San Diego, from plans and specifications furnished by William H. Wheeler, architect, Spreckels Bldg., San Diego. Cert. check or bond, 2%. Will Angier, secretary of the Board. This building will be one-story, 4-room, of tile and plaster construction.

RAYMOND, Wash. — Archt. Chas. Burggraf, Albany, Ore., has completed plans for three-story 160 by 60 ft., school with auditorium, 60x80 ft., to be erected at Raymond. This is first unit of structure which will ultimately cover 160 by 140 ft. Will be reinforced concrete with white cement and stonetone stucco finish. Auditorium will seat 1200.

HEALDSBURG, Sonoma Co., Cal.—Consolidation of the Dry Creek, Manzanita, Lambert, Gregg, Hamilton and Pena school district is proposed. Should the consolidation be perfected, an election will be called to vote bonds of $50,000 to finance erection of a new school.

BAKERSFIELD, Kern Co., Cal.—Bids will be asked at once by Kern County Union High School District for repairs and extensions to school heating plants. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield.

BANKS, STORES & OFFICES

Contract Awarded.
STORES Cost, $23,000
VALLEJO, Solano Co., Cal., Georgia & Santa Clara Sts.
One-story concrete store bldg. 6 stores.
Owner—S. Dannenbaum, Vallejo.
Architect—Lutgens & McBain, Vallejo.
Contractor—Barenchi & Paganni, Vallejo.
(51206) 1st report May 29, 1924. 16

Bids Wanted.
STORE & OFFICE Cost, $30,000
SAN JOSE, Santa Clara bet. Market and First Streets.
Alterations to 3-story store and office building.
Owner—Auzerais Bldg. Co.
Architect—A. H. Knoll, Hearst Bldg., San Francisco.
Bids are being taken for the plastering and sheet metal.

Sub Contracts Awarded.
STORE & OFFICE Cost, $350,000
SAN JOSE, 1st and San Carlos Sts.
Five-story reinforced concrete store & office building.
Owner—Sainte Claire Realty Co.
Architect — Weeks & Day, 315 Montgomery St., San Francisco.
Contractor—Cahill Bros.
Excavating awarded to Carlin Grading Company.
Pile driving to M. G. McGowan.

Sub-Contracts Awarded.
OFFICE BLDG. Cost, $1,250,000
SAN FRANCISCO, NE Post and Mason Streets.
Fifteen-story Class A Physicians and Dentists office building.
Owner—Medico-Dental Building Cptn.
Architect — Geo. W. Kelham, Sharon Bldg., San Francisco.
Engineer—H. J. Brunnier, Sharon Bldg. San Francisco.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco.
Plumbing, heating, ventilating and wiring to The Turner Co., at $192,000.
As previously reported:
Elevators to Otis Elevator Co., 2300 Stockton St., San Francisco.
Ornamental terra cotta and roofing to Gladding, McBean & Co., Crocker Bldg., San Francisco.
The Moore Dry Dock Co., Balboa Bldg., was awarded the steel contract.

Bids Wanted.
STORE FIXTURES Cost, $10,000
LOS ANGELES, Cal., 818 S Broadway.
Owner—Sherman Music Co.
Architect—Vernon Houghton, 275 Post St., San Francisco.

Contract Awarded.
STORE Cost, $21,270
OAKLAND, E Telegraph near 28th St.
One-story concrete store building.
Owner—S. H. Buteau 1307 Broadway, Oakland.
Architect—Reed & Corlett, Oakland Bk Bldg., Oakland.
Contractor—Cahill Bros., Inc., Franklin near 15th, Oakland.

Sub Contracts Awarded.
OFFICE & STORE Cost, $490,000
OAKLAND, 19th & Broadway, adj. Tapscott Bldg.
Ten-story concrete office and store (pressed brick exterior) 225 offices 4 stores an arcade and 3 elevators)
Owner—F. W. Ray.
Architect—Willis C. Low, Monadnock Bldg., San Francisco.
Contractor—Palmer & Clinton, Monadnock Bldg., San Francisco.
Grading awarded to J. Catucco, Oakland.
Reinforcing concrete to Edw. L. Soule, Rialto Bldg., San Francisco.
Mill work to Sunset Lumber Co., Oakland.
Plumbing and heating to W. H. Picard, 5656 College Ave., Oakland.
Painting to D. Zelinsky & Sons, 165 Grove St., San Francisco.
Glass and glazing to Tyre Bros., 666 Townsend St., San Francisco.
Plastering to A. Knowles, 706 Ellis St. San Francisco.
Electrical work to Severin Electric Co.
Brick work to White & Gloor, Monadnock Bldg., San Francisco.
Marble to Eisele & Dondero, Emeryville.
Elevators to Otis Elevator Co., S. F.
Tile to Rigney Tile Co.
Metal sash to Truscon Steel Co.
Roofing to A. K. Goodmundson, Oakland.

Contract Awarded.
STORE BLDG. Cost, $11,818
BERKELEY, San Pablo & University Avenue.
One-story class C brick store bldg.
Owner—G. A. Mattern, Berkeley.
Architect—Louis M. Upton, 454 Montgomery St., San Francisco.
Contractor—Walter Sorensen, 3221 Ellis St., Berkeley.

Sub-Contracts Awarded.
OFFICE BLDG. $2,500,000 Approx.
SAN FRANCISCO. New Montgomery and Minna Streets.
Twenty-six-story Class A steel and reinforced concrete office building with terra cotta exterior.
Owner—Pacific Telephone & Telegraph Company.
Architect — Miller & Pflueger, Associated with A. A. Cantin, Foxcroft Bldg., San Francisco.
Contractor — Lindgren-Swinerton Co., Inc., Standard Oil Bldg., S. F.
Brick work to McNear Brick Co. and Richmond Brick Co.
Terra Cotta to Gladding, McBean & Co.
Elevators to Otis Elevator Co.

Bids To Be Taken Next Week.
OFFICE BLDG. Cost, $100,000
OAKLAND, 13th and Franklin Sts.
Five-story class C office building.
Owner—Karl Raentsch.
Architect—H. H. Winner, 55 New Montgomery St., San Francisco.
June 5, 1924
Contract Awarded.
STORE BLDG. Cost, $10,000
OAKLAND, E Park Blvd. 225 S Excelsior Ave.
One-story store building.
Owner—M. Clanciarulo, 314 Sheridan Ave., Piedmont.
Contractor—John Perona, Builders Exchange, Oakland.

Contract Awarded.
AUTO BLDG. Cost, $14,800
OAKLAND, N Side Broadway 128 to 250 So. of Mosswood Park.
One-story auto sales and service bldg.
Owner—Hebrank Hunter & Peacock, 3020 Broadway, Oakland.
Architect—Wythe, Blaine & Olson, 1800 Telegraph Ave., Oakland.
Contractor—Herrick Iron Wks., 18th & Campbell, Oakland.

Contract Awarded.
STORES Cost, $11,380
SACRAMENTO, 1401-7 J.
One-story building containing 5 stores.
Owner—Marks, Nathan & Michel, 724 J, Sacramento.
Contractor — Siller Bros., 1616 13th, Sacramento.

Segregated Figures Being Taken.
OFFICE BLDG. Cost, $100,000
OAKLAND, 13th and Franklin Sts.
Five-story class C office building.
Owner—Karl Raentsch.
Architect—H. H. Winner, 55 New Montgomery St., San Francisco.

Plans Complete—Owner To Take Figures.
STORE BLDG. Cost, $10,000
SAN FRANCISCO, Monterey Blvd. bet. Foster and Tennessee Sts.
One-story frame store bldg.
Owner—R. Mohr & Sons, Pacific Bldg., San Francisco.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Contract Awarded.
ALTERATIONS Cost, $——
OAKLAND, Alameda Co., Cal. No. 1440 San Pablo Avenue.
Extensive alterations to store (new store fronts and interior remodeling).
Owner—Dorothy's.
Architect — Henry Shermund, Hearst Bldg., San Francisco.
Contractor—C. A. Brady, 180 Jessie St., San Francisco.

SEATTLE, Wash. — Archts. Harlan Thomas and Schack, Arcade Bldg., Seattle, Young and Myers, Central Bldg., Seattle, associates, take bids until June 16 to erect 3-story and basement and sub-basement, concrete and steel class A, 111 by 120 ft., Chamber of Commerce building at 3rd ave. and Cherry street.

HUNTINGTON PARK, L. A. Co., Cal.—Walter Slater Co., 2314 Santa Fe Ave. has the contract at about $75,000 to erect a bank and office bldg. at s.e. cor. Clarendon Ave. and Pacific Blvd., Huntington Park, for the Hellman Commercial Trust & Savings Bank; the first floor will contain banking space and stores and upper floor will have about 45 offices. Brick walls, 33x150 ft. comp. rfg., press. brick facing, art. stone trim, plate glass ,struc. steel, cement, tile and hardw. fls. elevator vault and vault door, etc. A. S. Heineman, 831 San Fernando Bldg., archt.

Contract Awarded.
TELEPHONE BLDG. Cost, $800,000 Approx.
LOS ANGELES, Cal.—Olive St., bet. 4th and 5th Sts.
Nine-story Class A telephone building. 120x127. (Steel frame, brick filler walls, pressed brick and terra cotta facing, steel sash, plate glass and reinforced concrete floors).
Owner—Southern California Telephone Company.
Architect—Bliss & Faville, Balboa Bldg., San Francisco, and Los Angeles.
Contractor—Mathis Constr. Co., L. A.
Contract includes all work except the steel.

LONG BEACH, L. A. Co., Cal.—Archt. W. Horace Austin, 521 Pac. S. W. Bldg., Long Beach, is completing plans and bids will be received shortly from Los Angeles and Long Beach contractors for erecting a 4-story and basement brick newspaper plant and business bldg. at the cor. of 6th St. and Pine Ave Long Beach, for the Long Beach Press. W. F. Prisk, editor, 434 Pine Ave., Long Beach. Found., 50x150 ft., face brick, plate glass and terra cotta fronts, cement and hardwood floors, comp rfg., steam heating, one passenger and one freight elevators.

PASADENA, L. A. Co., Cal.—Curlett & Beelman, 408 Union Bank Bldg., and Frederick L. Kennedy, Jr., 25 Green St., Pasadena, assoc. archts., have been commissioned to prepare plans for a class A furniture bldg., to be erected on E Colorado Ave. near Oakland Ave., Pasadena, for the Pasadena Furniture Co.; it will contain show rooms, sales rooms, offices, warehouse space, storage rooms and work shops. Reinf. conc. constr., 7-story and basement, art. stone facing, 73x170 ft., comp. rfg., cement, tile and hardwood fls., steel sash, 3 elec. elevators, plate glass, etc.

LOS ANGELES, Cal. — Archt. W. S. Hebbard, 534 I. W. Hellman Bldg., is preparing plans for a 4-story class B store and loft bldg. to be erected on s.w. Cor. W 7th and Park View Sts. for R. N. Park. There will be 4 stores on first floor. It will be of Spanish design. Dimensions, 100x140 ft., brick walls, plaster exter., tile and comp. rfg, wrought iron balconies, ornam. iron, wood and cem. fls., elevators; $400,000.

LOS ANGELES, Cal.—J. S. Metzger & Son, 1007 S Grand Ave., have the contract to erect a clinic bldg. on Bonnie Brae St. near 6th St. for Drs. Moore, White & Hill. Staunton, Webber & Spaulding, 1017 Hibernian Bldg., archts. Two-story, 67x150 ft., frame construction, hollow tile veneer, plastered exter, tile and comp rfg., pine trim, tile work; $50,000.

LONG BEACH, L. A. Co., Cal.—Archts Piper, Kahrs, Dedrick & Bobbe, 441 E First St., Long Beach, have prepared preliminary plans for a $100,000 2-sto. class A store and office bldg. to be erected at n.e. cor. Anaheim Ave. and American Ave., Long Beach, for Mrs. Margaret Sweningsen, 3610 Lincoln Ave., Los Cerritos. Found. 50x150 ft., full basement, 8 stores, 17 offices. Steel frame, brick walls, enam. brick, terra cotta, and plate glass facing, terrazzo and marble lobby floor and entrance, oak fls., cork carpet corridors.

LOS ANGELES, Cal.—J. S. Metzger & Son, 1007 S Grand Ave., have the contract to erect a 2-story office bldg. on Bonnie Brae Ave. near 6th St. for P. G. White, R. B. Hill and E .C. Moore, Webber, Staunton & Spaulding, 1017 Hibernian Bldg., archts. Frame constr., comp. rfg., hardwd. fls., pine trim; $45,000.

ALHAMBRA, L. A. Co., Cal.—Pac. Tel and Tel. Co. proposes to erect a 3-story conc. and steel telephone bldg. on First St. costing $100,000. Work is to be started some time this summer. Equipment will cost about $150,000. Charles H. Reed, mgr.

SAN BERNARDINO, San Bernardino Co., Cal.—Associated Telephone Co. will start work next month on a $50,000 class A office bldg. at E and Victoria Sts. The bldg. will be part 2 and part 1-story and contain both the commercial and operating depts. O. A. Prest, manager.

PASADENA, L. A. Co., Cal.—Manager C. W. Norris, Home Telephone Co., 70 N Raymond Ave., Pasadena, reports that the company's engineering dept. in San Francisco is preparing working drawings for a 7-story class A telephone service bldg. to be erected at the s.e. cor. of E Colorado St. and Oakland Ave., Pasadena, for the company. Reinforced concrete construction.

PASADENA, L .A. Co., Cal.—Clarence P. Day Corp., Boston Bldg., Pasadena, has the general contract at $96,815 for erecting a 2-story and basement reinf. conc. bldg. to be known as the Treasure House, at 46 N Los Robles Ave. for Miss Grace Nicholson, dealer in art objects. Marston, Van Pelt & Maybury, 25 S Euclid Ave., Pasadena, archts. L-shape found. about 100x165 ft., slab roof, Chinese tile trim, copper ornamentation, ornam. iron work, display and storage rooms, owners living apts., art galleries, 3 bathrooms, 3 public toilets.

THEATRES

Plans Being Prepared.
ALTERATIONS Cost, $30,000
BURLINGAME, San Mateo Co., Cal.
Theatre alterations.
Owner—Garden Theatre, Burlingame.
Architect — Mitchell-Jackson Co., San Mateo.
Improvements will consist of remodel exterior and installation of new store fronts; redecorating the interior, rearranging lobby and enlargement of offices.

Plans Being Revised.
THEATRE Cost, $120,000
SACRAMENTO, Sacramento Co., Cal. Cor. Thirty-third St. and Sacramento Blvd.
Class A store and theatre building.
Owner — M. Blumenfeld and Samuel Gordon.
Architect—Reid Bros., 105 Montgomery St., San Francisco.

Figures To Be Taken Next Week.
THEATRE Cost, $20,000
KING COUNTY, Monterey Co., Cal.
One-story reinforced concrete or hollow tile motion picture theatre.
Owner—Leslie Hables.
Architect—Miller & Warnecke, Perry Bldg., Oakland.

PASADENA, L. A. Co.. Cal.—The Littleton Co., 608 E Colorado St., Pasadena has broken ground for the erection of the new community theater on El Molino Ave. nr. Colorado St., Pasadena, for the Community Players Assn. Elmer Grey, 622 Bank of Italy Bldg., L. A. archt. Littleton Co., des. and engr., assoc. Brick and conc. constr. Cost about $150,000.

LONG BEACH, L. A .Co., Cal.—Carl Boller, 340 Douglas Bldg., Los Angeles, has completed plans for a 3-story class A theater, store and cafe to be erected on Seaside Blvd. and Collins Way, Long Beach. There will be 6 stores on first floor and theater to seat 1400 people. 3rd floor will be used as a cafe. Dimensions 95x115 ft., steel frame, reinf. conc. constr., brick front, hollow tile walls, terra cotta trim, cem. and wood fls., ornam. iron, marquise, fire escapes, ornam. plaster; $175,000. Plans with owners, who will take bids until June 15th.

OCEAN PARK, L. A .Co., Cal.—Archt. Alfred F. Priest, 719 Fay Bldg., has completed plans for a class A theater bldg. to be erected at Ocean Park for the Raymond Amusement Co. It will be called the Rosemary Theater. The auditorium with balcony will seat 2000 people; dimensions, 100x174 ft; foyer, rest rms., offices, 2-story, reinf. conc. constr., steel roof trusses, steel balcony; $250,000. Work is being started by the day. D. M. Gamble, supt.

LAS VEGAS, Nevada—Archt. Richard D. King, 519 Van Nuys Bldg., has completed plans for a theater and office bldg. to be erected at Las Vegas Nev., for Craging & Pike, Las Vegas; the theater will have a seating capacity of 800 and three will be 2 stores and 6 office suites. Brick walls, plaster exter tile rfg., plate glass, cement and hardwood fls., steam htg. sys., 2-story and basement, ventilating sys.; owner is taking blds.

LONG BEACH, L. A. Co., Cal.—Carl Boller, 340 Douglas Bldg., Los Angeles has completed plans for a 3-story, class A theater, store and cafe to be erected on Seaside Blvd. and Collins Way, Long Beach, for Donely & Bolinger, 226 E Seaside Blvd. Long Beach. There will be 6 stores on 1st fl. and theater to seat 1400 people, 3rd floor will be used as a cafe. Dimensions: 95x115 ft., steel frame, reinf. conc. constr., brick front, hollow tile walls, terra cotta trim, cem. and wood fls., ornam. iron, marquise, fire escapes, ornam. plaster; $175,000. Plans with owners, who will take bids June 15th.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Prepared.
SUB STATION Cost, $25,000
NEAR REDWOOD CITY.
One-story reinforced concrete sub station.
Owner—Pac. Gas & Elec. Co.
Architect—Engineering Dept. Pac. Gas & Elec. Co.
This plant will be built in connection with the Pac. Portland Cement Co.'s plant near Redwood City.

ALAMEDA, Alameda Co., Cal.—Until June 17, 5 p. m., bids will be rec. by C. J. DuFour, secy. Board of Education, City Hall, Oak and Santa Clara Ave., to furnish lumber for manual training departemnts, to be delivered f. o. b. various schools. Lists of materials desired obtainable on request. Cert. check 10% req. with each bid.

STOCKTON, San Joaquin Co., Cal.—County Clerk Eugene Graham instructed to advertise for bids to erect 3 additional horse barns at county fair grounds, bids to be opened at the July meeting; est. cost $10,000.

SAN FRANCISCO — Until June 23, 2:30 p. m., bids will be rec. by Leonard S .Leavy, city purchasing agent, 270 City Hall, to fur. and del. lumber required by city from July 1 to Dec. 31, 1924.

YUBA CITY, Sutter Co., Cal.—Construction of a natatorium at the foot of Second St., near the Feather river by Sacramento capitalists has been abandoned, State Board of Health opposes erection of structure declaring that the river is polluted by drainage entering the stream. Plans for the building were being prepared by Architect Geo. C. Sellon, Mitau Bldg., Sacramento.

STOCKTON, San Joaquin Co., Cal. — Until July 1, 11 a. m., blds will be rec. by Eugene D. Graham, county clk., to construct Sections A, B and C of new horse barns at county fair grounds Wright and Satterlee, architects, Bank of Italy Bldg., Stockton. Cert. check 10% payable to Chairman of Board of Supervisors req. Plans obtainable from clerk on deposit of $10, returnable.

SAN FRANCISCO — Officials of the San Francisco Base Ball Club, 15th and Valencia streets, are negotiating for site in "south of Market" section on which it is planned to establish an athletic and football stadium; est. cost, $1,000,000. Will be of bowl type of construction. Plans will provide for two-deck grand stand, bleachers and parking space for 25,000 automobiles.

OXNARD, Ventura Co., Cal.—Roland C. Casad, 175 S Virgil Ave., Los Angeles, owner of considerable land near Hueneme, is planning to establish a resort and amusement project there.

RICHMOND, Contra Costa Co., Cal.—City council will advertise at once for bids to purchase $85,000 municipal bath house bond issue. Following architects have submitted offers to council seeking commission to prepare plans for the structure: Ernest Voorhies, Richmond; T. N. Hillburn, Turlock; and Jas. Narbett, Richmond. No action was taken.

(Continued on Page 27)

Leads for Business

ADJUSTERS—J. A. Stewart, 235 to 315 Montgomery.
ATTORNEYS—J. H. Hoge and W. E. Hettman, 406 to 315 Montgomery.
BAKERY EQUIPMENT — American Bakery Eqipment Co., 821 Market to 952 Mission.
BEAUTY PARLORS—Dennis College of Beauty Culture, Elevated Shops.
BROKERS—R. B. Reinig (mdse.) Dollar Bldg. to 310 Clay.
BUILDING PERMITS—Alterations for store 101 Plymouth.
CIGARS—New business 375 Sutter.
DRAYAGE—Arrow Transfer Co., 441 Jones to 722 Howard.
Motor Drayage Co., 51 Minna.
ELECTRICAL—Holabird Electrical Co. 582 Market to 611 Howard.
FRUIT—Half Moon Bay Fruit & Produce Co., 135 to 161 Washington.
HOTELS—Jean B. Largomarseno buying Edwards Hotel, 1159 Folsom.
INCORPORATIONS—Harris Globe Special Delivery Co., P. S. Erlich (369 Pine), attorney.
California Magnacrete Shingle Co., Herman Weinberger (465 California) attorney.
Lederman Building Co. (J. Lemore Lederman), 544 Market.
George's Auto Repair Co., Wm. Klein (351 California), atty.
Jones & Pettigrew Farms Inc., Fred L. Dreher (550 Montgomery), attv.
INFANTS WEAR—Rubens & Marble (H. S. Meyer), 760 Market to 49 Geary
LACES—Fred Platt, 259 Geary to 821 Market.
LADIES' APPAREL—Sarah Schwartz Shop, Elevated Shops.
LUGGAGE REPAIRING — George's Luggage Shop, 110 Mason.
ORGANIZATIONS—Industrial Assn. of S. F. (605 Market), 76 2nd.
PHYSICIANS—Dr. J. C. W. Taylor, 516 Sutter to Fitzhugh Bldg.
PLUMBING—Herger & Kerr, 8 Tehama to 222 1st.
PRODUCE — Bell-Sibbald Co. (T. W. Casey), 136 Drumm to 310 Clay.
RADIO — Kennon Radio Laboratory, 988 Market.
Business opening 5108 Geary.
REAL ESTATE — R. E. Nolan (2348 Clement), 3311 Mission.
De Wolf Realty Co., 4356 California to 4048 Geary.
RESTAURANTS — Business to open soon 5th and Howard.
Jim's Chili and Tamales Inn 141 Turk
RUBBER—Miller Rubber Co. (Leroy Wagner), 156 2nd to 240 Howard.
SHEET METAL WORK—Guilfoy Cornice Works, 209 8th to 1234 Howard.
STORE FRONTS—Murnane Store Co. (Zouri Co.), 1077 to 1095 Market.
WOODWORKING — Gustave Anderson buying Chas. E. Urfer shop, 134 Halleck.
MISCELLANEOUS — Kellogg Mfg. Co. (Motor Specialties Co.), 75 Fremont to 1583 Bush.
ADDRESSES WANTED — Rich Steel Products Co.; Marie Antoinnette Pearls; Pacific Nitrogen Co.; United Credit Assn; National Mfg. & Products Co.; American Nokol Co.
LEASES—Dec. 13, 1923—D. J. Clancy to Peter Metaxas and P. G. Denson—SW Ellis and Cohn Place W 56xS 137-6, 10 years, $244,188.
April 23, 1924—D. J. Clancy to Peter Metaxas and P. G. Wenson—Modifying same total rental, $256,800.
Mar. 3, 1924—Sam McKee & Andrew J. Conway to Louise Brown—E Mission bet. 23rd and 24th Sts., No. 2745 Mission St., 6 years, $28,800.
ADVERTISING—Sylvan Cohen, Pacific Bldg.
ATTORNEYS — F. P. Bull, Chronicle Bldg. to Hewes Bldg.
BEAUTY PARLORS—Harriette Beauty Studio (Beatrice George), 244 Taylor Mrs. Worthington, 2304 Clement.
CANDY—Pal's Candy Shop, 2224 Union
CIGARS—A. G. Lundgren, 433 O'Farrell
CLEANING AND DYEING—Wm. Adler (with Habit Tailoring Co.), 915 Geary.
CREDIA RATINGS — International Credit Reporters, 220 Montgomery.
DELICATESSEN—Dupper Delicatessen, 2845 Mission.
DRAYAGE—Flag Transfer Co., 92 6 th.
ELECTRICAL—F. E. Newberry Electric Co., 381 Bush and 51 Hardie Place to building constructed for them, ..W Bryant and Dore, soon.
FRUIT—R. Barca, 1355 Clement.
FUEL—A. W. Reynolds, 451 Hayes.
GROCERS—Sunshine Stores (6 Valencia), executive offices and wholesale dept. to building under construction, E 10th bet. Harrison and Bryant, July 1.
Howell Grocery, 400 1st.
T. Mavros, 17 Stoneman.
HAIR DRESSING—Louise Marcelling Shop, 1171 Market.
IMPORTERS—C. H. Cady, 52 California
Cerdia & Calleri, 337 Pacific Ave.
INVESTMENTS—A. A. Eisenberg & Co., Santa Fe Bldg.
MARKETS—Weiss & Decker, 5747 Geary.
MEAT—J. Papale, 3808 Mission.
MUSIC—Pacific Music Co., 908 Market to 137 Tnrk.
PAINTING—E. Ramos (auto), S Harrison, E 10th soon.
PLUMBING SUPPLIES — M. Stulsaft Co., 647 Mission to 1338 Mission.
SHOES—New Method Shoe Repairing Co., 41 Eddy to 111 Mason soon.
STOVES AND RANGES—Val Mar Salvage Stove Shop (H. F. Meyer), 16 Valencia.
TAILORS—Alterations for tailor shop, 1740 Church.
A. Beeze, Elevated Shops.
VITICULTURE—Asti Grape Products Co. (Italian Swiss Colony), 12 Geary to 216 Pine.
MISCELLANEOUS — Wm. W. Heller, Mdse. Dept. John Wanamaker Stores, New York City, wishes California special confections and glace fruits, etc.
Fillmore Bargain House, 1200 Fillmore.
ADDRESSES KANTED—Del Norte Milk Products Co. (R. Beatty, N. Eacret, L. M. Conant),
Pacific Citrus Honey Co.; Rich Steel Products Co.; Marie Antoinnette Pearls; Pacific Nitrogen Co.; United Credit Assn.; National Mfg. & Products Co.; American Nokol Co.
LEASES—May 27, 24—Superior Tailoring Co to Vincenzo Azzolino, Vito Basulino, Antonio Nazzaferro and Giuseppe Conto—SE cor Post and Kearny sts being 2½ ft S x 12 W on Post 8 yrs 9 mos $13,125
LEASES—May 31, 24—Thomas Ekoos to Burt Frost and Christine Frost—SE cor. 21st & Hampshire sts 3 yrs $1260.
April 17, 24—Douglas Realty Co. to Max L Shirpser as Kryp-Toric Lens Shop—910 Market st Douglas bldg cor Market & Eddy sts 10 yrs $96,000.
LEASES—Feb 25, 24—Commercial Centre Realty Company to Vincent J Culotta and John B Rosasco—715 to 721 Filbert descd S Filbert 195-2¼ E Mason E alg S Filbert 79-9¾ x S 137-6.
Also lot adj to E the above lot and descd comg 52-6 S Filbert & 43-6 W from SW Colomubs av S 30 x E 50 15 yrs $93,360.
May 1, 24—John Tiedemann to Peter Quinn—SE cor 20th & Eureka No 301 Eureka st 5 yrs $30 per mo.
Mar 11, 24—Parker S Maddux to Leon N Leboire and Louis Prydz as Workman's drug Store—SW cor 3rd & Tehama sts No 230 3d st 10 yrs $19,500.
LEASES—May 16, 1924—J. Allec to N Freedman—W Mission bet. 17th and 18th Sts., No. 2130 Mission St., 3 years $3600.
May 22, 1924—Lizzie Louise Hart and Ethel May Fifield to Fairmont Theatre Co. and Harry Sack and W. S. Godfrey Jr.—N Haight 137-6 E Cole E 36-3xN 137-6 No. 1660 Haight St., 10 years, $39,600.
Mar. 10, 1924—James T. and Margaret Sullivan to John Sherovich, John Mestrovich and Risto Chorovich—W Castro bet. 17th and 18th Sts., No. 460 Castro St., 5 years, $9000.
May 15, 1924—Aaron Stoff to David Brown—600 5th Ave. Cor. Balboa St., 46 months 22 days, $1920.
May 13, 1924—Joseph Lewin to Gur-4th and 5th Sts., No. 803 Howard St., 5 years, $3000.
gos Marshe and M. Keshihian—Bet.
LEASE—April 3, 1924—Dennis and Fiorina Morosoli to Selma Blass—E Polk bet. Bay and North Point Sts., No. 3046 Podk St., 4 years 5 months, $40 per month.
LEASE—July 3, 1923—Walter M. Welfitt to A. G. Blotcky—1163 Market St., 1 year, $3600.
LEASES—May 1, 1924—Ben Schloss to Mrs. Sina Jensen—N Pacific Ave 107-6 E Van Ness Ave E 69-3 N 127-8¼ W 39-3 S 36-0¾ W 30 S 91-8, 8 years 6 months, $42,498.30.
May 16, 1924—Thomas and Frances A. Ryan to Richard F. Cassidy—1031 Irving St., 1 year, $45 per month.
May 1, 1924—William J. McNevin to Charles Sheegog—E ½ S Geary about 52 W 22nd Ave. No. 5813 Geary St., 58 months, $3160.
May 3, 1924—Charles L. De Witt to Peter F. Clarke—7000 Geary St., 5 years, $2820.
May 2, 1924—Nellie Carter to Edward and Gertrude Olden as Olden's—E Castro 199-9 S 17th E 27-3xE 80. 5 years, $10,200.
LEASES—May 14, 1924—George Cohen to G. M. Small—NW Geary and 17th Ave. No. 5300 Geary St., 7 years, $11,-400.
Mar. 27, 1924—Chas. Bevone and Catherine Pasquet to Peter Velati—SW Gough and Greenwich Sts., No. 1701 Greenwich St. and 1715 Greenwich St., 26 months, $40 a month.
April 22, 1924—Henry Ebert to Pete Veres—4248 18th St. N 18th bet. Collingwood and Diamond Sts., 5 years, $35 per month.
LEASES—May 3, 24—G Sanguinetti to L S. Loy—S Jackson bet Powell & Mason Sts. Nos 983-5-7 Jackson St 10 yrs $15,000.
May 22, 24 — Helen M McCrum to Georgia Ross—SE cor Hyde & O'Farrell Sts No 691 O'Farrell St 8 yrs $101,400.
April 1, 24—Marian R Forgett to M Longst—SW Balboa & 40th av 60 mos $1620.
Jan 11, 24—Jacob & Bertha G Weissbein to Maurice Z. Lewis—1716½ & 1718 Clay st having frontage of approximately 22 in bldg at NW corner Polk and Clay sts 3 yrs $2340.
Assigned April 29, 24 to Isaac Present.
LEASES—May 26, 1924—L. Lerda to Jeannette Silva—NE Cor. Gold and Montgomery St., 3 years, $65 per month.
April 3, 1924—Aaron Goldbarb to O. E Hart—SE Cor. Sacramento and Leavenworth, No. 1168 Leavenworth St., 5 years, $3600.
May 27, 1924—Mrs. Blanche Malitz to Martin Lewkowitz—1730 Baker St., 2 years, $25 per month.
May 20, 1924—E. M. Ratto to Costanti Anselmi—Fixtures, etc, No. 838 Sansome St., 1 year, $3600.
May 20, 1924—E. M. Ratto to Louis Sarelli—838 Sansome St., 1 year, $2400.
ACCOUNTANTS—George & Mansfield, 411 Mills Bldg.
ART STORE — Miss Emma Freeman, 533 Jones to 5820 Geary.
AUTOMOTIVE — McWinn (Shop), 563 Seventh.
BEVERAGES—E. A. Groezinger & Co. (A. Pink's Widow Cresta Blanco Co.), Santa Marina Bldg. to 623 Sansome.
BUILDING PERMITS—Alterations for store 131 Plymouth.
CANDY—Purity Candy Co., 152 3rd.
Ernest Wilson Co. branch 708 Clement.

Official Proposals

A call for bids published in this section indicates that bids are desired from other than local bidders. Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on June 20, 1924,** at which time they will be publicly opened and read, for the construction, in accordance with the specifications therefor, to which special reference is made of portions of State Highway, as follows:

Humboldt County, between Eureka and Arcata (I-Hum.-1-G&H), about six and five-tenths (6.5) miles in length, to be paved with Portland cement concrete.

Placer County, between Gold Run and Forebay (III-Pla.-37-D), about eight and seven-tenths (8.7) miles in length, to be graded.

Nevada and Sierra Counties, between Floriston and Nevada State Line (III-Nev.-Sie.-38-B&A), about four and three-tenths (4.3) miles in length, to be graded.

Nevada County, a bridge 398 feet long and 21 feet wide across Truckee River and the Southern Pacific Railroad tracks about one mile north of Polaris (III-Nev-38-A), consisting of one 160 foot reinforced concrete arch span four 30 foot, one 38 foot and one 59 foot reinforced concrete girder spans.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: June 2 ,1924.

BIDS TO BE CALLED SHORTLY FOR RADIO BUILDING, ETC.

NOTICE TO CONTRACTORS

The Bureau of Yards and Docks invites attention to the fact that it will open proposals, in the near future, on Specification No. 4952, Radio Building and Accessories, Naval Radio Compass Station, Point Saint George, California. The work consists of a combined dormitary, compass house and storehouse; guyed masts; gasoline storage tank with pump; concrete walks; gravel road; driven well; windmill; elevated water tank, and water and sewerage system. The building will have concrete foundations, basement floor and basement walls; wood framing above basement walls; wood siding; shingle and tin roofs; plastered and sheathed partitions and interior wall surfaces; linoleum and wood finished floors; and complete heating, lighting and plumbing system. The masts will be of the guyed type, and of wood or steel pipe. The gasoline tank will be installed underground, will be of 2500 gallons capacity and will be supplied with sidewalk type of measuring pump. Elevated water tank will be of wood, of 5,000 gallons capacity, installed on steel tower.

Plans and specifications may be obtained by forwarding to the Bureau of Yards and Docks or to the Commandant, Navy Yard, Mare Island, Calif., a check or postal money order for $10, payable to the Chief of Bureau of Yards and Docks, as security for the safe return of the drawings and specifications, which will be forwarded as soon as available.

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of The California Highway Commission, 515 Forum building, Sacramento, Cal., **Until 2 o'clock P. M. on June 23, 1924,** at which time they will be publicly opened and read, for construction, in accordance with the specifications therefor, to which special reference is made, of portions of State Highway, as follows: San Joaquin County, between Westerly Boundary and Banta (X-S. J.-5-A), about eight and one-tenth (8.1) miles in length ,to be paved with asphalt concrete.

Plans may be seen and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineer's offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interest of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated May 26, 1924.

(May 31, June 6-13-20)

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, California, until two o'clock P. M., on June 23rd, 1924,** at which time they will be publicly opened and read, for construction, in accordance with plans and specifications therefor, of a Division Office Building, in the City of Redding, County of Shasta, California.

The building will be a one-story frame structure 50'-0" x 80'-0" with basement under part and blueprint room on roof. The exterior will be stucco and the interior will be plastered and finished. Bids will be received for all work complete.

Cash, a bidder's bond, made payable to the State of California, or a certified check to the "State Engineer, Department of Public Works," in the sum of at least ten per centum (10%) of the amount of the bid, must be enclosed with each bid.

Plans and specifications may be had upon application to the California Highway Commission, 515 Forum Building, Sacramento.

A deposit of Twenty-five ($25.00) Dollars will be required on plans and specifications, the deposit to be returned immediately on the return of plans and specifications to the said Commission in good condition.

Bids must be on forms prepared by the Commission. Attention of bidders is called to "Instructions" on proposal form for full directions as to bidding.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.

Dated: May 26th, 1924.

(May 31, June 6-13-20)

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

Engineering News Section

BRIDGES

MARYSVILLE, Yuba Co., Cal.—Supervisors reject bids to widen Parks Bar bridge and new bids will be considered June 25, 2 p. m. Bids were: Marders & Hite, Marysville, $30,949; McDaniels & Burroughs, Marysville, $29,139; Edgar Noble, Visalia, $23,324; J. C. Webster, Chico, $32,490. Plans obtainable from County Surveyor at Marysville.

SANTA BARBARA, Cal.—Lipscomb & Dutton, San Diego, awarded contract by supervisors at $18,197 to const. 5-span reinf. conc. bridge with piers for certain sections of the old bridge across the Sisquos river, near town of Garey. Other bids were. de Waard & Sons, $19,845; Rocca & Caletti, $20,400; A. A. Patterson, Santa Maria, $28,992.

SALINAS, Monterey Co., Cal.—Until July 7, 2 p. m., bids will be rec. by T. P. Joy, county clerk, to construct highway bridge over Big Sur River on State Highway, Division 5, Route 56, Sec. E, Supervisor Dist. 5. Spec. obtainable from County Surveyor Howard Cozzens.

PASADENA, Cal. — No bids rec. by city to const. Linda Vista bridge over Arroyo Seco near Brookside Park. The city engineer's dept. will build the bridge by force account. Eng. estimate $80,000 to $85,000. Conc. construction.

SAN RAFAEL, Marin Co., Cal. — County Engineer instructed to prepare Spec. to repair bridge in Cileno Valley and bridge at Ambrosuri's ranch, in Rd Dist. 4.

WOODLAND, Yolo Co., Cal.—Efforts will be made by Sutter and Yuba County supervisors to secure appropriation from next Legislature to finance construction of a causeway through the Sutter By-Pass district from Marysville and Yuba City to Knights Landing in Yolo County.

SAN DIEGO, Cal.—Until 11 a. m., July 2, bids will be rec. by supervisors to const. rein. conc. arch bridge over San Luis Rey river on Mission Rd. No. 10, near Bonsall. Plans obtainable from J. B. McLees, county clerk.

SANTA ROSA, Sonoma Co., Cal.—Delegations from Cloverdale and Asti are conferring with county supervisors regarding the construction of a concrete bridge over Russian river at Asti. It is estimated the structure would cost $100,000.

LOS ANGELES, Cal. — All bids to const. bridge across Pacoima Wash on San Fernando Rd. near city of San Fernando rejected by Bd. Pub. Wks. as being too high.

LONG BEACH, Cal. — City council votes to pay half the cost of proposed subway under Pacific Electric tracks at Pacific Ave. n. of Frankfort St. The railway company will pay the other half. Est. cost $172,381; will be conc. construction.

PORTLAND, Ore.—J. Varner, Grants Pass, Ore., at $29,225 submits low bid to U. S. Bureau of Pub. Rds., Postoffice Bldg., Portland, to const. rein. steel abutments for 3 bridges on Waldo-State Line and State Line-Elk Creek sections of Crescent City-Grants Pass highway in Siskiyou Natl. Forest, Josephine county, Ore., and Del Norte county, Calif. Varner also low at $32,367 for mass abutments.

Phoenix, Ariz.—The governor has authorized const. of federal aid bridge over the Little Colorado river at St. Joseph in Navajo County.

NAPA, Napa Co., Cal.—Co. Clerk Jas. A. Daly will ask bids at once to construct four bridges in various sections of county; est. cost $15,000.

DREDGING, HARBOR WORKS AND EXCAVATIONS

CARPINTERIA, Cal. — Application has been made to U. S. Engineer office at Los Angeles by Peter Cooper Bryce for permission to cut channel through Sand Point, near entrance to El Estero, a shallow tidal slough, at point about one mile west of Carpinteria, Santa Barbara County, and to const. revetment work, training wall, and jettles or groins, for purpose of diverting entrance to a more direct and stable channel.

IRRIGATION PROJECTS

LODI, San Joaquin Co., Cal.—Election to form new Woodbridge Irrigation District carried and estimates of cost will be made at once for irrigation works to supply water for 11,000 acres included in the district. Bonds will be voted to finance the works.

WASHINGTON, D. C.—Secretary of the Interior, under a Senate resolution passed by the House, June 4, would be authorized to investigate the cost of developing the proposed Casper-Alcova irrigation project, Wyoming; the Deschutes project, Oregon, and the Southern Lassen project, California. Resepctive states would be required to pay half the investigation cost.

MANTECA, San Joaquin Co., Cal.—Directors of South San Joaquin Irrigation District authorize sale of $430,000 5½% bond issue, a portion of the $550,000 issue voted last Fall, to finance ditch lining and installation of pumping plants.

TRACY, San Joaquin Co., Cal. — Election will be held July 1 in Banta-Barbona Irrigation District to vote bonds of $705,000 to finance construction of irrigation works. District comprises approx. 14,000 acres.

MADERA, Madera Co., Cal. — A. J. Wiley, Boise City, Idaho, has been appointed consulting engineer for the San Joaquin River Water Storage District, and will prepare plans for the dam and power house.

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LIGHTING SYSTEMS

CHICO, Butte Co., Cal.—City Eng. C. M. Ennis instructed to prepare spec. to install electrolier lighting system in Main St., Broadway and Oroville Ave., and intersecting streets bet. Main and Broadway south of 5th St. to Little Chico creek.

LOS ANGELES, Cal. — Council declares inten. to const. ornam. lighting system in Alvarado St., bet. 6th and Hoover Sts., involv. 102 pressed steel lighting posts; 1911 act.

SAN GABRIEL, Cal.—Until 7:30 p. m. July 8, bids will be rec. by city trustees to const. ornam. lighting system in Las Tunas Dr. and six other streets including 16 posts of Union Metal Mfg. Co.'s design 1776, and 69 posts of design 807. Cert. check 10% Ira H. Stoffer, city clerk.

SACRAMENTO, Cal.—City Commission petitioned to install electrolier system in 4th Ave., bet. Freeport Blvd. and 22nd St. Referred to city manager for report. Albert Givan, city engr.

CHICO, Butte Co., Cal.—City trustees Ira R. Morrison clerk, declare inten. (No. 35-A) to install electrolier system in portions of Main, Broadway, Oroville Sts., etc. Fluted steel standards of Union Metal Mfg. Co., mfgr., design No. 1538 fully equipped with G. E. cat. No. 235,825, Type IL transformer for operating 400-c.p., 15 amp., or 600 c.p. 20 amp. series lamp on a 6.6 amp. distributing circuit. Light unit to be G.E. cat. 202,253, form 9, rippled novalux unit, with 600 c.p. 20 amp. series lamp of mazda type. 1915 bond act. Protests June 24. Chas. M. Ennis, city eng.

HUNTINGTON BEACH, Cal. — City Engr. L. F. Gates preparing spec. for lighting system in 8th St.

VALLEJO, Solano Co., Cal—City Eng. T. D. Kilkenny is completing spec. to install electrolier system in Marin St., bet. Georgia and Capitol Sts. Alf. E. Edgecomb, city clerk.

LOS ANGELES, Cal.—R. A. Wattson, 4907 Melrose Ave., awarded contr. by Bd. Pub. Wks. at $66,713 to const. lighting system in Santa Monica Blvd., bet. Wilton Pl. and Sycamore Ave.

Elec. Lighting Supply Co., 214 W 3rd St. awarded contr. at $71,908 to const. ornam. lighting system in Whittier Blvd., bet. India St. and Boyle Ave.

C. W. Sparks, 106 Henne Bldg., awarded contr. at $83,632 to const. lighting system in Central Ave., bet. 18th St. and 49th Pl.

BAKERSFIELD, Kern Co., Cal.—Bids will be asked at once by V. Van Riper, city clerk, to install electrolier system in portions of Baker and Sumner sts. W. D. Clarke, city eng.

BAKERSFIELD, Kern Co., Cal. — City Eng. W. D. Clarke completes spec. to install electrolier system in Chester Ave., bet. 24th and 26th Sts. Bids will be asked within 30 days. V. Van Riper is city clerk.

LOS ANGELES, Cal.—Until 10 a. m., June 23, bids will be rec. by council to const. ornam. lighting systems under 1911 act in:

Vermont Ave., bet. Washington St. and 104 ft. s of 58th St., involv. 344 pressed steel posts.

Vermont Ave., bet. Middlebury St. and San Marino St., involv. 156 pressed steel posts.

Kenmore Ave., bet. Beverly Blvd. and Third St., involv. 26 conc. posts.

HAYWARD, Alameda Co., Cal—Hugo Frank, Hayward, at $1323 awarded cont by city trustees to install electroliers system in city plaza.

LOS ANGELES, Cal. — C. T. Smallcomb, 655 Wall St., awarded cont. by Bd. Pub. Wks. at $4506 to const. ornam. lighting system in Santa Monica Blvd. bet. St. Andrews Pl. and Wilton Pl.

Osborn Elec. Co., 450 California Terrace, Pasadena, awarded cont. at $3056 to const. ornam. lighting system in Orange Dr., bet. Wilshire Blvd. and Ninth St.

SANTA MONICA, Cal. — City council orders installation of ornam. street lights on Third St., bet. Wilshire Blvd. and Colorado Ave.

VALLEJO, Solano Co., Cal.—City Eng T. D. Kilkenny completes spec. to install electrollers in Marin St. bet. Georgia and Capitol; est. cost $2200. Alf. E. Edgcumbe, city clerk.

MACHINERY & EQUIPMENT

LOS ANGELES, Cal. — Blds rec. by public service comm. for conc. mixing machinery and tower hoists under spec 714 were:

Smith-Booth-Usher Co.—(2) 100 h.p. hoist, alternates of $3735 and $4201.25; (3) 50 h.p. hoist, alternates of $2305, $2520 and $2632.50.

Garlinghouse Bros.—(2) $4780.

Concrete Machy. and Supply Co.—(1) $5962; (2) $3315; (3) $2225.

Brown-Bevis Co.—(1) $6200; (2) $2,335; (3) $1370.

Franklin Machy. and Supply Co.—(1) $6810; (2) $3250 and $3800; (3) $2215 and $2662.

Garfield & Co.—(2) $4015; (3) $3430.

Edw. R. Bacon Co.—(1) $5290; (2) $3085; (3) $2050.

W. A. Bremer & Co.—(1) $5000; (2) $2500; (3) $1500.

C. E. LaBoyteaux Co.—(1) $5628.

Harron-Rickard & McCone—(2) $2,550.40 and $2798.48; (3) $2097 and $2345.

Essick & Co.—(1) $5185; (2) —; (3) $1029.10 and $1063.50.

STOCKTON, San Joaquin Co., Cal. — Until July 1, 11 a. m., bids will be rec. by Eugene D. Graham, county clerk, to fur. Bouldin Island ferry, gasoline propelled; est. cost $4000.

BEVERLY HILLS, Cal.—Until 8 p. m. June 16, bids will be rec. by City Clerk B. J. Firminger to fur. one steel dump truck.

TURLOCK, Stanislaus Co., Cal.—Until June 23, 8 p. m., bids will be rec. by A. G. Crowell, clerk, Turlock Union High School District, for (1) fur. one motor truck, completely equipped; (2) one motor truck chassis; (3) one motor truck body, installed on truck to be furnished by trustees of district. Body to seat 25 to 28 pupils. Further information obtainable from clerk.

COURTLAND, Sacramento Co., Cal.—Until July 3, 2 p. m., bids will be rec. by L. C. Peck, clerk Bates Joint Union Grammar School District to fur. and del. one 2-ton school bus. Further information obtainable from clerk.

SANTA ANA, Cal.—Elgin Sales Corp. submitted low bid to council at $6850 for an Elgin street sweeper. Austin-Western Road Machy. Co. bid $7300.

STOCKTON, San Joaquin Co., Cal.—Until June 25, 4 p. m. bids will be rec. by Ansel S. Williams, clerk, Board of Education, High School, San Joaquin and Lindsay Sts., to fur. two Bradford Lathes 14-in. 8-ft., completely equipped installed in high school. Spec. obtainable from clerk.

RAILROADS

OAKLAND, Cal.—Key System Transit Co., 22nd and Grove Sts., Oakland, will expend approximately $100,000 in purchase of concrete mixers, dump carts, etc.

FIRE EQUIPMENT

BURLINGAME, San Mateo Co., Cal.—City trustees authorize purchase of 300-ft. of small hose to be used in fighting grass fires.

RED BLUFF, Tehama Co., Cal.—City trustees contemplate purchase of motor fire engine and are conferring with representatives of American La France Co. with regard to purchase on lease payment basis.

COLTON, Cal.—Until 7:30 p. m., June 16 bids will be rec. by city trustees for 500 ft. 2½-in. fire hose with bronze couplings with oval spanner lug; one Siamese connection from 2½-in. to 1½-in. female single end; two 1½-in. shut off nozles, size of tip to be given with order. Olive Phillips, city clerk.

RESERVOIRS AND DAMS

SANTA MONICA, Cal.—Blds will be asked shortly by city for two new conc reservoirs to supply the city with additional water storage facilities. One reservoir will have 5,000,000 gal. capacity to be located on Mount Olivet. The other will have 2,500,000 gal. capacity, and will be located at the Arcadia water plant on Wilshire Blvd., beyond the city limits of Santa Monica, in Sawtelle.

SAN CARLOS, Ariz.—According to word from Washington, a senate bill to make available $5,500,000 to construct a dam on the Gila river, near San Carlos, Ariz., has been passed by the House. The dam would provide water for irrigation of 80,000 acres, the largest portion of which is in the Pima Indian Reservation.

SANTA MONICA, Cal.—Until 10 A. M., June 16, bids will be rec. by council to fur. material and const. two reinf. concr. reservoirs of 5,000,000 2,500,000-gal. capacity respectively. Cert. chk., $5000. Plans obtainable from Elrod Engineering Co., consulting engineers, 209 Mills-Fraser Bldg., Santa Monica. John A. Morton, commissioner of public works.

LOS ANGELES, Cal.—Until 2 P. M., June 30, bids will be rec. by supervisors to fur. labor and material to complete const. of 500,000-gal. reservoir at Olive View Sanitarium near San Fernando. Plans on file at the office of clerk. Cert. chk. or bond, 10%.

MADERA, Madera Co., Cal. — A. J. Wiley, Boise City, Idaho, has been appointed consulting engineer for the San Joaquin River Water Storage District and will prepare plans for the proposed dam and power house.

DOUGLAS, Ariz.—El Paso & Southwestern Ry. Co. granted permit by state land board to const. wing dam, 100 ft. long, on state lands near Douglas. The site is in a wash where flow waters endanger the company's tracks.

LOS ANGELES, Cal.—Hogan Constr. Co., 6106 S Central, Submitted low bid to supervisors at $8206 to const. 200,000 gal. reinf. conc. reservoir at the county farm, near Downey.

LOS ANGELES, Cal.—Public Service Commission is taking bids for material for St. Francis dam to be built in San Francisquito Canyon, bet. Power Plants Nos. 1 and 2. It will cost $750,000 and will be paid for from funds derived from the $8,000,000 bond issue. This dam will be 170 ft. high, 15 ft. across the top, 135 ft. total width at the base, with roadway on east side of the crest elevation. It will be of the same type and pressure as the Hollywood dam, which is a single arch gravity section constant radius dam. The length of the crest elevation is 750 ft., to which is added a 500 ft. dyke on the west end. The dam will impound 32,200 acre feet. Work will involve 120,435 cu. yds. concrete. The present roadway up the canyon will be switched to the cliff on the east side, and will be about 2½ mil. long, with a 6 per cent grade.

MISCELLANEOUS SUPPLIES

BERKELEY, Alameda Co., Cal.—Until June 17, 4 P. M., bids will be rec. by Clyde Blanchard, Sec'y., Board of Education, to fur. and del. fuel oil for school year commencing July 1, 1924, and ending June 30, 1925. Spec. obtainable from above.

PIPE LINES, WELLS, ETC.

SAN FRANCISCO — Following bids rec. by Constructing Quartermaster, Fort Mason, to drill two wells at Presidio:

M. Bertolino, 32 Shotwell St., San Francisco. (a) $5975, (b) $4865.
Healy Tibbetts Co., (a) $7930, (b) $7730
Hannah Bros., (a) $7999, (b) $6999.
Boxton & Zwieg, (a) $6414; (b) $5464.

RED BLUFF, Tehama Co., Cal. — D. D. Monteith, Red Bluff, awarded cont. by city trustees to drill well at muny water plant to depth of 235 ft. for $4.25 ft. and $.50 addition for each foot thereafter.

CHINO, Cal.—Until 7:30 p. m., July 1 new bids will be rec. by city trustees for 1400 ft. 10-in. c.i. water pipe. Bids will be taken on De Lavaud centrifugal class "150" c. i. pipe and on Am. Waterworks spec., class "B" c. i. pipe. M. L. Birnie, city clerk. Bids rec. June 3 rejected. Bids were submitted by Crane Co., National Cast Iron Pipe Co., United States Cast Iron Pipe & Foundry Co., Waterworks Supply Co., Jones-Thorne & Co., Inc.

MONROVIA, Cal. — U. S. Cast Iron Pipe & Foundry Co., awarded contr. by city trustees at $1.7287 per ft. for 2000 ft. 10-in. De Lavaud pipe. Crane Co., was awarded contr. at $1.8148 for 4000 ft. 12-in. Matheson pipe.

SEWAGE DISPOSAL PLANTS

TULARE, Tulare Co., Cal.—City trustees vote to call election to bond for $165,000 of which $35,000 is for sewage treatment, the balance for repairs and extensions to sewer mains. Elrod Engineering Co., Mills-Fraser Bldg., Santa Monica, engineers for project.

PORTERVILLE, Tulare Co., Cal.—City council will select engineer shortly to submit report covering proposed improvements to sewer farm. Fred Pease is city engineer.

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LOS ANGELES, Cal.—City Council has instructed City Atty. Jess E. Stephens to prepare contract under which it is proposed to allow Huntington Park to connect with the city's sewage disposal system. It is estimated that the cost will be $640,000.

MISCELLANEOUS CONSTRUCTION

LOS ANGELES, Cal.—A. P. Gillies and W. J. Weir of Los Angeles, of the Los Angeles Terminal Assn., announce they are completing arrangements for underwriting of a $500,000,000 bond issue to const. a large terminal project bet. Del Rey and Venice, covering the flats lying in southerly part of Venice. The proposed project involv. const. of breakwater bet. Del Rey and Venice, a canal 600 ft. wide and 4.5 mi. in length to Culver City, where there will be a turning basin. The banks of the turning basin will be terraced to provide factory sites. The canal will be dredged to the level of the ocean, eliminating the necessity for locks. The canal will be connected with the Los Angeles terminal by subways and surface lines. A thorough connection bet. Los Angeles, Santa Monica, Venice and Long Beach is proposed through a lease of the line of the Pacific Electric in this district.

WATER WORKS

OXNARD, Cal. — $16,000 municipal waterworks bond issue carried. Funds will finance const. of conc. reservoir and installation of 2 deep-well pumps and two centrifugal pumps.

LIVINGSTON, Merced Co., Cal.—A. E. Cowell, consulting engineer, Merced, has submitted plans and specifications to city trustees for municipal water system; est. cost $57,000. Proposed to vote bonds to finance construction.

SAN MATEO, San Mateo Co., Cal.—Until June 18, 6 p. m., bids will be rec. by J. R. Murphy, San Mateo Union High School District, to drill well, and furnish pumping machinery. Further information on request to above.

PEARL HARBOR, T. H.—See "Government Work and Supplies," this issue. Steel tank and tower. Plans obtainable.

GLENDALE, Cal. — Until 10 a. m., June 19, bids will be rec. by council to lay c. i. water pipe, with valves, fire hydrants, service pipes, etc., in Columbus Ave., Maple St., Windsor Rd., Central Ave. and other streets; 1915 bond imp. act. A. J. Van Wie, city clerk.

SAN FRANCISCO — Bids will be asked shortly by Constructing Quartermaster, Fort Mason, to fur. and install 2 pumps; one 1000 gals. single stage, centrifugal and 1500 gal. single stage centrifugal, 25 h.p.

BAKERSFIELD, Kern Co., Cal.—Kern County Union High School District rejects bids, due to mis-understanding regarding specifications, and new bids will be asked for (1) fur. and install water pump; (2) fur. and install water pressure tank storage system.

LOS ANGELES, Cal.—Byron Jackson Pump Mfg. Co. awarded cont. by public service comm. at $4668 f. o. b. cars Berkeley to fur. 6 12-in. 1100-gal. per min. pumps under spec. 715.

Frank J. Kimball Co. awarded contr. at $4386 f. o. bb. Los Angeles for six 12-in. 900-gal. per min. pumps under item 5.

U. S. Steel and Mfg. Co. awarded cont for motors for above pumps at (1) $2,123.82 and (2) $1949.40, or a total of $4073.22.

YUMA, Ariz.—Until 3 P. M., June 19, bids will be rec. by trustees of the Yuma grammar schools to fur. and erect one elec. motor driven deep well turbine pump automatically controlled and pumping into a 2500-gal. surge tank against a pressure maximum of 50 lbs. Cert. chk., 5%. L. W. Alexander, secretary.

MONTEREY, Monterey Co., Cal.—Until June 28, 1:30 P. M., bids will be rec. by J. McIntosh, clerk, Monterey Union High School District, to fur. and install two fire hydrants on school grounds.

LOS ANGELES, Cal.—Until 2: 30 P. M., June 27, bids will be rec. by harbor comm., 312 Byrne Bldg., for 75,000-gal. sprinkler tank and tower at Berths 175-176. J. G. Starr, secretary.

LOS ANGELES, Cal.—Art Concrete Wks., Box 417, Pasadena, awarded contract by public service comm. at 63½c each for meter boxes under spec. W-247 f .o. b. dept.'s warehouse.

YREKA, Siskiyou Co., Cal. — City trustees are in the market for a deep well pump, suitable for well 110 ft. Address U. F. Brown, city clerk.

COMPTON, Cal.—Pac. Pump Works submitted low bid to city trustees at $778 for pumping equip. for pumping plant. For pumps alone, $598; installed, $778. Other bids were: Byron-Jackson Pump Co., $892.50; Layne-Bowler Corp., $971.50; Peerless Pump. Co., $1450.

KALAMA, Wash.—Cascade Pipe and Flume Co., Seattle, at $76,801 awarded cont. by council to const. water system.

CORONADO, Cal. — Coronado Water Co. has secured a permit to pump underground waters from the Tijuana river valley for domestic and municipal purposes. A series of seven 12-in. cased wells of from 77 to 93 ft. depth will tap the underflow, and electrically operated pumps will deliver the water to a 20-in. cast iron main, which will connect with the present pipe of the company. Work is to start at once. Est. cost, $125,000. The company is now drafting 1,000,000 gals per day from the San Diego city water supply.

PLAYGROUNDS AND PARKS

WILLOWS, Glenn Co., Cal. — Elmer Goble at $2003.10 awarded cont. by Willat cemetery grounds. To haul 700 cu. yds gravel, contract was awarded to Harry Robbins at 80c cu. yd.
lows Cemetery District to erect fencing

REDWOOD CITY, San Mateo Co., Cal.—City Planning Commission plans beautification of creek running through city. Considerable landscape work is contemplated. City Eng. C. L. Dimmitt is making survey for proposed work.

BERKELEY, Alameda Co., Cal. — City council contemplates bond issue to finance purchase of lands and improve same for a civic center. E. M. Haun, city clerk.

SAN ANSELMO, Marin Co., Cal.—Town Trustees purchase orphanage property on Red Hill and will improve the site for a public park. Arthur Studley is town clerk.

EL CERRITO, Contra Costa Co., Cal.—Town trustees contemplates bond issue to finance purchase of lands to improve for playground purposes.

SEWERS & STREET WORK

SANTA ANA, Cal.—Until 7:30 p. m., June 16, bids will be rec. by city trustees to imp. Oak St., Bishop St., Grant St., etc., involv. 136,333.23 sq. ft. grading and paving with 6-in. asph. conc. pavement; 2342.67 ft. conc. curb; 2646.5 ft. trenching, fur. and lay 6-in. sewer mains; 2041 ft. 4-in. hse. sewers; 7 manholes; one flush tank; 3 lampholes; E. L. Vegely, city clerk. W. G. Knox, city manager.

SONORA, Tuolumne Co., Cal.—Supervisors reject bids to pave two 1-mile units of Sonora-Tuolumne road and 1-mi. stretch of Sonora-Columbia road. New bids will be asked. Complete list of bids rec. follow:

Tuolumne road, first mile near Sonora—F. L. Carson, asphaltic concrete, $14,097.05; willite $13,697.90. C. A. Camp Modesto, concrete, $14,177.84.

Tuolumne road, first road near Tuolumne—F. L. Carson, asphaltic concrete, $13,994.55; willite, $13,598.27; C. A. Camp, concrete, $16,316.79.

Columbia road, first mile near Columbia—F. L. Carson, asphaltic concrete, $14,403.50; willite, $13,997.95. C. A. Camp, concrete, $15,961.80.

LOS ANGELES, Cal.—Bids rec. by supervisors to imp. Painter Ave., between Anaheim-Telegraph Rd. and Whittier Blvd., 1.88 mi. or 9900 lin. ft., under Cash Contr. No. 218, involving (1) 10,311 cu. yds. earth excav; (2) 3542 cu. yds. remov. old macad. and d. g.; (3) 26,588 sq. shaping roadbed; (4) 25,003 sq. yds. 4-in. sub-base; (5) 19,800 lin. ft. shaping shoulders; (6) 26,588 sq. yds cem. conc. pavement; (7) 14,255 lin. ft. curtain walls; (8) reinf. conc. culverts complete, were:

Wells & Bressler—(1) 60c; (2) $1; (3) 12c; (4) 25c; (5) 6c; (6) $1.05; (7) 45c; (8) $1000.

J. Paul Benson—(1) 60c; (2) 70c; (3) 9c; (4) 24c; (5) 5c; (6) 95c; (7) 18c; (8) $750.

Oglesby & Dahl—(1) 65c; (2) 75c; (3) 10c; (4) 10c; (5) 34c; (6) 90c; (7) 50c; (8) $700.

Ed Johnson &Sons—(1) 70c; (2) 70c; (3) 9c (4) 20c; (5) 5c; (6) $1; (7) 15c; (8) $900.

Griffith Co.—(1) 58c; (2) 69c; (3) 10c (4) 23c; (5) 6c; (6) 98c; (7) 30c; (8) $1061.

Kuhn Bros.—(1) 60c; (2) 70c; (3) 9c; (4) 23c; (5) 7c; (6) $1; (7) 80c; (8) $1100.

J. D. Phillips—(1) 46.75c; (2) 46.75c; (3) 6.45c; (4) 5c; (5) 25c; (6) $1.43; (7) 26c; (8) $736.

Metcalf-Saner Co.—(1) 80c; (2) 80c; (3) 10c; (4) 30c; (5) 5c; (6) $1.12; (7) 25c; (8) $1000.

NATIONAL CITY, Cal.—City trustees declare inten. to. imp. 18th St., betw. F and Granger Aves., etc., involv. bitum macad. pavement, 18 ft. wide; Vrooman act. O. A. Mullen, city clerk.

LOS ANGELES, Cal.—Until 10 a. m., June 9, bids will be rec. by Bd. Pub. Wks. for preparation of complete plans maps and ordinances, to imp. several main thoroughfares, the work proposed totaling $787,000. Bd. Pub. Wks. has been granted authority to enter into contracts with engrs. for above work, the leasing of their offices, drafting tables, etc. Spec. and requirements for this engineering work can be secured at the office of the engr., 405 s city hall annex.

HAMPTON
ELECTRIC AND MFG. CO.
ELECTRICAL ENGINEERS AND CONTRACTORS
525 HOWARD STREET, SAN FRANCISCO
MOTORS
New and Used, Bought, Sold, Exchanged, Rented and Repaired
Industrial Light and Power Installation
Telephone SUTTER 3266

NAPA, Napa Co., Cal.—Frank Gaggero, Napa, at $549 awarded cont. by council to const. sidewalks fronting Lincoln school. Paul Carillo bid $738 and Basalt Rock Co., $794.

REDWOOD CITY, San Mateo Co., Cal —W. W. Thompson, Redwood City, at approx. $17,000 awarded cont. by supervisors to repair and resurface portions of San Mateo to Half Moon Bay road bet. point Skyline Blvd. branches off to foot of mountain toward Half Moon Bay. M. F. Sullivan, next low bidder at $17,333.

SAN ANSELMO, Marin Co., Cal.—Until June 25, 8 p. m., bids will be rec. by W. A. Bliss, secy. Sanitary Board of Sanitary District No. 1, Marin county, to const. vit. pipe sanitary sewers; br. and conc. manholes; vit. pipe lamp holes with c. i. frames and covers in portions of McAllister Ave. 1911 Act. Cert. check 10% payable to District required.

SAN LUIS OBISPO, Cal. — E. A. Branch awarded contr. by supervisors to imp. portion of Corral de Piedra-Islay Rd., 4300 lin. ft., south of San Luis Obispo, involv. grading roadway at 35c cu. yd., shaping and rolling roadbed, etc., at 20c lin. ft., class A conc., county to furnish cement, at $8.40 cu. yd., Sisquos rock at $9.30 per cu. yd., granite crushed rock.

Granite Const. Co. bid $1.23 grading, 35c lin. ft. shaping roadbed, etc., $8.67 A conc. (county fur. cement).

WALNUT PARK, Cal.—Paving of all streets in district is advocated by Walnut Park Imp. Assn. All streets betw. Long Beach Blvd. and Mountain View Ave., and from Florence Ave. to the south boundary line are to be paved.

SIERRA COUNTY, Cal.—C. E. Crowley, Pacific Electric Bldg., Los Angeles, at $141,133.35 submits low bid to U. S. Bureau of Public Roads, 9 Main St., San Francisco, be const. Yuba Pass Natl. Forest Highway in Sierra County 15-mi. in length. Project involv. 103 acres clearing; 129,415 cu. yds. unclassified excavation; 3486 lin. ft. corru. metal pipe; 135 cu. yds. A and 253 cu. yds. C conc; 13,426 lbs. rein. steel; 100 cu. yds. cement rubble masonry; 6670 crushed rock surfacing. Complete list of bids follows:

Arrie-Knapp, Oakland	$147,216
Morrison & Knudsen, Idaho	164,660
Irey & Holden, Lodi	168,179
Isbell Const. Co., Fresno	179,395
Tieslau Bros., Berkeley	180,704
Welsh and Heaney, S. F.	195,445
A. J. & J. L. Fairbanks, S. F.	206,485
P. L. Burr, S. F.	212,614
Hughes, Murphy & Diggs	216,631
Engineers estimate	166,570

All bids taken under advisement. C. H. Sweetser, dist. eng., U. S. Bureau of Roads.

LOS ANGELES, Cal.—Bids rec. by Bd. Pub. Wks. to imp. Division St., bet. Wolfam St. and San Fernando Rd., involv. 18,375 sq. ft. 5-in. conc. paving; 138,897 sq. ft. Warrenite-bit. paving (3½-in. base and 1½-in. top); 618 sq. ft. 2-in. bitum. base; 8267 ft. curb; 38,414 sq. ft. walk; 8599 sq. ft. gutter; storm drain; san. sewer, were:

Geo. R. Curtis Paving Co., Inc. — $18,600 grading; 23c conc. paving; 26c Warrenite paving; 14c bitum. base paving; 70c curb; 22c walk; 35c gutter; $3965 storm drain; $20,000 cem. pipe san. sewer.

Geo. H. Oswald—$18,900 grading; 24c conc. paving; 27c Warrenite paving; 15c bitum base paving; 70c curb; 35.5c walk; 34c gutter; $4500 storm drain; $21,000 san. sewer.

Warren Constr. Co.—$19,200 grading; 24c conc. paving; 26.5c Warrenite paving; 11c bitum. base paving; 70c curb; 27c walk; 34c gutter; $4000 storm drain $20,550 san. sewer.

LONG BEACH, Cal. — Plans for a $1,000,000 sewer project for Oregon Ave. storm drain in northern part of city will be started soon by sewer dept. under supervision of R. D. Van Alstine, city engr. The project sewer will carry off surface water from the territory east of the flood control channel and south of Chateau Thierry as far as California Ave. Clyde Smith is engr. in charge of this work.

WINNEMUCCA, Nevada—City council plans paving of Bridge St. bet. 3rd St. and the river in connection with Victory Highway through town.

PHOENIX, Ariz.—Dist. Engr. E. S. Wheeler, U. S. Bureau Pub. Rds., announces that funds for completion of Clifton-Springerville forest highway in Greenlee County are available and work will be started soon. Various sections of the road will be widened, and 10 mi. will be surfaced with gravel.

STOCKTON, San Joaquin Co., Cal.—W. J. Tobin, 527 Santa Ray Ave., Stockton, at (a) $31,167 for vitrified pipe and (b) $27,997 for concrete pipe submitted low bid to council to construct storm water sewers in Pershing Ave. bet. Bayswater and Alpine Aves., and in Alpine Ave., bet. Pershing and California Sts. Other bids were:

F. Meyers, Richmond, (a) $41,639, (b) $41,639.

Chambers and De Golyer, Oakland, (a) $33,784; (b) no bid.

Frederickson Bros., Sacramento, (a) no bid; (b) $35,783.

Heafey-Moore-McNair, Oakland, (a) no bid; (b) $37,452.

E. A. Burns, (a) $39,975; (b) no bid.

Merced Concrete Pipe Co., Merced, (a) no bid; (b) $37,498.

Taken under advisement. W. B. Hogan, city engineer.

COLUSA, Colusa Co., Cal.—Giddings and Whyte, Sacramento, at (a) $1.95 cu. yd. fur. 2200 cu. yds. road gravel; (b) $.22½ cu. yd. haul per mile, awarded cont. by county supervisors to imp. Freshwater road. Other bids were:

Howard & Marshall, (a) $2.15; (b) $.20.

E. E. Tremain, Stockton, (a) $.43; (b) $.32.

Hemstreet & Bell, Narysville, (a) $1.95; (b) $.26 (contingent bid (a) $1.90; (b) $.24.

Bales and Ferguson, Colusa (contingent bid) (a) $.40; (b) $.238.

Giddings and Whyte at (a) $2.18 and (b) $.20 awarded cont. for similar improvements in Central School road (a) involv. 3000 cu. yds. gravel, (b) haul and spread same. Other bids:

Howard & Marshall, (a) $2.18; (b) $.20.

E. E. Tremain, (a) $2.08; (b) $.32.

Hemstreet & Bell, (a) $1.99; (b) $.26 (contingent bid) (a) $1.90, (b) $24.

Bales and Ferguson, (a) $2.05; (b) $.25.

F. J. Chesson, Yuba City at (a) $.32½ cu. yd. fur. 5300 cu. yds. gravel; (b) $.17 haul and spread same, awarded contract on Spring Valley road. Other bids:

F. W. Wood, Manteca, (a) $.50; (b) $.33.

Howard and Marshall, (a) $.41; (b) $.27½.

Giddings & Whyte, (a) $.25; (b) $.22½.

E. E. Tremain, (a) $.43; (b) $.32.

Hemstreet & Bell (a) $.40; (b) $.26; contingent bid (a) $.36; (b) $.24.

Bales & Ferguson, (a) $.40; (b) $.238 contingent bid.

SAN MATEO, San Mateo Co., Cal.—City trustees, E. W. Foster, city clerk, declares inten. (No. 24-4) to imp. Crystal Springs rd., bet. El Camino Real and west city limits and El Camino Real and Baywood Ave., involv. paving with 7-in. to 9-in. thick hyd. cem. conc; vit. pipe lateral sewers; catchbasins; 12-in. vit. pipe storm drain; hyd. cem. conc. curb, walks and driveway approaches. 1911 Act & Bond Act 1915. Protests June 23.

SAN FRANCISCO—Jas. M. Smith, 715 Ocean Ave., at $6,524 awarded cont. by Bd. Pub. Wks. to imp. Hawes St., bet. Hudson and Innes, involv. 476 lin. ft. granite curb, $2.75; 425 sq. ft. art. stone walks, $.20; 17,300 sq. ft. asph. conc. pavement, $.30.

SEATTLE, Wash.—J. L. Smith, Pioneer Bldg., Seattle, at $301,588 submits low bid to Pd. Pub. Wks. to imp. Evanston Ave., and other sts., and at $165,025 to imp. 2nd Ave., NE, and portions of other streets.

SAN RAFAEL, Marin Co., Cal.—Mrs. E. E. O'Brien awarded cont. by supervisors to imp. road bet. Tomales and Sonoma county line. Other bids were: S. E. Adams, $27,005; C. A. MacDougall & Son, $16,897; F. C. McIntyre, $14,689; F. A. Fairbanks, $13,995; F. Massetti, $14,188; Gates & Powell, $13,530; C. Darcenelli, $17,200.

LOS ANGELES, Cal.—Until 2 P. M., June 16, bids will be rec. by supervisors to imp. Ballona Ave., bet. Western Ave. and city limits of Hawthorne, 1.94 mi. (under R. D. I. No. 255), involv. 6200 cu. yds. excav., 24,691 sq. yds. shaping roadbed, 22,703 sq. yds. Willite top, 22,703 sq. yds. Willite base, 3 concr. box culverts, 11,250 sq. yds. shaping shoulders, 20,411 sq. yds. disin. granite sub-base and shoulders 5-in. thick. Est. contr. price, $72,085.40. Average haul, 7 mi. from Torrance.

GLENDALE, Cal.—Cornwell & Henderson, 120 S Glendale Ave., Glendale, awarded cont. by council at $27,279 to imp. Garfield Ave., bet. Mariposa and Adams Sts.

Gibbons & Reed Co., 905 S Olive St., awarded cont. at $29,022 to Imp. Don Carlos, Del Valle, El Rito and other streets.

VENICE, Cal.—Until 8 p. m., June 17, bids will be rec. by city trustees to imp. N Venice Blvd. and portions of other streets, involv. grading, paving and const. curbs, walks, etc. T. H. Hanna, city clerk.

GLENDALE, Cal. — Until 10 a. m., June 19, bids will be rec. by council to improve:

Acacia Ave. and Adams St., involv. grading, pavement, curbs; walks; lay cast iron water pipe.

Stanley Ave., Sinclair Ave., Richland Ave., Wilson Ave., California Ave. and Verdugo Rd., involv. grading; macad. pavement; curbs; walks; lay cast iron water pipe.

Plans on file at office of Ben F. Dupuy, city engr. A. J. Van Wie, city clk.

PORTLAND, Ore.—Until June 25, 10 a. m., bids will be rec. by Dist. Eng., U. S. Bur. Pub. Rds., 316 New Post Office Bldg., Portland, to const. Alsea river section, Sec. 6, Natl. Forest Rd. project in Siuslaw Natl. Forest, Lincoln county, Ore., 1.85 mi. in length, involving: 10 ac. clearing; 6 ac. grubbing; 8000 cu. yds. rock exav.; 12,500 u. yds. common excav.; 860 lin. ft. culvert pipe; 30 cu. yds. class C conc.

Separate bids, same date, to const. Applegate River Natl. Forest Rd., (Mule Hill Section) in Crater Natl. Forest, Jackson county, Oregon, 0.6-mi. in length, involv. 1 ac. clearing, 1 acre grubbing; 8000 cu. yds. rock excav.; 6000 cu. yds. common excav.; 300 cu. yds. structure excav.; 160 lin. ft. culverts; 75 cu. yds. class A conc; 6000 lbs. rein. steel; 45 cu. yds. cem. rubble masonry.

Govt. has equipment for lease to contractors. Cert. check 10% req. Plans obtainable from Eng. on deposit of $10, returnable.

DEL NORTE CO, Cal.—Until June 25, 10 a. m., bids will be rec. by C. H. Purcell, Dist. Eng., U. S. Bureau of Pub. Rds., 316 Postoffice Bldg., Portland, Ore., to const. Grants Pass-Crescent City Highway (Elk Creek-Patrick Creek Section), Siskiyou County, 12.1-mi. in length, involv. 90 acres clearing; 60 ac. grubbing; 400,000 cu. yds. excav. (unclassified); 55,000 cu. yds. station overhaul; 12.1 mi. finishing graded road; 650 cu. yds. conc; 1000 cu. yds cem. rubble masonry; 4075 lin. ft. culverts. Govt. has equipment for lease to contractors. Plans obtainable from engineer on deposit of $10, returnable. Cert. check 5% required.

VALLEJO, Solano Co., Cal.—City Eng T. D. Kilkenny completes spec. to pave streets adjacent to city park including Sacramento from Louisiana to Alabama; Louisiana, from Marin to Sacramento; Marin, from Louisiana to Alabama, and crossing at Sacramento and Louisiana.

GLENDALE, Cal. — Council declares inten. to imp. Central Ave., bet. San Fernando Rd., Central Ave., etc., 1¼ mi. in length, 100 ft. mide, involv. 1½-in. Warrenite-bitul. pavement on 4-in. asph. conc. base; 8-in. class B c. i. water pipe; ornam. lighting system; 4 cem conc. culverts, compl; 1915 bond imp. act and 1911 street act. A. J. Van Wie city clerk. Ben F. Dupuy, city engr.

ALHAMBRA, Cal.—$240,000 Main St. and Valley Blvd. paving bond issue dedicated at the recent election.

PORTERVILLE, Tulare Co., Cal.—N. M. Ball, Porterville, at $33,198.23 awarded cont. by city trustees to imp. D St. bet. Mill and Vine Sts., and Vine St., bet. D and S-Main Sts., involving grade and pave with 5-in. hyd. cem. conc.; const. conc. curbs, gutters, culverts, pipe drains, etc. F. W. Neighbert, Bakersfield, only other bidder at $33,-541.35.

SONORA, Tuolumne Co., Cal. — As previously reported, supervisors reject bids to pave portions of Tuolumne and Columbia roads and new plans have been ordered prepared, the specifications to provide for four types of pavement: Warrenite, Willite, asph. & asph. macadam. Robt. Thom, county surveyor.

COMPTON, Cal.—City council plans to pave portions of Broadway, Chester, Pearl, Mayo, Elm, Van Ness, Burris and Willow streets. Work includes sewers.

LOS ANGELES, Cal.—No bids were rec. by Bd. Pub. Wks. to imp. Sate Ave, bet. Ventura Blvd. and San Luis Ave., involv. 47,250 cu. yds. cut; 8670 cu. yds. fill; 3932 ft. heavy curb; 23,145 ft. light curb; 69,859 sq. ft. walk; storm drain; ornam: lighting system.

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, at $12,000, awarded cont. by council to const. 30-in. cem. conc. pipe storm sewer in Commercial St., together with manholes.

SANTA ANA, Cal.—Until 10:30 a. m., June 24, bids will be rec. by Newhope Drainage Dist., 410½ N Main St., Santa Ana, to const. complete drainage system, involv. 5150 ft. 30-in., 9058 ft. 24-in., 2770 ft. 21-in., 3080 ft. 18-in., S. F.; 15,292 15-in., 3308 14-in., 7799 12-in., 26,207 ft. 10-in. and 42,626 ft. pipe, and other incidental items. R. L. Loucks, city hall, eng. for dist. Plans obtainable from office of dist., on deposit of $5. Cert. check 10%. Alice M. Cole, secy.

WILLOWS, Glenn Co., Cal. — City trustees propose to levy 1-cent gallon tax on gasoline sold within the incorporated city limits to finance street paving program.

REDWOOD CITY, San Mateo Co., Cal —W. W. Thompson, Redwood City, at approx. $17,000 submits low bid to supervisors to repair Crystal Springs to Half Moon Bay Rd., from top of mountain to pt. recently completed on Skyline Blvd. to Pilarcitos creek at bottom of grade; will consist of repairing existing rock bottom macadam pavement and resurface with asphaltic oil and rock screenings. M. F. Sullivan only other bidder at $17,333. Taken under advisement. Geo. A. Kneese, county surveyor.

PASADENA, Cal.—Bids to improve Green St. rejected by city. New proceedings under 1915 bond act in conjunction with 1911 act will be instituted and bids re-advertised.

OAKLAND, Cal.—In reporting bids received to erect two-story reinforced concrete school, Alfred Olsen at $103,-128 was reported low bidder. Same was in error. Low bid was submitted by Jno E. Branagh, 184 Perry St., Oakland. Following is a complete list of bids received:

John E. Branagh	$101,750
Add $200 for sidewalks.	
Alfred Olsen	103,128
Add $200 for sidewalks.	
M. E. Hopper & Son	104,573
Add $489 for sidewalks.	
Fred J. Westlund	105,740
Add $10 for sidewalks.	
Reilly & Nemitz	109,000
Add $500 for sidewalks.	

Structure will contain nine rooms, auditorium and principal's office. John J. Donovan, architect, 1916 Broadway, Oakland.

LOS ANGELES, Cal.—Until 2 p. m., June 30, bids will be rec. by supervisors to imp. Michigan Ave. from county farm to Coolidge Ave., .13 mi., involv. 402 cu. yds. excav., 1475 sq. yds. conc. pavement, 664 lin. ft. shaping shoulders Cash job No. 229.

SONORA, Tuolumne Co., Cal.—Following bids rec. by supervisors to pave two 1-mi. units of Sonora-Tuolumne road and 1-mi. stretch of Sonora-Columbia road, bids taken under advisement:

Tuolumne road, first mile near Sonora—F. L. Carson, asphaltic concrete, $14,097.05; willite, $13,697.90. C. A. Camp, Modesto, concrete, $14,177.84.

Tuolumne road, first road near Tuolumne—F. L. Carson, asphaltic concrete, $13,994.55; willite, $13,598.27; C. A. Camp, concrete, $16,316.79.

Columbia road, first mile near Columbia—F. L. Carson, asphaltic concrete, $14,408.50; willite, $13,997.95. C. A. Camp, concrete, $15,961.80.

REDWOOD CITY, San Mateo Co., Cal —J. T. John at $24,204.83 submits low bid to supervisors to imp. portions of MacDonald and San Bruno Aves., etc., grade and pave with water bound rock macadam base with 2-in. Durite asph. conc. surface; 2x6-in. r.w. header boards. (All in Imp. Dist. No. 3). Other bids: Eaton & Smith, $25,620; City Construction Co., $26,352. Taken under advisement. Geo. A. Kneese, county surveyor.

MERCED, Merced Co., Cal. — City trustees approve plans to pave L St., bet. 23rd and 24th with Willite pavement and to resurface 21st and 22nd Sts bet. G and M Sts. C. D. Martin, city eng.

SAN RAFAEL, Marin Co., Cal—County Clerk Rob E. Graham instructed to advertise for bid sto fur. and spread 2000 cu. yds. crushed rock on Petaluma and Tomales road.

SAN DIEGO, Cal.—Downer & Mero, Richmond, submitted low bid to council at $159,016 to const. water system at Mission Beach, involv. a city sewerage system with a 1000-ft. ocean outfall. The work will involve 27,945 lin. ft. 6-in. cem. conc. pipe; 5470 lin. ft. 10-in. cem. conc. pipe; 6781 lin. ft. 12-in. cem. conc. pipe; 865 lin. ft. 8-in. cast iron pipe; 40,196 lin. ft. trenching and laying sewers from 4 to 12 ft. deep; 87 conc. manholes with cast iron covers; 40 drop manholes, conc. with cast iron covers; 46 deadends; 13 deadends with cross; 6 flush tanks; 3 pump stations with houses and equipment; 1 settling basin. Thos. Haverty Co., Los Angeles, bid $282,690. Bids referred to city engr. F. A. Rhodes.

OAKLAND, Cal.—Hutchinson Co., Hutchinson Bldg., Oakland, awarded cont. by council to imp. portions of 68th Ave., involv. grade, $.05; conc. curb, $.75; conc. gutter, $.29; oil macadam pave, $.12; 10-in. pipe conduit, $2.20; conc. inlets, $60 each.

SEATTLE, Wash. — J. L. Smith, Pioneer Bldg., Seattle, at $165,025, clay pipe, awarded contract by Bd. Pub. Wks. to pave 22nd Ave., N. E., and other streets.

SAN JOAQUIN CO., Cal.—As previously reported, bids will be rec. by State Hiihway Commission, Forum Bldg., Sacramento, June 23, to pave with asph. conc. 8.1 mi. in San Joaquin county, bet. west boundary and Banta. Project involv. 50 cu. yds. structure excavation without classification; 6000 tons crushed gravel or stone (shoulders); 400 tons asph. conc. (repairs to existing pavement); 24,000 tons asph. conc. (pavement); 60 cu. yds. class A cem. conc. (structures); 37 hundredweights bar rein. steel in place (structures); 162 lin. ft. 12-in. and 38 lin. ft. 18-in. corru. metal pipe; 59 monuments. Commission will furnish corru. metal pipe. R. M. Morton, State Highway Eng.

TULARE, Tulare Co., Cal. — City trustees will call election to vote bonds of $165,000 to finance repairs and extensions to sewer system and sewage treatment. The latter will cost approx. $35,000. Elrod Engineering Co., Mills-Fraser Bldg., Santa Monica, engineers.

GLENDALE, Cal.—E. L. Fleming, 324 W Dryden, Glendale, awarded contract by council at $103,425 to imp. portion of Hermosita Dr., Capistrano Ave., El Rito Ave., etc., in Verdugo Woodlands.

VACAVILLE, Solano Co., Cal.—California Construction Co., 58 2nd St., San Francisco, at $78,794.39 awarded cont. by city trustees to pave various streets involv 313,000 sq. ft. 2½-in. Willite surface.

WATSONVILLE, Santa Cruz Co., Cal —Granite Construction Co., Watsonville, awarded cont. by city Board of Aldermen to imp. sts. as follows:

Center—grading, 2¾c sq. ft., macadamizing 14c, asph. 2½c, gutters 25c, curbs 74c lin. ft.

Locust—same as above, except macadamizing which was 15¾c sq. ft. with 1½-in. more waste rock used.

Second—re-macadamizing 2¼ sq. ft. asph. 4½c, crushed rock $3.25 ton.

Barber Greene Model 42 Loader

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California Highway Commission

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SANTA BARBARA, Cal.—Until 2 p. m. June 16, bids will be rec. by Owen B. O'Neill, engr., room 4, Howard Canfield Bldg., Santa Barbara, to pave; const. curbs, gutters ,walks, all of cem. conc., and san. sewers, in Ambassador Tract. Plans obtainable from engr., on payment of $10.

NEWPORT BEACH, Cal.—Until 7:30 p. m., June 16, bids will be rec. by city trustees to const. earth fill and conc. pavement along Coast Blvd., bet. 45th St. and the north boundary of Newport Beach, involv. 1800 cu. yds. earth fill; 5600 sq. ft. 8-in. conc. pavement, 28-ft. wide. Plans obtainable from V. A. Sebring, city clerk.

MERCED, Merced Co., Cal. — Until July 8, bids will be rec. by county supervisors to furnish 4200 bbls. road oil, delivered Delhi, Arena, Livingston and Atwater. Further information obtainable from clerk.

SACRAMENTO, Cal. — McGillivray Const. Co., Folsom Blvd. and 56th St., Sacramento, at approx. $12,000 awarded cont. by council to imp. Franklin Blvd. bet. 6th Ave. and city limits.

SAN GABRIEL, Cal.—Until 7:30 p. m. July 8, bids will be rec. by city trustees to imp. Broadway bet. Santa Anita St. and San Gabriel Blvd., approx. 4870 lin. ft., with 5-ft. sidewalk, class B curb and 1-in. oil macad. Cert. check 10%. Ira H. Stouffer, city clerk.

HANFORD, Kings Co., Cal.—Edgar Noble, Visalia, at $3510.46 awarded contract by supervisors to const. 3-cem. conc. curves on state highway between Hanford and Lemoore, Yoakum, Lemoore and Browndale corners. County will furnish cement. Other bids: Adell-Cortright Co., Hanford, $3590.33; Forkner Bros., Lemoore, $4149.90.

LOS ANGELES, Cal.—Board of public works will ask new bids to improve Canoga Ave., bet. Ventura Blvd. and Drumetz Rd., involv. 89,588 cu. yds. cut; 17,902 cu. yds. fill; 26,519 ft. heavy curb; 283,262 sq. ft. walk; storm drain; ornam. lighting system; 30,887 ft. light curb.

HANFORD, Kings Co., Cal.—Deacon Lumber Co., Lemoore, at $3.56 and $3.52 delivered Lemoore and Aroma, respectively, awarded contract to furnish county with 435 bbls Port. cement.

OAKLAND, Cal.—Until June 19, 12 M, bids will be rec. by E. K. Sturgis, city clerk, to const. cem. sidewalks in portions of Ford St.

Separate bids, same date, to imp. portions of Octavia and Abbey Sts., involv. grade and pave; const. curbs, gutters and walks.

1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city eng.

SEAL BEACH, Cal. — Council petitioned to pave Ocean Ave. through Seal Beach. Proceedings would be under the Vrooman act.

SANTA MONICA, Cal.—Council declares inten. to imp. 26th St., bet. 1½-in. Warrenite-bitul. paving on 2½-in. asph. conc. base, const. curbs, walks and reconst. curb returns; vit. pipe san. sewers, 8-in. to 10-in. in dia; 1911 act. Howard B. Carter, city engr.

MERCED, Merced Co., Cal. — Until June 23, 8 p. m., at the residence of Roy P. Thorpe, 618 M St., Merced, bids will be rec. by J. W. Spagnoli, clerk, Merced Union Elementary School District, to grade and pave school property involv. an area of approx. 2343 sq. ft. in addition to const. 72 lin. ft. comb. curb and gutter. Plans on file in office of City Clerk W. W. Cornell.

LOS ANGELES, Cal.—W. D. McCray, 416 Amer. Bank Bldg., awarded contr. by Bd. Pub. Wks. at $20,385 to improve Canyon Dr., bet. 258.67 ft. n of Tuxedo Terrace and Libby Way, involv. grading at $2000 (lump sum); 46,656 sq. ft. conc. paving 23c.

SANTA BARBARA, Cal.—Until 10 a. m., June 18, bids will be rec. by supervisors to const. about 25 mi. macad. highway, including grading and const. drainage structure in Sections A, B, C and D of the Permanent Rd. Division of Santa Ynez Valley. Plans on file at office of County Surveyor, Owen H. O'Neill. Cert. check 10%. C. A. Hunt, clerk.

SANTA CRUZ, Santa Cruz Co., Cal.—Until June 19, 9 a .m., bids will be rec. by S. A. Evans, city clerk, to improve portion of Raymond St., involv. grade and pave with 5-in. conc.; const. 4-in. vit. sewer laterals. Cert check 10% payable to city req. Plans obtainable from City Eng. Williams.

EUREKA, Humboldt Co., Cal.—Until June 17, 8 P. M., bids will be rec. by A. Walter Kildale, city clerk, to imp. portions of Commercial St., involv. grade and pave with 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; cem. conc. curbs; c. i. culverts with cem. conc. inverts; vit. sewers; cem. conc. san. sewer manholes with c. i. covers; catchbasins. 1911 Act and Bond Ave 1915. Cert. check 10% payable to City req. Harry H. Hannahn, city engineer.

SAN ANSELMO, Marin Co., Cal. — James Ghilotti at $.19 sq. ft. for ordinary walks and $.28 sq. ft. for driveway walks awarded cont. by town trustees to const. cem. sidewalks under Res. of Inten. No. 48.

RIVERSIDE, Cal.—Council plans to pave Victoria Ave. and other streets in Arlington Hts. residence section, about 11 mi. Lee A. Nafzger, city engr.

28

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded contract by council to imp. portions of Dowling St., involv. grading, $.06; conc curb, $.75; conc. gutter, $.24; oil macadam pavement, $.12; cem. walks, $.17

Hutchinson Co. awarded contract to imp. portions of Birch St., involving grading, $.03; conc. curb, $.76; conc. gutter, $.26; oil macadam pavement, $.11; cem. walks, $.17.

Mike Bau at $.1978 sq. ft. awarded cont. to const. cem. walks in portions of Congress ave.

REEDLEY, Fresno Co., Cal. — City trustees contemplate bond issue of $130,000 to finance sewer improvements and extensions. C. H. Traber is mayor of Reedley.

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Established 1907

3190 MISSION ST. — Junction Valencia

24 VAN NESS AVENUE — Phone Market 8926 — Near Market

MISCELLANEOUS BUILDING CONSTRUCTION

(Continued from Page 19)

WOODLAND, Yolo Co., Cal.—E. L. Younger, Porter Bldg., Woodland, at approx. $25,000 awarded contract by Ross C. Wilson, coroner of Yolo County, to erect frame and stucco chapel and undertaking establishment at Lincoln Ave. and College St. Will be 60 by 110 ft., two stories in height.

UPPER LAKE, Lake Co., Cal.—Plans are underway to rebuild the business district, recently destroyed by fire. Concrete structures will replace many of the destroyed buildings. Those to be rebuilt immediately include: S. M. Asher, general merchandise store and residence, two stories; Kieft & Searcy, store; L. B. Tallman, two-story; Henry H. Riffe, 100-foot frontage, concrete building to house pool room, barber shop and offices; William T. Smith, 2 buildings, moving picture house and blacksmith shop; Mrs. Bubbee, ladies' apparel store; Robinson & Hunter, hardware store, 45x70 feet.

LONG BEACH, L. A. Co., Cal.—Archt. Ernest H. Gates, 1261 American Ave., Long Beach, has prepared preliminary drawings for an $85,000 3-story brick bldg. to contain a number of public meeting halls and banquet rooms, to be erected on Linden Ave. north of Broadway, Long Beach, for H. R. Earp and G. W. Scheidecker, 304 Pac. S.W. Bldg., Long Beach. Found. 50x150 ft., full basement to contain cafeteria, banquet room and dance hall, kitchen, maple dance fls., ruff. brick and terra cotta facing.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 818 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

D-1281—Racine, Wisconsin. Manufacturers of radiators desire to get in connection on the Pacific Coast with well-organized office representing Mid-West manufacturers in the automotive industry.

D-1282—Chicago, Ill. Party desires to communicate with manufacturers' agency desiring to take on two additional manufacturers' lines.

8293—Ica, Peru. Cooperage firm desires to purchase wood in San Francisco suitable for use in the manufacture of barrels. Correspondence is invited.

8296—New York, N. Y. Shipbuilding company offers cranes and structural steel runways, either for domestic or foreign installation.

8306—Hamburg, Germany. Manufacturers of leather upholstered furniture desire to quote prices and offer full information to San Francisco importers

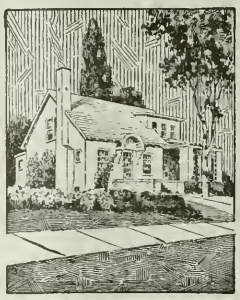
8309—San Francisco. Foreign trade firm plans to enlarge its present business in Australia by extending with additional capital. This is said to be an opportunity for a business man with a knowledge of the clothing industry.

8310—San Francisco. Gentleman with seven years experience in China and the Philippines in shipping, exporting, importing, and office supervision, desires to associate himself with San Francisco foreign tdade house. Excellent references.

8311—San Francisco, Cal. Young man with six years of practical experience in handling foodstuffs between New York, South American and Scandinavian markets, desires a position with local foreign trade house. He is able to handle correspondence in German, French and Spanish. Good references.

8312 — San Francisco. Young man University of California graduate, specialized in four years business course in foreign trade and shipping, desires position with established San Francisco tradlng firm where opportunity for advancement exists.

No Wonder Portland Cement Stucco Endures



No wonder it is unaffected by weather conditions—that rain only makes it harder. For Portland Cement Stucco in all essentials is Concrete. And you know how well Concrete serves in foundations, in homes, in hospitals, in mighty dams, in roads and skyscrapers.

Be sure, therefore, that you always specify stucco by the full name, *Portland Cement* Stucco, and get the enduring strength which that tenacious binder, Portland Cement, assures.

Architects will tell you that Portland Cement Stucco assures a home of distinction and beauty. No other exterior treatment offers such a variety of color and texture. It harmonizes perfectly with any landscape setting.

And the ideal backing for Portland Cement Stucco is Concrete Masonry—Concrete Block or Tile.

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Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2549	Simocelli	Devencenzi	5000
2550	Cassidy	Stevenson	9000
2551	Young	Lang	6000
2552	Christiansen	Owner	18000
2553	Trost	Owner	4000
2554	Pantoleon	Neish	5000
2555	Woodfield	Hjul	40000
2556	Curtis	Owner	2000
2557	Flanagan	Durney	1400
2558	Stevens	Owner	3000
2559	Baldwin	Barrett	1500
2560	Murray	Meyer	15500
2561	Tadwick	Meyer	12591
2562	So. Pac.	Quandt	3945
2563	Hansen	Meyer	23500
2564	Mignola	Grahn	5000
2565	Riesener	Owner	10000
2566	Holian	Owner	3000
2567	Lurie	Martin	7000
2568	Markwart	Owner	7000
2569	Mangels	Owner	7000
2570	Hennessy	Britt	5200
2571	Costello	Owner	7000
2572	Smith	Owner	4000
2573	Peterson	Smith	4000
2574	Tadwick	Meyer	9000
2575	Lindner	Meyer	3000
2576	Janssen	Owner	2400
2577	Black	Owner	4000
2578	Hansen	Meyer	20000
2579	Dahl	Field	10000
2580	Tarper	Fontanella	1200
2581	Penziner	Morris	12900
2582	Anker	McIntosh	8260
2583	Madsen	Todhunter	1298
2584	All Star	Elvin	1800
2585	Stewart	Jenkins	1900
2586	Janssen	Owner	20000
2587	Davison	Owner	3000
2588	Livesay	Monson	40000
2589	Madsen	Todhunter	1000
2590	Lincoln	Oswald	1500
2591	Crane	Owner	8000
2592	Peneat	Magill	13750
2593	Medico-Dental	Turner	192000
2594	Trombetta	Owner	8000
2595	Priolo	Owner	3000
2596	Hargrave	Owner	3500
2597	Smale	Owner	4000
2598	"1906 Bdway."	Quandt	125000
2599	Buckley	Meyer	12000
2600	Armand	Medus	2700
2601	Ford	Bertram	3000
2602	Lipman	Meyer	3000
2603	Smith	Hamerton	1000
2604	O'Leary	Stevenson	6200
2605	Rock	Harder	16090
2606	Grenet	Owner	22000
2607	Schutt	Mitchell	6000
2608	Shapero	Jones	——
2609	Park	Jenkins	993
2610	Roeder	Butte	2975
2611	Harley	Jones	9740
2612	O'Leary	Stevenson	6200
2613	Brandon	Owner	4000
2614	Arnott	Owner	3000
2615	McCarthy	Arnott	3000
2616	Mattock	Owner	2000
2617	Munroe	Mission	80000
2618	Macker	Snow	5500
2619	McCarthy	Arnott	3000
2620	Arnott	Owner	9000
2621	Salmi	Brown	3000
2622	Davis	Wolfenden	8000
2623	Emery	Arnott	8000
2624	Arnott	Owner	8000
2625	Thorup	Owner	10000
2626	Holden	Terry	12000
2627	Holden	Terry	4000
2628	Michael	Owner	4090
2629	Dahl	Field	10615
2630	Cavey	Mattock	8500
2631	Lang	Merz	7500
2632	Dunne	Johnson	8000
2633	Duncan	Owner	3500
2634	Way	Meyer	12000
2635	Campbell	Paul	5000
2636	Steiger	Owner	5600
2637	Batchlos	Sullivan	5500
2638	Bernhardt	Owner	10000
2639	King	Owner	9000
2640	Brouillet	Higginson	1000
2641	Connoly	Midbust	12000
2642	Massamini	Buschke	6000
2643	Smith	Owner	4000
2644	Olmo	Owner	3800
2645	Magill	Magill	7000
2646	P G & E	Coutts	——
2647	Hennessy	Britt	6500
2648	Connolly	Midbust	19600
2649	Del Monte	Pagano	20600
2650	Rock	Harder	16550
2651	Newman	Cohn	5350

FLATS
(2549) N FILBERT 171-10 W Jones. Two-story and basement frame (2) flats.
Owner—A. Simocelli, 659 Columbus Ave., San Francisco.
Architect—None.
Contractor — Devencenzi Bros., 1082 Union St., S. F. $5000

DWELLINGS
(2550) N LAWTON 82-6 and 107-6 E Twelfth Ave. Two one-story and basement frame dwellings.
Owner—R. F. Cassidy, 1031 Irving St., San Francisco.
Architect—None.
Contractor—L. H. Stevenson, 45 Worth St., San Francisco. $4500 each

DWELLING
(2551)) SE MAGELLAN 400 NE Montalvo. Two-story and basement frame dwelling.
Owner—A. J. Young, 570 Magellan Ave., San Francisco.
Architect—H. Stoner, 219 First Nat'l. Bank Bldg., San Francisco.
Contractor—Lang Realty Co., 219 First Nat'l. Bank Bldg., S. F. $6000

FLATS
(2552) N McALLISTER 178-3 and 207-2 E Arguello Blvd. Two two-story and basement frame flats (4 flats in each building).
Owner — Christiansen Bros., 518 25th Ave., San Francisco.
Architect—None. $9000 each

DWELLING
(2553) W NINETEENTH AVE 33-4 S Taraval. One-story and basement frame dwelling.
Owner—Chas. R. Trost, 475 29th St., San Francisco.
Architect—None. $4000

STORE, ETC.
(2554) NW SAN BRUNO AVE AND Harkness . Two-story frame store and flat.
Owner—Christ J. Pantoleon, Premises.
Architect—Jas. G. Neish, 136 Cora St., San Francisco.
Contractor—James G. Neish, 136 Cora St., San Francisco. $5000

FACTORY
(2555) W SIXTH 275 S Folsom. Two-story concrete factory.
Owner—W. H. Woodfield.
Engineer—J. H. Hjul, 128 Russ St., San Francisco.
Contractor—J. H. Hjul, 128 Russ St., San Francisco. $40,000

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UNDERPINNING
(2556)) S SUTTER 60 E Mason. Underpinning.
Owner—Mr. Curtis, 57 Post St., San Francisco.
Architect—S. Heiman, 57 Post St., San Francisco. $2000

ALTERATIONS
(2557) NO. 1420 ALABAMA. Alterations and additions.
Owner—John Flanagan, 1550 Hampshire St., San Francisco.
Architect—None.
Contractor—James Durney. $1400

DWELLING
(2558) E CURTIS 125 N Morse. Two-story and basement frame dwlg.
Owner—Arthur B. Stevens, 4026 Fulton St., San Francisco.
Architect—None. $3000

ALTERATIONS
(2559) 125 MARKET STREET. Remodel front of store and lofts.
Owner—Baldwin & Howell, — Kearny St., S. F.
Architect—None.
Contractor—Barrett & Hilp, 918 Harrison St., S. F. $1500

FLATS
NE TAYLOR AND FILBERT. Two-story and basement frame (2) flats.
Owner—Frank Costa, 472 Union St., San Francisco.
Architect—L. Traverso, 854 Union St., San Francisco.
Contractor — V. Filippis, 1547 Powell St., San Francisco. $14,000
NOTE: Recorded contract reported May 21, 1924, No. 2428.

DWELLING
(2560) E LARKIN 87-8½ S GREENwich S 24-9½ x E 87-6. All work for 2-story frame dwelling.
Owner—John A. and Adeline Murray, 135 Fremont St., S. F.
Architect—Chas. F. Matsen and Lester W. Hurd, 278 Post St., S. F.
Contractor—Meyer Bros., 603 First National Bank Bldg., S. F.
Filed June 5, 1924. Dated Apr. 7, 1924.
Frame up $3875
Brown coated 3875
Completed and accepted 3875
Usual 35 days 3875
TOTAL COST, $15,500
Bond, $7750. Sureties, Aetna Casualty & Surety Co. Forfeit, $5.00. Limit, 110 days. Plans and specifications filed.

DWELLINGS
(2561) W TWENTY-EIGHTH AVE. 175 S Irving S 75 x W 120. All work for three 1-story and basement frame dwellings.
Owner—A. M. Tadwick, 108 Shrader, San Francisco.
Architect—None.
Contractor—Meyer Bros., 603 First National Bank Bldg., S. F.
Filed June 5, 1924. Dated June 4, 1924.
Roof sheathing on $3147.75
Brown coated 3147.75
Completed 3147.75
Usual 35 days 3147.75
TOTAL COST, $12,591
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

PAINTING
(2562) THIRD AND TOWNSEND STS. All work for painting exterior of railroad passenger station.
Owner—Southern Pacific Co., 65 Market St., S. F.
Architect—None.
Contractor—A. Quandt & Son, 180 Jessie St., S. F.
Filed June 5, 1924. Dated May 16, 1924.
End of each month 75%
Usual 35 days 25%
TOTAL COST, $3945
Bond, $3445. Sureties, New Amsterdam Casualty Co. Forfeit, none. Limit, 40 days. Plans and specifications filed.

STORE, APTS.
(2563) W VALENCIA 55 N 18TH N 50 x W 100. All work for 2-story store and apartment building.
Owner—N. M. Hansen.
Architect—None.
Contractor—Meyer Bros., 5328 Geary St., S. F.
Filed June 5, 1924. Dated June 4, 1924.
Roof rafters on $4700
Tar and gravel roof on 4700
Brown coated 4700
Completed 4700
Usual 35 days 4700
TOTAL COST, $23,500
Bond, sureties, forfeit, none. Limit, 120 days. Plans and specifications not filed.

DWELLING
(2564) E FORTIETH AVE 200 S Cabrillo. One-story and basement frame dwelling.
Owner—H. Mignola, 1019 Shotwell St., San Francisco.
Architect—None.
Contractor—Wm. H. Grahn, 2965 Mission St., San Francisco. $5000

FACTORY
(2565) W HAYWARD 50 S Harrison. Four-story brick and steel frame factory.
Owner—Riesener Chocolate Co., 415 8th St., San Francisco.
Architect—T. H. Keil, Call Bldg., San Francisco. $10,000

ADDITION
(2566) NO. 2355-57 HOWARD. Three-room addition for flats.
Owner—Austin Holian, 222 Dore St., San Francisco.
Architect—None. $3000

STORES
(2567) E JONES 133-10 N McAllister. 1-story and basement concrete stores.
Owner—The Lurie Co., 315 Montgomery St., S. F.
Architect — O'Brien Bros., Inc., 315 Montgomery St., S. F.
Contractor—Wm. Martin, 130 Jessie St., San Francisco.

RESIDENCE
(2568) NW LINARES AND 8TH AVE. 2-story frame residence.
Owner—E. K. Markwart, 622 Standard Oil Bldg., S. F.
Architect—B. G. McDougal, 353 Sacramento St., S. F. $7000

DWELLING
(2569) W SANTA ANA 170 N Monterey Blvd. 2-story and basement frame dwelling.
Owner—H. C. & W. J. Mangels, 4792 Mission St., S. F.
Architect—B. C. Corbett, 1720 Pacific Ave., S. F.
Contractor—Mangels Bros., 4792 Mission St., S. F. $7000

STORES
(2570) E SIXTH 75 N JESSIE. 1-story concrete stores.
Owner—Frank J. Hennessy & H. F. Ramaccitti, 228 Montgomery St., San Francisco.
Architect—None.
Contractor—O. W. Britt, 1257 Arguello Blvd., S. F. $5200

APARTMENTS
(2571) W MONTGOMERY 103-3 S Green. 3-story and basement frame (6) apartments.
Owner—G. Costello, 375 Green St., S. F.
Architect—Thomas Bros., 235 Montgomery St., S. F. $7000

DWELLINGS
(2572) W SEVENTEENTH AVE. 60, 92 and 124 S Rivera. Three 1-story and basement frame dwellings.
Owner—Byrd O. Smith, 247 Montgomery St., S. F.
Architect—None. $4000

DWELLING
(2573) E TWELFTH AVE. 250 N Moraga. 1-story and basement frame dwelling.
Owner—Andrew J. Peterson, % Wm. F. Yatees, 247 Montgomery St. S. F.
Architect—None.
Contractor—B. O. Smith, 247 Montgomery St., S. F. $4000

DWELLINGS
(2574) W TWENTY-EIGHTH AVE. 175, 200 and 225 S Irving. Three 1-story and basement frame dwlgs.
Owner—A. M. Tadwick.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. $3000 each

DWELLING
(2575) W TWENTY-FIFTH AVE. 175 N Ulloa. 1-story and basement frame dwelling.
Owner—John & Inna Lindner, 1 Montgomery St., Room 603, S. F.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. $3000

DWELLINGS
(2576) W TWENTY-THIRD AVE. 25, 50, 75, 100, 125, and 150 N Balboa. Six 1-story and basemeent frame dwellings.
Owner—E. A. Janssen, Hearst Bldg., San Francisco.
Architect—None. $4000 each

DWELLING
(2577) W TWENTY-THIRD AVE. 175 N Balboa. 1-story and basement frame dwelling.
Owner—R. G. Black, 240 Waller St., San Francisco.
Architect—None. $4000

STORE, APTS.
(2578) W VALENCIA 55 N 18TH. 2-story and basement framee store and (8) apartment.
Owner—N. M. Hansen, 620 Valencia St. San Francisco.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. $20,000

DWELLING
(2579) NE VASQUEZ AND HERNANdez. 1-story and basement frame dwelling.
Owner—Henry Dahl, 4508 Fulton St., San Francisco.
Architect—A. J. Fabre and E. H. Hildebrand, 110 Sutter St., S. F.
Contractor—Fred H. Field, 572 62nd St. Oakland, Cal. $10,000

ALTERATIONS
(2580) 3665 WASHINGTON ST. Install 2 dormers, 1 fire escape, terra cota flue, ratproofing for garage, (residence).
Owner—A. B. Tarper, 3665 Washington St., S. F.
Architect—None.
Contractor — Fontanella & Teza, 41 Sheridan St., S. F. $1200

PLUMBING
(2581) N TURK 87-6 W Leavenworth. All work for plumbing 6-story apartment building.
Owner — A. Penziner, 750 Taylor St., San Francisco.
Architect—None.
Contractor—Morris & Chadbourne.
Filed June 6, 1924. Dated June 2, 1924.
To Bowman Plumbing Supply Co. on acct. of contractor..$4714.20
To Simonds Machinery Co... 1317.00
Per week for labor..... 125.00
Usual 35 days .....Balance
TOTAL COST, $12,900
Bond, $6500. Sureties, Indemnity Ins. Coo. of North America. Forfeit, none. Limit, 140 days. Plans and specifications filed.

RESIDENCE
(2582) W THIRTY-SECOND AVE. 356 N California N 28 W 118-7¼ SE 28-1¾ E 115-9⅛. All work except shades and electric fixtures for 1-story and basement frame residence.
Owner—Marian and Morrey Anker, c/o architect.
Architect — August G. Headman, 747 New Call Bldg., S. F.
Contractor—McIntosh Bros., 180 Jessie St., S. F.
Filed June 6, 1924. Dated June 3, 1924.
Ceiling joists in place $1548
Ready for plaster 1549
Ready for painting 1549
Completed and accepted 1549
TOTAL COST, $8260
Bond, $4500. Sureties, Theo. DePass and J. J. McLeod. Forfeit, $10. Limit, 90 days. Plans and specifications filed.
NOTE—Permit reported June 3, 1924 No. 2499.

ALTERATIONS
(2583) NE NINTH AND FOLSOM. All work for alterations and additions to store.
Owner—Miss O. Madsen.
Architect—None.
Contractor—George C. Todhunter, 1088 Ashbury, S. F.
Filed June 6, 1924. Dated June 3, 1924.
Rough work all done $344.50
Completed & accepted 344.50
Usual 35 days 344.50
TOTAL COST, $1298
Bond, sureties, forfeit, limit, none. Plans and specifications filed.

ALTERATIONS
(2524) NO. 649 BROADWAY. New flooring in theatre.
Owner—All Star Features, 209 Golden Gate Ave., San Francisco.
Architect—None.
Contractor—Arthur E. Elvin, 139 Jessie St., San Francisco. $1800

ALTERATIONS
(2585) NO. 52 CASELLI AVE. Raise dwelling 6 ft.; concrete foundation cement floor for garage quarters.
Owner—J. S. Stewart, 52 Caselli Ave., San Francisco.
Architect—None.
Contractor—Jenkins & Gross, 3360 Market St., San Francisco. $1900

FLATS
(2586) W CALIFORNIA 81-3½ and 109-3½ W Parker Ave. Two two-story and basement frame flats (4 flats in each building).
Owner—E. A. Janssen, 402 Hearst Bldg. San Francisco.
Architect—None. $10,000 ea

DWELLING
(2587) S DEMONTFORD 75 W Faxon Ave. One-story and basement frame dwelling.
Owner—John Davison, 211 DeMontford St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco. $3000

APARTMENTS
(2588) S FILBERT 137-6 W Larkin. Three-story and basement frame (18) apartments.
Owner—T. F. Livesay, 2700 Polk St., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—Anderson Bros., 251 Kearny St., San Francisco. $40,000

ALTERATIONS
(2589) NE FOLSOM AND NINTH. Install (2) store fronts; magnesite flooring; erect partitions; electric work for restaurant.
Owner—O. Madsen, Russ Bldg., S. F.
Architect—None.
Contractor—Geo. C. Todhunter, 1088 Ashbury St., S. F. $1000

TUNNEL
(2590) SE MARKET AND FIFTH. Construct tunnel in private alley in rear of building.
Owner—Lincoln Realty Co., 1020 Mills Bldg., San Francisco.
Architect—J. G. Little & Co., 251 Kearny St., San Francisco.
Contractor—A. B. Oswald, 1020 Mills Bldg., San Francisco. $1500

RESIDENCE
(2591) W SANTA ANNA 80 N Monterey Blvd. One and one-half-story and basement concrete residence.
Owner—Myrl R. Crane, 74 Miramar Ave., San Francisco.
Architect—Norman R. Coulter, 46 Kearny St., S. F. $8000

APARTMENTS
(2592) N GROVE 106-3 E Stanyan E 25xN 125. All work for two-story and basement frame apartments.
Owner—Catherine E. Penaal, 521 4th Ave., San Francisco.
Architect—None.
Contractor—Charles T. Magill, 581 4th Ave., San Francisco.
Filed June 7, '24. Dated Apr. 21, '24
Frame up $3437.50
Brown coated 3437.50
Completed and accepted..... 3437.50
Usual 35 days..... 3437.50
TOTAL COST, $13,700.00
Bond, limit, forfeit, none. Plans and specifications filed.
NOTE—Permit reported Apr. 11, 1924 No. 1655.

PLUMBING, ETC.
(2593) NE POST & MASON. Plumbing equipment, heating, ventilating and wiring systems for building.
Owner—The Medico Dental Building Corp., 301 1st National Bank Bldg., San Francisco.
Architect—Geo. W. Kelham & Wm. G. Merchant, Sharon Bldg., S. F.
Contractor—The Turner Co., 272 Natoma St., San Francisco.
Filed June 7, '24. Dated May 9, '24.
Cost of labor and material to be paid on 15th of each month....
Contractor's fee in 6 equal payments as follows:
Roughing in 50% completed .....
Roughing in completed .....
Boiler room equipment takns in..
Completed and accepted.....
Usual 35 days.....
TOTAL COST not to exceed $192,000 plus $24,000 as contractor's fee.
Bond, $110,000. Surety, Globe Indemnity Co. Limit, 250 days. Forfeit, none. Plans and specifications, none.
NOTE—Permit reported May 3, 1924, No. 2053.

FLATS
(2594) SW BOSWORTH AND CUVIER Sts. 2-story and basement frame flats.
Owner—Guiseppe Trombetta, 171 Vista Ave., Daly City, Calif.
Architect—Leonard H. Ford, 306 14th St., Oakland, Cal. $8000

DWELLING
(2595) W CHENERY BET. DIAMOND and Lippard. 1-story and basement frame dwelling.
Owner—Paolo Priolo, 732 Chenery St., San Francisco.
Architect—None. $3000

DWELLING
(2596) S DE MONTFORD 50 E Capitol. 1-story and basement frame dwelling.
Owner—E. J. Hargrave, 1106 Laguna Ave., Burlingame, Cal.
Architect—Plans by owner. $3500

DWELLING
(2597) E FORTIETH AVE. 154-3 S Balboa. 1-story and basement frame dwelling.
Owner—W. J. Smale and wife, 15 Ford St., S. F.
Architect—None. $4000

APARTMENTS
(2598) N BROADWAY 121-6 E Laguna. 10-story and basement concrete class A apartment bldg.
Owner—"1960 Broadway," % contractors.
Architect—None.
Contractor—Quandt & Bos, Humboldt Bank Bldg., S. F. $125,000

FACTORY
(2599) NE QUINT AND EVANS. 1-story brick factory.
Owner—F. S. Buckley, 1 Montgomery St., Room 603, S. F.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. $12,000

FLATS
(2600) W SALMON 97-6 S Broadway. 2-story and basement frame (2) flats.
Owner—J. Armand, 62 Salmon St., S. F.
Architect—None.
Contractor—L. Medus, 949 Broadwayy, San Francisco. $2700

DWELLING
(2601) W SCHRADER 436 S 17TH. 1-story and basement frame dwlg.
Owner—John W. Ford, — 17th St., S. F.
Architect—None.
Contractor—Geo. A. Bertram, 2831 Mission St., S. F. $3000

DWELLING
(2602) W THIRTY-FIFTH AVE. 175 N Geary. 1-story and basement frame dwelling.
Owner—Rose Lipman, 1 Montgomery St., Room 603, S. F.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. $3000

ADDITION
(2603) SW TWENTY-FIFTH AND Guerrero Sts. Additions for four flats.
Owner—J. F. Smith, 481 Dewey Blvd., San Francisco.
Architect—None.
Contractor—A. C. Hamerton, 481 Dewey Blvd., S. F. $1000

DWELLING
(2604) NW WORTH AND 22ND STS. 2-story and basement frame dwlg.
Owner—Frances J. O'Leary, 4259 22nd St., S. F.
Architect—None.
Contractor—L. H. Stevenson, 45 Worth St., S. F. $6200

FLATS
(2605) S EIGHTEENTH 55 W San Carlos Ave. 3-story and basement frame (6) flats.
Owner—M. J. Rock.
Architect—W. H. Armitage, 72 New Montgomery St., S. F.
Contractor—John Harder, 870 39th Ave. San Francisco. $16,000

FLATS
(2606) NW GUERRERO AND 18TH Sts. 3-story frame (4) flats.
Owner—J. Grenet, % architect.
Architect—Fabre & Hildebrand, 110 Sutter St., S. F. $22,000

DWELLING
W HAMPSHIRE 180 N 24TH. One-story and basement frame dwelling
Owner—Herman Schutt, SE 24th Ave., and San Bruno Ave., S. F.
Architect—None.
Contractor — Thos. F. Mitchell, 1370 Utah St., S. F. $6000

COTTAGE
(2607) W HAMPSHIRE 180 N 24TH N 26 x W 100. All work for 1-story 5-room cottage.
Owner—Herman Schutt, SE 24th Ave. and San Bruno Ave., S. F.
Architect—None.
Contractor—Thos. F. Mitchell & Son, 1370 Utah St., S. F.
Filed June 9, 1924. Dated June 7, 1924.
Frame up $1500
Brown coated 1500
Completed and accepted 1500
Usual 35 days 1500
TOTAL COST, $6000
Bond, sureties, forfeit, none. Limit, 120 days. Plans and specifications filed.
NOTE—Permit applied for today.

STORE, FLATS.
(2608) SW IRVING AND 16TH AVE. All work except plumbing, heating, lighting fixtures and window shades for 3-story frame bldg., store and flats.
Owner—Jos. and Dora Shapero, 1911 Anza St., S. F.
Architect—None.
Contractor—Thos. M. Jones, 3767 Army St., S. F.
Filed June 9, 1924. Dated Apr. 23, 1924.
On 5th of each month, 75% of all work completed.
TOTAL COST—Owner to pay entire cost of bldg. plus $830 to contractor.
Bond, sureties, forfeit, none. Limit, 120 days. Plans and specifications filed.
NOTE—Permit reported Apr. 12, 1924, No. 1694.

MOVING, ETC.
(2609) S RANDOLPH 50 E BRIGHT, No. 27 Randolph. All work for moving, raising, foundation, grading, underpinning, 1-story frame building.
Owner — Edw. J. and Ellen Park, 27 Randolph, S. F.
Architect—Lewis M. Gardner, 942 Pine St., S. F.
Contractor — Jenkins & Gross, 3360 Market St., S. F.
Filed June 9, 1924. Dated Apr. 10, 1924.
Moved and enclosed $496.00
Completed and accepted 497.05
TOTAL COST, $993.05
Bond, $497.05. Sureties, Gesina C. Jenkins and J. F. Hamann. Forfeit, none. Limit, none. Plans and specifications filed.

ELECTRICAL WORK
(2610) E THIRD 41-3 N QUESADA. All electrical work for class A theatre and store building.
Owner—Otto Roeder, 959 Montgomery St., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., S. F.
Contractor—Butte Electric & Mfg. Co., 530 Folsom St., S. F.
Filed June 9, 1924. Dated May 20, 1924.
10th of each month 75%
Completed .....Balance
TOTAL COST, $2975
Bond, sureties, forfeit, limit, none. Plans and specifications filed.

WAREHOUSE
(2611) N TOWNSEND BET. 7TH AND 8th. All work for 2-story corrugated warehouse.
Owner—Charles Harley Co., 750 7th St., San Francisco.
Architect—Wm. Brandt.
Contractor — Thomas M. Jones, 3767 Army St., S. F.
Filed June 9, 1924. Dated May 19, 1924.
On completion, 75% of paid bills.
35 days after, balance.
TOTAL COST, $9740.

Bond, $9740. Sureties, Globe Indemnity Co. Forfeit, none. Limit, 30 days. Plans and specifications filed.

RESIDENCE
(2612) NW WORTH AND 22ND. 30 x 90. All work for 2-story and basement frame residence.
Owner—Frank J. O'Leary, 350 12th St., San Francisco.
Architect—None.
Contractor—L. H. Stevenson, 45 Worth, San Francisco.
Filed June 9, 1924. Dated June 5, 1924.
Frame up $1550
Brown coated 1550
Completed 1550
Usual 35 days 1550
TOTAL COST, $6200
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

DWELLING
(2613) N ANZA 12-6 W Twenty-ninth Ave. One-story and basement frame dwelling.
Owner—Dr. Thorne Brandon, 562 20th Ave., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $4000

DWELLING
(2614) E BRIGHTON 25 S Grafton. One-story and basement frame dwelling.
Owner—Jas. A. Arnott & Son, 235 Granville Way, San Francisco.
Architect—None. $3000

DWELLING
(2615) SE BRIGHTON AND GRAFTON One-story and basement frame dwelling.
Owner—McCarthy Co., 316 Bush St., San Francisco.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $3000

INDUSTRIAL PLANT
(2616) N CLARA 212-6 W Fifth. One-story frame industrial plant.
Owner—Mattock & Feasey, 210 Clara St., San Francisco.
Architect—None. $2000

APARTMENTS
(2617) N GEARY 75 E Hyde. Six-story and basement concrete (25) apartments.
Owner—Chas. A. Munroe, % Architect.
Architect—August Headman, 747 New Call Bldg., San Francisco.
Contractor—Mission Concrete Co., 123-125 Kissling St., S. F. $80,000

DWELLING
(2618) S JUDAH 57-6 E Seventeenth Ave. One-story and basement frame dwelling.
Owner—D. E. Macker, 373 Frederick St., San Francisco.
Architect—J. M. Smithwick, 1492 Pacific St., San Francisco.
Contractor—C. T. Snow, 373 Frederick St., San Francisco. $5500

DWELLING
(2619) E LEE AVE 350 S Grafton. One-story and basement frame dwelling.
Owner—McCarthy Bros., 316 Bush St., San Francisco.
Architect—None.
Contractor—Jas. Arnott & Son, 235 Granville Way, S. F. $3000

DWELLINGS
(2620) S MANGELS 250 E Hamburg; S Mangels 250 E Genessee; S Mangels 275 W Genesee. Three one-story and basement frame dwlgs.
Owner—Jas. Arnott & Sons, 235 Granville Way, San Francisco.
Architect—None. $3000 each

DWELLING
(2621) W SAN BRUNO 100 S Mansell. 1-story and basement frame dwlg.
Owner—Sophie Salmi, 467 Harkness St., San Francisco.
Architect—Philip Fetz, 460 Wilde St., San Francisco.
Contractor—Brown & Fetz, 460 Wilde St., San Francisco. $3000

FLATS
(2622) W SHOTWELL 150 S 14TH. 2-story and basement frame (2) flats.
Owner—Bert K. Davis, 18 Shotwell St., San Francisco.
Architect—None.
Contractor—Geo. Wolfenden, 827 Waller St., S. F. $8000

DWELLINGS
(2623) E THIRTY-FIFTH AVE. 300 and 325 S Lincoln Way. Two 1-story and besement frame dwellings.
Owner — Emery & Connolly, 1541 Haight St., S. F.
Architect—None.
Contractor — Jas. Arnott & Son, 235 Granville Way, S. F. $4000 each.

DWELLINGS
(2624) E THIRTY-FIRST AVE. 275 and 300 N Ulloa. Two 1-story and basement frame dwellings.
Owner—Jas. Arnott & Son, 235 Granville Way, S. F.
Architect—None. $4000 each.

DWELLINGS
(2625) E THIRTY-SIXTH AVE. 250 and 275 S Geary. Two 1-story and basement frame dwellings.
Owner—J. H. Thorup, 2424 Balboa St., San Francisco.
Designer and Contractor—J. H. Thorup, 2424 Balboa St., S. F. $5000 each

DWELLINGS
(2626) W TWENTIETH AVE. 25, 50 and 75 S Rivera. Three 1-story and basement frame dwellings.
Owner—St. George Holden, 308 Crocker Bldg., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., S. F.
Contractor—Wm. L. Terry, 90 Allston Way, S. F. $4000 each.

DWELLING
(2627) SW TWENTIETH AVE. AND Rivera. 1-story and basement frame dwelling.
Owner—St. George Holden, 308 Crocker Bldg., S. F.
Architect—Chas. F. Strothoff, 15th and Castro Sts., S. F.
Contractor—Wm. L. Terry, 90 Allston Way, S. F. $4000

DWELLING
(2628) N TWENTY-THIRD 52-2 W Alabama. 1-story and basement frame dwelling.
Owner—I. Michael, 220 De Haro St., San Francisco.
Architect—None. $4000

RESIDENCE
S MONTEREY 594 E SAN BENITO Way. 2-story and basement frame residence.
Owner—J. B. Jamison, Berkeley, Calif.
Architect—H. H. Gutterson, 526 Powell St., S. F.
Contractor — Moore & Madsen, 77 O'Farrell St., S. F. $12,400
NOTE — Recorded contract reported May 16, 1924, No. 2273.

FRAME BLDG.
(2629) LOT 8, BLK. 32, MAP OF Blks. 27 to 34, Forest Hill Extension. All work for 1-story and basement frame building.
Owner—Henry Dahl, 4508 Fulton St., San Francisco.
Architect—Alfred J. Fabre and Ernest H. Hildebrand, 110 Sutter St., S. F.
Contractor — Fred H. Field, 572 62nd St., Oakland.
Filed June 10, 1924. Dated June 5, 1924.
Frame up, roof sheathed.....$2653
Brown coated 2653
Completed and accepted 2653
Usual 35 days 2656
TOTAL COST, $10,615
Bond, sureties, none. Forfeit, $5.00. Limit, 110 days. Plans and specifications filed.
NOTE—Permit reported June 7, 1924, No. 2579.

FLATS
(2630) E AUBURN 68-9 N Jackson. 2-story and basement frame (2) flats.
Owner—Auguste Cavey, Auburn St., near Jackson, S. F.
Plans by owner.
Contractor — Mattock & Feasey, 210 Clara St., S. F. $8500

ALTERATIONS
(2631) 111 BUENA VISTA AVENUE. Reconstruct residence for (4) apts; wire lath and plastering; concrete garage floor; fire escapes, etc.
Owner—Leonard Lang, premises.
Architect—None.
Contractor — John H. Merz, 273 Lily Ave., S. F. $7500

(2632) N CALIFORNIA 25 W Arguello Blvd. 2-story and basement frame (2) flats.
Owner—Mrs. Maude L. Dunne, 282 16th Ave., S. F.
Architect—A. G. Rizzoli, 2879 Folsom St., S. F.
Contractor—Nels P. Johnson, 1934 Folsom St., S. F. $8000

SHOP
(2633) W DIVISADERO 137-6 S Geary. 1-story frame furniture shop.
Owner—F. V. Duncan, 1548 Divisadero St., S. F.
Architect—None. $3500

DWELLINGS
(2634) W FORTY-FIRST AVE. 125, 150 and 175 S Balboa. Three 1-story and basement frame dwlgs.
Owner—John H. Way, % contractors.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F. $4000 each.

FLATS
(2635) E FORTY-THIRD AVE. 200 S Balboa. 2-story and basement frame (2) flats.
Owner—Katherine E. Campbell, 1030 Post St., S. F.
Architect—None.
Contractor—B. M. Paul, 952 Hilldale Ave., S. F. $5000

ALTERATIONS
(2636) 1660 HAIGHT ST. Remodel theatre building for market.
Owner — H. Steiger, 1630 Haight St., San Francisco.
Architect—None. $5600

ALTERATIONS
(2637) E MASON 137-6 N Post. Underpin apartments with brick.
Owner—Bachelor Apartments, % contractors.
Architect—None.
Contractor—D. J. & T. Sullivan, 1942 Folsom St., S. F. $5500

DWELLINGS
(2638) E TWENTY-NINTH AVE. 250 and 350 S Irving. Two 1-story and basement frame dwellings.
Owner — Bernhardt Building Co., 582 Grove St., S. F.
Plans by owner. $5000 each

APARTMENTS
(2639) S VALLEJO 65-6 E Larkin. 2-story and basement frame (4) apartments.
Owner—S. J. King, 2609 California St., San Francisco.
Architect—None. $9000

ADDITION
(2640) 44 DANVERS ST. 2-room addition for residence.
Owner—Catherine Brouillet, 44 Danvers St., S. F.
Architect — Andrew H. Knoll, Hearst Bldg., S. F.
Contractor—Ed. Higginson, 1041 Clayton St., S. F. $1000

APARTMENTS
(2641) E FRANKLIN 50 N Filbert. 2-story and basement frame (4) apartments.
Owner—A. H. Connoly, Anza near 17th Ave., S. F.
Architect—None.
Contractor—P. Midbust, 529 Pierce St., San Francisco. $12,000

CONCRETE BLDG.
(2642) NE SAN BRUNO AND BACON Sts. 1-story class C reinforced concrete dyeing and cleaning works.
Owner—Bogani & Massamini.
Architect—None.
Contractor — Buschke & Brown, 604 Mission St., S. F. $6000

DWELLING
(2643) W SEVENTEENTH AVE. 28 S Rivera. 2-story and basement frame dwelling.
Owner—Byrd O. Smith, 247 Montgomery St., S. F.
Architect—None. $4000

DWELLING
(2644) SE THERESA AND ALEMANY 1-story and basement fframe dwlg.
Owner—F. Olmo Co., 3373 Mission St., San Francisco.
Architect—None. $3800

FLATS
(2645) E TWENTY-SECOND AVE. 150 N Fulton. 2-story and basement frame (2) flats.

Owner—W. W. Magill, 581 4th Ave., San Francisco.
Architect—None.
Contractor—C. T. Magill, 581 24th Ave., San Francisco. $7000

STEEL WORK
(2646) S COMMERCIAL 60 E Montgomery E 49-6, S 59-6, E 6-3, S 60 W 26 N 60 W, 30, N 59-6. All work for erection and riveting of structural steel for steel frame for substation J.
Owner—Pacific Gas & Electric Co., 445 Sutter St., S. F.
Architect—None.
Contractor—A. D. Coutts, 1425 Shotwell St., S. F.
Filed June 11, 1924. Dated June 9, 1924.
On completion 75%
Usual 35 days 25%
TOTAL COST—At rate of $17.50 per ton.
Bond, $1500. Sureties, Maryland Casualty Co. Forfeit, none. Limit, 30 days. Plans and specifications filed.

BUILDING
(2647) NE SIXTH 55 NW NATOMA, 25 x 75. All work for building.
Owner—Frank J. Hennessy and H. F. Rammacotti, 228 Montgomery St., San Francisco.
Plans by contractor.
Contractor—O. W. Britt, 1257 Arguello Blvd., S. F.
Filed June 11, 1924. Dated June 7, 1924.
10th of each month 75%
Bond, sureties, none. Forfeit, $10.00. Limit, 70 days after June 7, 1924. Plans and specifications not filed.

APT.FLAT
(2648) E FRANKLIN 50 N Filbert. All work for 2-story and basement frame apartment flat.
Owner—Arthur H. and Bertha G. Connolly, Anza near 17th Ave., S. F.
Architect—None.
Contractor — Peter M. Midbust, 529 Pierce St., S. F.
Filed June 11, 1924. Dated June 10, 1924
Rough frame up, and roof on..$4900
Brown coated 4900
Completed and accepted 4900
35 days after 4900
TOTAL COST, $19,600
Bond, $9800. Sureties, The Aetna Casualty Co. Forfeit, none. Limit, 90 days. Plans and specifications filed.
NOTE—Permit applied for today.

FLATS
(2649) NW UNION AND TAYLOR W 25 x N 137-6. All work except shades, lighting fixtures and gas heaters for 3-story and basement frame bldg. (4 flats).
Owner—A. Del Monte, $60 Union St., San Francisco.
Architect — Paul F. De Martini, 946 Broadway, S. F.
Contractor — B. Pagano, 237-A Union St., S. F.
Filed June 11, 1924. Dated June 5, 1924.
Frame up $5150
Brown coated 5150
Completed and accepted 5150
Usual 35 days 5150
TOTAL COST, $20,600
Bond, $10,300. Sureties, Giovanni Molinari and Louis Canessa. Forfeit, none. Limit, 100 days after June 10. Plans and specifications filed.
NOTE—Permit reported May 26, 1924, No. 2399.

FLATS
(2650) S EIGHTEENTH ST. 55 W San Carlos W 25 x S 85. All work for 3-story and basement frame bldg., flats.
Owner—M. J. Rock, 466 Clipper St., San Francisco.
Architect — W. H. Armitage, 72 New Montgomery St., S. F.
Contractor—John Harder, 870 39th Ave San Francisco.
Filed June 11, 1924. Dated June 5, 1924.
Rough frame up $4000.00
Brown coated and roof on .. 4000.00
White coated and standing finish on 1200.00
Completed and accepted 3212.50
Usual 35 days 4137.50
TOTAL COST, $16,550
Bond, $8275. Sureties, The Fidelity & Casualty Co. of N. Y. Forfeit, none. Limit, 90 days. Plans and specifications filed.
NOTE—Permit reported June 10, 1924 No. 2605.

UNDERPINNING
(2651) S SUTTER, E MASON, NO. 575 Sutter. All work for underpinning of building known as Curtis Studio.
Owner—Leo Newman, 1161 Greenwich St., S. F.
Architect—S. Heiman, 57 Post St., S. F.
Contractor—Louis J. Cohen, 110 Sutter St., S. F.
Filed June 11, 1924. Dated June 9, 1924.
Completed and accepted of all work except new yard flr..$3637.50
35 days after completed except yard floor 1212.50
Back filling and new cement floor in rear yard completed 500.00
TOTAL COST, $5350
Bond, $2675. Sureties, Geo. Cohn and Myron C. Frank. Forfeit, none. Limit, 15 days. Plans and specifications not filed.

STORES & APTS.
N FOOTHILL BLVD. 70 W 34th Ave., Oakland. 2-story brick stores and apartments.
Owner—L. P. Johnson, 3320 Foothill Blvd., Oakland.
Architect—None.
Contractor—Dildine & Knight, 378 63rd St., Oakland.
NOTE—Recorded contract reported June 9, 1924, No. 3079. $18,000

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted

Co to whom it may concern.....
.....May 27, 1924
June 5, 1924—LOT 19 BLK 6439, Crocker Amazon Tct Sub 2, Crocker Estate Co to whom it may concern.....May 27, 1924
June 5, 1924—LOT 6 BLK 6452, Crocker Amazon Tct Sub 2, Crocker Estate Co to whom it may concern.....May 27, 1924
June 5, 1924—E BOSWORTH 50 N Rousseau. Gus Lindberg to whom it may concern.....May 30, 1924
June 5, 1924—W SIXTEENTH AVE 153-11 N Clement W 120xN 25 Leonore Newhouse to John Harder .....June 5, 1924
June 5, 1924—W GRANT AVE 68-9 N Jackson N 68-9xW 137-6. Chin Lain to Monson Bros....May 27, 1924
June 5, 1924—SE MISSION 75 NE Gutenberg 25x85. Harry Kelly to A J Kronquist.....May 31, 1924
June 5, 1924—NW BRANNAN 150 NE Second NE 125xNW 160. Terminal Warehouse Co to Clinton Constr Co.....June 4, 1924
June 5, 1924—LOT 17 BLK 6441, Crocker Amazon Tct Sub S. Crocker Estate Co to whom it may concern.....May 27, 1924
June 5, 1924—LOT 6 BLK 6438, Crocker Amazon Tct Sub 2, Crocker Estate Co to whom it may concern.....May 27, 1924
June 5, 1924—LOT 2 BLK 22, Crocker Amazon Tct. —. Crocker Estate Co to whom it may concern..May 27, '24
June 5, 1924—LOT 5 BLK 6438, Crocker Amazon Tct Sub 2. Crocker Estate Co to whom it may concern.....May 27, 1924
June 5, 1924—LOT 25 BLK 22, Crocker Amazon Tct —. Crocker Estate
June 6, 1924—S LAWTON 95 W 18th Ave W 25xS 95; S Lawton 95 E 19th Ave E 25xS 95. R N Gibson to whom it may concern...June 5, 1924
June 6, 1924——E COLLINGWOOD 110 S 20th S 25xE 125 No. 321 Collingwood. Jos A and Maria Lewis to Lincoln U Grant....May 28, 1924
June 6, 1924—N CALIFORNIA 57-6 E Eighth Ave No. 4540 California St. Arthur Stevens to whom it may concern.....**June 7, 1924**
June 6, 1924——N GENEVA AVE 50.77 E Madrid 25x100. Carl E Wyman to whom it may concern..
.....June 6, 1924
June 6, 1924—W FOURTEENTH 86-4 E Buena Vista Terrace 28-9x101. R Watson to whom it may concern
.....June 5, 1924
June 6, 1924—W FORTY-FIFTH AVE 231 N Anza N 32xW 120. Nick Hemminga to whom it may concern...
..... June 5, 1924
June 6, 1924—E VICTORIA 525 N Garfield N 25xE 100 Lot 26 Blk 45, Liekview. Gustav Benson to whom it may concern.....
June 6, 1924——N FULTON 32.09 W Third Ave No. 2708 Fulton St John Wisnom to whom it may concern.....June 6, 1924
June 7, 1924—W OCTAVIA 50 N Francisco N 25xW 100. Jas Oppenheimer to Robert Miller.June 7, 1924
June 7, 1924—W BUCHANAN 28 N Washington. W R Voorhies to whom it may concern....June 7, 1924
June 7, 1924—LOTS 11 AND 13 BLK 30, Amended Map Ingleside Terraces. Gordon W and wife Linnie Morris to whom it may concern...
.....May 25, 1924
June 7, 1924—LOT 18 BLK 3107, Westwood Park. Hans and Esther E Nelson to whom it may concern
.....June 5, 1924
June 7, 1924—SW BEACH AND Grant Ave W 275xS 137-6. Otis Elevator Co to J W Bender Roofing & Paving Co.....June 3, 1924
June 7, 1924—NW MISSION 401.52 NE Valencia 25.96x113.52. Cornelia and Adolph Morse to Christensen Bros.....June 2, 1924
June 7, 1924—N JOOST AVE 100 E Foerster 25x100. Henry Horn to A J Klonquist.....May 1, 1924
June 7, 1924—N EIGHTEENTH 410 W Church W 50 N 228 E 48 m or l to S Dorland dist 101.1 from E Sanchez E alg Dorland 59-0½ S and parl Sanchez dist 139-4½ W 12-8 S 132 to beg. J Peloprat to F Moller and R Deluca.....June 4, 1924
June 9, 1924—S HARRINGTON 375 & 350 W Mission 25x100 each. Jos Novello to whom it may concern....
.....June 9, 1924
June 9, 1924—LOT 18 BLK 7, St. Francis Wood Extn No. 1; Ptn Lot 17 Blk 7, St. Francis Dood Extn No. 1; Ptn Lot 19 Blk 7, St. Francis Wood Extn No. 1. Westgate Park Co to Henry F Papenhausen.....
.....June 5, 1924
June 9, 1924—SW SEVENTH SE Bryant SE 50 x SW 80 SE Bryant 80 SW 7th SW 27-6 x SE 90-7. Victor F. Hoelscher and Daniel Rosenblum to Buschke & Brown and S. Eugbee. ..... June 3, 1924
June 9, 1924—N HILL 127 W Church W 25-5½ x 114. Jas. H. Collins Condon to whom it may concern..
..... June 9, 1924
June 9, 1924—N FULTON 107-6 W 21st Ave. Charles W. Johnson and Hjalmar Anderson to Johnson and Anderson ..... June 7, 1924
June 9, 1924—W POLK 130 N Lombard N 30 x W 100. Wm. Helbing to The Helbing Co. ....June 7, 1924
June 9, 1924—PTN. LOTS 20 AND 21, Blk. 22, St. Francis Wood Extension No. 2. Chas. W. and Marguerite G. Smith to Mangels Bros...
..... May 23, 1924
June 9, 1924—N ANZA 100 E 43RD Ave. E 25 x 100. H. B. Murphy to James Arnott & Son ....June 9, 1924
June 10, 1924—W THIRTY-FOURTH Ave 275 N Balboa. Hans Nielsen to Thomas E Mohler.....June 9, 1924
June 10, 1924—W THIRTY-FOURTH Ave 200 and 225 N Balboa. I B Arkwright and Jas H Conner to Thos E Mohler.....June 9, 1924
June 10, 1924—S BALBOA 95 W 18th Ave. David G Robinson and W H Johnston (as Robinson & Johnson) to whom it may concern
.....June 9, 1924
June 10, 1924—W THIRTY-FOURTH Ave 300 and 325 N Balboa. Thomas E Moller to whom it may concern...
.....June 9, 1924

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June 10, 1924—LOT 4 BLK 5 being 217-9 E of Leese. Mary E Mackie to Ben Heglin.....June 10, 1924
June 10, 1924—S ARMY 213-4 E Noe E 26-8xS 114. Margaret Grant to A A Merrifield.....June 9, 1924
June 10, 1924—LOT 10, BLK. 20, Sunnyside. Sunset Building & Realty Co. to whom it may concern.... ..... May 16, 1924
June 10, 1924 — E HOWARD 250 S 24th 25 x 122-6. O. E. and Emma Hinman to Isaacson & Nylan.... ..... June 10, 1924
June 10, 1924—LOT 17, BLK. B, Mission Terrace. Walter E. Hansen to whom it may concern.June 6, 1924
June 10, 1924—W FIFTH 30 N HOWard N 25 x W 75. Emma A. Zelin to Arthur Elvin.....June 7, 1924
June 10, 1924—W FILLMORE 38-8 S Jackson S 31-7½ x W 105. Joseph Sockolov to whom it may concern ..... June 10, 1924
June 10, 1924—N CLEMENT 32-6 W 22nd Ave. David Gibb to Charles N. Johnson and Hjalmar Anderson ..... June 8, 1924
June 10, 1924 — W FORTY-THIRD Ave. 250 N Irving N 25 x W 120. Sol Getz & Sons, Inc, to whom it may concern ..... June 9, 1924
June 11, 1924—S BUSH 127-6 E Steiner E 27-6x137-6. F Byron Chenowith to whom it may concern.....June 10, 1924
June 11, 1924—S BALBOA 68 W Twenty-fifth Ave 26x78; S Balboa 94 W 25th Ave 26x78 to W 10 ft. rung at right angles S back to depth of 104. O C Holt to whom it may concern.....June 10, 1924
June 11, 1924—W TWENTIETH AVE 150 N Taraval 25x120. Jas L Holland to whom it may concern... .....June 11, 1924
June 11, 1924—E TWENTY-FIFTH Ave 75 S Cabrillo S 25xE 95. John Trainor to Michael and Lawrence Costello.....June 6, 1924
June 11, 1924—S PINE 42 W Polk 25-4x73-6. E V Lacey to Wm Van Herick.....June 11, 1924
June 11, 1924—NW FOURTEENTH and Trainor N 83.604 —. Thos McKenna to whom it may concern... .....June 10, 1924
June 11, 1924—LOT 23 BLK 2975, Claremont Court. Rita L and Robt D Tobin to McCauley & Weber... .....June 10, 1924
June 11, 1924—W FAIR OAKS 210 N 26th N 50xW 125. A L Arata to Bowers & Donohue.....June 7, 1924
June 11, 1924—SW LOWELL 126-6 NW Brunswick 26-6x100. N E Lutz or Nelson E Lutz to whom it may concern.....June 11, 1924
June 11, 1924—S FIFTEENTH 150 E Noe E 25xS 125. Hans and Mary Lorenzen to whom it may concern .....June 9, 1924
June 11, 1924—NE SHAFTER AVE 200 SE Keith SE 25xNE 100. Joseph A Prosek to whom it may concern.....June 9, 1924
June 11, 1924—N ARMY 121 E Church P Ward Brown to August Hallgren .....June 9, 1924
June 11, 1924—SW CHESTNUT AND Larkin S 92-6xW 137-6. Willard L and Emma Growall to Lange & Bergstrom, Inc.....June 10, 1924
June 11, 1924—SE TWENTY-EIGHTH and Dolores. Ward C Brown to whom it may concern...June 9, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

June 4, 1924—E THIRTIETH AVE 125 N Taraval N 25xE 120. McCauley & Weber vs Alfred E and Theresia Naumann.. .....$1173.90
June 9, 1924—NW SACRAMENTO & Joice W 56xN 57-6. D J Dolan vs Bay Constr Co and Ellen Ryan... .....$2571.45
June 9, 1924—LOT 28 BLK 1664; No. 700 Second Ave. L Lenchner vs Louise D Haggett.....$46.75
June 5, 1924—NO. 2243 STEINER, bet. Clay and Sacramento. Shaw & Co vs Leo N Quayle and Mrs. Leo N Quayle $211
June 20, 1924—NE BOSWORTH AND Chilton Ave. The Greater City Lumber Co. vs. C. Bricker and R. A. Douglas $25.00

RELEASE OF LIENS

SAN FRANCISCO COUNTY

June 2, 1924—W FORTY-SECOND Ave 100 S Geary S 25xW 120 No. 519 Forty-second Ave. Scott Co to Albert G Bennett .....
June 4, 1924—N MISSION 140 W 9th W 50 N 125 E 125. Michel & Pfeffer to Western Plumbing Supply Co and Jas Hjul.....$257

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
3012	Cassaretto	Owner	8000
3013	Nash	Pond	11750
3014	Dolan	Owner	5900
3015	Dixon	Yerrick	15000
3016	Frederickson	Owner	4200
3017	Reeves	Owner	1300
3018	Simon	Speck	2500
3019	Woodburn	Owner	5500
3020	Reeves	Owner	1950
3021	Lockwood	Rich	60208
3022	Fagliano	Helins	6500
3023	Leonard	Owner	4000
3024	Thornally	Owner	10000
3025	Schmidt	Owner	4400
3026	Stolte	Owner	3250
3027	Smith	Owner	2500
3028	Wharton	Owner	4500
3029	Werth	Owner	3500
3030	Mills	Nordstrom	6700
3031	Cianciarulo	Perona	10000
3032	Bonne	Gambert	2000
3033	White	Butzhack	6500
3034	Gross	McCord	6038
3035	Hebrank	Herrick	14800
3036	Osborn	Atkinson	12142
3037	Kitto	Hesti	3850
3039	M E Church	Lawton	167000
3040	Pederson	, Stolte	1250
3041	Rice	Owner	3000
3042	Schriber	Schriber	5000
3043	Brown	Owner	3000
3044	Doyle	Conrad	4500
3045	Bruce	Potter	4000
3046	Gray	Malmstrom	16000
3047	Cottam	Bramlage	5350
3048	Brown	Owner	3000
3049	Easton	Marshall	7300
3050	Smith	Henderson	4950
3051	Brink	Stewart	7000
3052	Easter	Easter	1500
3053	Lipingston	Morse	4100
3054	Latour	Owner	2600
3055	Israel	Owner	15000
3056	Dover	Owner	1500
3057	Langtry	Langtry	4000
3058	Moffett	Beattey	2865
3059	Wolfe	Ravera	2800
3060	Murray	Scott	4600
3061	Almassy	Elsea	5500
3062	Dolan	Saunders	30000
3063	Johnson	Knight	19000
3064	So. Pac.	Hutchinson	—
3065	Fagliano	Helms	4400
3066	Fagliano	Helms	2673
3067	Campagna	Tassarino	1000
3068	Rogers	Owner	4500
3069	Sparrow	Rogers	4500
3070	Clauder	White	1400
3071	Blodgett	Owner	44000
3072	Coffey	Lyon	6500
3073	Stenbro	Owner	3000
3074	Sanches	Dutra	3600
3075	Pryor	Adamski	2600
3076	Le Crampe	Meyer	5350
3077	Tolbett	Stewart	1000
3078	Kick	Owner	2500
3079	Johnson	Dildine	19250
3080	Benbow	Griffin	3630
3081	Marquis	Owner	6000
3082	Marquis	Owner	3000
3083	Gross	McCord	3000
3084	Gross	McCord	3000
3085	Fauwe	Williamson	5000
3086	Clorox	Owner	25000
3087	MacLean	Owner	3500
3088	Westerholm	Owner	5500
3089	Williams	Wilson	2000
3090	Robinson	Owner	1600
3091	Crescent Inv.	Lyon	5200
3092	Anderson	Owner	6000
3093	Kelly	Owner	3500
3094	Mawdsley	Smith	12000
3095	Thompson	Owner	6000
3096	Marquis	Owner	6000
3097	Lynch	Van Ness	5500
3098	Matthews	Matthews	2500
3099	Edwards	Shields	2000
3100	Bunker	Bunker	4000
3101	Kleinenbroich	Owner	10000
3102	Kohlman	Owner	2500
3103	Cebollers	Andersen	6000
3104	Murphey	Murphey	3000
3105	Werling	Oakley	3850
3106	Stabler	Morrison	7000
3107	Leith	Holmes	3700
3108	Lea	Hamilton	12000
3109	Garfinkle	Sandusky	2500
3110	Lindeland	Hamilton	12000
3111	Thous. Oaks	Conner	27325
3112	Whittaker	Knight	17700
3113	Johnson	Knight	22000
3114	Mattern	Sorensen	11818
3115	Buteau	Cahill	21270
3116	Norgrove	Owner	3500
3117	Sittman	Owner	2500
3118	Macapho	Johansen	1500
3119	Fair	Stockholm	8000
3120	Bd Educ.	Hannah	184461
3121	Jackson	Dolan	5850
3124	Castle	Owner	1500
3125	Patterson	Owner	3500
3126	Lodge	Owner	3375
3127	Bussian	Owner	2900
3128	Richardson	Owner	4000
3129	Solari	Campomenosi	4000
3130	Solari	Campomenosi	3000
3131	Nelson	Owner	3000
3132	Hollidge	Owner	4000
3133	Thorpe	Owner	3000
3134	Jones	Owner	2000
3135	Russel	Owner	3150
3136	Siemsen	Visser	5000
3137	McNaughton	Moore	1800
3138	Temple Sini	Owner	7000
3139	Morrow	McDonald	2700
3140	Vargas	Marshall	18000

DWELLING
(3012) 330 EL CENTRO, Piedmont. 2-story 8-room dwelling an dgarage.
Owner—F. L. Cassaretto.
Architect—None.
Contractor—F. L. Casseretto. $8000

DWELLINGS
(3013) 45 49 LAKE AVE., Piedmont. 2 1-story 5-room dwellings and garages.
Owner—H. L. Nash, 3631 Market St., Oakland.
Architect—None.
Contractor—C. P. Pond, 6664 E-14th St. Oakland. $5500 and $6250

DWELLING
(3014) 358 MAGNOLIA AVE., Piedmont. 1-story 6-room dwelling and garage.
Owner—Leo J. Dolan, Syndicate Bldg., Oakland.
Architect—None.
Contractor — Leo J. Dolan, Syndicate Bldg., Oakland. $5900

DWELLING
(3015) 201 WILDWOOD AVE., Piedmont. 2-story 8-room dwelling and garage.
Owner—O. Dixon, 1512 7th, Oakland.
Architect—None.
Contractor—A. J. Yerrick, 5255 College Ave., Oakland. $15,000

DWELLING & GARAGE
(3016) 3926 ARDLEY ST., Oakland. 1-story 5-room dwelling and gar.
Owner—Karl S. Fredrickson, 106 Bonita Ave., Piedmont.
Architect—None. $4200

DWELLINGS (2)
(3017) E BARTLETT ST 85-115 N Davis St., Oakland. Two 1-story 2-room dwellings.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $650 ea.

DWELLING
(3018) W CHURCH ST 135 N Arthur St., Oakland. 1-story 4-room dwelling.
Owner—H. J. Simon, 981 92nd Ave., Oakland.
Architect—None.
Contractor—F. A. Speck, 973 92nd Ave., Oakland. $2500

DWELLING & GARAGE
(3019) 1130 CLARENDON CRESCENT, Oakland. 1-story 7-room dwelling and garage.
Owner—P. E. Woodburn, 624 Prospect Ave., Oakland.
Architect—None. $5500

DWELLINGS (3)
(3020) N DAVIS ST 32-62-93 E Bartlett, Oakland. Three 1-story 2-rm. dwellings.
Owner—R. E. Reeves, 1505 37th Ave., Oakland.
Architect—None. $650 ea.

APARTMENTS
(3021) 473 ELLITA AVE., Oakland. 3-story 43-room apartments.
Owner—F. C. & C. S. Lockwood, 438 Perkins, Oakland.
Architect—Leonard H. Ford, 306 14th St., Oakland.
Contractor—James L. Rich, 743 Hillgrit Circle, Oakland. $60208

DWELLINGS (2)
(3022) N 40TH ST 190 E MARKET St., (rear). 1-story 4-room dwelling and 1-story 5-room dwelling.
Owner—B. Fagliano; 34th St., Oakland.
Architect—None.
Contractor—W. C. Helms, 341 Alcatraz Ave., Oakland. $2500 and $4000

DWELLING
(3023) W HIGH ST 400 S BAYO AV., Oakland. 1-story 6-room dwelling.
Owner—H. W. Leonard, 3769 High St., Oakland.
Architect—None. $4000

DWELLING
(3024) N HUBERT RD 180 E CARLson, Oakland. 2-story 7-room dwelling.
Owner—W. G. Thornally, 357 12th St., Oakland.
Architect—None. $10000

DWELLING
(3025) N KEITH AVE 25 W BROADway, Oakland. 1-story 5-room dwelling.
Owner—J. J. Schmidt, 1175 30th St., Oakland.
Architect—None. $4400

DWELLING
(3026) W LAUREL AVE 90 S SYLvan, Oakland. 1-story 4-room dwelling.
Owner—F. C. Stolte, 3455 Laguna Ave., Oakland.
Architect—None. $3250

DWELLING
(3027) S LEO WAY 180 W DUNCAN Way, Oakland. 1-story 4-room dwelling.
Owner—F. A. Smith, 1116 16th Street, Oakland.
Architect—None. $2500

DWELLING
(3028) S LERIDA AVE 441 W CARLston, Oakland. 1-story 5-room dwelling.
Owner—E. L. Wharton, 116 Greenbank Ave., Piedmont.
Architect—None. $4500

DWELLING
(3029) E LYMAN RD 300 N FRUITvale Ave., Oakland. 1-story 5-rm. dwelling.
Owner—E. Werth, Jr., 3884 Lyman Rd, Oakland.
Architect—None. $3500

ALTERATION & ADDITION
(3030) MILLS COLLEGE CAMPUS, Oakland. Alteration and addition.
Owner—Mills College, Oakland.
Architect—W. H. Hatcliff.
Contractor — David Nordstrom, 4146 Emerald St., Oakland. $6700

BRICK STORES
(3031) E PARK BLVD 225 E EXCELsior Ave., Oakland. 1-story brick stores.
Owner—M. Cianciarulo, 314 Sheridan Ave., Piedmont.
Architect—None.
Contractor—John Perona, Builders Exchange, Oakland. $10,000

ALTERATIONS
(3032) SE COR STANFORD AVE & Marshall St., Oakland. Alterations.
Owner—S. Bonne, 5823 San Pablo Av., Oakland.
Architect—None.
Contractor—N. Gaubert, 4735 Brookdale Ave., Oakland. $2000

FLATS & GARAGE
(3033) N 38TH ST 200 E LINDEN ST., Oakland. 2-story flats and garage.
Owner—Elizabeth White, Tracy, California.
Architect—None.
Contractor—G. N. Butzback & Son, 8030 E-14th St., Oakland. $6500

RESIDENCE
(3034) SE COR. ALCATRAZ AVE. and Herzog St., Oakland. General contract for two 1-story 4-room residences.
Owner—E. C. & M. M. Gross, Oakland.
Architect—None.
Contractor — J. A. McCord, 390 49th, Oakland.
Filed June 5, 1924. Dated June 2, 1924.
Frame work up $1500
Plastered 1500
House completed 1500
Usual 35 days 1538
TOTAL COST, $6038.00
Bond, sureties, none. Forfeit, $2.50 per day. Limit, 65 days. Plans and specifications filed.

STEEL WORK
(3035) W SIDE OF BROADWAY, 128 to 250 S of Mosswood Park. Structural steel work on 1-story auto sales and service bldg.
Owner — Hebrank Hunter & Peacock Co., 3020 Broadway, Oakland.
Architect—Wythe Blaine & Olson, 1200 Telegraph Ave., Oakland.
Contractor—Herrick Iron Works, 18th and Campbell Sts., Oakland.
Filed June 4, 1924. Dated June 3, 1924. 1st and 15th of each month, 75% of amount of work done. Balance 35 days after completion.
TOTAL COST, $14,800.
Bond, sureties, none. Forfeit, $20 per day. Limit, 45 days. Plans and specifications filed.

RESIDENCE
(3036) LOT 7, BLK. 2, Amended Map of Thousand Oaks, Berkeley. General contract for 2-story and basement frame residence.
Owner—R. W. Osborn, Berkeley.
Architect — S. B. Newson and Noble Newson, 1876 Yosemite, Oakland.
Contractor—E. L. Atkinson, 2735 Grove Berkeley.
Filed June 4, 1924. Dated May 2, 1924.
Grading completed .....$ 536
2nd floor joists in 1000
Frame up 1000
1st coat plaster 2606
Plastering completed 500
All mill work is placed 1000
Completed 2464
Usual 35 days 3036
TOTAL COST, $12,142.
Bond, sureties, none. Forfeit, $5 per day. Limit, 100 days. Plans and specifications filed.

DWELLING
(3037) LOT 23, BLK. C, BRYANT Tract. General contract for 1-story dwelling.
Owner—William J. Kilto, Berkeley.
Architect—None.
Contractor — D. Kesti, 2131 Curtis, Berkeley.
Filed June 4, 1924. Dated June 2, 1924.
Ready for plaster $1600
Ready for painting 1400
Completed 500
30 days after acceptance is filed 450
TOTAL COST, $3950.
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.

DWELLING
(3038) 2342 BONAR ST., Berkeley. Dwelling.
Owner—Annie Gutzue, 2110½ Ashly St., Berkeley.
Architect—None.
Contractor—H. J. Flalow, 2110½ Ashly St., Berkeley. $——

CHURCH
(3039) 2516 DURANT AVE., Berkeley. Church.
Owner—Board of Trustees Methodist Church, Durant and Telegraph, Berkeley.
Architect—J. W. Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—Lawton & Vazey, 357 12th St., Oakland. $167,000

ADDITION
(3040) 123 HILLCREST, Berkeley. Addition.
Owner—Mrs. Pederson, 125 Hillcrest, Berkeley.
Architect—None.
Contractor—T. Stolte, 3455 Laguna Ave Berkeley. $1250

DWELLING
(3041) 1405 HOPKINS, Berkeley. Dwelling.
Owner—Geo. Rice, 1517 Hopkins, Berkeley.
Architect—L. T. Brewer, 1619 Grove, Berkeley.
Contractor—Geo. Rice, 1517 Hopkins Berkeley. $3000

DWELLING
(3042) 1828 HOPKINS St., Berkeley. Dwelling.
Owner—C. D. Schriber, 2720 Grove St., Berkeley.
Architect—Dixon & Hillon 1844 5th Ave Oakland.
Contractor—N. C. Schriber, 2720 Grove St., Berkeley. $5000

RESIDENCE
(3043) 2746 McGEE AVE., Berkeley. Residence.
Owner—C. F. Brown, 1707 Broadway, Oakland.
Architect—None.
Contractor—C. F. Brown, 1707 Broadway, Oakland. $3000

DWELLING
(3044) 74 OAK RIDGE RD., Berkeley. Dwelling.
Owner—V. H. Doyle, 2324 Fulton Ave., Berkeley.
Architect—E. W. Maybury, Pasadena.
Contractor—Allen & Conrad, 357 12th St., Oakland. $4500

DWELLING
(3045) 1229 OXFORD, Berkeley. Dwelling.
Owner—M. B. Bruce, 1909 Grove St., Berkeley.
Architect—None.
Contractor—A. W. Potter, 4025 Agua Vista St., Oakland. $4000

DWELLINGS (2)
(3046) ROSE STEPS, Berkeley. Two dwellings.
Owner—Dr. Frank Gray, Euclid Ave., Berkeley.
Architect—H. H. Gutterson, 526 Powell St., San Francisco.
Contractor—J. B. Malmstrom, 2326 27th Ave., Oakland. $8000 ea.

DWELLING
(3047) 568 SAN LUIS RD., Berkeley. Dwelling.
Owner—E. A. Cottam, Berkeley.
Architect—None.
Contractor—E. Bramlage, 649 Arlington Ave., Berkeley. $5350

DWELLING
(3048) 1648 WARD ST., Berkeley. Dwelling.
Owner—C. F. Brown, 1707 Broadway.
Architect—None. $3000

DWELLING
(3049) S ALMA AVE., 383 W EXcelsior Ave., Oakland. 2-story 7-room dwelling.
Owner—L. E. Baston, 3229 Broadway, Oakland.
Architect—None.
Contractor—Alex. F. Marshall Co., 1424 Franklin St., Oakland. $7300

DWELLING & GARAGE
(3050) 807 BROOKWOOD RD. 1-story 5-room dwelling and garage.
Owner—Dow D. Smith, Oakland.
Architect—None.
Contractor—E. Henderson, 5744 Keith Ave., Oakland. $4950

DWELLING
(3051) S CONTRA COSTA RD., LOT No. 16, Oakland. 2-story 7-room dwelling.
Owner—Guy L. Brink, 47th & Shafter Aves., Oakland.
Architect—None.
Contractor—B. A. Stewart, 102 Magnolia Ave., Piedmont. $7000

DWELLING
(3052) E DUNCAN WAY, 160 S LEO Way, Oakland. 1-story 4-room dwelling.
Owner—R. F. Easter, 5765 Los Angeles, Oakland.
Architect—None.
Contractor—H. H. Easter, 5765 Los Angeles, Oakland. $1500

DWELING & GARAGE
(3053) S FLEMING AVE., 500 W 55TH Ave., Oakland. 1-story 5-room dwelling and garage.
Owner—Ivan Livingston, 1501 Larkin St., San Francisco.
Architect—None.
Contractor—Morse & Morrison, 308 12th St., Oakland. $4100

ADDITION
(3054) 7877 HILLSIDE ST., Oakland. 1-story addition.
Owner—J. B. Latour, 7877 Hillside St., Oakland.
Architect—None. $2600

APARTMENT & STORE
(3055) NE COR PARK BLVD & EAST 34th St., Oakland. 2-story 17-rm. apartment and store.
Owner—Sam I. Israel, premises.
Designer—R. C. Sisson, 322 Tapscott Bldg., Oakland. $15000

DWELLING
(3056) N REDDING ST., 100 E KINGSland Ave., Oakland. 1-story 4-rm. dwelling.
Owner—Geo. Dover, 4734 Redding St., Oakland.
Architect—None. $1500

GARAGE
(3057) N 7TH ST., 35 E JACKSON ST, Oakland. 1-story brick and tile garage.
Owner—Walter Langtry, 177 8th St., Oakland.
Architect—None.
Contractor—Richard Langtry, 177 8th St., Oakland. $4000

DWELLING & GARAGE
(3058) 2662 68TH AVE., Oakland. 1-story 4-room dwelling and garage.
Owner—P. & J. Moffett, 1929 Filbert St., Oakland.
Architect—None.
Contractor—W. J. Beattey, 1778 7th St., Oakland. $2865

DWELLING
(3059) 1166 62ND ST., OAKLAND. 1-story 4-room dwelling.
Owner—Wm. Wolfe, 1216 62nd Street, Oakland.
Architect—None.
Contractor—M. Ravera, 128 13th St., Oakland. $2800

ALTERATIONS
(3060) 1413 3RD AVE., Oakland. Alterations.
Owner—J. E. Murray, Everett & Clement Sts., Alameda.
Architect—None.
Contractor—G. A. Scott, 685 23rd St., Oakland. $4600

DWELLING
(3061) N TIFFAN RD., 200 W LINcoln Ave., Oakland.
Owner—R. F. Almassy, 3515 Fruitvale Ave., Oakland.
Architect—None.
Contractor—A. J. Elsea, 4033 Lincoln Ave., Oakland. $5500

GARAGE
(3062) NE COR 22ND AVE & EAST 12th St., Oakland. 1-story brick garage.
Owner—P. A. Dolan, 22nd Ave and E. 12th St., Oakland.
Architect—None.
Contractor—Saunders & Son, 575 62nd St., Oakland. $30,000

APARTMENT & GARAGE
(3063) W WARFIELD AVE., 200 N Mandana Blvd., Oakland. 2-story 16-room apartment and garage.
Owner—H. Johnson, 1426 Franklin St. Oakland.
Architect—None.
Contractor—Harry C. Knight, 1426 Franklin St., Oakland. $19,000

DWELLING & STORE
SW COR. 55TH AVE. & BOND ST., Oakland. 2-story 8-room dwelling and store.
Owner—V. Laurencik, 1635 Franklin St., Oakland.
Architect—None.
Contractor—California Builders, 1636 Franklin St., Oakland. $9000
NOTE—Recorded contract reported June 5, 1924. No. 3011.

DWELLING
1944 YOSEMITE, Berkeley. Dwelling.
Owner—R. W. Osborne, 735 Alameda, Berkeley.
Architect—Newsom Bros.
Contractor—E. L. Atkinson, 2735 Grove St., Berkeley. $12,000
NOTE—Recorded contract reported June 6, 1924. No. 3036.

DWELLING
2139 CURTIS ST., Berkeley. Dwelling.
Owner—W. Kitta, 3716 Lienten St., Berkeley.
Architect—None.
Contractor—David Kesti, 1209 Channing Way, Berkeley. $2950
NOTE—Recorded contract reported June 6, 1924. No. 3037.

GRADING
(3064) FIFTH ST. CROSSING, Poplar and Cypress Sts., Oakland. All work for grading.
Owner—Southern Pacific Co., 65 Market St., S. F.
Architect—None.
Contractor—Hutchinson Co., Hutchinson Bldg., Oakland.
Filed June 5, 1924. Dated May 23, 1924.
TOTAL COST—1.80 c per cubic yd.
Bond, filed. Sureties, Globe Indemnity Co. Forfeit, none. Limit, 30 days. Plans and specifications filed.

BUNGALOW
(3065) LOT 15, BLK. 36, MAP OF ESTATE of John Evoy. General contract for 5-room bungalow.
Owner—Battisto Fagliano, 1215 42nd St., Oakland.
Architect—None.
Contractor—William Casper Helms, 341 Alcatraz Ave., Oakland.
Filed June 5, 1924. Dated June —, 1924.
Frame up $1100
Plastered 1100
Completed 1100
Usual 35 days 1100
TOTAL COST, $4400
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.
NOTE—Permit reported June 6, 1924 No. 3022.

BUNGALOW
(3066) LOT 35 BLK. 36, MAP OF ESTATE of John Evoy. General contract for 4-room bungalow.
Owner—Battisto Fagliano, 1215 24th St., Oakland.
Architect—None.
Contractor—William Casper Helms, 341 Alcatraz Ave., Oakland.
Filed June 5, 1924. Dateed June 4, 1924.
Frame up $665
Brown plastered 665
Completed 665
Usual 35 days 673
TOTAL COST, $2668
Bond, forfeit, sureties, none. Limit, 60 days. Specifications not filed. Plans filed.
NOTE—Permit reported June 6, 1924, No. 3022.

BUILDING
(3067) 948 CHANNING, Berkeley. 1-story building.
Owner—Ygnacio Campagna, Berkeley.
Architect—None.
Contractor—John Tassarino, 5518 San Pablo Ave., Berkeley. $4000

DWELLING
(3068) 2126 LOS ANGELES AVE., Berkeley. Dwelling.
Owner—C. M. Rogers, 540 San Luis Rd., Berkeley.
Architect—None.
Contractor—C. M. Rogers, 540 San Luis Dd., Berkeley. $4500

DWELLING
(3069) 1809 SAN RAMON, Berkeley. Dwelling.
Owner—T. L. Sparrow, 1809 San Ramon Berkeley.
Architect—None.
Contractor—C. M. Rogers, 540 San Luis Rd., Berkeley. $4500

ALT. & REPAIRS
(3070) 2223 UNION ST., Berkeley. Alterations and repairs.
Owner—Thomas Clauder, 2233 Union St Berkeley.
Architect—None.
Contractor—J. J. White, 1631 Edith St., Berkeley. $1400

DWELLING
(3071) S ALMA AVE. 175 W Cottage St., Oakland. 1-story 5-room dwlg.
Owner—Blodgett & Moffatt, 3940 East 14th St., Oakland.
Architect—None.
Contractor—N. A. Blodgett, 3940 East 14th St., Oakland. $4000

DWELLINGS
(3072) NW COR. ELEVENTH AVE. & E-23rd St., Oakland.
N ELEVENTH AVE. 100 N E-23rd St., Oakland. Two 1-story 5-room dwellings.
Owner—Jim Coffely.
Architect—None.
Contractor—O. F. Lyon, 520 San Fernando Ave., Berkeley. $3250 each

DWELLING
(3073) E FIFTY-FIFTH AVE. 65 S Roberts Ave., Oakland. 1-story 5-room dwelling.
Owner—A. Stenbro, 4340 Division St., Oakland.
Architect—None. $3000

ALTER & ADDITION
(3074) 2102 EAST FOURTEENTH ST., Oakland. Alterations and additions tions.
Owner—Santos Sanches, 2102 East 14th St., Oakland.
Architect—None.
Contractor—A. V. Dutra, 4634 Walnut Ave., Oakland. $3600

DWELLING
(3075) S MONTANA ST. 550 E Laurel Ave., Oakland. 1-story 5-room dwlg
Owner—R. J. & A. Pryor, 3281 Montana St., Oakland.
Architect—None.
Contractor — A. Adamski, 3053 Delaware St., Oakland. $2600

DWELLING
(3076) 3053 PLEITNER AVE., Oakland. 1-story 6-room dwelling.
Owner—Leon LeCrampe, 1027 7th St., Oakland.
Architect—None.
Contractor—Harry Meyer, 3216 Brookdale Ave., Oakland. $5350

STORE
(3077) NE COR. SEMINARY AVE & Seminary Pl., Oakland. 1-story store.
Owner—Mrs. M. A. Tolbett, 528 31st St., Oakland.
Architect—None. $1000

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY
(THE SAN FRANCISCO BANK)
SAVINGS COMMERCIAL
INCORPORATED FEBRUARY 10th, 1868.
One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.
Member Associated Savings Banks of San Francisco
526 California Street, San Francisco, Cal.
DECEMBER 31st, 1923
Assets $89,174,468.57
Capital, Reserve and Contingent Funds 3,850,000.00
Employees' Pension Fund 430,275.37
MISSION BRANCH ..... Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH ..... Clement St. and 7th Ave.
HAIGHT STREET BRANCH ..... Haight and Belvedere Streets
WEST PORTAL BRANCH ..... West Portal Ave. and Ulloa St.
Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

DWELLING
(3078) 1825 SIXXTY-FOURTH AVE., Oakland. 1-story 4-room dwelling.
Owner—Paul L. Kick, 2325 Humboldt Avenue, Oakland.
Architect—None. $2500

STORE & APTS.
(3079) N SIDE FOOTHILL BLVD. bet. 34th Ave. and Peralta Ave., Oakland. General contract for one store and 5 apartments.
Owner—L. P. Johnson and Ethel M. Johnson, 3320 Foothill Blvd., Oakland.
Architect — F. A. Ernsberger, 2449 Dwight Way, Berkeley.
Contractor—N. Dildine & R. M. Knight, 378 63rd St., Oakland.
Filed June 7, 1924. Dated June 4, 1924.
2nd story joists up $4812.50
1st coat plaster 4812.50
Completed and accepted 4812.50
Usual 35 days 4812.50
TOTAL COST, $19,250
Bond, Forfeit, none; Limit, 90 days; Plans and specifications filed.

COTTAGE
(3080) ON SAN JOSE ROAD BETW. the Newark Road and land owned by Lawrence Millard. General contract for 1-story frame cottage of 5 rooms.
Owner—Raymond B. Benbow, Irvington, Cal.
Architect—None.
Contractor—R. A. Griffin, Irvington.
Filed June 7, 1924. Dated May 31, 1924.
Rough frame up $907.50
Ready for plaster 907.50
Completed and accepted 907.50
Usual 35 days 907.50
TOTAL COST, $3630
Bond, Forfeit, none; Limit, 90 working days; Plans and specifications filed.

DWELLINGS (2)
(3081) 1359-1366 MIRAMONTE ST., Berkeley. Two dwellings.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None.
Contractor—P. E. Marquis, 2045 Shattuck Ave., Berkeley. $3000 ea.

DWELLING
(3082) 1329 CARLOTTA, Berkeley. Dwelling.
Owner—P. E. Marquis, 2045 Shattuck Ave., Berkeley.
Architect—None. $3000

DWELLING & GARAGE
(3083) SE COR. ALCATRAZ & HERzog St., Oakland. 1-story dwelling and garage.
Owner—E. C. Gross, Alcatraz and Herzog St., Oakland.
Architect—None.
Contractor—J. A. McCord, 3452 Davis St., Oakland. $3000

DWELLING & GARAGE
(3084) S ALCATRAZ AVE., 54 E HERzog St., Oakland. 1-story 4-room dwelling and garage.
Owner—E. C. Gross, Alcatraz and Herzog, Oakland.
Architect—None.
Contractor—J. A. McCord, 3452 Davis St., Oakland. $3000

DWELLING
(3085) N EXCELSIOR AVE., 135 W 13th Ave., Oakland. 1-story 7-rm. dwelling.
Owner—Walter Fawke, San Francisco, Calif.
Architect—None.
Contractor—J. C. Williamson, 3268 Lynde St., Oakland. $5000

WAREHOUSE
(3086) SE COR. 42ND AVE. & WATtling St., Oakland. 2-story conc. warehouse.
Owner—Clorox Chemical Co., 850 42nd Ave., Oakland.
Architect—None. $25000

DWELLING
(3087) E 14TH AVE., 240 N EAST 38th St., Oakland. 1-story 6-rm. dwelling.
Owner—D. MacLean, 1744 13th Ave., Oakland.
Architect—None. $3500

DWELLING
(3088) E KENWYN RD., 255 N Cleveland Ave., Oakland. 2-story 6-room dwelling.
Owner—K. F. & Anna V. Westerholm, 570 27th St., Oakland.
Architect—None. $5500

ALTERATIONS & ADDITION
(3089) 2240 LINDEN ST., Oakland. Alterations and addition.
Owner—C. L. Williams, 2240 Linden St., Oakland.
Architect—None.
Contractor—C. D. Wilson, 2215 Mitchell St., Oakland. $2000

ADDITION
(3090) 3978 LYMAN RD., Oakland. Addition.
Owner—W. L. Robinson, 3978 Lyman Road, Oakland.
Architect—None. $1000

DWELLING
(3091) 6500 OUTLOOK AVE., Oakland. 1-story 6-room dwelling.
Owner—Crescent Investment Co., 3125 64th Ave. Place, Oakland.
Architect—None.
Contractor—Chas. D. Lyon, 3425 66th Ave., Oakland. $5200

DWELLINGS (2)
(3092) E 74TH AVE., 300-330 N E-14th St., Oakland. Two 1-story 5-room dwellings.
Owner—Anderson & McCoy, 2248 62nd Ave., Oakland.
Architect—None. $3000 ea.

DWELLING
(3093) N STEARNS AVE., 150 W Jones Ave., Oakland. 2-story 5-rm. dwelling.
Owner—J. C. Kelly, 2817 Atwell Ave., Oakland.
Architect—None. $3500

APARTMENTS
(3094) S STOW AVE. 160 W Newton Ave., Oakland. 2-story 16-room apartments.
Owner—L. Mawdsley, 558 Apgar St., Oakland.
Architect—None.
Contractor—Smith Building Co., 308-09 First National Bank Bldg., Oakland $12,000

DWELLINGS
(3095) 3032 AND 3038 22ND AVE., Oakland. Two 1-story 5-room dwellings
Owner—E. L. Thompson, 545 17th St., Oakland.
Architect—None. $3000 each

DWELLINGS
(3096) 1536 AND 1424 ADA ST., Berkeley. Two dwellings.
Owner—P. E. Marquis, 2045 Shattuck Berkeley.
Architect—None. $3000 each.

DWELLING
(3097) E BOWLES PLACE 200 S Indian Rd., Oakland. 1-story 7-room dwelling.
Owner—W. J. Lynch, 1022 E-16th St., Oakland.
Architect—None.
Contractor—L. E. Van Ness, 4920 Park Blvd., Oakland. $5500

DWELLING
(3098) SW COR. 81ST AVE. AND Hillmont Ave., Oakland. 2-story 5-room dwelling.
Owner—Sybil E. Matthews, 81st Ave., and Matthews St., Oakland.
Architect—None.
Contractor—B. M. Mattnews. $2500

DWELLING
(3099) S FORTIETH ST. 60 W LUSK St., Oakland. 1-story 3-room dwlg.
Owner—J. W. and Mrs. H. M. Edwards 1615 104th Ave., Oakland.
Architect—None.
Contractor—Wm. Shields, San Leandro, Calif. $2000

FLATS
(3100) 329 FORTY-NINTH ST., (rear), Oakland. 2-story 7-room flats.
Owner—Mrs. Mary Bunker, 329 49th St., Oakland.
Architect—Hutchison & Mills.
Contractor—Bunker & Douglas, 1001 American Bank Bldg., Oakland. $4000

ALTERATIONS
(3101) 573 LAKE PARK AVE., Oakland. Alterations and addition.
Owner—H. W. Kleinenbroich, 573 Lake Park Ave., Oakland.
Designer — M. V. Mowbray, Jr., 5052 Fairfax Ave., Oakland. $10,000

DWELLING
(3102) W NINETY-SECOND AVE. 100 N Holly St., Oakland. 1-story 5-room dwelling.
Owner—John Kohlman, 1611 92nd Ave., Oakland.
Architect—None. $2500

ADDITION
(3103) 1537 SEVENTH STREET, Oakland. Brick addition.
Owner—Jean Cebollers, 1537 7th St., Oakland.
Architect—None.
Contractor—Andersen & Harwood, 1927 Napa Ave., Berkeley. $6000

DWELLING
(3104) W 67TH AVE., 320 S FLORA St., Oakland. 1-story 4-room dwlg.
Owner—C. M. Murphy, 7421 Weld St., Oakland.
Architect—None.
Contractor—Murphy & Murphy, 6927 East 14th St., Oakland. $3000

DWELLING
(3105) E 66TH AVE., 200 S FLORA St., Oakland. 1-story 4-room dwlg.
Owner—Eric Werling, 1087 45th, Oakland.
Architect—None.
Contractor—Oakley & Kolmodin ,1911 65th Ave., Oakland. $3850

FLATS
(3106) NE COR. TERRACE AND Ridgeway Aves., Oakland. 2-story 10-room flats.
Owner—Mrs. Stella Stabler, 443 62nd St., Oakland.
Architect—None.
Contractor—K. C. Morrison 443 62nd St., Oakland. $7000

METAL SHOP
(3107) N 3RD ST., 70 E GROVE ST., Oakland. 1-story brick metal shop.
Owner—Thomas Leith, 486 2nd Street, Oakland.
Architect—None.
Contractor—A. S. Holmes, 357 12th St., Oakland. $3700

APARTMENT
(3108) S 36TH ST., 150 WEBSTER ST, Oakland. 2-story 16-room apartment.
Owner—Mrs. E. Lea, 803 35th Street, Oakland.
Architect—Hutchison & Mills.
Contractor—M. F. Hamilton, 603 Colusa Ave., Berkeley. $12000

ALTERATIONS
(3109) SF COR. 12TH & LINDEN ST., Oakland. Alterations.
Owner—E. Garfinkle, 1135 Linden St., Oakland.
Architect—None.
Contractor—Sandusky & Mason, 1116 Seminary Ave., Oakland. $2500

APARTMENT
(3110) N YOSEMITE AVE., 400 E Piedmont Ave., Oakland. 2-story 16-room apartment.
Owner—Mrs. Lindeland, 54 Yosemite Ave., Oakland.
Architect—Hutchison & Mills.
Contractor—M. F. Hamilton, 603 Colusa Ave., Berkeley. $12000

CHURCH
(3111) COR. COLUSA & CATALINA Avennes, Berkeley. General contract for frame church building.
Owner — The Thousand Oaks Baptist Church.
Architect—Julia Morgan.
Contractor — Conner & Conner, 1733 Francisco St., Berkeley.
Filed June 10, 1924. Dated June 10, 1924
5th day each month 75%
Usual 35 days 25%
TOTAL COST, $27,325
Bond, Forfeit, none; Limit without undue delay; Plans and specifications filed.

APARTMENTS
(3112) LOT 42x100 W SIDE OF PARK Blvd 42 S Van Dyke, Oakland. General contract for apartmnet bldg. (3 4-room and 1 5-room apts. and 4 garages).
Owner — Alfred J. Whittaker, 1426 Franklin St., Oakland.
Architect — Harry C. Knight, 1426 Franklin St., Oakland.
Contractor — Harry C. Knight, 1426 Franklin St., Oakland.
Filed June 9, 1924. Dated Apr. 7, 1924.
A loan of $12,000 to be obtained.
Completed and accepted.....$5000
Note of $700 payable in 6 months.
TOTAL COST, $17,700

Bond, Forfeit, Limit, none; Plans and Specifications filed.
NOTE—Permit reported May 21, 1924 No. 2765.

APARTMENTS
(3113) LOT 22, MAP OF LAND OF the Oakland Prospect Homestead. General contract for apartment bldg. construction, 4 apts. and 4 garages.
Owner—Henry Johnson & Mary Ethel Johnson, 1426 Franklin St., Oakland.
Architect — Harry C. Knight, 1426 Franklin St., Oakland.
Contractor — Harry C. Knight, 1426 Franklin St., Oakland.
Filed June 9, 1924. Dated Apr. 25, 1924.
Deed to 5-room house Lot 4, Blk. 1, map of Northbrae on acceptance $2500
Agree to accept this property subject to $11,000 first loan.
TOTAL COST, $22,000.
Bond, sureties, forfeit, none. Limit, 90 working days. Plans and specifications filed.
NOTE—Permit reported June 7, 1924, No. 3063.

STORE BLDG.
(3114) BEG. AT POINT ON W LINE of San Pablo Ave.; 125 S from intersection of S line of University Ave. and the W line of San Pablo Ave., thence 132-81 W, thence at right angles 50 S thence right angle 132-82 E, thence right angle 50 northerly to point off beg. General contract for 1-story class C brick store building.
Owner—G. A. Mattern, Berkeley.
Architect—Louis M. Upton, 454 Montgomery St., S. F.
Contractor—Walter Sorensen, 3221 Ellis St., Berkeley.
Filed June 10, 1924. Dated June 10, 1924
Brick work up, rafters in place $3408
Plastered 2000
Completion filed 3455
Usual 35 days $2955
TOTAL COST, $11,818
Bond, Sureties, forfeit, none. Limit, 50 working days. Plans and specifications filed.

STORE
(3115) COM. AT A POINT ON E LINE of Telegraph Ave. S 100 from S line of 28th St., thence SW 60 thence SE 100 thence NE 60 thence NW 100 to point of beg. General contract for department store.
Owner—S. H. Buteau, 1307 Broadway, Oakland.
Architect — Reed & Corlett, Oakland Bank Bldg., Oakland.
Contractor — Cahill Brothers, Inc., Franklin near 15th, Oakland.
Filed June 9, 1924. Dated June 5, 1924.
75% of value of labor and materials every 4 weeks.
35 days after notice or completion.
TOTAL COST, $21,270
Bond, yes. Sureties, Fidelity & Casualty Co. of N. Y. Forfeit, $25.00 per day. Limit, on or before Sept. 15, 1924. Plans and specifications filed.

DWELLING
(3116) 2338 EDWARDS ST., Berkeley. Dwelling.
Owner—C. M. Norgrove, 2220 Roosevelt Ave., Berkeley.
Architect—None.
Contractor—C. M. Norgrove, 220 Roosevelt Ave., Berkeley. $3500

RESIDENC E
(3117) 1430 EUCLID, Berkeley. Residence.
Owner—Penelope Sittman, 1227 Euclid Berkeley.
Architect—None.
Contractor — Penelope Sittman, 1227 Euclid, Berkeley. $2500

DWELLING
(3118) 921 GILMAN ST., Berkeley. Dwelling.
Owner—John Macapho, 8th and Gilman, Berkeley.
Architect—None.
Contractor—A. Johansen, 342 Fresno St El Cerrito $1500

ALTERATIONS
(3119) 29 GLEN ALPINE, Piedmont. Alterations.
Owner—H. Fair, 443 Lee, Piedmont.
Architect—None.
Contractor—Chas. Stockholm & Sons, 3324 Webster, Oakland. $8000

SCHOOL
(3120) MAGNOLIA AVE., Piedmont. School.
Owner—Board of Education, Piedmont.
Architect—None.
Contractor—Hannah Bros. 142 Sansome St., San Francisco. $184,461

DWELLING
(3121) 354 MAGNOLIA, Piedmont. 2-story 6-room dwelling and garage.
Owner—E. C. Jackson 438 Vernon, Oakland.
Architect—None.
Contractor—Leo J. Dolan, Syndicate Bldg., Oakland. $5850

DWELLING
(3122) S BROOKDALE AVE. 107 W Francis St., Oakland. 1-story 5-room dwelling.
Owner—Mrs. Edith Smith, 1711 Grand Alameda.
Architect—None.
Contractor—W. W. Sherbourne, 9633 E-14th St., Oakland. $3000

DWELLING
(3123) N FORTY-THIRD ST. 270 W West Street, Oakland. 1-story 5-room dwelling.
Owner—G. Accenelli, 846 46th Street, Oakland.
Architect—None.
Contractor — E. Felton, 831 30th St., Oakland. $3750

ALTERATIONS
(3124) 406 FORTY-THIRD STREET, Oakland. Alterations.
Owner—Ira Castle, 406 43rd St., Oakland.
Architect—None. $1500

DWELLING
(3125) W FOURTH AVE. 150 N E-16th St., Oakland. 1-story 6-room 3 family dwelling.
Owner—J. F. Patterson, 1633 4th Ave., Oakland.
Architect—None. $3500

DWELLING
(3126) 2207 FIFTY-SEVENTH AVE., Oakland. 1-story 5-room dwelling and garage.
Owner—C. P. Lodge, 5494 Bond Street, Oakland.
Architect—None. $3375

DWELLING
(3127) S FRYE ST. 100 W Wilshire Blvd., Oakland. 1-story 5-room dwelling.
Owner—H. E. Bussian, premises.
Archtiect—None. $2900

DWELLING
(3128) W HAVENSCOURT BLVD. 365 N Avenal, Oakland. 1-story 5-room dwelling.
Owner—Logan Richardson, 145 13th St. Oakland.
Architect—None. $4000

DWELLING
(3129) W HERMAN ST. 250 S 58th St., Oakland. 1-story 5-room dwlg.
Owner — S. Solari, 1724 Cypress St., Oakland.
Architect—None.
Contractor — E. Campomenosi, 5238 Lawton Ave., Oakland. $4000

DWELLING
(3130) W HERMAN ST. 250 S 58th St. rear, Oakland. 1-story 4-room dwlg
Owner—S. Solari, 1724 Cypress St. Oakland.
Architect—None.
Contractor—E. Campomenosi 5238 Lawton Ave., Oakland. $3000

DWELLING
(3131) S HOPKINS ST. 200 E Peralta Ave., Oakland. 1-story 5-room dwlg
Owner—P. E. Nelson, 3550 Maple Ave., Oakland.
Architect—None. $3000

DWELLING
(3132) 5619 MANILA AVE., Oakland. 1-story 5-room dwelling.
Owner—G. H. Hollidge, 5421 Manila Ave., Oakland.
Architect—None. $4000

DWELLINGS
(3133) W NINETY-SECOND AVE. 50 & 75 S Cherry St., Oakland Two 1-story 3-room dwellings.
Owner—A. C. Thorpe, 1425 98th Ave., Oakland.
Architect—None. $1500 each

GARAGE
(3134) S RIO VISTA AVE. 50 E Piedmont Ave., Oakland. 1-story brick and tile garage.
Owner—W. S. Jones, 3830 Piedmont Ave Oakland.
Architect—C. C. MacLean, 1214 Webster Oakland. $2000

DWELLING
(3135) N RUTH AVE. 244 W 55th Ave. Oakland. 1-story 5-room dwelling an dgarage.
Owner—Chas. A. Russell, 3528 Porter St., Oakland.
Architect—None. $3150

DWELLING
(3136) SE COR. SEVENTEENTH AVE E 24th St., Oakland. 1-story 8-room 2-family dwelling.
Owner — A. Siemsen, 1962 Telegraph Ave., Oakland.
Architect—None.
Contractor—A. Visser, 1962 Telegraph Ave., Oakland. $5000

ADDITION
(3137) 811 SIXTY-FIRST STREET, Oakland. Addition.
Owner—H. McNaughton, 811 61st St., Oakland.
Architect—None.
Contractor — Moore & Fisher, 446 38th St., Oakland. $1800

ALTERATIONS
(3138) NW COR. TWENTY-EIGHTH and Webster Sts. Oakland. Alterations and brick addition.
Owner—Temple Sinai, Webster St., and 28th St., Oakland.
Architect—None. $6000 & $1000

DWLG. & STORE
(3139) SW COR. TWENTY-FIRST & E-27th St., Oakland. 1-story 3-room dwelling and store.
Owner—Richard Morrow, 28th Avenue, Oakland.
Architect—None.
Contractor—A. A. McDonald, 617 28th St., Oakland. $2700

GARAGE
(3140) SW COR. TWENTY-FOURTH and Harrison Sts., Oakland. 1-story tile garage.
Owner—Manuel Vargas, Oakland.
Architect—None.
Contractor—Marshall & Burks, 389 17th St., Oakland. $18,000

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Amount
June 5, 1924—POR. LOT 21, BLK. D, East piedmont Heights. Marie Stuhr to J. F. Perry ....June 4, 1924
June 5, 1924—SOUTHERLY 34 FT. of Lots 47, 49 and 50 and S 34 ft. of West ½ of Lot 47, Blk. I, Map of Laurel Grove. Ruth Adams and Chris Adams to W. H. Matteson and R. L. Dorrance ....June 4, 1924
June 5, 1924—LOT 18, AND POR. OF Lot 17, Blk. E, Map of Orland Heights. Robert E. Heuer to owner ..... June 5, 1924
June 5, 1924—LOT 5, BLK. 4, Berkeley Square. Warren M. Turner to E. F. Henderson ..... June 2, 1924
June 5, 1924 — NORTH 35 FT. OF LOTS 10, 11, and 12, Robinson Subdivision of Lot 384, Kingsland Tract. C. F. Lodge to whom it may concern ..... June 2, 1924
June 5, 1924—POR. OF LOT 48 AND all of Lot 49, Blk. 7, Havenscourt, Oakland. Harry P. Parsons to whom it may concern ..June 2, 1924
June 5, 1924—LOTS 1, 2, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17 and 18, Blk. J, Map of Klinknerville Tract. Standard Underground Cable Co. to The Turner Co. ..... Apr. 1, 1924
June 5, 1924—LOT 6, THE VIEW Tract. S. Victor Davidow to whom it may concern ..... June 4, 1924
June 5, 1924—LOTS 20 AND 21, BLK. 5, Thousand Oaks Station Tract. Mabel M. Bramlage to E. D. Bramlage ..... June 5, 1924
June 4, 1924—POR. LOTS 1 AND 2, Map Central Piedmont Extension. F. H. Miner to whom it may concern ..... May 16, 1924
June 4, 1924—LOT 58, BLK. 1, Lakeshore Highlands. Edward A. Shephard and Ethel E. Shephard to C. M. MacGregor ....., May 29, 1924

June 4, 1924—2313 CEDAR STREET. Willard P. Brown to Clarence M. Starr ..... May 29, 1924
June 4, 1924—1839 69TH AVE., Oakland. W. A. Croll to whom it may concern ..... June 3, 1924
June 4, 1924—LOT 9 AND W 20 FEET of Lot 10, BLK. 3, Fourth Avenue Heights. A. L. Shinn to whom it may concern ..... May 29, 1924
June 9, 1924—LOT 19, BLK. 4, MAP of Thousand Oaks. R. Beadell and Geo. J. Lane to Beadell & Lane.. ..... June 7, 1921
June 9, 1924—LOTS 71 AND 72, BLK. A, Vista Tract. Flora Allen to whom it may concern ..June 7, 1924
June 9, 1924—POR. BLK. 4, HOTEL Claremont Tract, Berkeley. J. H. Balsdon to Bradhoff & Tranmal.. ..... May 10, 1924
June 9, 1924—2928 FLORENCE ST., Berkeley. Matthew Gillispie and Sara M. Gillespie to whom it may concern ..... June 9, 1924
June 9, 1924—W SIDE OF ERIE ST. bet. Mandana and Prince, Oakland. Mamie Robertson, formerly Mamie Croop ..... June 4, 1924
June 6, 1924—LOT 1 BLK 10 FRUITvale Heights. Henry T. McKallor to whom it may concern....June 6 ,1924
June 7, 1924—S SIDE OF FORTYfourth St. next to 449 44th Street. Frank and Madalene Girola to A. Cederborg ..... June 3, 1924
June 7, 1924—518 520 522 524 GLENview Ave., Oakland. Henry W. Ellis and Elspeth W. Ellis to H. S. Butler .....June 6, 1924
June 7, 1924—LOT 9 BLK A Kenwood Park Tract. Arthur C. Thorpe to whom it may concern. June 7, 1924
June 7, '24—LOT 4 BLK 6 WARNER Tract. C. G. Wrank to George E. Nickerson ..... May 31, 1924
June 7, 1924—932 THIRTY-EIGHTH St., Oakland. V. M. Adams to Geo. E. Nickerson.....June 2, 1924
June 7, 1924—2918 SEMINARY AVE. Lloyd C. Kimball to whom it may concern .....June 7, 1924
June 6, 1924—LOT 101 BLK. 16, Amended Map of Havenscourt, Oakland. Clarence A. Shipman to whom it may concern. .June 7, 1924
June 6, 1924—LOT 18, BLK. D, Map of Fourth Avenue Park, Oakland. Chas. L. Milacek to whom it may concern ..... June 5, 1924
June 6, 1924—EASTERN 5 LOT 30 and Western 40 Lot 31, Blk. M, Northbrae Terrace, Berkeley. Harry C. and Agnes M. Squire to J. Harry Smith ..... June 3, 1924
June 6, 1924—LOT 10, BLK 4 MAP of Chevrolet Park, Oakland. D. W. Parks to D. W. Parks. .June 5, 1924
June 6, 1924 — LOT 52, DUTTON Manor Addition, San Leandro. C. W. Jacobson to whom it may concern ..... June 6, 1924
June 6, 1924—8101 FOOTHILL BLVD Oakland. H. S. and Genneva A. Diffenderfer to Geo. Sconyers... ..... June 4, 1924
June 6, 1924—POR. OF LOT 1, BLK. 4, Moss Tract, Oakland. Thad S. Carrico to whom it may concern ..... June 5, 1924
June 6, 1924—N ½ OF LOT 148 AND all of Lot 149, Fuller and Todd Tract, Oakland. Walter B. Dickie to whom it may concern. June 6, 1924
June 5, 1924—LOT 20 AND POR. LOT 21, Resub. of Bellevue Tract. Joseph Flittner and Mary Flittner to Jos. Flittner ..... June 3, 1924
June 5, 1924—POR. OF LOT 21 AND all Lot 22, Resub. of Bellevue Tract. Joseph and Mary Flittner to Jos. Flittner .....May 3, 1924
June 5, 1924—BEG. AT A PT. 460 S and 100 SE from intersection of N line of 1st St. and E line of Market St. SE 100 NE 50 NW 100 SW 50, Pacific Gas & Electric Co. to The Yager Sheet Metal Co...May 27, 1924

June 9, 1924—COM. AT PT. OF INT. off SE line off Fernside Blvd. with the SW line of Briggs Ave. extending in a straight line SW 40, SE to a pt. in the W line established by board of state tide commis. thence NE along last line to intersection thereof with SW line Briggs' Ave. extending SE thence NW to beg. Hattie M. Kearny to Harvey A. Thompson ....June 9, 1924
June 10, 1924—N SIDE NAOMI WAY about 160 ft. easterly from 69th Ave. A. E. Davidson to whom it may concern ..... June 7, 1924
June 10, 1924—POR. LOTS 19 AND 20 Map of the Suter Tract. Melrose Realty Co. Inc., to Foreman & Cox ..... May 17, 1924
June 10, 1924—LOT 51, THOMPSON Tract. C. A. Lindeman to Reite Bros. .....
June 10, 1924—LOT 15, BLK. B, San Pablo Park No. 2. C. P. Cadwell to whom it may concern. .June 10, '24
June 10, 1924—LOT 7, BLK. 2, Arlington Villa Sites. Janette N. Hobbs to Roy O. Long Co. .... May 28, 1924
June 10, 1924—1227 Carlton St., LOT 17, Blk. 9 of the Matthews Tract. Daniel L. Alden to Mervin P. Rose ..... June 6, 1924
June 10, 1924 — LOT 20, BLK. 12, Thousand Oaks. H. H. Schuessler to H. H. Schuessler ....May 31, 1924
June 10, 1924 — LOT 3, BLK. 2, Thousand Oaks. Louis E. Schuessler to H. H. Schuessler..May 31, 1924
June 11, 1924—LOT 44, CENTRAL Terrace Extension. J. S. Sullivan to whom it may concern..June 4, '42
June 11, 1924—SW 15 FT. OF LOT 7, Blk. D and NE 40 ft. of Lot 8, (known as 41 Nace St.), Piedmont. Mrs. W. J. Clinton to whom it may concern ..... June 5, 1924
June 11, 1924—W SIDE 27TH AVE. S from Foothill Blvd., being por. Blk. A, por. Lot 7, Blk. B, Oak Tree Farm Tract. J. E. Ward to California Builders Co. ..June 10, '24
June 11, 1924—2556 38TH AVE. N. K. Clarke to H. V. Clarke..... ..... June 11, 1924
June 11, 1924—1619 VISTA STREET. L. F. Sterner to Harry Meyer... ..... May 24, 1924
June 11, 1924—LOT 24, BLK. 20, Map of Melrose Heights. J. W. Vance to W. K. Owen Co. .....
June 11, 1924—4050 LYON AVE. Oakland. Charles Friedman to A. R. Attebery ..... June 7, 1924
June 11, 1924—SE COR. OF HILLgirt Circle North and Kenyon Rd. Angelo Guazzo to whom it may concern ..... June 9, 1924
June 11, 1924—N 39 FT. OF LOT 24 Blk. 3, Spaulding Tract of Berkeley. Matt Sala to whom it may concern ..... June 10, 1924
June 11, 1924—LOT 1 AND 2, AND S por. of Lot 3, Blk. 2023. Hyman Forkos to Hyman Forkos..June 3, '24
June 11, 1924—LOT 17, BLK. 27, Havenscourt. Karl S. Fredrickson to whom it may concern ..June 11, 1924
June 11, 1924 — SE COR. LAUREL Ave. and Arizona St. 5 bungalows. 3912, 318, 3924, Laurel Ave. 3269, 3275 Arizona St. Justus Norris to Justus Norris ..... June 10, 1924
June 10, 1924—SW COR. OF FRANcisco and California Sts., Berkeley. Eugene I. McGraw to H. T. McKallor and A. F. Waldman..... ..... June 10, 1924
June 10, 1924 — INTERSECTION W line Green Ave. and 6th St. with S line 6th St. or Snyder Ave. S 63-755 W 230 S 635 W 260 N 685 W 221-82 N 29-07 E 221-19 N 288-378 E 491-76 to beginning. Westinghouse Electric & Mfg. Co. to Grinnell Co. of the Pacific. ..... June 5, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
June 5, 1924—POR. LOTS 151, 152, Map of Crocker Tract. D. Young vs. Katharine A. Roach and Interlocking Cement Tile Co. $1120.00
June 5, 1924—COM. AT A PT. OF Bdy. 250 ft. N from 17th thence N 50 thence W 186 thence S 51-10 thence E 154-6 to pt. of beg. Ellen Lyden and Julia Doherty, administrators of the estate of Martin Lyden vs. Smith Brothers and Charles W. Heyer, Jr., ...$6766.26
June 7, 1924—SE 50 OF LOT 3 "GARden Acres" Zenith Mill & Lumber Co. vs B. H. Castillo, Minnie Castillo $174
June 9, 1924—LOT 9, BLK. F, Hopkins Terrace, Map No. 3, Berkeley. Burr & Sons vs. E. T. Meakin and M. I. Gastman $233.03
June 9, 1924—LOT 51, BLK. 18, Havenscourt, Oakland. W. N. Glaser vs. Norman G. Vadnais...$100.
June 7, 1923—BEG. AT A POINT marked 28 on line segregating the high and dry land on Marsh Map of Alameda, marsh running thence NW 103.67 thence NE 54.90 thence W thence SE 150 thence SW to pt of beg. having for its NW and NE boundaries the NW and NE boundaries of Parcel A as above and having for NE bound. portion of U S Pier Head and for its SW boundary the NE line of Parcel A. Sunset Lumber Co. vs Est. of Lars A Pedersen, A. W. De Young.$1575.52
June 10, 1924 — W SIDE OF 14TH Ave. bet. E 21st St. and E 22nd St. Oakland. Hogan Lumber and Mill Co. vs. P. Angello $547.47

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Accepted
June 5, 1924—NO. 516 APGAR ST., Oakland. Smith Hardware Co. to Clarence K. Nichols $23.37
June 5, 1924—516 APGAR ST., Oakland. Harry P. Gardner to Leo L. Nichols and Clarence K. Nichols $252.00
June 4, 1924—NO. 516 APGAR ST., Oakland. Arthur D. Aston to Clarence K. Nichols et al $254.40
June 4, 1924—N APGAR ST. 100 FT. W Telegraph Ave. W 80 N 140 E 80 S 139-85. Roberts Mfg. Co., $583.40; George A. Joshua, General Mill & Lumber Co., $109.19; H. V. Arends, $1113.53; H. C. Swanson, $379.63, to Leo. L. and Clarence K. Nichols .....
June 7, 1924—POR. BLK. 16 MAP Property of Berkeley Villa Assn. Sunset Hardware Co. $240.43; J. E. Lannom, C. W. Lannom (Lannom Bros. Mfg. Co.), $391.30 to F. Tanner, Robert S. Leopold.....$391.30
June 7, 1924—LOT 2 BLK 1 "THOUsand Oaks Station Tract". Dominick Montano to J. W. Spunt...$250
June 7, 1924—LOT 23 MAP FULLER & Todd Tract No. 1527 75th Ave. Lewis C. Davis to Grace E. Hickok $185.58
June 5, 1924—E SIDE DESMOND ST. bet. 49th and 51st 100 N of 49th, being 115 N by 150 E, Blk. 12. Jack-Thompson Lumber Co. to Frank Alexandro $124.95
June 5, 1924—NE 35 FT. OF LOTS 3 and 4, Blk. 11, Map of Fitchburg Hd. Lots. Fred Buzzell to Joseph W. and Myra E. Vanderpool..$109.30

BUILDING CONTRACTS

FRESNO COUNTY

DWELLING, $3500; No. 1447 Roosevelt Ave., Fresno; owner, W. H. Richmond.
DWELLING, $3000; No. 1124 A St., Fresno; owner, S. Gorofoll; contractor, Wm. A. Beran.
ALTERATIONS, $5434; No. 1024 Fulton St., Fresno; owner, Fisher-Glassford Hardware Co., 1932 Tulare St., Fresno; contractor, Howard Dickey 150 Howard St., Fresno.
DWELLING, $2500; No. 1819 Webster Ave., Fresno; owner, Mabel W. Minard, 311 Abbey St., Fresno; contractor, W. H. Minard, 319 Abbey St, Fresno.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
June 4, 1924—LOT 308, Forkner-G F G No. 1, Fresno. F L Alcorn to whom it may concern....June 3, 1924
June 4, 1924—REEDLEY. Reedley Joint Elementary School to Fred Smith .....May 27, 1924
June 7, 1924—W 135 FT. OF N 50 ft. Lot 68, Montpellier Tct, Fresno. E H Horner to whom it may concern.....June 7, 1924
June 7, 1924—LOTS 13 AND 14 BLK 5, Alhambra Tract, Fresno. F D Sweeney to whom it may concern.. .....June 7, 1924
June 10, 1924—LOTS 34 AND 35 BLK 4, Lincoln Terrace, Fresno. Mercy Jackson to whom it may concern.. .....June 9, 1924
June 10, 1924—LOT 18 E 48 ft. Lot 17 Blk 1, St. Francis Wood, Fresno. Elmore Winkler to Shord & Neads .....May 31, 1924
June 10, 1924—NE 50 FT. OF SW 110 ft. of Villa Lot 1, Frey Add, Selma Robt W English to whom it may concern.....June 9, 1924
June 10, 1924—LOTS 23 AND 24 BLK 3, Maywood, Fresno. Jennie E Griffin to whom it may concern.. .....June 9, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
June 4, 1924—LOTS 34 AND 35 BLK 4, Lincoln Terrace, Fresno. Maisler Bros vs L A Jackson.....$510
June 6, 1924—LOTS 12 AND 13 BLK 6, Torrance Terrace, Fresno. J D Halstead Lumber Co vs H E Guynn $740
June 6, 1924—LOTS 16 AND 17 BLK 6, Torrance Terrace, Fresno. J D Halstead Lumber Co vs E D Guynn $733
June 7, 1924—LOT 43 E ½ LOT 42 Blk 4, Torrance Terrace, Fresno. Maisler Bros Lumber Co vs Tom Pritchard Planing Mill and H E Guynn $422
June 7, 1924—LOT 41 W ½ LOT 42 Blk 4, Torrance Terrace, Fresno. Maisler Bros. Lumber Co vs Tom Prichard Planing Mill and E D Guynn $413
June 10, 1924—LOTS 780 AND 781, Bullard Lands 1 Sub No. 6, Fresno. Sunset Lumber Co vs J C Forkner Fig Gardens, Inc., and Mary G Smith $119

BUILDING CONTRACTS

SACRAMENTO COUNTY

DWELLING, 5-room and garage, $2500; No. 1721 Burnett Way, Sacramento; owner, Chas. W. Walke, 1700 H St., Sacramento.
DWELLING, 7-room and garage, $7000 No. 1200 42nd St., Sacramento; owner, A. D. Williams, 819 22nd St., Sacramento.
DWELLING, 5-room and garage, $5400; No. 921 Sonoma Way, Sacramento; Owner, L. Schroeder, 1915 27th St., Sacramento; contractor, Jas. T. Rasdall, 1055 41st St., Sacto.
REMODEL and make general repairs, $2500; No. 1931 Third St., Sacramento; owner, B. Francisconl, 1931 3rd St., Sacramento; contractor, C. Vanina, 2022 M St., Sacramento.
DWELLINGS (2) 5-room and garages, $3800 each; No. 2633 and 2652 36th St., Sacramento; owner, J. W. Newhart, 4448 7th St., Sacramento.
DWELLING, 5-room and garage, $4200; No. 2508 Donner St., Sacramento; owner, C. H. Chatterton, 2548 Donner Way, Sacramento.
STORE building (5); $11,380; No. 1401-7 J St., Sacramento; owner, Marks, Nathan & Michel, 721 J St., Sacramento; contractor, Siller Bros., 1616 13th St., Sacramento.
DWELLING, 7-room and garage, $11,-300; No. 1228 46th St., Sacramento; owner, Henry Mord, Park View Apts. 2, Sacramento; contractor, P. R. Opdyke, 1009 7th St., Sacto.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
June 5, 1924—BET. GALT AND Brighton. Southern Pacific Co to whom it may concern...May 10, 1924
June 6, 1924—LOT 181 Casa Loma Terrace, Sacramento. W D McKoy to whom it may concern. May 16, 1924
June 6, 1924—LOT 19 So. Curtis Oaks Sub. 4, Sacramento. W D McKoy to whom it may concern. May 16, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
June 5, 1924—SEC. SW¼ OF SW ¼ Sec. 26 5-6, Sacramento. T S Ferguson Lumber Yard vs H D Hiles and Ray Gower $749.11
June 6, 1924—LOT 66, Heilbron Oaks. Harry McKeown vs Coleman & Holmes and Margaret Lewis..$651.80

BUILDING CONTRACTS

SAN MATEO COUNTY

BUNGALOW
PTN LOTS 297, 299 and 300, San Mateo Park No. 3, San Mateo. All work for bungalow and garage.
Owner—C. A. Andrews.
Architect—None.
Contractor—U. S. and U. S. Jr. Simonds, 251 27th Ave., San Francisco.
Filed June 2, '24. Dated June 2, '24.
Brown coated 25%
Standing finish on..... 25%
Completed 25%
Usual 35 days..... 25%
TOTAL COST, $7490
Bond, none. Limit, before Sept. 15, '24.
Forfent, plans and specifications, none.

BUNGALOW and garage, $6150; Lot T Blk 1, Burlingame Terrace, Edgehill Drive, Burlingame; owner, Mrs. Hattenback; contractor, Hammer & Hultberg, 1524 Floribunda Ave., Burlingame.
RESIDENCE and garage, $3000; Lot 27 Blk 27, Laguna Ave., Burlingame; owner, A. G. Lafitte, Burlingame.
BUNGALOW and garage, $4000; Lot 3 Blk 69, Easton 7, Hillside Drive District, Burlingame; owner, Jas. E. Mount.
BUNGALOW and garage, $4000; Lot 11 Blk 2, Easton 7, Costello Ave., Burlingame; owner, E. Tuck.
BUNGALOW, $4000; Lot 28 Blk 30, Easton 2, Drake Ave., Burlingame; owner, W. H. Hurst; contractor, R. W. Hurst, 755 Grange St., Burlingame.
BUNGALOW, $4000; Lot 13 Blk 4, Burlingame Park 4, Pepper Ave., Burlingame; owner, Earnest Lobdell.
ALTER dwelling, $1000; Lot 1 Byrenes Sub., San Mateo; owner, A. D. Brown, Premises.
ALTER dwelling, $2800; No. 496 Edgehill, San Mateo Park, San Mateo; owner, Thos. A. Lilenthal, Prem.; contractor, Daley Bros., Burlingame.
DWELLING, $3000; Lot 8 Byrnes Sub., San Mateo; owner, P. W. Elftman, 239 Villa Terrace, San Mateo; contractor, M. A. Elftman, 239 Villa Terrace, San Mateo.
REPAIR dwelling, $1915; No. 50 N-D St., San Mateo; owner, M De Wood Premises; contractor, Charles Stevenson, 206 Elseworth St., San Mateo
RESIDENCE and garage, $13,500; Por. 259 Occidental Ave., San Mateo; owner, Chas. S. Elms, 238 Highland Ave., San Mateo; contractor, O. L. Cavanaugh, 256 State St., San Mateo.
RESIDENCE, two-story, $13,050; Lot 273 W-Poplar St., San Mateo Park, San Mateo; owner, G. Eilers, 234 7th St., San Mateo; contractor, C. H. Besset, Kelly St., Burlingame.

COMPLETION NOTICES

SAN MATEO COUUTY

Recorded Accepted
May 31, 1924—LOT 6 BLK 8, Stanford Park No. 2, Menlo Park. Samuel Phillips Bowman to whom it may concern.....May 28, 1924
June 2, 1924—LOT 10 BLK 47, Easton No. 4, Burlingame. Allen & Monahan to whom it may concern..... .....May 28, 1924
June 3, 1924—PTN LOT 3 BLK G, Wooster, Whitton & Montgomery's Sub, Redwood City. Jas T Townson to whom it may concern..... .....June 3, 1924.

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

DWELLING & garage, $4500; No. 1310 W-Park St., Stockton; owner, A. M. Tunnel.

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
May 24, 1924—LOT 1 BLK 2, El Ricado Terrace, Stockton. Minnie May Marvin to E L Marvin..... .....May 21, 1924
June 7, 1924—LOT 24 BLK 12 Sbdvn No. 2, Tuxedo Park, Stockton. G P Maddock to G P Maddock..... .....June 5, 1924

LIENS FILED

SAN JOAQUIN COUNTY

Recorded Amount
June 5, 1924—S ½ OF SE ¼ of Sec. 34 T 2 S, R 7 E and SW ¼ of Sec. 34, T 2 S R 7 E. Stockton. A R Maestrettl vs H R McNoble, M P Shaughnessy and Warren H Atherton $4678
June 5, 1924—SW ¼ OF SEC. 16 in T 2 S, R 9 E, lying N of River Road, Stockton. S J Irwin and C C Moorehead vs C G Reynolds, A E Shoemaker, Helen S Shoemaker and James Crocco $1270.38
June 6, 1924—LOTS 39 AND 40 BLK 4, Searchlight Add'n to City of Stockton. Yolland Ice & Fuel Co vs R M Morgan $60.76
June 10, 1924—LOTS 33 AND 34 BLK 24, Fair Oaks Tract, Stockton Alfred Nelson vs L C Byers.....$40
June 10, 1924—LOT 1 BLK 8, Mountain View Terrace No. 2, Stockton. H R Foster vs J W and Mary P Fetters $140

BUILDING CONTRACTS

CONTRA COSTA COUNTY

STORE and flat, two-story frame, $6000; W San Pablo bet. Lowell and Natalie Sts., Richmond; owner, Frank Smerekar, Cor. Natalie and San Pablo, Richmond.
DWELLING, one-story frame, $4350; NW Thirteenth and Roosevelt Sts., Richmond; owner, N. E. Andersan, 2030 Roosevelt St., Richmond.

BUILDING CONTRACTS

SANTA CLARA COUNTY

RESIDENCE
N MIDDLEFIELD ROAD bet. Lincoln and Addison Aves. Blk 88, San Jose All work for one-story residence.
Owner—Lloyd J. Allen, Palo Alto.
Architect—Birge M. Clark, 600 Embarcadero Road, Palo Alto.
Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.
Filed June 4, '24. Dated May 27, '24.
Frame completed $1359.75
Plumbing and electrical work 1359.75
Finished and accepted..... 1359.75
Usual 35 days..... 1359.75
TOTAL COST, $5439.00
Bond, $3000. Sureties, Jno. Dudfield & Joseph A. Jury Limit, forfeit, none. Plans and specifications filed.

COTTAGE
W POMONA AVE., San Jose. All work for one-story 6-room cottage.
Owner—Ralph Filice, 205 Pomona Ave., San Jose.
Architect—None.
Contractor—V. R. Caminetti, 975 Vine St., San Jose.
Filed June 4, '24. Dated June 3, '24.

Frame up $825
Building enclosed 825
Building completed 825
Usual 35 days..... 825
TOTAL COST, $3300
Bond, none. Limit, 60 days from June 5, 1924. Forfeit, none. Plans and specifications filed.

APARTMENTS
LOT 12 BLK 39, Reeds Addition, San Jose All work for frame twin apartments of four rooms each.
Owner—Mrs. Sadie Weaver, South 5th St., bet. Margaret and Virginia Sts., San Jose.
Architect—None.
Contractor—R. K. Wells, 939 Mission St., San Francisco.
Filed June 5, '24. Dated Feb. 25, '24.
Frame up ..... ¼
Plaster on ..... ¼
When completed ..... ¼
Usual 35 days..... ¼
TOTAL COST, $4750
Bond, none. Limit, 90 working days from Mar. 3, 1924. Forfeit, none. Plans and specifications filed.

GARAGE
N POST ST., bet. Orchard and Vine Sts., San Jose. All work for one-story reinforced concrete and clay tile garage building.
Owner—Elsa W. Campen, 435 S-7th St., San Jose.
Architect—Herman Krause, Bank of San Jose Bldg., San Jose.
Contractor—R. L. Jorgensen and C. W. Cook, 552 N-17th St., San Jose.
Filed June 9, '24. Dated June 6, '24
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $3,489
Bond, $19,500. Sureties, Sylvain Le Deit, E. W. Schnabel and O. E. Schnabel Limit, 125 working days from June 6, 1924. Forfeit, none. Plans and specifications filed.

RESIDENCE
10 ACRES PT. SEC. 19 TSP. 6 S Range 2 W on Giffin Road, Town of Los Altos. All work except heating, furnishing finish hardware and lighting fixtures for two-story and basement residence.
Owner—H. C. Lunt, Los Altos.
Architect—W. H. Crim Jr., and Hamilton Murdock, 425 Kearny St., San Francisco.
Contractor—The Minton Co., Mountain View, Cal.
Filed June 7, '24. Dated June 4, '24.
Frame up $3084.25
Brown coated 3084.25
Completed and accepted..... 3084.25
Usual 35 days..... 3084.25
TOTAL COST, $12,337.00
Bond, $6169. Sureties, Margerie Minton and William P. Wright. Limit, 100 working days from June 4, 1924. Forfeit, none. Plans and specifications filed.

COTTAGE, 6-room, $7500; Auzerais St. near Orchard, San Jose; owner, Mrs. J. A. Murphy, 702 S-9th St., San Jose; contractor, E. Delmaestro, 424 W-Julian St., San Jose.
COTTAGE, 5-room, $3900; Twelfth St. near Margaret St., San Jose; owner, A. Hintz
COTTAGE, 4-room, $2600; San Antonio and 18th Sts., San Jose; owner, A. M. Elliott, 61 Stockton St., San Jose.
ALTERATIONS, $2800; No. 146 S-10th St., San Jose; owner, Hattie Thorne 565 S-Second St., San Jose; contractor, S. S. Rose, 1125 Sherman St., San Jose.
COTTAGE, 5-room, $3950; N-Thirty-first St. near Santa Clara, San Jose; owner, Real Estate Sub. Division Company.
COTTAGE, 5-room, $3000; Fuller St. near Delmas St., San Jose; owner, G. J. Luebben, 843 Delmas St., San Jose; contractor, T. H. Hersback.
COTTAGE, 5-room, $5400; 15 N William, San Jose; owner, A. C. Fulton; architect, L. C. Rossi.
COTTAGE, 6-room, $4800; Pierce near Market, San Jose; owner, Burnett Gardner; contractor, F. C. Nelson, 34 S 15th, San Jose.
COTTAGE, 5-room, $2500; Fuller near Delmas, San Jose; owner, Leo Schutte, 19th and S 2nd, San Jose.
ALTERATIONS, $6500; S First near San Antonio, San Jose; owner, West Coast Theatres, Inc.; architect, C. F. Weber Co., Los Angeles; contractor, M. E. Hopper.
COTTAGE, 5-room, $2300; San Carlos and Josefa, San Jose; owner, J. La Proto, 527 West San Carlos, San Jose.
COTTAGE, 5-room, $2500; Atlanta near Bird, San Jose; owner, C. J. Gray.
COTTAGE, 4-room, $2500; 9th near Keyes, San Jose; owner, Swan & McDaniels.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
June 5, 1924—NO. 4 MARTIN AVE., San Jose, Cal. Vincent Maggio to whom it may concern..June 4, 1924
June 5, 1924—NW ASBURY ST. SW 50 ft. SW Laurel SW on Asbury 40 ft. NW 100 ft. NE 40 ft. SE 100 ft. to beg. Ptn. Lot 2, Blk. 18, University Gr. Cecil M. Clary to whom it may concern ..... June 2, 1924
June 5, 1924—LOT 9, BLK. 2, Mrs. Helen L. Beal addition. E. D. Minton to whom it may concern ..... June 5, 1924
June 6, 1924—LOTS 1 AND 2, Resubdivision of Blk. 88, University Park. Edward J. Petersen to whom it may concern..June 2, 1924
June 6, 1924—LOT B, BLK. 18, Parkers Addition. W B Reese to whom it may concern.....June 5, 1924
June 6, 1924—LOT 8, BLK. M, Southgate. Della M. Mahoney to Armstrong & Walker ..... June 5, 1924
June 6, 1924—PART LOT 1 BLK 66, Palo Alto, Cal. Mrs. Andrew J. Field to Wells P. Goodenough.... ..... May 31, 1924
June 6, 1924—THE SOUTH 45-10 ft. of Lot 16, Blk. 2, Reeds Addition. George D. McCrary and Margaret F. McCrary to whom it may concern ..... June 6, 1924
June 6, 1924 — LOT 10, BLK. 27, Naglee Park Tract No. 1. Cornelia S. Smith to Jorgensen & Thomy ..... June 2, 1924
June 10, 1924—LOT "D" BLK 6, Palm Haven, San Jose. A D and Julia M Rice to whom it may concern... .....June 9, 1924
June 10, 1924—LOT 19 J M. Nelson's Nob Hill Subdivision, San Jose. J J Lannin to whom it may concern .....June 5, 1924

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
June 9, 1924—PORTION OF LOT 2, Blk. 1, R 11, North San Jose, H. B. Miller, Frank J. Fisher and L. J. Van Dalsem vs W L Atkinson and N. S. Jackson $904.02
June 9, 1924—PORTION OF LOT 2, Blk. 1, range 11 north, San Jose. H. B. Miller, Frank J. Fisher and L. J. Van Dalsem vs. W. L. Atkinson and N. S. Jackson $222.59
June 9, 1924—E 21ST ST. 364 FT. N Santa Clara St., N on 21st St., 120 ft. E 180 ft. S 120 ft. W 180 ft. to beginning, San Jose. Sunset Lumber Co. vs. Robert and Mary Adare $51.65
June 9, 1924—PORTION OF LOTS 16, 17, Blk. 16, Beach's Addition to E San Jose, Cal. Sunset Lumber Co. vs. Michael K. and Minnie C. Muller $160.15
June 9, 1924—N SANTA CLARA ST. E 21st St., E on Santa Clara 100 ft. N 204 ft. W 100 ft. to 21st, S on 21st 204 ft. to beg., San Jose, Cal. Sunset Lumber Co. vs. Hugh and Lizzie Briody $107.65

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
June 10, 1924—THE S 69 FT. LOT 4 by depth 147.5 ft. of Cristina Sub 1, San Jose. Southern Lumber Co to A J Day, Carl W and Elizabeth R Cook $220.89

LUMBER COMPANY FACES SUIT FOR WAGES

Fred King and Orrin King, doing business as King Brothers, and the California Redwood Lumber Company, a corporation, are named defendants in a suit filed in the Superior Court at Redwood City by Walter G. Mathewson, commissioner of the Bureau of Labor Statistics of the State of California, in which the commission is seeking to collect claims against the defendants amounting to $2285.49 filed by 27 former employes.

The defendants, operating at Gazos Creek near Pescadero, are alleged to have employed the men last December. Wages have not been paid, according to the complaint and the men have appealed to the labor commissioner.

The commissioner asks for judgment, and that the amount, together with interest be declared a lien against the lumber and timber of the defendants.

The complaint was filed by Attorney Arthur L. Johnson of San Francisco on behalf of the plaintiff.

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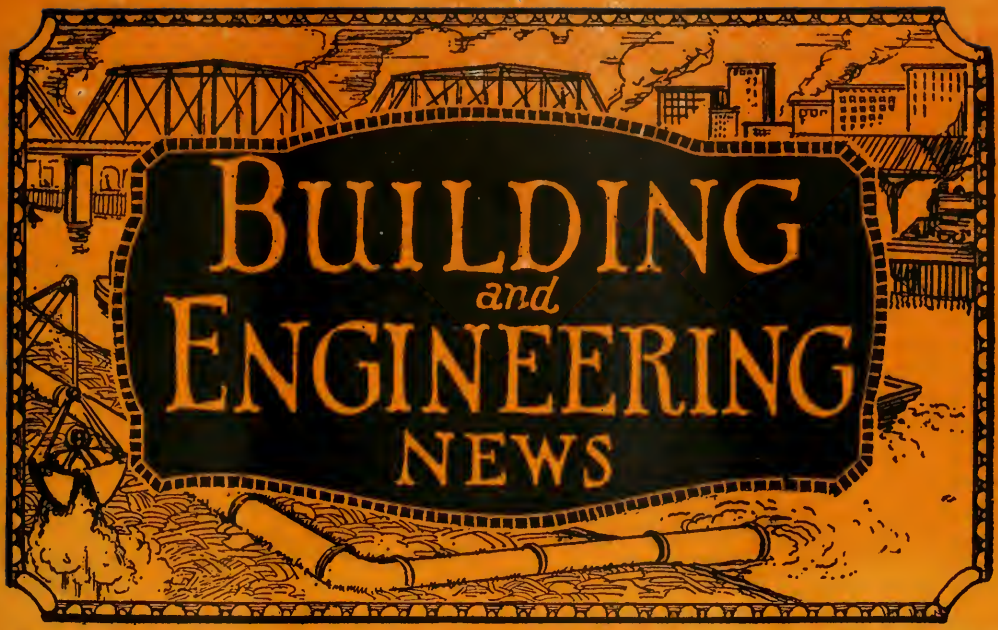

Publication Office
218 Mission Street

SAN FRANCISCO, CALIF., JUNE 21, 1924

Published Every Saturday
Twenty-fourth Year No. 25

Schumacher
Office
210 American Bank Building

Permanence
Economy

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Appearance
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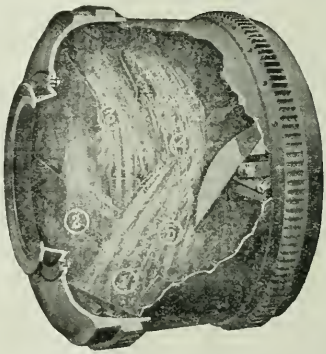

(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON, RICKARD & McCONE CO.

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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Stockton Builders' Exchange
Fresno Builders' Exchange
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INFRINGEMENT IS CONTENDED IN SEATTLE BRIDGE PLAN

Warning has been given the city engineer of Seattle by attorneys for the Strauss Bascule Bridge Company of Chicago that drawings for the proposed Montlake bridge constitute another patent infringement. The city of Seattle was recently compelled to pay $45,000 for previous infringement.

Attorneys J. W. Robinson and John F. Murphy, representing J. B. Strauss and the bridge company bearing his name, warn the city that:

"We have been advised that the plans prepared by the city engineer and approved and adopted by the board of public works, to be used in construction of the Montlake bridge, are an infringement.

"The patents are the same involved in the equity suit in the United States district court in the case of the Strauss Bascule Bridge company against the city of Seattle, seeking an accounting for the infringement of said patents in the construction of the Fremont, Ballard and University bridges, the infringement of which was confessed by the city of Seattle, and damages agreed upon, and by way of compromise paid in said action.

"You are hereby forbidden to use said plans so prepared and approved, and are given notice that the plans clearly infringe the rights of the Strauss Bascule Bridge Company."

FRESNO LUMBER YARDS CUT WAGES—STRIKE LOOMS

Lumber yard laborers and teamsters employed in nine Fresno lumber yards will face a reduction of $1 a day in their wage scales when they report for work next Tuesday morning, June 24.

Notices that the reduction would go into effect Tuesday have been posted in all yards. Close to thirty employes will be involved in the reduction.

Union men involved in the reduction are expected to strike, and other union men employed in the mills operated in connection with the lumber yards are also expected to join in the walkout.

It is said that steps taken by the Valley Industrial Association prompted the reduction, but officials of the industrial organization refused to talk on the matter. This is the first open move in what many believe will be an open shop fight to be waged by the Valley Industrial Association.

The wage scale for lumber yard laborers as provided by the agreement between the Fresno Building Trades Council and Fresno Builders' Exchange observed until midnight June 16, has been $5 a day, while teamsters received $6 a day.

Failure of the joint conference board of the building trades and builders' exchange to reach a decision on an agreement for the coming year paved the way for action.

At present there is no agreement as to wages between the two organizations. It is understood that the exchange asked for an extension of 60 days before signing an agreement for the coming year in order to make a close study of conditions in the building industry, but representatives of the labor organization demanded that the agreement be signed at once for renewal.

It is said that this demand met with a flat refusal from the exchange committee.

Whether the deadlock will be broken soon is not known, although the labor committe is expected to seek other conferences to avert a probable reduction in the wage scales of other crafts in the city.

FREIGHT CHARGE ON BRASS AND COPPER SHIPMENTS PRE-PAID

Edward G. Best, director of the domestic trade bureau of the San Francisco Chamber of Commerce, has been notified by the American Brass Company that by a new ruling the company prepay freight charges from Eastern points on all shipments of brass and copper with the exception of bare and insulated wires, when shipped by the way of Panama canal.

This is a new departure and it puts the Pacific Coast ports on the same footing as all cities East of the Mississippi, where freight is absorbed by eastern metal mills. In other words this freight absorption will land brass and copper products on the Pacific Coast at the same prices at which they can be delivered in New York City. This in turn means that the Pacific Coast manufacturer can now compete with the eastern manufacturer.

It is pointed out that inasmuch as the manufacturers on the West Coast can purchase his metal at the same price as paid by the Eastern manufacturer there is no reason why he cannot sell his merchandise on the Eastern Coast just as well as the Eastern manufacturer sells his products on the Pacific Coast.

BAY BRIDGE PROJECT REVIVED WITH ENGINEER'S VISIT

Definite action on the proposal to bridge San Francisco bay may be expected to follow the visit of Gustave Lindenthal, eminent New York engineer, who will arrive in San Francisco about July 1 to make a survey of conditions.

The survey to be made by Lindenthal will be in behalf of Eastern Capitalists interested in spanning the bay from San Francisco to Oakland. The estimated cost of the bridge will be $25,000,000.

Tentative plans for the bridge construction will include an electric railway system to be routed from Main and Market streets to the proposed San Francisco terminus of the bridge at Hunter's Point. Lindenthal will also study plans for this system for the transportation of passengers and freight.

It is expected that the result of investigations of the internationally known engineer will definitely decide whether the bridge will span the bay from Hunter's Point to the west shore of Alameda. He will study rail and motor traffic, growth of the population in the territory neighboring the proposed bridge terminals, the amount of income that might be expected and other factors pertaining to the construction.

Lindenthal was born in Austria, and after coming to the United States was the engineer in charge of constructing the Centennial Exposition in Philadelphia, the first world fair in the United States. He was bridge commissioner of New York City in 1902-03 and was architect of the Hell Gate bridge over the East river. Later he became president of the North River Bridge Co.

CONSTRUCTION VOLUME SHOWS HEALTHY INCREASE

The total value of contracts awarded on large engineering construction projects, as published in the five issues of Engineering News-Record during May, reached $257,665,000, against $174,915,000 in the four issues of April, 1924. The May, 1923 total was $218,712,000.

This gives an average weekly value of $51,533,000 for May, compared with $43,728,750 for each week of the preceding month.

The actual physical volume of May construction, that is, the quantity of materials used, was 20 per cent greater than that for the corresponding period last year and also represented the heaviest volume of any of the months since October, 1919.

Minimum costs observed in the construction news section of Engineering News-Record on each class of construction are as follows: Waterworks and excavations, $15,000; other public works, $25,000; industrial construction, $40,000; and commercial buildings, $150,000.

Construction was more active in May than during the month preceding in all parts of the United States and Canada.

The May total of bridge contracts fell off 43 per cent and excavations, 53 per cent in money value as compared with the month preceding. All other classifications gained.

The May volume was 8 per cent below that of the corresponding period in 1922; 22 per cent above the same month in 1921 and 53 per cent greater than May, 1920.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

The sufficiency and legality of the petition asking the formation of the Pine Flat water conservation district whereby the water problems of most of Fresno county and vast areas of Kings and Tulare counties are expected to be solved, provided the district is created and its project brought to completion, has been set for hearing in Fresno July 16. The hearing will be conducted by the state irrigation board. Plans for the project call for the damming of the Kings river at Pine Flat so that the water may be stored during freshet periods and distributed through the Summer irrigation months.

Submission to electors at the November election of the State water and power act, defeated at the last general election, was assured when initiative petitions were filed with Secretary of State Frank C. Jordan, carrying 79,017 names, nearly 3000 more than the required number.

State Superintendent of Schools Wood suggests that school budgets for the coming fiscal year be kept with efficiency and urges improvements and extensions involving additional expenditures to be raised through bond issue rather than direct tax.

Glenn-Colusa and Williams Irrigation District merger, carried at recent election. Directors elected are: W. Durbrow, Theodore Krieberg, M. Fetz, H. C. Sites and Miss California Gibson. The new consolidated district consists of 117,000 acres.

Construction of a $2,500,000 film laboratory at Hollywood is provided for in the 1924-25 budget of the Consolidated Film Industry, Inc., of New York. The funds will be available January 1, 1925. Samuel H. London of Los Angeles is Pacific Coast counsel for the company.

July 28th is date set by Placer County Supervisors to decide on the formation of the proposed Camp Far West Irrigation District, comprising 1,632.72 acres in Yuba and 2,469,65 in Placer county.

Sacramento county contemplates construction of a bridge over the American river near Elvas to relieve traffic congestion over the Twelfth and Sixteenth Street roads. The structure will cost approximately $125,000.

Oakland City Park Department will seek $389,945 appropriation in 1923-24 budget of which $214,000 will finance new improvements and $175,945 for maintenance work.

The city of North Sacramento, recently incorporated, is planning a bond issue to finance construction of a modern sewer system. It is estimated the system will cost $35,000.

Diamond Match Company has purchased site, 68 by 100 feet, in Anderson and will erect buildings to house offices and storage quarters.

E. H. Jefferies has been re-appointed city engineer of Manteca. Mr. Jefferies has served for several years in that capacity.

Edward Charles Hemmings, Sacramento architect, died in that city, June 13.

In conformance with a recent survey by the Civil Service Board, the Oakland city engineer's office, will be granted an additional office engineer, a field engineer and five draftsmen. The survey was made at the request of W. J. Baccus, commissioner of streets, and revealed the fact that the office is undermanned with the result that the department is six months behind in its work. Salaries of draftsmen and engineers are increased under the terms of the new ordinance which is to take effect July 1.

Approximately $2,500,000 will be appropriated by the federal government to and in highway construction in California during the year beginning July 1, it is announced by Secretary Wallace of the United States department of agriculture. The program of the federal government provides for aid to states in constructing 170,000 miles of highway in the United States. There remain 110,000 miles of roads to be surfaced. It is estimated that the program will be completed in 1934.

Cruising the timber of North Grove of Calaveras Big Trees has begun with six federal forest service men in the crew. This is in conformity with the arrangement entered into at Washington between Mr. Whitesides, owner of the grove, Congressman J. E. Raker, Director Stephen Mather of the national parks and Col. W. B. Greeley, chief forester of the United States Forest Service.

The Golden Gate Portland Cement Co. San Bernardino, plans to erect forty reinforced concrete bungalows at Oro Grande. The homes will be leased by employees. Employment of 600 men, a capacity crew at the company's plant is expected within a few weeks.

Joseph E. Thompson, electrical contractor of Colma, has petitioned the United States District Court to be adjudged a voluntary bankrupt. He scheduled his liabilities at $4071.93, with assets of $600.23.

Clark & Henry Construction Company of San Francisco has contract to pave approximately forty blocks of streets in Chico. The contract was awarded on a bid of $127,492.

Plasterers on strike in Portland, Ore., for an increase in wages from $10 to $12 a day have been granted an increase of $1 a day by an arbitration board.

General Petroleum Company has purchased 7½ acres of land in Linnton, Ore., and plans expenditure of $500,000 in a distributing plant. A storage tank farm is included in the project.

Electrical supply dealers of Tokyo have agreed to boycott United States made goods as a protest against enactment of the new American immigration law barring Japanese.

Bids to erect the $500,000 Marine Corps Supply Depot at Spear and Harrison streets, San Francisco, will be considered in Washington, D. C., July 29.

City trustees of Reedley contemplate bond issue for $130,000 to finance improvements and extensions to sewer system.

ALONG THE LINE

C. E. Grunsky, San Francisco consulting engineer, has been engaged by the Sacramento Deep Water Commission, to conduct an economic survey to determine the feasibility of constructing a ship canal from Sacramento to Suisun Bay. Mr. Grunsky will conduct the survey for a stipulated sum of $9000, the report to be submitted in about six months.

A. J. Wiley of Boise, Idaho, has been appointed consulting engineer for the San Joaquin River Water Storage District, Merced County, a project which will involve construction costing approximately $30,000,000 including a dam, power house, canals, structures and equipment.

Walter Ward of the U. S. Reclamation Service since 1910, will succeed F. T. Crowe as engineer in charge of construction on the Rimrock Dam July 1, when Crowe takes up his work at Denver as superintendent of construction for the entire reclamation service.

W. C. Whitnall, former city engineer of Auburn, Washington, has been made chief engineer of a large surveying gang now doing preliminary work for Stone & Webster in preparation for laying of the big Baker river power line in Washington.

James O. Wanzer, former city manager and more recently general manager of the Marysville Brick Company of Marysville, has resigned his position with the comptny and plans to enter new fields.

Charles Gilman Hyde, professor of sanitary engineering at the University of California, has been elected president of the East Bay Engineering Club, which is affiliated with the American Association of Engineers.

C. J. Colden, president of the Los Angeles City Harbor Commission, announces plans are being made for approximately thirteen miles of additional slips and berths in the Los Angeles Harbor District.

L. R. Byers has resigned as manager of the Hayward Lumber & Investment Company's Long Beach yard and is succeeded by D. W. Bartlett from Riverside. C. A. Kennedy is going to Riverside.

Perry Martter, Los Angeles street and road contractor, will be a member of the American wrestling team which will compete in the Olympic games at Paris, having won the finals in the 158-lb. class at New York.

Oakland city council contemplates calling an election to vote bonds of $1,000,000 to finance the construction of sewers in all sections of the city.

Warehouse and plant of Stirling Lumber Company at Redding suffered a $50,000 fire loss, June 13.

Cincinnati has been selected by the American Society of Civil Engineers as its 1925 convention city.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

A. A. E. ELECTS OFFICERS

Harold Almert, consulting engineer of Chicago, a charter member of the association and representative of the Chicago Chapter of Chicago's municipal traffic committee, was elected president of the American Association of Engineers at the annual convention in San Francisco. Other officers elected were: Norris Bien, assistant commissioner of the United States reclamation service, Washington, D. C., first vice-president; E. J. Fitzmaurice, Philadelphia, consulting engineer, second vice-president; C. E. Drayer, secretary, and H. W. Clausen, treasurer.

The directors are: District No. 2—Donald M. Baker, state bureau water rights, Sacramento; district No. 3, E. J. Ulrich, consulting engineer, Salt Lake City; district No. 5, E. B. Rhine, United States bureau of roads, Omaha; district No. 6, Arthuer Richards, city engineer of Chillicothe, Ohio; district No. 9, H. G. Culverhouse, assistant state highway commissioner, Montgomery, Ala.; district No. 11, A. M. Knowles, Erie Railroad, New York City; district No. 12, E. I. Gardiner, Boston.

BUILDING MATERIAL DEALERS OF FRESNO ORGANIZE

The Fresno Building Material Dealers' Association has been incorporated. The purposes of the organization are to promote and protect credit in the sales of materials and merchandise, obtain and distribute credit information, settle securities given for debts, and to collect debts.

The association is capitalized at $1,000 with 100 shares of stock worth $10 each. The directors are A. B. McWhorter, representing hardware interests; Frank H. Minard, a lumber man; H. H. Courtright, who represents electric millwork dealers; A. W. Anderson, millwork dealer, and B. A. Newman, plumbing equipment merchant.

Fifty dollars has been subscribed, representing one share of stock for each of the five directors.

TO ELECT OFFICERS

The Contra Costa County Builders' Exchange with headquarters at Richmond will elect officers on June 27, it is announced. Nominations will be opened at the meeting of the exchange next Friday night. P. M. Sanford, Richmond building contractor, present president of the exchange, has held the office for the past two terms. The plumbing crafts will serve a banquet on election night.

ELECTRICAL MEN ELECT

Frank Leach Jr., of San Francisco, was elected president of the Pacific Coast Electrical Association at its annual convention in Coronado. Other officers included: W. A. Baurhyte, Los Angeles, and Waldo Coleman, vice-presidents; Jos. M. Bollard, treasurer; Samuel D. Taylor, secreeary.

LUMBERMEN TO MEET

Stockholders of the West Coast Lumbermen's Association will meet June 27 in the New Emerson Hotel, Hoquiam, Wash, to consider a report to be submitted by the grading rules committee, on revised yard stock grades, and to discuss ways and means for creating a wider market for West Coast forest products, as recommended recently by Ernest Dolge, president of the association.

Northern District, California Material Dealers Association, Meet at San Jose

A meeting of the Northern District of the California Material Dealers' Association was held at the Hotel Vendome, San Jose, Monday noon, June 9, with dealers from every section of Northern California in attendance. Matters of importance to dealers were discussed.

Members in attendance reported conditions in their various localities and were optimistic about business conditions, the general opinion being that 1924 would prove a banner year for the construction industry.

Committee reports were read. The Membership Committee submitted two new applications which were balloted upon and passed. Several firms were mentioned as eligible for membership and it is expected that the Membership Committee will have applications covering these at the next regular meeting.

The Cement Committee was instructed to bring in a report at the next meeting covering conditions affecting dealers with regards to cement sales and to combat the inroads of foreign cement in the local market. Recommendations will be expected of the the committee at the next meeting of the association with regards to matters that will be for the benefit of dealers in the sale of the product.

Stockton was selected for the July meeting of the association which is scheduled for the 14th. A one hundred per cent attendance has been guaranteed by the Stockton dealers.

A vote of thanks was extended the San Jose delegates for the splendid luncheon tendered the association.

Following is the list of the firms represented at the San Jose meeting:

Rhodes-Jamieson Co., Oakland; Contra Costa Building Material Co., Berkeley; E. P. Tenney Co., Albany; Oakland Building Material Co., Oakland; Oakland Lime & Cement Co., Oakland; Powell Bros., Alameda; Valley Building Material Co., San Jose; Borchers Bros., San Jose; Williams-Russo Co., San Jose; San Mateo Feed & Fuel Co., San Mateo; Eclipse Lime & Cement Co., San Francisco; J. S. Guerin & Co., San Francisco; Western Lime & Cement Co., San Francisco; Atlas Mortar Co., San Francisco; Lennon Lime & Cement Co., San Francisco.

STATE AFFILIATION DELAYED BY FRESNO BUILDERS

Despite a lengthy discussion at a recent luncheon meeting of the Fresno Builders' Exchange as to whether the exchange should affiliate with the newly organized California State Builders' Exchange, the matter was taken under consideration until another general meeting can be called. The question of having Fresno enter the state organization was broached by representatives of the thirteen cities already in the state exchange during a meeting of the state advisory council recently.

NEW SECRETARY

Paul F. Langworthy, well known to the construction industry, has been elected secretary-manager of the Los Angeles Builders' Exchange. A complete reorganization of the office force of the Exchange has been made as a part of the program of the new administration under President Godfrey Edwards, who is planning for more important and more effective activities of the organization.

SEEK REPEAL OF CALIFORNIA LIEN LAW

Repeal of the California lien law and adoption of a new statute is sought by the advisory council of the recently organized State Builders' Exchange, Horace D. Jones, of Oakland, president, announces. Recommendations of the advisory council will be submitted at the annual convention in July. The present law. Jones declared, does not protect properly either building or owner.

San Jose city council has rejected petition of property owners to pave streets in that city with Willite pavement, following reports of the city engineer that the pavement "was still in an experimental stage and that its resistance to wear was not yet known."

AUSTRIAN ENGINEERS ARE S. F. VISITORS

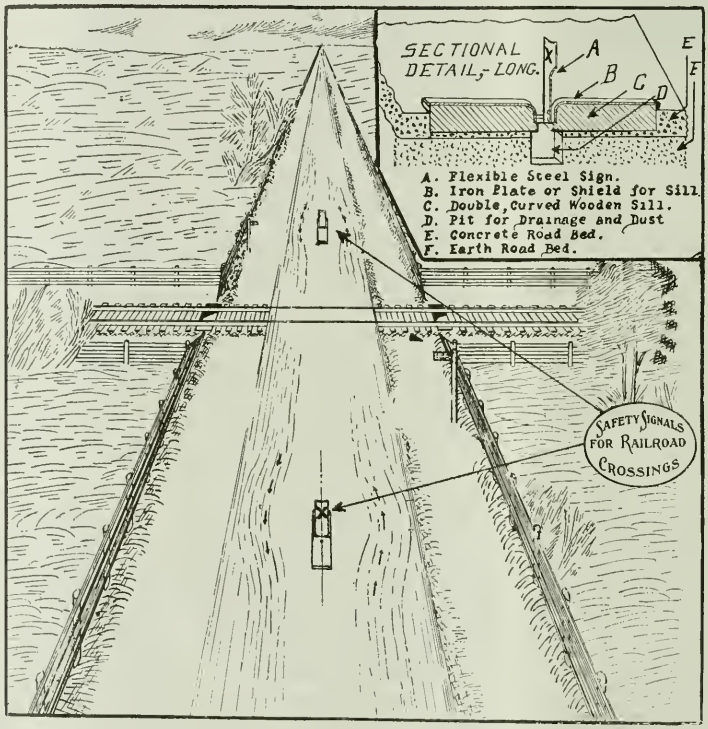
Two distinguished Austrian engineers, with headquarters in Vienna, arrived in San Francisco June 7, in the course of a tour of the United States investigating water, power and traffic conditions in the leading centers.

The visitors are Dr. Franz Musil, head of the department of bridges and waterways, and Ing. Otto Hula, director of the department of quarries and cement works of the city of Vienna. They bear credentials from Charles Seitz, mayor of Vienna, and Hugo Breitner of the financial commission of the Austrian govevrnment, as well as the American Counsul-General at the Austrian capital, Chas. R. Hoster, and also carry letters to leading engineers of this country. They arrived in New York last April and inspected all the big plants in which they are interested in that city, Boston, Buffalo, Chicago, Detroit and Los Angeles. They came to San Francisco for an inspection of the Hetch Hetchy water project.

NEVADA STATE DISPLAYS HIGHWAY LOAD WARNINGS

Prominently posted on all sections of pavement constructed by the Nevada State Highway Commission are metal signs calling attention to the load limits to be transported over the State Highways. The state law provides a gross load limit of 25,000 pounds to a four wheel vehicle, and further provides that the total weight per inch width of tire shall not exceed 600 pounds. Under this law it is possible to presecute the truck owner who has a large truck equipped with narrow tires and carrying a capacity load, as well as the man who loads his truck beyond the total load limit provided in the statutes.

Day and Night Safeguard for R. R. Crossings



The illustration herewith shows a new signal or sign to be planted in the center of the highway, (instead of at the side, or overhead). One of these signs will be located on each side of the track, about 100 feet removed, where they will serve as warnings to motorists and others that they are approaching a crossing. The resemblance to the conventional whistling post used by the railroads (for the same purpose) will be noted.

Located in the center of the highway, these signals cannot be overlooked as is so often the case with signs placed at the side or overhead. They will occupy about the same space transversely as the ordinary traffic button. The sign is of sheet spring steel eight inches in width and thirty-six inches in height, secured at the base to a heavy curved double sill, the latter being embedded in the roadway. The steel, being extremely flexible and resilient, will yield, if accidentally struck by a passing vehicle, without injury to the sign or to the vehicle. It will be weatherproofed by electro-galvanizing and painting. Lighting will be by means of lamps embedded in the sill. At the more important and dangerous crossings, alternating red and white lights will be provided to play upon the sign when trains are approaching as additional warning. The mechanism used in the ordinary electric sign is employed in this latter case.

In addition to its application as above described, this sign will be invaluable as a traffic sign in crowded cities, owing to its indestructibility and the fact that it cannot be knocked down like ordinary signs.

Low cost, both as to initial installation and future maintenance are important features of this sign or signal which gives promise of solving many of the pressing problems of modern traffic. It is the invention of an Oakland man who has spent many years in perfecting and improving the device.

"Abolish the grade crossings!" cries the man in the street, reading of "another family wiped out." But the thing is easier said than done.

On class 1 railroads alone, there are in the United States 256,362 grade crossings. The net increase in 1922 was 3,255. To eliminate these would cost on an average $75,000 each or a total of some nineteen billions, a sum on which the annual interest charges would be almost a billion dollars.

It is obvious that this is prohibitive. We haven't the money to spend in such quantity. In cold calculations, the lives lost in grade-crossing accidents are not, economically, worth the amount of money required to eliminate all grade crossings.

—S. F. "Examiner."

HEMMINGS, SACRAMENTO ARCHITECT, DIES FOLLOWING ILLNESS

E. C. Hemmings, a member of the architectural firm of Hemmings & Starks, Sacramento, died in that city June 12, following a five weeks' illness. Mr. Hemmings was 46 years of age. He was widely known in Sacramento and throughout Superior California because of his architectural attainments.

His early training in architecture was in Chicago. After the San Francisco fire in 1906, he went to that city, where he was engaged in work for more than a year. In 1907 he came to Sacramento and formed a partnership with George Sellon. Last year he associated himself with Leonard Starks and the business had been carried on under the firm name of Hemmings & Starks.

Mr. Hemmings was a member of the San Francisco Chapter American Institute of Architects. In Sacramento he was a member of the Elks' Lodge, the Sutter Club, Lions Club, and of the Scottish Rite Masons, and he had served as a director of the Sacramento Charber of Commerce. Announcement is made by Leonard Starks that the firm will be continued under the firm name of Hemmings & Starke with the partnership of Hemmings passing to the control of his widow, Mrs. Laura M. Hemmings. Surviving relatives besides his widow are three children, Evelyn, Charles and Alice, and a brother, Judge Fred L. Hemmings of Fort Pierce, Florida.

HUGE TERMINAL PROJECT FOR SOUTHERN CALIFORNIA

A. P. Gilles and W. J. Weir of Los Angeles, connected with the Los Angeles Terminal Association, announce they are completing arrangements to underwrite a $500,000,000 bond issue to finance construction of a terminal project between Del Rey and Venice, covering the flats lying in the southerly part of Venice.

The proposed project involves the construction of a breakwater between Del Rey and Venice, a canal 600 feet wide and 4.5 miles in length to Culver City, where there will be a turning basis. The banks of the turning basis will be terraced to provide factory sites. The canal will be dredged to the level of the ocean, eliminating the necessity for locks. The canal will be connected with the Los Angeles terminal by subways and surface lines. A thorough connection between Los Angeles, Santa Monica, Venice and Long Beach is proposed through a lease of the line of the Pacific Electric in the district.

CALIFORNIA CEMENT OUTPUT

The value of California cement production has jumped nearly $8,000,000 in the last three years and the annual magnesite value has increased almost 500,000, it was announced recently by State Mineralogist Lloyd L. Root. His production figures and comparative values for three years follow:

Cement: 1921, 7,404,221 barrels, $18,-772,120; 1922, 8,962,135 barrels, $16,524,-556; 1923, 10,825,450 barrels, $25,999,203.

Magnesite—1921, 47,837 tons, $511,-002; 1922, 55,637 tons, $594,665; 1923, 53,963 tons, $946,643.

STOCKTON VOTES BONDS

The city of Stockton at a recent election voted bonds to finance the following improvements: $1,500,000 for flood control improvements; $100,000 for finer avenue subway; $137,900 for public park improvements; $346,000 to purchase new fire equipment; $26,300 to finance purchase of motor equipment for city engineering department and $39,800 for street and sewer improvements.

Forestry Bill Carrying $2,700,000 is Signed by President Coolidge

President Coolidge has signed the Clarke-McNary forestry bill appropriating $2,700,000 for the protection and reforestation of national, state and private forest lands. Forestry leaders throughout the country acclaim the bill as the greatest conservation measure passed by Congress in a generation, and state that it will play a large part in the successful solution of the problem of idle land and costly lumber that is now confronting the nation. The late President Harding in endorsing this legislation said:

"Being firmly convinced that national leadership in conserving, protecting and encouraging the growth of our timber resources is absolutely necessary, I feel that legislating along the lines proposed * * * represents an important step in the perfection of a truly national forestry policy."

The Clarke-McNary bill aims at establishing through Federal leadership a co-ordination of public forest policies throughout the United States. The principal objects are the inauguration by the states of adequate protection of the forests against fire, and the introduction of state taxation systems that will not confiscate the value of forest growth. The sum of $2,500,000 is appropriated annually by the bill to enable the Federal government to cooperate on a fifty-fifty basis with states that will or have established an approved forest protection organization; and for the study of the effect of tax laws and practices upon forest perpetuation and the devising of suitable taxation methods.

The bill also appropriates $100,000 annually for the production and distribution of forest tree seeds and plants for the purpose of establishing forests upon denuded or non-forested lands; and another $100,000 each year to assist farmers and other owners of land in establishing, improving and renewing wood lots and shelter belts. It is provided, however, that the amount expended in any one year by the Federal government in carrying out these provisions shall not exceed the sum expended by the state or other co-operating agency for the same purpose.

The new forestry measure establishes a broader legal basis for further acquisition by the United States of forest lands on the watersheds of navigable streams, and authorizes the acceptance by the Government of gifts or bequests of forest land, the same to become a part of new or existing National Forests.

The President is further authorized, in his discretion, to establish as National Forests any lands within the boundaries of Government reservations other than national parks, national monuments and Indian reservations, that are suitable for the production of timber.

The provisions of the new national forestry policy bill will be administered by the Secretary of Agriculture.

Labor Unions Lose Nine Per Cent of Membership in Two Years

That strikes and lockouts growing out of the struggles between the unions and employers have cost the unbelievable total of more than twelve and a half billion dollars since 1916 is asserted by the Committee on Industrial Relations of the National Association of Manufacturers in a report made to the association at the recent convention in New York.

Together with this, the report of the open shop committee of the association, declared that labor unions have lost 9 per cent of their membership in two years. This report stated that in 1920 labor unions had in their membership 29 per cent of organized labor, but last year they had but 20 per cent of such labor on their rolls.

The report of the industrial relations committee declared that the figures submitted by it were obtained by analysis of the records of the United States Bureau of Labor and of privately gathered wage statistics. Wages constitute 16 9/10 per cent of the selling value of manufactured articles, the report said. From this it was deduced that the public loss amounted to 592 per cent of the loss of the workers.

Not only have strikes been more expensive to the people than warfare, according to the open shop committee, but union labor has been shown to be an expensive luxury in other ways. In one industry alone, that of housing, open shop workers provided 37 per cent more new homes for every 10,000 of the population last year than did the union workers in that field of endeavor.

U. S. Utley, vice-president of the Detroit Steel Products Co., chairman of the open shop committee, called attention to the fact that this is a political year and said:

The open shop question is much more than one of political scope and it can not, in the final analysis, be settled in the political arena. It is, rather, an economic issue, although in the philosophy of the closed shop leaders a menace to our political institutions and to law and order is clearly presented.

The committe expressed the opinion that if existing laws were enforced impartially and if order were maintained there would be no need of considering political expediency of the principle of the open shop. It also presented the following conclusions:

Public welfare must be the paramount considerations, and it is the duty of American employers continually to make known to the public the community advantages of the open shop. They should likewise continuously maintain their open shops as desirable places in which to work so that workers will refuse to longer rely on the spurious promises of the closed shop agitator.

We must remember that the open shop is not a panacea. It prevents certain grave industrial evils; it permits and fosters sound practices and constructive co-operation between employer and employe, which are impossible under the closed shop and which are absolutely essential to our industrial efficiency and prosperity and hence our national progress.

Every practicable method, moreover, should be used to make clear to American workers the unsoundness of the closed shop philosophy and the proposals and arguments of those who would destroy our present economic structure. To maintain relations with employes upon a basis of that confidence and understanding which grows out of a recognition of mutual interest has become one of the functions and tests of good management.

The position and leadership of America as an industrial nation have been established under predominantly open shop conditions. The wages and standard of living of our workers are the highest the world has ever seen. Every increase in closed shop control of American industry imperils our national economic standards and supremacy.

TRADE NOTES

A. H. Jongenell, former vice-president and manager of the Pittsburg, Calif., plant of the Redwood Manufacturers Company, has re-entered the wholesale lumber business in partnership with H. H. Summer, lumberman of Pittsburgh and Otis Loveridge, resident superintendent at Pittsburg for the C. A. Hooper Company. The three will operate under the name of the Summer Lumber Company and will succeed the wholesale lumber firm of Creed & Summer, Clarence L. Creed, senior member, having withdrawn from the firm. The Summer Lumber Company is capitalized at $10,000.

Paul Beygrau will establish a plant in Santa Rosa for the manufacture of sheet plaster, roofing tile and other tile products. Sheet plaster, an invention of Mr. Beygrau, can be nailed and cut with a saw just as wood. Speed and economy are the selling points of the new product. Construction of a plant will be started at once abutting the Southern Pacific railway.

The interest of R. M. Ehat in the partnership of Ehat & Bernard, paint and wall paper dealers, 2318 Shattuck avenue, Berkeley, has been taken over by M. I. Bernard, who will continue the business at the same location under the firm name of M. I. Bernard & Company.

Boyle Dayton Co., formerly located at 199 Second street, San Francisco, announces the removal of its office and warehouse quarters to its new home at 831 Howard street. The move was made to provide adequate quarters for the steady demand in Northern California for the Boyle-Dayton gasoline, oil and air systems.

The Barber Asphalt Company, with main offices in Philadelphia, since the first of the year has maintained Pacific Coast offices in the Phelan Building, San Francisco, with C. M. Foster as manager. The San Francisco offices have jurisdiction over sales of the company products for the Pacific Coast.

Pacific Cast Iron Pipe and Foundry Company, capitalized at $300,000, has been incorporated in Los Angeles, the principal place of business. Directors are: R. F. Drummond, C. R. Gallagher, J. A. Dunn, G. C. O'Connell, all of Los Angeles and E. C. Rivenius of Pasadena.

Fruit Growers' Supply Company of Lassen County, operating a lumber plant at Susanville, has made a cut in wages of 2½ cents on the hour, the reduction becoming effective June 16. The reduction applies to all departments of the plant.

V. A. Edgeworth has been appointed field representative for the Master Plumbers' Association of Oakland. Edgeworth will develop membership of the association for purposes of commercial affiliation and co-operation in organization.

C. W. Ayer Co., hardware dealers, has filed articles of incorporation at Salinas. The company is capitalized at $50,000. Directors are: C. W. Ayer, M. Ayer and F. J. Bernard.

The Western Lumber Company, San Diego, has bought the Chula Vista lumber yard at Chula Vista and will continue the business.

Simplification of Builders' Hardware

Steps which will affect the building construction industry of the entire country were taken when manufacturers, distributors and representatives of consumers of builders' hardware, meeting under the auspices of the Division of Simplified Practice in the Department of Commerce, went on record in favor of wholesale reductions in the numbers of sizes, models and finishes of locks and lock trim, butts and hinges and shelf and miscellaneous builders' hardware. The reductions as adopted represent 26 per cent of the 7,000 items manufactured by the leading makers of builders' hardware.

Estimates presented at the meeting by I. J. Fairchild of the United States Bureau of Standards, who has spent a number of months in a study of the problems of the builders' hardware manufacturers, placed the amount to be spent in this item of construction at $90,000,000 for 1924. He pointed out that in 27 states the building permits for March reached a sum of $386,483,000, of which an average of two per cent, or $7,730,000 will be spent on builders' hardware. These permits, he said, were divided as follows: residences, 53 per cent, educational and other public and semi-public buildings 16½ per cent, business, 15 per cent, and industrial, 5 per cent.

The recommendations for eliminations were based on studies of sales records of the principal manufacturers by a special advisory committee which was appointed in November, 1922 when the reduction of excess variety was first brought to a focus. This committee included William A. Heizmann, of Reading, Pa., chairman, G. L. Sargent, chairman of a sub-committee on locks, A. C. McKinnie, chairman of a sub-committee on butts, H. A. Taylor, chairman of a sub-committee on shelf and miscellaneous hardware, and 45 other members of large manufacturing firms.

William A. Durgin, chief of the Division of Simplified Practice, who presided, outlined the methods of this branch of the government in cooperating with the industry in elimination of excess variety, and told of progress made in other industries.

Chairman Heizman of the Advisory Committee, telling of the history of the simplification movement, said that the report of his committee represented the first attempt of this sort, and the length of time necessary for preparation had been due to the fact that it represented probably the largest single line of manufactured products in the world. He expressed the view that simplification would relieve the manufacturers from a mass of detail and permit greater development of inventiveness and initiative.

Reporting for his sub-committee, Mr. Sargent stated that one factor in the reductions which had made its recommended eliminations seem proportionately small, compared with other industries, had been the effect of climatic variances on the product. He announced that one of the outstanding recommendations of the sub-committee was the reduction of finishes of 29 as against from 50 to 100, which has been formerly used.

For the sub-committee on shelf hardware, Mr. McKinnie stated that the 24 per cent elimination favored by that group was very conservative and that he expects that another year will find a leveling of sectional demand. He said that his company in 1922 has found a 1600 page catalog necessary. Now it is less than 500 pages, and further cuts will be made in a new catalog forthcoming.

While the discussion revealed a sentiment for standardization, it was agreed that simplification is a necessary preliminary. Steps in this direction will probably be referred later to the American Engineering Standards Committee.

Cooperation of the War and Navy Departments, the American Institute of architects, the National Hardware Association, the United States Chamber of Commerce, the American Engineering Standards Committee, Southern Hardware Jobbers' Association, National Retail Hardware Association and the Hollow Metal Doors Society in putting the reductions into effect was promised.

The report of the Advisory Committee included the following summary of four big manufacturers:

Lock and lock trim

	1922 Catalog	Retained	% out
A	484	357	26.
B	123	57	53.6
C	427	267	40.
D	562	434	21.7

Eliminations 30% for group

Shelf and Miscellaneous

	1922 Catalog	Retained	% out
A	2040	1473	27.
B	340	228	32.9
C	1034	897	13.
D	1306	997	23.6

Eliminations 24% for group

Butts and Hinges

	1922 Catalog	Retained	% out
A	272	158	42.
B	...	...	...
C	169	126	25.5
D	201	146	27.3

Eliminations 33% for group.

Grand Totals:

	1922 Catalog	Retained	% Eliminated
A	2796	1988	28.
B	463	285	38.4
C	1630	1280	21.5
D	2059	1577	23.5
	6948	5130	

Total elimination 26%

After discussion of the report of the Advisory Committee, a motion was unanimously passed indorsing the report and making the recommendations effective January 1, 1925.

The meeting voted that a standing committee to consider future progress toward eliminations should include W. A. Heizman of Reading, Pa., G. L. Sargent of New Haven, Conn., H. A. Taylor of New Britain, Conn., A. C. McKinnie, of New Britain, Conn., H. P. Sheets of Indianapolis, Ind., Arthur May of Washington, John Donnan of Richmond, Va., LeRoy Kern, of New York, Paul E. Holden of Washington, F. J. Schlink of New York and H. G. Garlock of New York, together with I. J. Fairchild of the United States Bureau of Standards, as representing the interests of all groups.

Following this session, manufacturers interested in the production of refrigerator hardware indorsed recommendations that four items of refrigerator hardware now made in 32 sizes be reduced to the 18 sizes most in demand. This action will be referred to a further meeting to be held in September in Buffalo, N. Y., when the manufacturers of refrigerators will be asked to indorse the action.

Other manufacturers, interested in the production of hardware used in the marine field, held a meeting following the general session at which the efforts of the American Marine Standards Committee were outlined as they affect simplification of variety of ship hardware. A special sub-committee is studying this problem.

Just The Core

Compiled by
California Development Ass'n.

Bakersfield—$125,000 Post Office to be erected soon.

Berkeley—$300,000 4-story telephone building to be erected on Bancroft near Shattuck Ave.; $300,000 Class A theatre to be built on Bancroft Way; $2,00,000 bonds for new schools to be voted in November.

Burbank — $4,000,000 planned for building construction to establish Benmar Hills University.

Burlingame—$200,000 plant planned by Keaton Tire & Rubber Co. on site to be selected.

Hollywood—$500,000 to be spent in construction of Class A store and apartment building.

Imperial Co.—$1,000,000 cement plant planned by Columbia Cement Co. near Dixie.

La Jolla—$125,000 theatre and store building to be erected at Girard and Wall Sts.

Long Beach—$100,000 Bank of Italy building planned; $180,000 unit to be erected for Edison Elementary School; $680,000 to be expended for John Muir Grammar and No. side Junior High Schools; $225,000 building program planned by Grace Methodist Church.

Los Angeles—$225,000 additions to be made by Los Angeles Pressed Brick Company; $1,000,000 War Memorial contemplated; $34,640,000 school bond issue carried; $200,000 theatre store building to be erected at Pasadena Ave. and Ave. 56; $500,000 store and office building planned at 10th and Flower Sts.; $800,000 9-story building planned by So. California Telephone Company; $400,000 Class A building planned for No. Highland Ave.; $240,000 4-story apartment planned for Whitley and Franklin Aves.; $2,000,000 Class A hotel building planned for Washington, Broadway and Hill Sts.; $275,000 Y. M. C. A. building to be constructed; $1,000,000 American Legion building contemplated by County Supervisors.

Los Angeles Co.—$200,000 to be spent for theatres at Watts and Downey.

Oakland—$1,250,000 5-story hotel to be constructed at 15th and Harrison Sts.; $7,000,000 school bond issue to be voted September 30th; $1,800,000 to be spent for completion of Island Co. Hospital; $400,000 sub-station planned for Hobart St. by Pacific Gas & Electric Company.

Orange—$400,000 4-story business building to be erected on W. Chapman Ave. near Olive.

Orange County—$200,000 to be spent for improvements by Southern Counties Gas Co.

Pasadena—$125,000 to be spent for first group of buildings for the Massie Home for Aged.

Petaluma—$135,000 bank building to be erected by Sonoma County Bank.

Richmond—$2,500,000 to be spent by S. F.-Richmond Trans. Co. for 3 boat Ferry to S. F.; $500,000 extension of existing factories to be made this year.

Riverside Co.—$200,000 building program to be started at Burnasconi Springs.

Sacramento — $750,000 Civic Auditorium being planned; $250,000 5-story store and apartment building planned on I St., between 11th and 12th Sts.

San Diego—$350,000 3-story clubhouse to be erected at Otay Mesa; $200,000 Pt. Lloma High School to be erected.

San Diego—$1,000,000 hotel and sanitarium planned for Sweetwater Springs

San Francisco—$500,000 appropriation for Marine Corps building favored by Congress; $300,000 to be spent for reinforced concrete and brick machine Francisco for Golden Gate Park;; $200,000 California State Automobile Association building planned; $320,000 in-shop; $300,000 stadium planned by San vestment in 80 bungalows planned for Mt. Vernon tract; $120,000 reinforced concrete apartment planned for Geary St.; $120,000 to be spent in construction of 5-story reinforced concrete apartments.

San Jose—$200,000 to be spent in erection of 50 bungalows, near Hotel Vendome.

San Leandro—$200,000 to be expended in widening and improving streets.

San Rafael—$200,000 1-story concrete high school and auditorium to be erected.

Santa Ana—$200,000 hospital to be erected by Santa Ana Valley Hospital Association.

Santa Barbara—$407,000 expended for improvements and additions to sewage system.

Santa Monica—$400,000 City Hall being planned.

PACIFIC PORTLAND CEMENT RIGHTS OFFERED

Right to subscribe for additional stock of the Pacific Portland Cement Company are quoted on the San Francisco Stock and Bond Exchange, at $17.50 bid, $20 asked, establishing a new high for subscription rights in this market. The company is offering 40,000 shares of new stock on the basis of two shares new stock for every three now held, according to their letter to stockholders and brokers report active interest.

The company intends to finance construction of new operating equipment and it is reported that they are intending to purchase the lands of the old Morgan Oyster Company. These lands are bestrewen with oyster shells and contain more lime than any rock that can be quarried for cement manufacturing purposes.

Pacific Portland Cement Company stock has been selling slightly above $100, the old par, but as the directors have placed the stock on a no par basis, these rites are firmly held according to bidders who tried to secure them. The rites expire on June 30.

U .S. FIRM AWARDED JAP R. R. CONTRACT

P. P. Whitham, president of the Asia Development Company, an American contracting firm which recently completed the Yellow river reclamation project, has signed a contract with the Hakatawan Harbor Works Company for the development of the Hakata harbor, Japan, and the construction of a railroad tapping the most important coal fields in Japan. The information is contained in a dispatch forwarded by International News Service from Shanghai under date of June 7.

The work includes the reclamation of land, construction of port facillities and will require five years to complete at an estimated cost of 11,000,000 yen, or more than five million dollars. Hakata is located on an island near the province of Kyushu and not far from Moji, an important port.

ASBESTOS DEPOSIT DISCOVERED ON INDIAN RESERVATION

According to an International News Service dispatch from Phoenix, Ariz., a large deposit of low-grade asbestos has been uncovered on the San Carlos Indian reservation out of Globe, and only three miles from the railroad. The fibre is from three to six inches long and, though lacking in tensile strength, is said to be adapted to supply Pacific Coast manufacturers with fibre for stucco, wallboard, asbestos paper flooring and roofing material. The property is being developed.

PUBLICATIONS

Specifications for Lime to be used in the manufacture of silica brick, together with a brief description of the way in which lime is used in the manufacture of silica brick, are embodied in Circular 153 of the Bureau of Standards entitled "Recommended Specifications for Quicklime and Hydrated Lime for the Manufacture of Silica Brick." Complete directions for sampling and testing are also given. Copies of this circular may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. The price is 5 cents.

"Contractors Accounting Practice," is a timely 400-page volume written by William M. Affelder, comptroller of Thompson Starrett Company, and special lecturer in construction accounting, College of the City of New York. It treats in a thoroughgoing manner the procedure for accounting on construction work of various types, and gives practical examples and forms used by leading firms. The book is published by The Ronald Press Company, New York City; price, $5.00.

The Report of the Twenty-second Annual Meeting of the National Lumber Manufacturers Association has been published. It includes the reports on all sessions, report of committee on resolutions, and list of officers, directors, and standing committee chairman for 1924-25. Copies may be had on application to the National Lumber Manufacturers Association, 402 Transportation Bldg., Washington, D. C.

"Tractive Resistance and Related Characteristics of Roadway Surfaces," a 62-page booklet, (Bulletin 67) by T. R. Agg, has been issued by the Engineering Experiment Station, Iowa State College, Ames, Iowa. The booklet covers the results of investigations conducted by the college in co-operation with the U. S. Bureau of Public Roads and the Iowa State Highway Commission.

The Barber Asphalt Co., Land Title Bldg., Philadelphia, has issued the "Genasco Shingle Book," printed in four colors. The book covers a description of the complete line of Genasco Shingles. Copies will be furnished on request.

LOS ANGELES AUTHORIZES WATER SUPPLY SURVEY

Louis C. Hill of the firm of Quinton, Code & Hill, A. L. Sonderegger and J. B. Lippincott have been named by the Los Angeles public service commission to investigate all sources of water supply and to estimate the present and future needs of the city of Los Angeles. The investigation will be carried as far north as the Mono Basin, but will only touch indirectly the Boulder Canyon phases of the city water supply.

The investigation will cover the possible sources of supply in the proposed flood control program of the county, but has no bearing on the construction of the flood control dams, although expert opinion appears to favor an independent investigation of the dam projects under the $35,000,000 flood control bond issue.

The members of the investigating committee will each receive a retaining fee of $1000 and $100 per day.

Building News Section

APARTMENTS

Contract Awarded.
APARTMENTS Cost, $35,000
SAN FRANCISCO, West Side Franklin 112½ S Francisco.
Three-story frame (12) apartments.
Owner—Mr. C. Giugni.
Architect—Richard R. Irvine, 507 Call Bldg., San Francisco.
Contractor—John Harder, 870 39th Ave San Francisco.

Plans Being Figured.
APARTMENT Cost, 12000
SAN FRANCISCO, Laguna Street.
Altering residence into apartment (4 2-room apartments).
Owner—Withheld.
Architect—N. W. Sexton, Chronicle Bldg., San Francisco.

Plans Being Prepared.
APARTMENT Cost, $14,000
SAN FRANCISCO, California Street.
Altering frame residence into apartment (four 2 and 3-room apts.
Owner—Withheld.
Architect—N. W. Sexton, Chronicle Bldg., San Francisco.

Plans Being Prepared.
APARTMENTS Cost, 15,000
SAN FRANCISCO, Van Ness Avenue.
Altering frame residence into four 3-room apartments.
Owner—Withheld.
Architect—N. W. Sexton, Chronicle Bldg., San Francisco.

Contract Awarded.
STORE & APT. BLDG. Cost $19,000
STOCKTON, Lindsay and Stanislaus Sts
Two-story and basement brick store & apartment building.
Owner—Knutzson Bros.
Architect—Ralph P. Morrell, 41 S Sutter St., Stockton.
Contractor—Carl Nelson. 1421 E Channel St., Stockton.

Contract Awarded.
APT. BLDG. Cost, $26,200
SAN FRANCISCO, E Webster 70 N Haight.
Two-story and basement frame apartment bldg.
Owner—G. M. Adams, 63 Palm Ave., SanFra ncisco.
Contractor — E. Blanchenburg, 3675 Jackson St., San Francisco.

Segregated Bids Wanted.
APARTMENTS Cost, $35,000
SAN FRANCISCO, SE Cor. Divisadero and Lombard.
Three-story frame and stucco apts. (6 4-room apts.)
Owner—J. H. Nutman & Darling, Nuttman & McCarthy.
Architect—A. Berger, 261 Valencia St. San Francisco.

Owner Taking Figures.
APARTMENTS Cost, $18,000
SAN FRANCISCO, NW California and 19th Ave.
Three-story and basement frame (12) apartments.
Owner — M. P. Storhelm, 201 Casellis Ave., San Francisco.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.

Bids Wanted.
APARTMENTS Cost, $40,000
SAN FRANCISCO. Union Street near Pierce Street.
Three-story and basement frame and stucco apartments (12 4-rm. apts.)
Owner—Emil Nelson, 77 Allston Way, San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Contract Awarded.
APT. BLDG. Cost, $26,200
SAN FRANCISCO, E Webster 70 N Haight.
Two-story and basement frame apartment bldg.
Owner—L. M. Adams, 63 Palm Ave., San Francisco.
Contractor — E. Blanchenburg, 3675 Jackson St., San Francisco.

Plans Completed.
APARTMENTS Cost, $50,000
SAN FRANCISCO. NE Chestnut and Laguna Streets.
Three-story and basement frame and plaster apartments.
Owner—Stock & Jose.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Bids Wanted.
APARTMENTS Cost, $45,000
SAN FRANCISCO. SW Fourteenth Ave and Anza St.
Three-story frame and stucco apartments (12 3-room apts.)
Owner—Fred Anderson, 2152 Market St. San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Bids Wanted.
APARTMENTS Cost, $40,000
SAN FRANCISCO. Union Street West of Pierce Street.
Three-story and basement frame and stucco apartments (12 3-rm. apts.)
Owner—Emil Nelson, 77 Allston Way, San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Contract Awarded.
APT. BLDG. Cost, $12,000
SAN FRANCISCO, W 2nd Ave. 200 N Geary.
Two-story and basement frame apt. bldg. (4 apts.)
Owner—Benjamin Rubin, care architect
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Contractor—G. E. Watson, 581 45th Ave San Francisco.

Material of Merit

DOORS

Firedoors, Freight Elevator, Garage and Warehouse Doors. **Fold-up-Dors**, Ti-co-dors, Cobald-dors, Wal-el-dors.—St. Louis Fire Door Co.

STORE FRONTS

The newest and most diversified store front.—Security Metal Products Co.

SASH OPERATING DEVICES

T. J. Callahan Co.

IRVING SUBWAY AND SAFSTEPS

The fireproof, ventilated non-slipping flooring.—Irving Iron Works Co.

LIGNI SALVOR

Best Wood Preserver.

Douglas Woodhams & Co.

J. C. LYNN

24 CALIFORNIA STREET

Sutter 5907 San Francisco

Bids Wanted.
APARTMENTS Cost, $40,000
SAN FRANCISCO. Union St. near Pierce Street.
Three-story and basement frame and stucco apartments (12 3-rm. apts.)
Owner—Emil Nelson, 77 Allston Way, San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $20,000
SAN FRANCISCO, Corner 18th and Guerrero.
Three-story and basement frame brick veneer and stucco apartments.
Owner—Mr. Grenet.
Architect — Fabre & Hildebrandt, 110 Sutter St., San Francisco.
Contractor—Fred Miller

SEATTLE, Wash. — Archt. Charles Haynes, Melhorn Bldg., taking bids to erect first unit of $175,000 apartment house for Amelia Hemrich at 8th Ave. and Howell St. First unit will be five stories, 60 by 60 ft., with 3 stores on ground floor and 24 two-room apartments on each of 4 upper stories. Class A construction.

LOS ANGELES, Cal.—Archt. William Bruce, 430 Chapman Bldg., has completed preliminary plans for a 12-story apartment bldg. to be erected at the n.e. Los Feliz Blvd. and Wayne Ave., for an eastern syndicate; W. L. Miller has an option on the property; the bldg will contain 44 apts. of 18-rms. each and there will also be a garage for 150 cars in the basement, gymnasium, tennis courts, swimming pool, etc. Reinf. conc. constr., the bldg. will be divided into 2 units 110x40 ft. each, separated with a 25-ft. court, 12-sto. and basement, press. brick and stone facing, comp. rfg., steam and hot water htg. sys., tiled baths and corridors, parquet fls., ballroom, billiard room, art glass, ornam. iron work, 12 elevators; the bldg. complete will cost $2,400,000.

LOS ANGELES, Cal.—Archt. Saul H. Brown, 528 Union League Bldg., is preparing plans for a 4-story class C apt. bldg. to be erected at 12th St. and Grandview Ave., for a local client. There will be 185 single apts., large lobby. Four-story, brick walls, struc. steel, comp. rfg., gas rads., aut. water htrs., tile baths, hardwd. and tile fls., pine trim, wall beds, refrigerators, elevator, fire escapes; $150,000.

BONDS

WILLOWS, Glenn Co., Cal.—Election will be held July 1 in Ord School District to vote bonds of $12,000 to finance erection of new school. Trustees of district are: F. A. Bushee and Mrs. Mabel N. Compton.

HANFORD, Kings Co., Cal.—Election will be held July 8 in Hanford Grammar school District to vote direct tax of $26,000 to finance additions to present school buildings. L. M. Powell and E. R. Nash, trustees of district.

SANTA ROSA, Sonoma Co., Cal.—Until June 27, bids will be received by county supervisors for purchase of $5,000 bond issue of Windsor School District, proceeds of sale to finance school improvements.

ROSELAND, Sonoma Co., Cal.—Roseland School District fails to endorse bond issue for $2500 to finance construction of annex to present building.

DAVIS, Yolo Co., Cal.—Dabis Grammar School District votes bonds of $18,000 to finance construction of additional wing to present school.

MARYSVILLE, Yuba Co., Cal.—Election will be held July 7 in Feather River Union School District to vote bonds of $21,000 to finance erection of two 2-classroom school buildings in two sections of district.

CHURCHES

HERMOSA BEACH, Los Angeles Co., Cal.—Church of the Brethern are preparing to erect a new church structure at Third St. and Camino Real, Hermosa Beach. The present building has been moved across the street. Excavation has started.

Bids Wanted.
CHURCH Cost, $60,000
PIEDMONT, Alameda Co., Cal.
Class C church.
Owner—St. Luke's Parish.
Architect—Geo. E. McCrea, 369 Pine St San Francisco.

LOS ANGELES, Los Angeles Co., Cal.—L. A. Planing Mill Co., 1812 Industrial St., has the contract to erect a rectory on W. Adams St., near Figueroa St. for St. Vincent's Church. Albert C. Martin, 227 Higgins Bldg., is the architect. It will contain 15 rooms and 6 baths; brick construction, stucco exterior, clay tile roofing, hardwood and pine trim and floors, tiled baths, steam heat. Cost, $75,000.

LOS ANGELES, Cal.—Archts. Alfred W. Rea and Chas. E. Garstang, 905 Trust & Savigns Bldg., are taking new bids for erecting a Sunday school bldg. at Highland Park for Highland Park M. E. Church. Bids will be taken separately on the general contract, plumbing, wiring and heating. The bldg. will be 2-story and basement, 72x142 ft. frame and plas. constr., cem. gun exter, comp. rfg., pine trim, gas rad. htg; $75,000.

ALHAMBRA, L. A. Co., Cal. — First Christian Church of Alhambra is to have a new bldg. according to an announcement by Rev. O. C. Moomaw, pastor. The proposed bldg. will be erected at 4th and Commonwealth Sts. of brick constr. with stone trim. There will be accommodations for between 600 and 900 persons. Est. cost $150,000.

LOS ANGELES, Cal.—Royce H. Heath 457 S Western, submitted low bid for constructing a new church at corner Fairfax and Mountain Ave. for the Crescent Heights Methodist Episcopal Church.

PASADENA, L. A. Co., Cal.—Archts. Leon C. Brockway, 400 Security Bldg., Pasadena, and H. M. Patterson, 325 O. T. Johnson Bldg., L. A., assoc., have been commissioned to prepare plans for a $400,000 church bldg. to be erected at Los Robles Ave. and Walnut St., Pasadena, for the First Congregational Church, Fred M. Wilcox, chairman of the bldg. committee. Construction will be deferred until the sale of the present church holdings.

ALHAMBRA, L. A. Co., Cal.—Archt. H. M. Banfield, 314 Bryson Bldg., is completing plans for a church bldg. and Sunday school and social center bldg. to be erected at the n.w. cor. of 4th and Commonwealth Sts., Alhambra, for the First Christian church; it will have an auditorium and balcony to seat 600 people, and the Sunday school and social center bldg. will contain classrooms, kitchen, diningroom etc. Reinf. conc. or brick constr., auditorium unit 51x91 ft., struc. steel, terrazzo foyer, comp. rfg., pine and cement fls, gas htg. sys., water htr., art glass, art stone trim, pipe organ, pine trim, pews or opera chairs; $140,000.

LOS ANGELES, Cal.—Archt. Norman F. Marsh, 211 Broadway Central Bldg., Archt. Paul R. Williams, 1400 Stock Exchange Bldg., associated, are completing plans for a new church to be erected at 24th St. and Griffith Ave. for the Second Baptist Church. Two-sto and basement, 120x130 ft., brick construction, ruffled brick facing, tile and comp. rfg., art glass windows, pine trim, oak flrs., htg. and ventilating; $125,000. Bids will be taken shortly.

FACTORIES AND WAREHOUSES

Sketches Being Prepared.
WAREHOUSE Cost, $150,000
SAN FRANCISCO, Corner 5th and Bluxome Sts.
Four-story and basement reinforced concrete warehouse.
Owner—Dohrmann Commercial Co.
Architect—Ashley & Evers, 58 Sutter St., San Francisco.

Plans Complete.
ROUNDHOUSE Cost, $68,000
STOCKTON, 2001 South Sacramento.
Roundhouse.
Owner—Western Pacific Ry., Poplar & Sacramento, Stockton.

Plans Complete.
MACHINE SHOP Cost, $39,000
STOCKTON, 2001 South Sacramento.
Machine shop.
Owner—Western Pacific Ry., Poplar & Sacramento, Stockton.

Sub Contracts Awarded.
WAREHOUSE Cost, $50,000
SAN FRANCISCO, S Folsom 80 E 2nd.
Three-story reinforced concrete warehouse.
Owner—A. Schilling Co., 2nd and Folsom Sts., San Francisco.
Architect — E. A. Eames, 353 Sacramento St., San Francisco.
Contractor — Lindgren and Swinerton, Standard Oil Bldg., San Francisco.
Plumbing to Gilley-Schmid Co. 198 Otis St., San Francisco.
Wiring to Victor LeMoge, 281 Natoma St., S. F.
Painting to A. Quandt & Sons, 374 Guerrero St., S. F.
Brick to McNear Brick Co., 946 Monadnock bldg., S. F.
Metal forms to Truscon Steel Co., 527 10th St., S. F.

Contract Awarded.
WAREHOUSE Cost, $50,000
SAN FRANCISCO, S Folsom 80 E 2nd.
Three-story reinforced concrete warehouse.
Owner—A. Schilling Co., 2nd and Folsom Sts., San Francisco.
Architect — E. A. Eames, 353 Sacramento St., San Francisco.
Contractor—Lindgren and Swinerton, Standard Oil Bldg., San Francisco

Contract Awarded.
ADDITION Cost, $15,000
SAN FRANCISCO, E Divisadero 82-6 S Geary.
One-story reinforced concrete addition to creamery bldg. (27½x140).
Owner—Riverdale Creamery, Divisadero and Geary Sts., S. F.
Architect — Geo. Cantrell, Monadnock Bldg., San Francisco.
Contractor — H. P. Hoyt, Monadnock Bldg., San Francisco.

Plans Complete.
PLANT Cost, $30,000
SAN FRANCISCO, Duncan, Guerrero, and San Jose Ave.
One-story and basement re-concrete pasteurizing plant.
Owner—Frank La Brucherie, 242 Chattanooga St., San Francisco.
Architect—Edw. Ames, 253 Sacramento St., San Francisco.

Completing Plans.
ADDITION Cost, $250,000
SAN FRANCISCO. Block Bounded by 16th, 17th, De Haro and Carolina Streets.
One-story reinforced concrete addition to factory and warehouse.
Owner——John A. Roebling Sons Co. of California, 646 Folsom St., S. F.
Architect—Engineering Dept. of Owner

SEATTLE, Wash.—Arch and Eng. V. W. Voorhees, Eitel Bldg., taking bids to erect first unit of three-story and basement, 420 by 155 ft., reinforced concrete and heavy mill construction warehouse and loft building in Terry Ave., bet. Republican and Mercer Sts., for Vance Lumber Company; est. cost, $450,000. Will be equipped with automatic sprinkler system and large freight elevator. Segregated bids are desired for general contract, sprinkler system, elevators and plumbing. Only first unit will be constructed at this time, to be 120x115 ft.

LOS ANGELES, Cal.—John E. Conzelman, struc. eng. Citz. Natl. Bank Bldg., is preparing plans for a group of class A factory bldgs. to be erected on the property bounded by Penn, Pitt, Solo and Camulos Sts., for the Hostetter Tract Holding Co. There will be a 5-story warehouse, 175x330 ft., and 4 2-story factory bldgs., each 300x126ft. The factory bldgs will be divided into units to be leased to individual concerns and will be equipped with overhead cranes and trackage facilities. Reinf. conc. constr., steel sash, steel rolling doors, metal skylights, sprinkler systems, elevators.

LOS ANGELES, Cal.—J. S. Metzger & Son, 1007 S Grand Ave., have the contract at $55,000 to erect a bakery bldg. at $1058 Mignonette St., for the Davis Standard Bakery Co.; it will contain offices, baking and oven rooms, wrapping and loading dept., and mixing rooms, etc. Plans by C. C. Ruppenthal, 2075 W Washington Blvd. Class B and C constr., 3-story and basement, 150x200 ft., comp rfg., press. brick facing, steel sash, wire and plate glass, strut. steel, white tiled and enam. brick interior walls, magnesite, tiled and cement fls., metal skylights, steam htg. and power plant, fan ventilating sys., electric oven, aut. elec. elevator. Strus. steel was awarded to the Brombacher Iron Works, 1668 Long Beach Blvd., at $10,000. Ventilating sys. and fans was awarded to the Phillips Htg. & Vtg. Co., 1710 W Washington Blvd., at about $4000. Bids being taken on sprinkler system.

STRATHMORE, Tulare Co., Cal.—Cal. State Olive Assn., Inc., will start work shortly on the new olive packing plant at Strathmore. Sidney Allen is one of the directors.

LOS ANGELES, Cal.—Robertson & Evans, Grant Bldg., have been awarded a contract at $95,573 for erecting a class A warehouse and store bldg. at n.e. cor. of 3rd and Alameda Sts., for Neptune Meter Co, W. J. Saunders, 227 Laughlin Bldg., archt. Three-story and basement, 117x131 ft., reinf. conc. construction, press. brick facing, plate glass, steel sash, metal skylights, two elevators.

LOS ANGELES, Cal.—Burrell Engineering & Construction Co., 513 W Jackson Blvd., Chicago, has prepared plans for a grain elevator to be erected on Clarence St., between 4th and 6th Sts. for Sunset Milling & Grain Co. It will be 77x146 ft., 112 ft. high, reinf. conc. construction; $84,000.

RIPON, San Joaquin Co., Cal.—Sam Trondhjem, Ripon, awarded contract to erect condensary for Meyenberg Milk Company. The company will expend approximately $100,000 in construction.

Sub Contract Awarded.
MACHINE SHOP Cost, $300,000
SAN FRANCISCO. Block bounded by 17th, Mariposa, Florida and Alabama Sts.
Three-story reinforced concrete and brick machine shop.
Owner—American Can Co., 120 Broadway, New York, N. Y.
Plans by Company Engineers.
Contractor — Lindgren & Swinerton, Standard Oil Bldg., San Francisco.
Plumbing to Frank J. Klimm.

As previously reported, grading was awarded to Carlin Grading Co.; reinforcing steel to Edw. L. Soule Co., Rialto Bldg., San Francisco; structural steel to Dyer Bros., 17th and Kansas Sts., S. F.; brick work to McNear Brick Co., 417 Berry St., S. F.; lumber to J. H. McCallum Lumber Co., 748 Bryant St., S. F.; steel sash to Truscon Steel Co., 3rd and Mission Sts., S. F.; roofing to Bender Roofing Co., Monarnock Blrg., S. F.; sheet metal work to Fordered Cornice Works, S. F.; Painting to A. Quandt & Son, 374 Guerrero St., S. F.. Bids for glass are being taken.

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LOS ANGELES. Cal. — Bids rec. by public service comm. for steel sash, etc. for the Ducommun St. warehouse, under spec. 715-B, were: Waterhouse-Wilcox-Pacific Co., $12,821; Maritzen Co., $11,931; Truscon Steel Co., $16,211; with alternate of $15,889; W. C. Lea, $16,114; U. S. Metal Products Co., $14,-585; Geo. L. Eastman Co., $16,159 (glazing, etc., except glass, $6945).

CLOVIS, Fresno Co., Cal.—Sgobel and Day, New York interests, plan early construction of fresh fruit packing plant. First unit will consist of shed, 80 by 54-ft. A. J. Sturdevant, Jr., is Clovis representative for company.

LOS ANGELES, Cal.—Fred L. McCullough, general manager for Kingan & Co., 1150 E 1st St., states that the company has secured a long-term lease on property at 1150 E 1st St. and will expend $100,000 in additions and alterations to convert the bldgs. into a modern packing plant.

FLATS

Contract Awarded.
FLATS Cost, $12,000
SAN FRANCISCO, S Bay St. 68-9 E Gough.
Two-story and basement frame flat bldg. (3 flats).
Owner—A. Thorny, 756 Lake St., San Francisco.
Architect — Benjamin Schreyer, 105 Montgomery St., San Francisco.
Contractor — I. M. Sommer Co., 901 Bryant St., San Francisco.

Contract Awarded.
FLATS Cost, $12,000
SAN FRANCISCO, S Clay 218-9 W Fillmore.
Two-story and basement frame (2) flats.
Owner—J. P. Casson, care architect.
Architect—Albert J. Fabre and Ernest Hildebrand, 110 Sutter St., San Francisco.
Contractor—M. C. Ingram.

Contract Awarded.
FLAT BLDG. Cost, $10,000
SAN FRANCISCO, S Cumberland 230 W Guerrero.
Two-story and basement frame flat bldg. (2 flats).
Owner—E. A. Carlsen, 79 Cumberland St., San Francisco.
Contractor—J. H. Verner, 3251 Army St San Francisco.

Plans Complete.
FLATS Cost, $10,000
SAN FRANCISCO, N Balboa 27-6 W 21st Ave.
Two-story and basement frame flat bldg. (2 flats).
Owner—Oscar Heyman & Brother, 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco.

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Contract Awarded.
FLATS Cost, $11,000
SAN FRANCISCO. SE Francsico and Gough Streets.
Two-story and basement frame flat building (4 flats).
Owner—S. L. Forsyth, 825 Monadnock Bldg., San Francisco.
Architect—J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor — Fred Warden, 1515 11th Ave., San Francisco.

Contract Awarded.
FLAT BLDG. Cost, $12,500
SAN FRANCISCO, W Ashbury 125 S Fulton.
Owner — Lillian K. Guinnane, 1855 Hayes St., San Francisco.
Designer—B. Feerick, 253 Downey St., San Francisco.
Contractor—Byron Feerick 253 Downey St., San Francisco.

GARAGES

Contract Awarded.
GARAGE BLDG. Cost, $34,489
SAN JOSE, Santa Clara Co., Cal. Santa Clara St.
One-story reinforced concrete garage building.
Owner——Elsa W. Cowpen, San Jose.
Architect—None.
Contractor—R. L. Jorgensen and C. W. Cook, San Jose.

LOS ANGELES, Cal.—Archts. S. Tilden Norton and Frederick H. Wallis, 716 S Spring St. have completed plans for a brick store and garage bldg. to be erected on 7th St., near Wilshire Pl., for N. Askt; it will have 6 stores and public garage. Dimensions. 120x155 ft., brick walls, press brick facing, art stone trim, comp. rfg., wood roof trusses, plate glass, cement fls., metal skylights, metal store fronts, tiled store entrances, tile bulkheads, ornam. iron work. S. Sidney Grossman will be the general contractor. Archts, taking bids on brick work and plastering.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO, Cal.—Until June 25, 11 a. m., bids will be rec. by Constructing Quartermaster, Fort Mason, for exterior painting of buildings at Letterman General Hospital. **See call for bids under official proposal section in this issue.**

SAN FRANCISCO—Until June 24, 11 A. M., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5379-590, to fur. and del. Rio Vista, Solano County, 10 tons stove coal, 2,000 lbs. to ton.

SAN FRANCISCO—Bids will be opened in Washington, D. C., July 29th to erect $500,000 Marine Corps Supply Depot Building to be erected at Spear and Harrison streets, according to word received by the San Francisco Chamber of Commerce. Plans have been forwarded to Rear-Admiral Simpson with offices in the Customhouse. Separate bids will be asked for grading the site.

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WASHINGTON, D. C.—Bids are being rec. by Bureau of Supplies and Accounts, Navy Department, Washington, D. C., to fur. and del. materials to Navy Yards, as follows, the date for opening bids as noted at close of each paragraph:

Schedule 2301, Mare Island, 30 sets of drawing instruments, July 1.

Sched. 2315, Mare Island, 100,000 lbs. paving asphalt, July 1.

Sched 2316, eastern & western yards 17,150 sq. yds. linoleum, July 1.

Sched. 2317, Puget Sound, 2 blueprint machines, 2 blue-print driers and washers, complete, and spare parts, July 1.

Sched. 2318, eastern and western yards, white pine and spruce, June 24.

Sched. 2319, f. o. b., 208 pressure valves and 104 springs, June 24.

Sched. 2321, various yards, wrenches, July 1.

Sched. 2327, eastern and western yards, commutator slotters, saws and boxes, July 1.

Sched. 2329, eastern and western yards, spark plugs, July 1.

Sched. 2334, f. o. b. individual forced draft blower equipment, June 24.

Sched 2335, f. o. b., individual forced-draft blower equipment, June 24.

Sched. 2336, Puget Sound, fuel oil pumps, spare parts and wrenches, June 24.

SAN FRANCISCO—Until June 24, 11 a. m., under Order No. 5382-590, blds will be rec. by U. S. Engineer Office, 85 2nd St., to fur. and del. Rio Vista, Solano county, Pine lumber. Lists of sizes desired obtalnable on application to above office.

SAN FRANCISCO—Standard Fence Co., 432 Bryant St., San Francisco, at $4380 awarded contract by Constructing Quartermaster to const. fence at Lobos Creek, Presidio.

SAN FRANCISCO—Until June 25, 11 a. m., bids will be rec. by U. S. Engineer Office, 85 2nd St., under Order No. 5383-590, to fur. and del. 20 gals. turpentine substitute, in 5-gal. cans; 3 gals. grey engine enamel.

HALLS AND SOCIETY BUILDINGS

Plans Being Figured—Blds Close July 7, 11 a. m.
MEMORIAL HALL Cost, $—
PITTSBURG, Contra Costa Co., Cal. 8th and East Streets.
Frame memorial hall.
Owner—County of Contra Costa, J. H. Wells, county clerk.
Architect—Benj. G. McDougall, 353 Sacramento St., San Francisco.
Cert. check 10% payable to clerk of the Board of Supervisors required. Plans obtainable from county clerk or architect on deposit of $10, returnable.

Plans To Be Prepared.
FRATERNITY HOUSE Cost, $65,000
BERKELEY, Le Conte St.
Two-story and basement class C brick fraternity house with terra cotta tile roof.
Owner—Delta Epsilon.
Architect—W. H. Ratcliff, Mer. Trust Bldg., San Francisco.

Figures To Be Taken This Week.
ALTERATIONS Cost, $60,000
SAN FRANCISCO, China Town.
Alterations to brick club bldg.
Owner—Withheld.
Architect — Chas. E. Rogers, Phelan Bldg., San Francisco.

TUSCON, Ariz.—Archt. H. O. Jaastad, 96 N Stone Ave., has announced that the Scottish Rite Bldg. Assn. has ordered the constr. of an additional story for the proposed 2-story modern business bldg. to be erected at n.e. cor. Broadway and Scott St. There will be several stores on the ground floor with 65 hotel rooms above. Brick and cement construction.

RIVERSIDE, Riverside Co., Cal. — Archt. Robert H. Spurgeon has completed plans for the new Mission style bldg., 100x80 ft., to bbe erected at Market and 11th Sts., for the Labor Temple Assn. It will be 2-story, containing 3 stores, 2 assembly halls, 4 committee rooms, stages, etc. There will be a basement. Reinf. conc. class A constr. Work is planned to be under way by Christmas. A. J. Tingleaf is president of the association.

MERCED, Merced Co., Cal.—Merced Woman's Club has decided to erect an entirely new club building in the park on Bear Creek. Plans and spec. will be prepared at once.

PASADENA, L. A. Co., Cal. — Pasadena Lodge, Order of Elks, have organized a committee to raise funds for erecting a 3-story industrial home bldg at 32 N Delacy St., Pasadena, for the Pasadena division of the Salvation Army. Cost, including site, $65,000.

MONTEREY, Monterey Co., Cal. — Del Monte Properties Co., 620 Market St., San Francisco, contemplates the erection of a clubhouse and a new eighteen hole golf course at Cypress Point in Monterey. F. B. Morse is president of the company.

LONG BEACH, L. A. Co., Cal.—J. C. Fishback, 12 Cedar Way, Long Beach, has started work on a $65,000 3-story brick store and lodge bldg. at 1320 Elm Ave., Long Beach, for the Order of Moose. Found. 50x96 ft., full basement, cafeteria, two stores, lodge rooms, dining rooms.

MEXICO—Archt. H. L. Gogerty, 413 Marine Bank Bldg., Long Beach, has prepared plans for a group of club bldgs. to be erected on the island of Palmito Del Verde, six miles off the coast of Mexico, below the south end of Lower California, for the Teacapan Tropical Club. D. W. Callaghan, owner and manager. Work on the foundation of the $65,000 main bldg. has been started under the direction of the club's engineer. Brick constr., stucco exters., tile rf., conc. fls., Main bldg. unit, 70x100 ft., will have clubrooms, kitchen and service depts. wings, water tower, garages, storerooms. Hotel unit will have two wings each 300 by 30 ft. The two service wings will be 20x140 ft .each. Club office, 614 Pac. S. W. Bldg., Long Beach.

LONG BEACH, L. A. Co., Cal.—Long Beach Aerie No. 791, Order of Eagles, D. W. Callaghan, president, has appointed a committee to promote the erection of a new clubhouse.

SAN PEDRO—George H. Peck has presented to the Knights of Pythias 3 lots at 19th and Crescent Sts. as site for a new lodge bldg.

LONG BEACH, L. A. Co., Cal.—W. G. Reed, 814 Pac. S. W. Bldg., Long Beach has started work on the $360,000 5-sto. club bldg. at 550 Pacific Ave., Long Beach, for the Young Women's Christian Assn. Julia Morgan, San Francisco archt. Brick constr., found. 150x200 ft., tile roof.

HOSPITALS

Blds Wanted.
BRICK ADDITION Cost, $40,000
SAN FRANCISCO, Anza St., and 6th Avenue.
One-story and basement brick, surgery and clinic addition to hospital.
Owner—French Hospital.
Architect—Fabre and Hildebrand, 110 Sutter St., San Francisco.

Plans To Be Prepared.
BUILDING Cost. $30,000
LIVERMORE, Alameda Co., Cal.
One-story frame and rustic service building at County tubercular sanitarium, Del Valle Farm.
Owner—County of Alameda.
Architect—Henry H. Meyers, Kohl Bldg San Francisco.

Construction Started.
HOSPITAL Cost, $40,000
STANDARD, Tuolumne Co., Cal.
Owner & Builder—Standard Lumber Co Standard, Cal.
Architect—Wm. Mooser, Nevada Bank Bldg., San Francisco.

BAKERSFIELD, Kern Co., Cal. — Until July 7, 10 a. m., blds will be rec. by F. E. Smith, county clerk, for work in connection with Kern General (County) Hospital. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. Segregated bids are wanted for (1) refrigerators; (2) refrigerator plant; (3) sterilizers; (4) metal cabinets; (5) kitchen equipment; (6) window shades. Cert. check 10% payable to clerk req. Plans obtainable from architect. **See call for bids under official proposal section in this issue.**

OAKDALE, Stanislaus Co., Cal.—F. W. McKibbon, J. A. Young and E. F. Hagedorn, physicians of Oakdale, plan to finance construction of community hospital with assistance of Chamber of Commerce. Preliminary plans for the proposed structure, estimated to cost $12,000, have already been approved.

SACRAMENTO, Cal.—Until July 7, 10 a. m., bids will be rec. by Howard K. Johnson, county clerk, to make general steam and electrical hook-up for Sacramento county hospital buildings. R. A. Herold, architect, Forum Bldg., Sacramento. Cert. check 10% payable to Chairman of Bd. of Sups. req. Plans obtainable from architect. **See call for bids under official proposal section in this issue.**

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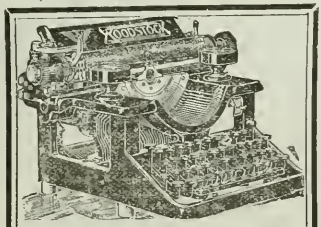

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BEAUMONT, Riverside Co., Cal.—Supervisoral committees for Imperial, Orange and Riverside counties have tentatively selected a tract of land on the Oak Glen Rd. as site for the proposed tri-county tuberculosis hospitals.

PIXLEY, Tulare Co., Cal.—Dr. Verdo B. Gregory, formerly of Hemet, Calif., has purchased site in Woodland Acres and plans early construction of first unit of Central California Sanitoriums. It is proposed to expend $20,000 in the construction of the first unit.

HOTELS

LANKERSHIM, L. A. Co., Cal.—Dr. C. W. Hirey, 5208 Lankershim Blvd., Lankershim, is pres. of a body of citizens undertaking the campaign to finance and erect a class C hotel on a site 125x300 ft. on Lankershim Blvd. s of 4th St., Lankershim. The bldg. will probably be 3-story and will contain about 40 rms. to be divided into single apartments and hotel rooms. H. J. Penfield and Roy L. Forsyth, 5219 Lankershim Blvd., Lankershim, are interester in the project.

SANTA ROSA, Sonoma Co., Cal. — Chamber of Commerce has appointed committee to submit report on ways and means to finance construction of a modern hotel building. A structure costing $500,000 is contemplated. Henry H. Nelson, who recently disposed of his interests in the Occidental Hotel at Santa Rosa, has agreed to put $100,000 into the project. Others interested in the project include Frank P. Doyle, banker and president of the Chamber of Commerce and Fred T. Rosenberg, merchant and owner of the Rosenberg Bldg., in Santa Rosa. T. P. Morehead, associated with the H. L. Stevens Co., hotel financiers, is conferring with the chamber regarding the proposed structure.

LOS ANGELES, Cal.—Archts. Walker & Eisen, 701 Great Republic Life Bldg., have completed plans and are taking bids for erecting a 12-story and basement class A hotel bldg. on Vine St. south of Hollywood Blvd. for Jacob Stern, H. Danziger and associates. It will contain 200 rooms each with private bath; dimensions, 100x150 ft., reinforced conc. construction, pressed brick and terra cotta facing, plate glass, marble and tile work, hardwood trim, steam htg., elevators.

ICE AND COLD STORAGE PLANTS

YUMA, Ariz.—Hartley Bros. Ice & Cold Storage Co. is planning to add a 20-ton ice unit to the company's plant which was recently moved from Somerton. Est. cost $50,000. Seth Hartley, manager.

POWER PLANTS

LOS ANGELES, Cal.—Frank E. Smith San Francisco, awarded contract by pub. service comm. June 10, at $2037.60 (on alternate 1) for switchboard instruments for Hollywood sub-station No. 6, under spec. P-328.

SEATTLE, Wash.—Until June 20, 10 A. M., bids will be rec. by Wm. D. Freeman, city purchasing agent, to fur. 60,000 lbs. No. 6, 40,000 lbs. No. 4, 10,000 lbs. No. 2, 10,000 lbs. No 1 and 20,000 lbs. 4/0 T. B. W. P. copper wire and 5,000 lbs. of 350,000 and 5,000 lbs. 500,000 c. m. stranded copper wire. Bidder to state whether delivery by all-rail shipment or via Panama Canal. Consideration will be given at time of award for early delivery.

TACOMA, Wash.—J. B. Murphy, Arcade Bldg., Seattle, at $199,215 submits low bid to City Commissioners to const. Lake Cushman Municipal Power plant. Other bids: Rounds and Son, Seattle, $247,032; Guthrie Co., Portland, Ore., $312,350. Taken under advisement. J. L. Stannard, ch. eng. for project.

SEATTLE, Wash.—Until June 20, 10 a. m., bids will be rec. by Wm. D. Freeman, city purchasing agent, to fur. 10,000 8-pin cross arms. Consideration will be given at time of award for early delivery.

MERIDIAN, Colusa Co., Cal.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, will expend $32,200 in reconstructing Meridian sub-station to meet increased demands for power.

PUBLIC BUILDINGS

EUREKA, Humboldt Co., Cal.—Bids will be asked at once by Fred M. Kay, county clerk, to paint interior and exterior of county courthouse. Frank T. Georgeson, architect, Eureka. Bids will probably be opened July 1.

VALLEJO, Solano Co., Cal. — F. P. Roberts, Vallejo, at $110 submits low bid to city council to paint Phoenix fire house in South Vallejo. Other bids, taken under advisement, were: E. Marchland, $275; J. F. Wallace, $173; Barnewitz Painting and Decorating Co., $250.

The following bids were received on June 12th, 1924 at the office of the Secretary of the Board of State Harbor Commissioners, Room No. 17, Union Depot and Ferry House, San Francisco, California for painting portions of the Ferry Building at San Francisco:

(a) Painting main nave at North end of Ferry Bldg.; (b) painting main nave at south end of Ferry Bldg.; (c) painting rear nave, ramp leading to ferry on second floor:

J. H. Dever, (a) $1700; (b) $1576; (c) $2478.

J. R. Kissel, (a) $2750; (b) $2750; (c) $1900.

R. Zelinski, (a) $2180; (b) $2072; (c) $2950.

C. B. Sovig, (a) $2448; (b) $2244; (c) $2885.

EUGENE, Ore.—Until July 3, 2 P. M., bids will be rec. by L. H Johnson, sect'y., Board of Regents, University of Oregon, to erect science building on campus; will be 3-story, brick and mill construction, 50 by 123 ft., est. cost, $50,000. Segregated bids wanted for (1) general work; (2) plumbing; (3) heating; (4) electric work. Lawrence & Holford, architects, 1021 Chamber of Commerce Bldg., Portland.

NO BOY likes to work.
AND ALL boys.
WILL SPEND more time.
PLANNING TO save work.
THAN IT takes.
TO DO the job.
RECENTLY SOME 1924 model boys.
HAD SOME mules.
TO CURRY and clean.
SO THEY "confiscated."
THEIR FOLKS vacuum cleaner.
INSTALLED A larger motor.
AND THE mules.
BEGAN TO shine.
SANDY PRATT, President.
OF THE Pratt Building Material Co.
PRODUCER OF hard crushed rock.
AND CLEAN, sharp sand.
AT PRATTROCK, near Folsom.
MARYSVILLE AND Sacramento.
ALSO PRATTCO (Monterey County).
USED TO curry mules.
WHEN AS a boy he worked.
ON A Tulare County ranch.
AND SANDY Pratt.
WOULD HAVE welcomed.
A "VACUUM cleaner" curry-comb.
FOR EIGHT mules to curry.
IS SOME job.
BUT BACK to the boys.
OF 1924.
AND THE modern curry-comb.
ALL WENT well.
'TILL "MAUDE" or mule No. 5.
WAS TO be cleaned.
MAUDE PREFERRED the old curry-comb.
AND KICKED so much.
THAT THE high powered wires.
BECAME SHORT circuited.
AND THE electric current.
KILLED HER.
AND IT took the boys.
TWO DAYS of digging.
TO MAKE a grave.
LARGE ENOUGH for a mule.
SO SANDY Pratt, producer.
OF SAND, rock and gravel.
THINKS THE curry-comb.
IS THE thing.
TO USE on a mule.
IF HER name is Maude.

Maude, who didn't like a "vacuum cleaner" curry-comb. This photo was made at Prattrock, near Folsom, (home of Sandy Pratt's crushed rock, washed gravel and rock screenings plant), just before Maude crossed the wires and the "great divide."

SPRECKELS, Monterey Co., Cal.—Until June 23, 5 P. M., bids will be rec. by W. F. Johnston, clerk, Spreckels Grammar School District, Scale House, Spreckels, to paint Spreckels Grammar school. Specifications obtainable from clerk at Spreckels.

EUREKA, Humboldt Co., Cal.—Until July 1, 10 a. m., bids will be rec. by Fred M. Kay, county clerk, to paint and remodel county courthouse. Cert. chk. 10% req. with bid. Specifications on file in office of clerk. F. T. Georgeson, architect, Eureka.

RESIDENCES

Plans Being Prepared.
RESIDENCE Cost, $12,000
UNIVERSITY OF CAL. CAMPUS, Santa Clara Co., Cal.
Two-story frame and stucco 8-room residence.
Owner—Withheld.
Architect—Birge M. Clark, 600 Embarcadero, Palo Alto.

June 13, 1924

Plans Being Prepared.
RESIDENCE Cost, $9000
NEAR WOODSIDE, Santa Clara Co.
One-story stucco and frame residence (7 rooms).
Owner—Withheld.
Architect—Birge M. Clarke, 600 Embarcadero, Palo Alto.

Plans Being Prepared.
RESIDENCE Cost, $17,000
UNIVERSITY OF CALIF. CAMPUS, Santa Clara Co., Cal.
Two-story frame and stucco 12 room residence.
Owner—Withheld.
Architect—Birge M. Clarke 600 Embarcadero, Palo Alto.

Contract Awarded.
RESIDENCE Cost, $9500
MENLO PARK, San Mateo Co., Cal.
One-story frame and stucco 7-room residence.
Owner—Mrs. Braden.
Architect—Birge M. Clark, 600 Embarcadero, Palo Alto.
Contractor—Frank Fox, Palo Alto.

Plans Being Figured.
RESIDENCE Cost, $12,000
PETALUMA, Sonoma Co., Cal.
Two-story shingled colonial 10-room residence.
Owner—E. H. Maggard.
Architect—Warren G. Perry, 260 Calif. St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $15,000
BERKELEY, Alameda Co., Avalon Ave.
Two-story frame and stucco 10-room Spanish design residence with tile roof.
Owner—Geo. P. Baxter.
Architect—Warren G. Perry, 260 Calif. St., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $10,000
NAPA, Napa Co., Cal.
Two-story stucco and frame 9-room residence.
Owner—James G. Noyes.
Architect—Warren G. Perry, 260 Calif. St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $13,000
BERKELEY, Alameda Co., La Loma Avenue.
One and 2-story frame and stucco Spanish residence with tile roof (9 rooms).
Owner—Prof. E. C. Talman.
Architect—Warren G. Perry, 260 Calif. St., San Francisco.

Plans Being Figured.
RESIDENCE Cost, $15,000
BERKELEY, Alameda Co., Avalon Ave.
Two-story frame and stucco 10-room residence of Spanish architecture (tile roof).
Owner—S. M. Mark.
Architect—Warren G. Perry, 260 Calif. St., San Francisco.

Bids Under Advisement.
RESIDENCE Cost, $40,000
SAN FRANCISCO, Pacific Ave.
Three-story and basement frame and stucco residence (13 rooms) terra cotta tile roof.
Owner—Mrs. E. A. Drexler.
Architect—Warren G. Perry, 260 Calif. St., San Francisco.

Construction Under Way.
RESIDENCE Cost, $12,000
LOS ALTOS, Santa Clara Co., Cal.
Two-story 9-room frame residence.
Owner—Mrs. H. C. Lunt.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., San Francisco.

Contract Awarded.
RESIDENCES Cost, $21,000
SAN FRANCISCO N Castena Ave 96 136 E Montalvo.
Three 2-story and basement frame residence.
Owner — O. M. Heuter, 806 Flatiron Bldg., San Francisco.
Architect—H. G. Stoner, 1st Natl. Bk. Bldg., San Francisco.
Contractor—Boxton & Zweig, 809 Flat Iron Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, $13,000
BERKELEY, Alameda Co., La Loma Avenue.
One and two-story frame and stucco Spanish residence with tile roof (9 rooms).
Owner—Prof. E. C. Talman.
Architect—Warren G. Perry, 260 Calif. St., San Francisco.
Contractor — Tramnal & Bradhoff, 483 Crescent St., Berkeley.

Contract Awarded.
RESIDENCES Cost, $28,000
BURLINGAME, E S Highway & Oxford Rd.
Four 2-story residences.
Owner—Harry B. Allen, Inc., 168 Sutter St., San Francisco.
Contractor—Earl B. Betz, 168 Sutter St. San Francisco.

Contract Awarded.
RESIDENCE Cost, $13,000
SAN FRANCISCO, SE 38th Ave. and Shoreview.
Two-story and basement frame residence.
Owner—Ralph Myers, 821 Balboa Bldg., San Francisco.
Architect—Erle J. Osborne, 821 Balboa Bldg., San Francisco.
Contractor — Ed. Zinkand & Son, 434 10th Ave., San Francisco.

Figures To Be Taken Shortly.
RESIDENCE Cost, $18,000
OAKLAND, Lakemont.
Two-story and basement frame and stucco residence.
Owner—Clifford Adams.
Architect—Miller & Warnecke, Artico Bldg., Oakland.

Segregated Figures Wanted.
COUNTRY HOUSE Cost, $12,600
LOS GATOS, Santa Clara Co., Cal.
Two-story frame and stucco country house (8 rooms).
Owner—A. Petrini.
Architect—H. A. Minton, Bank of Italy Bldg., San Francisco.

Segregated Bids Wanted.
COUNTRY HOUSE Cost, $20,000
LOS GATOS, State Highway.
Two-story frame and stucco country house.
Owner—James A. Bachagalupi.
Architect—H. A. Minton, Bank of Italy Bldg., San Francisco.

Contract Awarded.
RESIDENCE Cost, $40,000
SAN FRANCISCO, Pacific Ave.
Three-story and basement frame and stucco residence (13 rooms) terra cotta tile roof.
Owner—Mrs. E. A. Drexler.
Architect—Warren G. Perry, 260 Calif. St., San Francisco.
Contractor—Grace & Bernierl.

Contract Awarded.
RESIDENCE Cost. approx. $18,000
OAKLAND, Alameda Co., Cal. Lakemont.
Two-story and basement frame and stucco residence.
Owner—Clifford Adams.
Architect — Miller & Warnecke, Artico Bldg., Oakland.
Contractor—Leo. F. Kocheudorfer.

Bids Wanted.
RESIDENCE Cost, $20,000
SACRAMENTO, Cal. Forty-fifth St.
Two-story and basement brick residence.
Owner—Councilman Royal Miller.
Architect—Dean & Dean, Calif. State Life Bldg., Sacramento.

Bids Wanted.
RESIDENCE Cost, $16,000
SACRAMENTO, Cal. Fortieth Street.
Two-story frame and stucco residence and garage.
Owner—Wm. Hart, Sacramento.
Architect—Dean & Dean, Calif. State Life Bldg., Sacramento.

Contract Awarded.
RESIDENCE Cost ,$13,000
SAN FRANCISCO, Hernandez St., Forest Hill.
One-story 7-room frame and cement residence and garage.
Owner—Withheld.
Architect — Fabre & Hildebrand, 110 Sutter St., San Francisco.
Contractor—Fred H. Field.

Contract Awarded.
RESIDENCES Cost, $18,515.55
BERKELEY, Euclid Ave at Rose St.
Two 2-story and basement frame residences and garages.
Owner—Dr. B. Frank Gray, 1406 Euclid Ave., Berkeley.
Architect — Henry H. Gutterson, 526 Powell St., S. F.
Contractor—J. B. Malmstrom, 2326 27th Ave., Oakland.

DURO
California Cedar Products Co.

All-Key Plaster Lath
(Patented)
100% Mechanical Key.

Plaster Wall Board
(Patent applied for)
The Last Word in Wall Board.

CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

Contract Awarded.
RESIDENCE Cost, $13,168
PIEDMONT, Lot 17 and 10 ft. Lot 18, Guilford Place, Piedmont.
Two-story 9-room residence & garage
Owner—T. I. Hoffman.
Contractor—C. M. MacGregor, 470 13th St., Oakland.

Plans Being Figured.
RESIDENCE Cost, $30,000
FRESNO, Fresno Co., Cal.
Two-story frame and stucco residence.
Owner—Mrs. A. B. Clark.
Architect — Swartz & Ryland, Rowell Bldg., Fresno.

Plans Being Figured.
RESIDENCE Cost, $20,000
ROSS, Marin County, Cal.
Two-story brick and concrete residence
Owner—Withheld.
Architect—Ashley & Evers, 58 Sutter St San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $16,000
SAN FRANCISCO, Ashbury Heights.
Two 1-story frame and stucco residences.
Owner—Withheld.
Architect—J. W. Dolliver, Monadnock Bldg., San Francisco.

SAN MARINO, L. A. Co., Cal.—J. Harold Weller, 716 S Spring St., has the rontract to erect a 12-room residence at San Marino, for Frank B. Badgley. Johnson, Kauffman & Coate, 607 Union Bank Bldg., archts. Hillman system, hollow conc. walls, 1-story and basement, white washed exter., tile rfg., hardwood fls., gas unit htg. system, aut. water htr., 3 tiled baths, tile terrace, living room, book room and dining room, pine and hardwd. trim; $30,000.

LOS ANGELES, Cal.—Stanton, Reed & Hibbard, 620 Metropolitan Bldg, have been commissioned to prepare plans for 750 residences to be erected on a 60-acre tract adjoining the factory site for the same owner. The houses will contain four and five rooms each and will be of frame and plaster construction.

SCHOOLS

Plans Being Figured.
SCHOOL Cost, $30,000
VINA, Tehama County, Cal.
Four-classroom and auditorium reinforced concrete school.
Owner—Vina School District.
Architect—Cole & Brouchoud, Waterland-Breslauer Bldg., Chico, Cal.
Plans obtainable from architects on deposit of $25, returnable.

Plans Being Figured.
SCHOOL Cost, $45,000
RED BLUFF, Tehama Co., Cal.
Two-story and basement brick school.
Owner—Red Bluff School District.
Architect—Cole & Brouchoud, Waterland-Breslauer Bldg., Chico, Cal.
Plans are obtainable from office of architects on deposit of $25, returnable (50062) 1st report March 22; 3rd May

Plans to be Prepared.
GYMNASIUM Cost, $——
BURLINGAME, San Mateo Co., Cal.
Two-story gymnasium building.
Owner—Burlingame High School Dist.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

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STUMPS PULLED
LAND CLEARED
TREE SURGERY
EXPERT POWDER WORK
Trees Trimmed or Removed
Equipped with Stump Pullers and Power Saws
3212 Baker St., Berkeley, Calif.

Date of Opening Bids Postponed Until June 21st, 1924.
SCHOOL Cost, $12,000
RYER, Sacramento Co., Cal. Near Rio Vista.
One-story reinforced concrete school building with tile roof.
Owner—Ryer Island School District.
Architect—Dean & Dean, California State Life Bldg., Sacramento.

Date of Opening Bids Postponed Until July 12, 1924.
SCHOOL Cost, $40,000
POINT ARENA, Mendocino Co.
Owner — Point Arena Union High School.
Architect—Norman R. Coulter 46 Kearny St., San Francisco.

Contract Awarded.
SCHOOL Cost, $14,673
BOULDER CREEK, Santa Cruz Co., Calif.
One-story frame school building.
Owner—Boulder Creek School Dist.
Architect—N. W. Sexton, Chronicle Bldg., San Francisco.
Contractor—Miller & Van Horn, Redwood City.

FRESNO, Fresno Co., Cal. — Until June 26, 8 p. m., bids will be rec. by L. L. Smith, Secy. Board of Education, 2525 Tuolumne St., Fresno, to fur. slate blackboards for high school, approx. 1054½ sq. ft. being required, price to include installation. Cert. check 10% req. with each bid. Specifications obtainable from secretary.

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"Security CHECK PROTECTOR FOUNTAIN PEN"
The Steel Cutting Wheel on the end perforates and forces a red acid proof ink into the fibre of the paper, protecting the amount, payee's name date, number of check, and all kinds of negotiable papers.
NEW FROM END TO END
Most perfect writing instrument made.
PRICES
$3.50 to $7.00
COUNTY and GENERAL AGENTS WANTED
SECURITY SALES CO.
233 MONTGOMERY STREET
San Francisco, Calif.

CORCORAN, Kings Co., Cal.—Until June 27, 8 P. M., bids will be rec. by S. M. Barber, clerk, Corcoran Grammar School District, to erect one-story frame school. Cert. check 10% req. Plans obtainable from clerk.

RICHMOND, Contra Costa Co., Cal.—Richmond Grammar School District contemplates erection of school near Kensington Park bet. County Golf Club and Thousand Oaks on outskirts of Berkeley. W. T. Helms, city supt. of schools.

Sketches Being Prepared.
COLLEGE BLDGS. Cost, $160,000
OAKLAND.
First unit of group of college bldgs.
Owner—Mills College.
Architect—W. H. Ratcliff, Mer. Trust Bldg., Berkeley.

MADERA, Madera Co., Cal.—Date to open bids to restore wing and erect Science and Arts Building at Madera Grammar school, has been extended from June 19, 2:30 p. m. to June 26th 8 p. m. H. C. Austin clerk of district. Ernest J. Kump Co., architects, Rowell Bldg., Fresno.

LOVELOCK, Nevada — W. R. Moler, Lovelock, at $3325 awarded contract to erect gymnasium addition to Pershing county high school. Anderson and McShea, Winnemucca, bid $4369.

OJAI, Ventura Co., Cal. — Architect Albert C. Martin, 227 Higgins Bldg., has completed plans and is taking bids for erecting the first two units of a group of college buildings at Ojai, Ventura County, for the Augustinian Fathers. The buildings will be a dormitory building and a classroom building, fireproof construction, concrete brick and hollow tile, stucco exterior, clay tile roofing, gypsum block partitions, metal lath, steam heating. Cost, $100,000.

FRESNO, Fresno Co., Cal.—Ernest J. Kump Co., Fresno, is preparing plans for a one-story school building of several classrooms to be erected in the Pinedale school district, near Fresno. There will be offices, toilets, stage, dressing rooms, rest room, etc. Brick with stucco exterior, composition roof. The bond issues voted was $28,000.

SAN DIEGO, San Diego Co., Cal.—The Board of Education has approved plans by Architect Lincoln Rogers and his associate F. W. Stevenson, 533 Spreckels Bldg., San Diego, for the $250,000 auditorium for the high school group. It will be a granite exterior structure the main floor seating 1682, and balcony, 692.

BAKERSFIELD, Kern Co., Cal.—Until July 7, 8 P. M., bids will be rec. by Boyce R. Fitzgerald, Clerk, Kern County Union High School District, to fur. and install light fixtures in shops building at high school. Chas. H Biggar, architect, Bank of Italy Bldg., Bakersfield. Specifications on file with clerk and obtainable from architect. Cert. check 10% payable to Trustees of Dist. reqq. **See call for bids under official proposal section in this issue.**

BAKERSFIELD, Kern Co., Cal.—Until July 7, 8 P. M., bids will be rec. by Boyce R. Fitzgerald, clerk, Kern County Union High School District, for additions and alterations to Central Heating Plant of high school. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. Cert. check 10% payable to trustees of dist. req. Plans on file in office of clerk and obtainable from architect on deposit of $10, returnable. **See call for bids under official proposal section in this issue.**

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FAIRFIELD, Solano Co., Cal.—Until June 27, 2:30 p. m., bids will be rec. by E. L. Dearborn, clerk Fairfield Grammar school at Deleware and Madison Sts. Specifications obtainable from clerk.

WOODLAND, Yelo Co., Cal. — Until July 8, bids will be received by Trustees of Woodland High School District to fur. and install special fixtures in high school building. W. H. Weeks, architect, 369 Pine street, San Francisco. Specifications obtainable from architect.

MIDWAY, Kern Co., Cal.—Until July 8, 12 M, bids will be rec. by P. E. Williams, clerk, Midway School District, to erect domestic science cottage and additions and alterations to kindergarten building. Chas. H. Biggar, architect, Bank of Italy Bldg., Bakersfield. Cert. check 10% payable to Trustees of District req. Plans obtainable from architect on deposit of $10, returnable.

SAN JOSE, Santa Clara Co., Cal.—Until July 7, 7:30 P. M. bids will be rec. by Walter L. Bachrodt, sect'y., Board of Education, for plaster repairs at Horace Mann school. Specifications on file in office of City Sup't of Schools.

SAN FRANCISCO—J. C. Schultheis, at $1380 awarded contract by Board of Public Works for alterations to shooting gallery in Galileo high school at Van Ness Avenue and Francisco St. Other bids were: Herman H. Allensleben, $1647; Wm. Bruce, $1933.

LA JOLLA, San Diego Co., Cal. — Work has started on the additions to the La Jolla high school, under the directions of Archt. W. Templeton Johnson, 502 Timken Bldg., San Diego. The additions will include an auditorium and several class rooms, lockers, etc. About $100,000 was apportioned from the San Diego city school bond issue for this work.

SANTA ANA, Orange Co., Cal.—Board of Education has purchased three sites for schools. They are: n.e. cor. Washington Ave. and Baker St. (3 acres), cor. McFadden and Malliday Sts., (3 acres), Edinger St., bet. Parton St. and Van Ness Ave. (12 lots). They will be utilized for additional schools to serve the district mentioned.

WATSONVILLE, Santa Cruz Co., Cal. —Until June 30, 7:30 p. m., bids will be rec. by T. S. MacQuiddy, secy. Watsonville School District, to erect addition to Lake Avenue school. Wyckoff and White, architects, Growers' Bank Bldg., San Jose. Cert. check 5% payable secy. req. Plans obtainable from architect.

FRESNO, Fresno Co., Cal. — Until June 26, 5 p. m., bids will be rec. by L. L. Smith, secy. Board of Education, 2525 Tuolumne St., Fresno, to fur. for Alexander Hamilton, Jr. High School, (1) 250 more or less single pedestal desks, No. 2; (2) one doz. more or less teacher's revolving chairs; (3) one doz. more or less teacher's desks. Bids will be considered for single pedestal desk or an alternate. Samples must be furnished before opening of bids. Cert. check 10% payable to Pres. of Bd. of Educ. req.

HUNTINGTON BEACH, L. A. Co., Cal —Archt. John C. Smith, 325 H. W. Hellman Bldg., is completing plans for a domestic science and cafeteria bldg. to be erected at Huntington Beach, for the Huntington Beach grammar school. Segregated bids will be taken soon from local contractors. One-story 50x165 ft., brick walls, terra cotta trim, struc. steel, comp. rfg., tile sinks, comp fls., O. P. trim, conc. walks.

TORMEY, Contra Costa Co., Cal—Until July 7, 7 p. m., bids will be received by C. Richards, clk. Selby School Dist., for alterations and one classroom addition to Selby school. Norman R. Coulter, architect, 46 Kearny St., San Francisco. Cert. check 10% payable to Board of Trustees of Dist. req. Plans obtainable from architect on deposit of $10.

MONTEREY, Monterey Co., Cal.—Geo. Dean, Monterey, at $4138, awarded contract by Monterey School District, to erect 2 temporary school rooms. Other bids were: Percy Parks, Carmel, $4600; Wm. Sweeney, Pacific Grove, $5320. Marshall A. Dean, architect, 325 Pine Ave., Pacific Grove.

BERKELEY, Alameda Co., Cal.—Until June 28, 9 a. m., bids will be rec. by Regents of the University of California for concrete work for training quarters in California Memorial Stadium. John Galen Howard and Associates, architects, First National Bank Bldg., San Francisco. Cert. check 10% payable to Regents req. Plans obtainable from architects on deposit of $10, returnable. **See call for bids under official proposal section in this issue.**

REDONDO, Cal. — Archt. Frank M. Goodwin, Compton, has prepared preliminary plans for a new grammar school bldg. to be called the North School. Bonds in the sum of $275,000 have been voted and sold to erect the bldgs.

MONROVIA, L. A. Co., Cal.—Archts. Allison & Allison, 1405 Hibernian Bldg. are preparing plans for a new grade school bldg. to be erected on N Mayflower Ave., Monrovia, for Monrovia school district. It will contain 8 class rooms, kindergarten and auditorium; brick construction, 1-story and part 2-story, plas. exterior, clay tile rfg.; $116,000.

WHITTIER, L. A. Co., Cal.—Archt. A. S. Nibecker, Jr., 625 Washington Bldg., is preparing plans for a 4-room side addition to grammar school to be erected at the Pico grammar school site near Whittier, for the Pico School District. There will be two 2-room additions, 1 on each end of present bldg., hollow tile walls, plaster exter., 1-sto., tile rfg., gas htg., blackboards, probably maple fls; bond issue to the amt. of $40,000 has been voted.

SANTA ROSA, Sonoma Co., Cal.—Until July 8, bids will be rec. by Santa Rosa High School District to fur. and install special fixtures in Santa Rosa high school building. W. H. Weeks, architect, 369 Pine St., San Francisco. Specifications obtainable from architect.

KELSEYVILLE, Lake Co., Cal.—The following bids were opened by the Board of Trustees of the Kelseyville Union High School District for the construction of a one-story and basement reinforced concrete high school building according to plans and specifications by Architect W. H. Weeks, 369 Pine St., San Francisco:

General Contract

C. N. Bostrom, Orland $52,400
Academic Bldg.
Add for audit. $31,600.
West Coast Constr. Co. 54,889
Add for audit. $35,584.
Campbell Constr. Co. 57,880
Add for audit. $34,400.
Cobby & Owsley 60,888
Add $36,980.
P. R. Ward 65,900
Add $35,200.
Kincannon & Walker 67,358
Add $36,742.

HEATING

T. J. Kennedy, Martinez $5047
Add for audit. $4951.
H. G. Newman 5682
Add 6436
Carl T. Doell 5688
Add $4858.
W. H. Picard 5915
Add $4740.

All bids are being held under advisement.

BERKELEY, Alameda Co., Cal.—Until July 1, 4 P. M., bids will be rec. by Clyde Blanchard, Sect'y., Board of Education, 2133 Allston Way., to fur. and del. manual training supplies and equipment for school year commencing July 1, 1914, and ending June 30, 1925. Cert. check 10% payable to Board of Education req. Lists of materials desired obtainable from Sect'y. on request.

BERKELEY, Alameda Co., Cal.—Until July 1, 4 P. M., bids will be rec. by Clyde Blanchard, Sect'y., Board of Education, 2133 Allston Way, for alterations to Science department of Berkeley High School, Allston Way and Grove street. Cert. check 10% payable to Board of Education required with bid. Plans obtainable from office of Sect'y. **See call for bids under official proposal section in this issue.**

STOCKTON, San Joaquin Co., Cal.—Until June 25, 4 P. M., bids will be rec. by Ansel S. Williams, Clerk, Board of Education, to install laboratory equipment, sewing room cabinets, construct boys' gymnasium locker rooms and locker rooms and dressing rooms for girls in high school. Louis S. Stone, architect, 357 Twelfth St., Oakland. Cert check 10% req. with bid. Plans obtainable from office of clerk, Lindsay and San Joaquin streets, Stockton, or from the architect.

SANTA MONICA, L. A. Co., Cal. — John I. Kane & Co., American Bank Bldg., were awarded the general contract at $92,489 for erecting a new class room and library bldg. at Santa Monica high school; Allison & Allison, 1405 Hibernian Bldg., archts. Plumbing was let to Ed. Manning at $4330 and electric work to Woodill-Patterson Co. at $1651. Heating bids were held under advisement. The bldg. will be brick construction, rug. brick facing, clay tile r. [illegible]

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3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

TAFT, Kern Co., Cal.—The following bids were opened at 7 o'clock P. M., by the Clerk of the Board of Trustees of the Taft School District for alterations and the completion of the present domestic science building into a new domestic science building under new units of the present high school building. Plans were prepared by Architect W. H. Weeks, 369 Pine St., San Francisco.

General Contract

Curry & Belger, Fresno (award)$43,500
Larsen-Siegrist Co. 49,500
Campbell Constr. Co. 45,486

Painting (1) Old Bldg; (2) New Bldg.

Gertle & Hinkle, Taft (awarded) (1) $2218; (2) $1671.
J. M. Abbott (1) $2900; (2) $2700.
R. Z. Zelinsky (1) $5295; (2) $2882.

Plumbing

Standard Plumbing Co., Taft, awarded $3067

Kitchen and Cafeteria Equipment

Taft Furniture & Hardware Co. (awarded) $4010
Fred F. Campbell..... 2893
Nathan-Dohrmann 3983

Marble

Jos. Musto Sons-Keenan Co. (awarded) $1769

Composition Flooring

Malott & Peterson, 2412 Harrison St., S. F. (awarded).....$271
Fibrestone Roofing Co. 300

Tile

Rigney Tile Co., Oakland (awarded) .....$ 6494
Curry & Belger, Fresno 11,000

Shades and Drapes

Herman Rumpf Co., Taft(awarded) $2322
Frederick & Sweet (1) $1950; (2) 1650
W. J. Sloane..... 2366

Electric Wiring

Newbery Elec. Co., Los Angeles (awarded) $1949

Electric Fixtures

United Elec. Co., Taft (awarded).$2205
Roberts Electric Co..... 3020
Boyd Electric Co..... 2790
Elec. Wiring & Constr. Co..... 3963

LOS ANGELES, Cal.—Archt. W. J. Saunders, 227 Laughlin Bldg., has prepared plans for a college bldg. to be erected at 918 W 16th St. for a Chiropractic College, Dr. Wood, president. It will contain classrooms and a large lecture hall; 3-story, 50x110 ft., frame and plas. construction, comp. rfg., pine trim, plumbing, wiring. Work will be done by the day.

CHICO, Butte Co., Cal.—Until July 1, 5 P. M., bids will be rec by Chas. H. Camper, Sect'y., Board of Education, to raise industrial building at Central school and construct thereunder a foundation. Cert. check 5% payable to secretary req. Plans obtainable from Board of Educ., Municipal Bldg., Chico.

Everett, Wash.—Archs. Morrison & Stimson, Lumber Exchange Bldg., Seattle, commissioned to prepare plans for junior high school in School District No. 1, Everett; est. cost, $150,000. This project is in addition to $250,000 junior high school previously reported, plans for which were prepared by the same architects.

SPRECKELS, Monterey Co., Cal.—Until June 23, 5 P. M., bids will be rec. by W. F. Johnston, clerk, Spreckels Grammar School District, Scale House, Spreckels, to furnish and erect three fire escapes on Spreckels Grammar School. Specifications obtainable from clerk at Spreckels.

LOS ANGELES, Cal.—John I. Kane & Co., American Bank Bldg., Los Angeles, were low bidders at $78,989 on the general contract for erecting the new Edison elementary school, 6th St. and Maine Ave., Long Beach. Other low bids were: W. G. Reed, plastering, $11,594.52; E. A. Lindgren, painting, $4000; Economy Plbg. & Htg. Co., plumbing, $8487.50; Hickman Bros., htg. and ventilating, $11,048; Jensen Elec. Co., wiring, $2485. H. A. Gogerty, 413 Marine Bank Bldg., Long Beach and Noerenberg & Johnson, L. A. Ry. Bldg., L. A., assoc. archts.

CORNING, Tehama Co., Cal.—A. J. Symonds, Corning, at $14,148 awarded contract by Corning High School District to erect gymnasium building. Wollett and Lamb, architects, Mull Bldg., Sacramento.

COVINA, Los Angeles Co., Cal.—Architects Train & William, 226 Exchange Bldg., have completed plans for a two-story and basement auditorium and classroom building to be erected at Covina high school. Reinforced concrete construction. Cost, $150,000. The validity of the bond issue has been established by a decision of the district court of appeals and bids for erecting the building will be taken shortly.

MODESTO, Stanislaus Co., Cal.—Bids will be asked shortly by trustees of Rising Sun Joint School District to construct 2-classroom and auditorium addition to present school for which bonds of $17,000 were voted.

McFARLAND, Kern Co., Cal.—Graham and Sons, Dinuba, at (a) $51,525 for 6-room and at (b) $45,110 for 4-classroom and auditorium, submitted low bid to McFarland School District, to erect new school. Anderson and Fisher, Bakersfield, low for heating at $3675. J. M. Saffell, architect, 924 19th St., Bakersfield. Complete list of bids follows:

General Construction

Graham and Son, Dinuba, (a) $51,525; (b) $45,110.
A. E. Noble, Visalia, (a) $55,305; (b) $48,090.
Fisher & McNulty, Fresno, (a) $58,836; (b) $54,110.
F. H. Deguine, Shafter, (a) $54,835; (b) $48,610.
Earl Bowen, Strathmore, (a) $56,126; (b) no bid.
Templeton Bros., Porterville, (a) $55,-120; (b) $48,981.
Jolly and Jolly, Fresno, (a) $56,176; (b) $49,512.
Zimmerman and Lindsley, Bakersfield, $60,000; (b) no bid.
Henry Eissler, Bakersfield, (a) $55,000; (b) $46,500.
R. B. Burness, Tulare (a) $51,899; (b) $46,134.
Wm. Eissler, Bakersfield, (a) $52,500; (b) $46,800.
Currie and Dulgar, Bakersfield (a) $57,000; (b) $54,500.
Bid of Graham and Son taken under advisement.

Heating

Anderson & Fisher, Bakersfield ..$3675
Newman, Fresno 3820
Stone 3947
Tulare Plumbing Co., Tulare..... 3977

LOS ANGELES, Cal.—J. F. Kobler, 507 N Serrano St., was low bidder at $53,917 on the general contract for erecting a new bldg. at Utah St. school site. Low bidders on other contracts were: Alhambra Wall Paper & Paint Co., on the painting at $1313; Hickman Bros. on heating and ventilating at $5889; American Electric Constr. Co. on wiring at $1564.90; G. C. Sutton on plumbing at $5414.

LEMOORE, Kings Co., Cal.—"Kutners," Hanford, at $1995 submits low bid to trustees of Lemoore Union High School District to fur. and lay approx. 1100 sq. yds. of linoleum in high school. Other bids, taken under advisement, were: Hanford Furniture Company, of Hanford, $2039; Kutners, Hanford $1995 W. J. Sloane, San Francisco, $2187.34; D. & E. Walter, San Francisco, $2661.50 and C. C. McMillan, Fresno, $2400.

PALO ALTO, Santa Clara County, Cal.—The following bids were opened June 12th at 7:30 P. M. by the Clerk of the Board of Education of the Palo Alto City School District for furnishing the required labor and materials for building the proposed school building according to plans and specifications by Architects Allison & Allison of Los Angeles and Birge M. Clark, 600 Embarcadero, Palo Aleo:

Excavating, Concrete, Carpenter, Iron, Masonry and Cast Stone Work

Cobby & Owsley, 74 New Mont. St., San Francisco $68,349
Cochrane & Boehm 71,900
D. W. Baysinger 71,973
Sample & Cody 73,000
J. E. Branagh 74,497
West Coast Cons. Co. 75,053
Mitchell & Jackson 76,700
W. D. Henderson 83,644

Sheet Metal Work

Frank Davidson, prop. No. 1 (galvanized iron), $600; prop. No. 2 (copper), $1135. Oakland Machinery Co., (1) $1125; (2) $290. C. B. Spangler, (1) $500; (2) $700. Christensen Hdwe. & Plb. Co., (1) $937; (2) $535. Garden City Metal Wks, (1) $485; (2) $530. Cashel Bros., (1) $1218; (2) $710.50.

Composition Roofing

W. J. Porter, San Jose.....$268
Thos. H. Price 320
Mallott & Peterson 370

Tile Roofing

Gladding, McBean, San Francisco $3725
United Materials Co. 4055
F. R. Frazer & Co. 4200
W. J. Porter 4318

Plastering

J. H. Provanzano, Palo Alto....$ 8,972
John R. Bickel 10,972
A. Knowles 11,795
MacGruer & Simpson 11,809
Geo. Leith, Jr. 12,500
M. W. Overhal 13,869

Blackboards

F. W. Wentworth Co., San Francisco $2,536.00
Stewart School Supply Co. 2,612.50
Rucker-Fuller Co. 2,612.50

Painting

A. Quandt & Sons, San Francisco $4,765
T. W. Hocht 4,848
R. Zelinsky 4,896
Anton Anderson 5,016
James Stromer 5,550
W. M. Herman 5,900

Hardware

San Jose Hdwe. Co., San Jose..$2,386
Palo Alto Hdwe. Co. 2,492
Joost Bros. 2,495
Menner Lumber Co. 2,595
Christensen & Anderson 2,700
Palace Hdwe. Co. 2,894

Plumbing

Thos. R. Catton, Oakland $6,289
Turner Co. 7,180
F. W. Snook 7,390
Carl F. Doell 7,893
Cashel Bros. 8,120
W. H. Picard 8,700
Christensen Hdwe. Co. 8,945

Electrical Work

Butte Elec. & Mfg. Co., San Francisco $4,815
Gilbert Bros. 5,212
Turner Co. 5,380
Stanford Electric Co. 5,412
Roy M. Butcher 5,597
M. E. Ryan 5,600

Electric Clock and Program Bells

Pacific Electric Clock Co., San Francisco $498
International Time Record Co..... 591
Standard Electric Time Co. 710

Heating and Ventilating

H. E. Lauer, Palo Alto .....$ 9,233
Scott Co. 9,440
T. W. Wood, Inc. 9,601
Fred F. Studer 9,700
Geo. A. Schuster 9,948
F. W. Snook Co. 10,248
Turner Co. 10,260
T. V. Frazer 10,332
W. K. Nottingham 10,333
W. H. Picard 10,400
Carl F. Doell 10,844
Cashel Bros. 11,627

BANKS, STORES & OFFICES

Contract Awarded.
STORE BLDG. Cost, $18,000
SAN FRANCISCO, W Fillmore St. near Geary Street.
One-story class C store building.
Owner—Robert White Co.
Architect—W. H. Crim Jr. and Hamilton Murdock, 425 Kearny St., San Francisco.
Contractor—Ira W. Coburn.

Figures To Be Taken Next Week.
ALTERATIONS ETC. Cost, $25,000
SAN FRANCISCO, NE Corner Post and Kearny.
Alterations, repairs and interior decorations to bldg.
Owner—Dr. T. E. Schumate, 86 Post St. San Francisco.
Architect — —C. E. Gottschalk, Phelan Bldg., San Francisco.
Lessee—Paul T. Carroll.

To be Done By Days Labor.
BANK Cost, $20,000
YUBA CITY, Sutter Co., Cal., Plumas and Scott Streets.
One-story brick and reinforced concrete bank.
Owner — Producers Bank of Sutter County, Alvin Weis, President, Yuba City, Cal.
Architect—Dean & Dean, City Library Bldg., Sacramento.

Contract Awarded.
ALTERATIONS Cost, $30,000
SAN FRANCISCO, NW Montgomery & Sacramento.
All work except fire escapes, electric fixtures and window shades for alterations to 3-story frame bldg.
Owner—Rose M. Levy and Joe and Saul Goldstein.
Architect—G. A. Lansburgh, 140 Montgomery St., San Francisco.
Contractor—R. W. Moller, Call Bldg., San Francisco.

Working Drawings Being Prepared.
BANK & OFFICE Cost, $1,500,000
OAKLAND, Alameda Co., Cal., Broadway and 14th St.
Class A bank and office bldg. (17 stories.
Owner—Central National Bank.
Architect—Geo. Wm. Kelham, Sharon Bldg., San Francisco.
Engineer—H J. Brunnier, Sharon Bldg. San Francisco.
Plans will be ready for figures in about 6 weeks.

Completing Plans.
STORE & OFFICE Cost, $60,000
PALO ALTO, Santa Clara Co., Cal.
Two-story reinforced concrete store and office bldg. (9 offices on 2nd floor).
Owner — Fraser Drygoods Co., Palo Alto.
Architect — Birge M. Clark, 600 Embarcadero, Palo Alto.

Bids Wanted.
STORE BLDG. Cost, $20,000
SAN JOSE, 5th and Santa Clara Sts.
One-story reinforced concrete store building.
Owner—Cyril Lotz.
Architect—Binder & Curtis, 255½ S 1st St., San Jose.

Contracts Awarded.
BANK & OFFICE Cost, $250,000
STOCKTON, San Joaquin Co., Cal., Sutter St., near Main.
Ten-story class A bank and office bldg.
Owner—Commercial & Savings Bank.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Engineer—C. H. Snyder, 251 Kearny St. San Francisco.
Construction Mgrs. — Lewis & Green, Commercial Bank Bldg., Stockton.
Electrical work to Hild Mfg. Co., 517 Market St., San Francisco, $13,000.
Heating, ventilating and plumbing to Paul Harry, Stockton, at $36,000.

Bids for General Contract to be Taken Shortly.
BUILDING Cost, $75,000
OAKLAND, Alameda Co., Cal. Broadway S of Mosswood Park.
One-story steel frame reinforced concrete walls and floor (104x200).
Owner — Hebrank, Hunter & Peacock Co., 3020 Broadway, Oakland.
Architect — Wythe & Blains, Central Bank Bldg, Oakland.
Lessees — Hupmobile - Chandler and ClevelandAgencies.

SAN BERNARDINO, San Bernardino Co., Cal.—Architect De Witt Mitcham, 456 E St., San Bernardino, has completed plans for a Spanish style building, 180x135 feet, to be erected in this city to house the annual Orange Show. The interior will have arcades and will have a stage at one end. The structure will be of wooden arch truss type, on concrete base. Bids are to be taken at once. B. L. Holmes is president of the association.

LOS ANGELES, Cal. — Milwaukee Building Co., 315 Wright-Callender Bldg. is completing plans and has the contract on a cost plus basis to erect a class A store and office bldg. at s.w. cor. 10th and Flower Sts. for the Pan-American Security Co., 1015 Security Bldg. It is designed for 12-story, of which five or eight will be erected at present; reinf. conc. constr., about 165 by 100 ft; $500,000.

Figures to be Taken in Two Weeks.
STORE BLDG. Cost, $50,000
SACRAMENTO, Cal. 12th and K Sts.
One-story and basement brick and terra cotta store building.
Owner—Allison Ware Co., Chico.
Architect—Dean & Dean, Calif. State Life Bldg., Sacramento.

Plans Prepared.
BLDG. & ADDITION Cost, $3,000,000
SAN FRANCISCO, in block bounded by Mission, Market, 4th and 5th Sts.
Ten-story and basement class A service building and 3-story fireproof addition to rear section of main "Emporium" building.
Owner—The Emporium.
Architect—Morris M. Bruce, Flood Bldg San Francisco.
New construction calls for the utilization of one piece of the frontage, approximately 150x160 ft. in area, for the erection of a building ten stories in height, with two basements, on a number of floors of which will be parking space to be devoted to the parking of automobiles of customers. The accommodations alloted in the original plans will provide space for from 700 to 1000 cars. in addition to parking space, accommodations for the comfort of the shopping public will be provided. In addition this will house the delivery, marking rooms, manufacturing departments, service shops, including carpenter, plumbing, paint shops, together with receiving room and employes' quarters. Following the completion of the new structure, the main building and service building will be raised to carry additional stories, bringing the main structure, now 3 stories, up to seven stories. Only the facade and front section are seven stories at the present time. The dome of the main structure will be elevated and on the seventh floor reconstructed over an assembly hall to seat 1200 persons. Hall will be equipped with pipe organ and large stage.

SANTA BARBARA, Santa Barbara Co., Cal.—J. Y. Parker, Santa Barbara contractor, will erect for himself a reinf. conc. and hollow tile, automotive bldg., 125x200 ft. on Gutierrez St., bet. State and Chapala Sts. The bldg. will have steel truss roof. Mission style architecture. The bldg. will be leased to firms handling various lines in the automobile business. Work will start at once.

WHARVES AND DOCKS

SAN FRANCISCO—Until June 26, 2 p. m., bids will be rec. by State Board of Harbor Commissioners, Ferry Bldg., to furnish materials and paint sheet metal work and steel sash on Piers Nos. 29 and 31. Cert. check 5% payable to Secretary of Board req. Plans obtainable from Frank G. White, chief engineer for commission, Ferry Bldg.

LOS ANGELES, Cal.—C. J. Colden, pres. of the harbor commission, has announced that engrs. are preparing plans and specifications for approx. 13 mi. of additional slips and berths in the harbor dist. Three large piers have been planned for that portion of the outer harbor known as the proposed submarine base just inside the breakwater. Slips in that location will be dredged to a depth of 40 ft. The total berthing space made available by these three piers will be about 14,000 ft. Improvements in the Watchhorn Basin will add an additional 10,000 ft., and proposed work on Pier No. 1 will add 4000 ft. to that landing place.

NATIONAL CITY, Cal.—J. E. Blackman and Arthur Blackman are promoting terminal project on water front involv. piers, docks, and other terminal facilities on the bay adjoining the naval repair base. The first unit to be started will be a pier 1064 ft. long, with a T on the outer end, 300 ft square The terminal will be known as the "Blackman Terminals, Inc." This unit will cost $125,000.

MISCELLANEOUS BUILDING CONSTRUCTION

Plans Being Prepared.
ADDITION Cost, $100,000
SAN FRANCISCO. Golden Gate Park.
Basketball pavilion and tennis courts—addition to Stadium.
Owner—City & County of S. F.
Architect—Masten, Hurd & Bangs, 1st National Bank Bldg., S. F.

Plans Completed.
R.R. STATION Cost, $—
SAN MATEO, San Mateo Co., Cal.
One-story reinforced concrete railroad station, Mission type of architecture, tile roof, stucco exterior.
Owner—Southern Pacific R. R. Co., 65 Market St., San Francisco.
Architect—Engineering Department of S. P. Co., 65 Market St., S. F.
Main station building will be 96x25 ft. Other structures will be baggage quarters, etc. An office and freight warehouse will also be erected in connection with the project for the American Railway Express Co.
The plans are yet to be approved by the San Mateo city officials.

Commissioned to Prepare Plans.
NATATORIUM Cost, $85,000 in bonds voted to finance construction.
RICHMOND, Contra Costa Co., Cal.
Municipal natatorium.
Owner—City of Richmond
Architect—Jas. T. Narbett, Richmond.

EL CENTRO, Cal.—The entire properties of the Imperial Gypsum Co. have been sold to the Pac. Portland Cement Co., Consolidated, including a 20-mile narrow gauge railroad connecting the mines north of Dixieland with the S. D. & A. Ry. at Dunaway Station. The purchasing company is reported to be planning to expend $1,000,000 in development work.

LEMOORE, Kings Co., Cal.—Dr. W. B. Cobb and M. R. Landis, representing Chamber of Commerce, promoting campaign to finance construction of $2500 natatorium building. Clyde Potter is secretary of chamber.

BERKELEY, Alameda Co., Cal. — Until June 28, 9 a. m., bids will be rec. by Regents of the University of California for concrete work for training quarters in California Memorial Stadium. John Galen Howard and Associates, architects, First National Bank Bldg., San Francisco. Cert. check 10% payable to Regents req. Plans obtainable from architects on deposit of $10, returnable. **See call for bids under official proposal section in this issue.**

SAN FRANCISCO — Bids will be opened in Washington, D. C., July 29th to erect $500,000 Marine Corps Supply Depot building to be erected at Spear and Harrison streets, according to word received by the San Francisco Chamber of Commerce. Plans have been forwarded to Rear-Admiral Simpson with offices in the Customhouse. Separate bids will be asked for grading the site.

LINNTON, Ore.—General Petroleum Co., has purchased 7½-acre tract here and will erect distributing plant at a cost of $500,000, the greater expenditure to be in storage tank construction.

Contract Awarded.
FUNERAL HOME ETC. Cost, $31,000
SAN JOSE, San Carlos near Market.
Funeral home and apartment bldg.
Owner—Thos. Monahan, 2nd and San Carlos, San Jose.
Architect—Chas. McKenzie, Bank of San Jose Bldg., San Jose.
Contractor—Thos. Lannin, Smout Bldg. San Jose.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 818 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

D-1284 — San Francisco. Well connected business man returning to the east would like to get in touch with California manufacturers who desire to place agencies or increase their business in the east.

(Continued on Page 28)

Official Proposals

NOTICE TO CONTRACTORS

(Heating System—Kern County Union High School District)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Trustees, Kern County Union High School District, Bakersfield, California, **up to 8 P. M. of July 7th, 1924,** for furnishing all materials and labor necessary for the erection and completion of all additions and alterations to the Central Heating Plant of the Kern County Union High School in accordance with plans and specifications on file with the Clerk of said Board and open for the inspection of bidders. Copies of said plans and specifications may be had upon deposit of $10.00 at the office of Charles H. Biggar, Architect, 405 Bank of Italy Building, Bakersfield, California, and the work will be done under his supervision. Deposit will be returned upon receipt of plans and specifications in good condition at time specified.

Bids will be received for the work as a whole, only.

Bid must be accompanied by a cashier's or certified check or bidder's bond in the amount of at least ten per cent (10%) of the amount of bid, such check or bond to be made payable to the Board of Trustees, Kern County Union High School District, and submitted as a guarantee that the bidder, if successful, will enter into a contract satisfactory to said Board of Trustees, and in addition thereto will furnish good and sufficient bonds therefor.

The Board reserves the right to reject any or all bids not deemed advantageous to the said Kern County Union High School District, and to waive any informality in any bid received.

By order of the Board of Trustees, Kern County Union High School District, made June 2nd, 1924.

W. J. WALTERS, President.
BOYCE R. FITZGERLAD, Clerk.

NOTICE TO BIDDERS

(City of Marysville—Pump & Motor)

Pursuant to a resolution of the Mayor and Common Council of the City of Marysville, directing this notice, said Mayor and Common Council hereby invites sealed proposals or bids for furnishing and installing for said city, in the vicinity of Ellis Lake, a two stage, 14-inch deep well Turbine Centrifugal Pump, with 25 Horsepower, 3 phase, 60 cycle, 220 volt, 1200 revolving vertical electric motor direct connected, to deliver one thousand gallons of water per minute against a fifty feet head, as will more fully appear by specifications on file in the office of the City Clerk, to which reference is hereby made for further particulars.

Each bid must be accompanied by a certified check in the sum of ten per cent of the amount of the bid. All bids must be filed with the City Clerk of said City of Marysville, **on or before seven o'clock P. M. on the 16th day of June, 1924,** and bids will be opened on said day and hour. The successful bidder will be required to furnish a bond for the faithful performance of the contract in a sum to be fixed by the Mayor and Common Council of said city, and the Mayor and Common Council reserves the right to reject any and all bids.

Dated: June 10th, 1924.
(Seal) GEO. W. RICHARDS,
Cleark of the City of Marysville.

NOTICE TO CONTRACTORS

(Light Fixtures—Kern County Union High School District)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Trustees, Kern County Union High School District, Bakersfield, California, **up to 8 P. M., of July 7th, 1924,** for furnishing and the installation of light fixtures in the Shops Building, Kern County Union High School, in accordance with specifications for same on file with the Clerk of said Board and open for the inspection of bidders. Copies of said specifications may be had at the office of Charles H. Biggar, Architect, 405 Bank of Italy Building, Bakersfield, California, and the work will be done under his supervision.

Bids must be accompanied by a cashier's or certified check or bidder's bond in the amount of at least ten per cent (10%) of the amount bid, such check or bond to be made payable to the Board of Trustees, Kern County Union High School District, and submitted as a guarantee that the bidder, if successful, will enter into a contract satisfactory to said Board of Trustees, and in addition thereto will furnish good and sufficient bonds therefor.

The Board reserves the right to reject any or all bids not deemed advantageous to the said Kern County Union High School District, and to waive any informality in any bid received.

By order of the Board of Trustees, Kern County Union High School District, made June 2nd, 1924.

W. J. WALTERS,
President.
BOYCE R. FITZGERALD,
Clerk.

NOTICE TO CONTRACTORS

(Grants Pass-Crescent City Highway)

Sealed proposals for constructing or improving the Grants Pass-Crescent City Hwy (Elk Creek-Patrick Creek Section) project located within the Siskiyou National Forest, State of California, County of Del Norte will be received by the District Engineer ,Bureau of Public Roads, U. S. Department of Agriculture, at 316 New P. O. Building, Portland, Oregon, until **10 A. M. o'clock on the 25th day of June, 1924,** at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids, and none will be considered except those from contractors ascertained to be experienced and responsible.

The length of project to be constructed or improved is aproximately 12.1 miles, and the principal items of work are approximately as follows:

90 acres clearing.
60 acres grubbing.
400,000 cu. yds. excavation (unclassified.
55,000 cu. yds. station overhaul.
12.1 miles finishing graded road.
650 cu. yds. concrete.
1000 cu. yds. cement rubble masonry.
4075 lin. ft. culverts.

The work embraced in this contract shall be completed on January 1, 1926.

The Bureau of Public Roads has available for loan to contractors on a rental basis equipment as listed in the proposal sheets. Bidder will state in his bid the amount of government equipment that he will use during construction and the minimum rental period thereof. The estimated rentals will be taken into consideration and award will be made on bid to the best advantage to the Government.

The contract form and the maps, plans, specifications, and estimates of quantities may be examined by responsible contractors at Room 316 Post-office Building, Portland, Oregon, and at the office of the Forest Supervisor, Grants Pass, Oregon.

Plans and specifications will be furnished contractors who contemplate bidding upon deposit of a check for $10.00 payable to the Secretary of Agriculture of the United States. Check will be held pending return of plans and specifications.

All proposals must be made on forms, and in accordance with instructions forming a part of the specifications above referred to, and must be accompanied by a proposal guaranty in an amount at least equal to five (5) per cent of the total amount of the proposal.

C. H. PURCELL,
District Engineer.

NOTICE TO CONTRACTORS

(Nevada State Highways)

Sealed proposals will be received by the undersigned on **July 2, 1924,** for constructing portions of the State Highway System as follows:

(1) Bids received until and opened at 1:15 p. m. for grading, construction of culverts and placing a gravel surface in Elko County, between Moor and Pequop Summit.

(2) Bids received until and opened at 2:00 P. M. for grading, construction of culverts and placing a gravel surface in Elko County, between Pequop Summit and Silver Zone Pass.

(3) Bids received until and opened at 2:45 P. M. for gradingf, construction of culverts and placing a gravel surface in Pershing County, between Mill City and the North County Line.

(4) Bids received until and opened at 3:30 P. M. for grading, construction of culverts and placing a cement and gravel surface in Humboldt County, City of Winnemucca, between South City Limits and Hurst Street and between 3rd Street and North City Limits.

Plans may be examined and form of proposal, contract and specifications secured at the office of the undersigned. May also be examined at the County Clerk's office in Elko for Elko County work, Lovelock for Pershing County work, at the City or County Clerk's office in Winnemucca for Humboldt County work, the Division Engineer's office in Las Vegas, Reno or Elko, and District office of Bureau of Public Roads, Bay Building, San Francisco, California. Cash deposit of Fifteen Dollars ($15.00) with the undersigned required for copy of plans, which will be refunded on their return in good condition, provided, that they are returned within 30 days after the opening of bids. Bids must be on proposal form of Highway Department, and must be accompanied by a certified check in the amount of 5% of the bid.

Each bidder must accompany his bid

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

with a certificate from a Surety Company, duly authorized to do business in this State, stating that such Surety Company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said specifications, conditioned for the faithful performance of the provisions of the Contract and Specifications.

Right is reserved to reject any or all bids.

GEO. W. BORDEN,
State Highway Engineer,
Carson City, Nevada.

NOTICE T OCONTRACTORS

(Kern County General Hospital)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Supervisors of the County of Kern, State of California, **up to 10 A. M. of Monday, July 7th, 1924,** for furnishing all labor and materials for, and the erection and completion of the various items as listed below, to be installed in the four buildings and connecting tunnels, etc., of the Kern General Hosuital Group, being erected on Flower Street, East Bakersfield, California, in accordance with plans and specifications on file in the office of the Clerk of the Board and open for the inspection of bidders. Copies of said plans and specifications may be had at the office of Charles H. Biggar, Architect, 405-6 Bank of Italy Building, Bakersfield, California, and the work will be done under his supervision.

Bids will be received for the following items:

1. Refrigerators
2. Refrigerating Plant.
3. Sterlizers.
4. Metal Cabinets.
5. Kitchen Equipment.
6. Window Shades.

Bids to be made out upon form furnished by the Architect for that purpose and each bid must be accompanied by a cashier's or certified check or bidder's bond in the amount of at least ten per cent (10%) of the amount bid, such check or bond to be made payable to the Clerk of the Board of Supervisors, and submitted as a guarantee that the bidder, if successful, will enter into a contract satisfactory to said Board of Supervisors, and in addition thereto will furnish good and sufficient bonds therefor.

The Board reserves the right to reject any and all bids not deemed advantageous to the County and to waive any informality in any bid received.

By order of the Board of Supervisors of the County of Kern, State of California, adopted June 9th, 1924.

F. E. SMITH,
County Clerk and ex-Officio Clerk of the Board of Supervisors.

NOTICE TO CONTRACTORS

(Letterman Hospital—Painting)

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Calif. Sealed proposals will be received here until 11 A. M., June 25, 1924, for exterior painting of buildings at Letterman General Hospital, Calif. Information upon application.

NOTICE TO BIDDERS

(Butte Valley Irrigation District)

Notice is hereby given that sealed proposals will be received at the Office of the Butte Valley Irrigation District, Macdoel, California, **until 2 o'clock P. M., July 3rd, 1924,** and then and there publicly opened and read, for the construction of the Canals, Flume, Pipe Line and Regulation Works, of the Bear Creek Diversion of the Butte Valley Irrigation District.

This work requires the excavation of approximately 20,000 cu. yds of Loose Rock and Earth, and 10,000 cu. yds. of solid Rock. Also furnishing and placing of 400 lineal feet of 61.12 inches Diameter Metal Flume and 1600 feet of Continuous Wood Stave 32 inch diameter or 1600 feet of Electrically welded Steel Pipe 34 inch diameter.

All in accordance with plans and specifications on file, and available for examination, in the Office at the Butte Valley Irrigation District, Macdoel, California.

Bids will be awarded to the lowest responsible bidder. The Board reserves the right to reject any or all bids, to award bids on single schedules or combination of schedules, as the Board may determine to be for the best interest of the District.

Each proposal must be accompanied by a certified check amounting to 5 per cent of any and all schedules upon which a bid is placed, said check made payable to the Secretary of the Butte Valley Irrigation District, as a Warranty that the bidder, if successful, will promptly execute a satisfactory contract and furnish a good and sufficient bond for the faithful performance of the work.

Dated this 6th day of June, 1924.

E. O. BISSELL,
Secretary, Butte Valley Irrigation District.

NOTICE TO CONTRACTORS

Donner Pass National Forest Highway

Sealed proposals for constructing the above-named National Forest Highway located within the Tahoe National Forest, Counties of Nevada and Placer, State of California, will be received by the District Engineer, Bureau of Public Roads, U S. Department of Agriculture, at 400 Bay Building, No. 9 Main Street, San Francisco, California, **until 9 o'clock A. M. on the 2nd day of July, 1924,** at which time and place they will be publicly opened and read. The right is reserved to reject any and all bids and none will be considered except those from contractors ascertained to be experienced and responsible.

The project is located about 10 miles west of Truckee, California and is approximately 3.7 miles in length. The principal items of work are approximately as follows:

Clearing, 29 Acres.
Excavation unclassified, 70,000 cu. yds.
Class "A" Concrete, 404 cu yds.
Class "C" Concrete, 53 cu. yds.
Reinforcing Steel, 52,000 lbs.
Corrugated metal pipe, 1230 lin. ft.

The work embraced in this contract shall be completed within 100 weather working days following the execution of the contract by the Secretary of Agriculture.

The contract form maps, plans and specifications may be examined by reponsible contractors at the following addresses:

400 Bay Building, 9 Main St, San Francisco, California.
% California Highway Commission, Forum Bldg., Sacramento, Calif.

The Bureau has available for loan to contractors on a rental basis equipment at Government Island, Oakland, California, as listed in the specifications. Bidder will state in his bid the government equipment that he will use during construction and minimum time required. The estimated rentals will be taken into consideration and award will be made on the bid to the best advantage of the Government.

Plans and specifications will be furnished contractors, who contemplate bidding, on a showing of financial ability and experience and upon deposit of a check for $10.00 payable to the Secretary of Agriculture of the United States. Check will be held pending the return of plans and specifications.

All proposals must be made on forms furnished byy the District Engineer, Bureau of Public Roads, and in accordance with the instructions forming a part of the specifications above referred to.

C. H. SWEETSER,
District Engineer.

June 13, 1924.

NOTICE TO CONTRACTORS

(Steam and Electrical Hook-up—Sacramento County Hispital)

Office of the Clerk of the Board of Supervisors of the County of Sacramento, State of California.

Pursuant to an order of the Board of Supervisors of the County of Sacramento, made and entered on record on the 9th day of June, A. D. 1924.

Notice is hereby given that sealed bids will be received by the undersigned **up to and not later than the hour of 10:00 A. M. of the 7th day of July, 1924,** at the office of said Board in the Court House Building, 7th and I Streest, Sacramento City, for the furnishing of all labor, materials and mechanical workmanship necessary to make a general steam and electrical hook-up for the Sacramento County hospital buildings, situate on the present County Hospital Grounds, City of Sacramento, County of Sacramento, State of California, in accordance with the plans and specifications prepared therefor by R. A. Herold, Architect, which plans and specifications may be seen and examined during office hours by intending bidders at the architect's office, rooms 430-37 Forum Building, Sacramento, California.

All bids must be submitted on blank forms furnished the Clerk of the Board, and must be accompanied with a certified check on some solvent bank in a sum equal to ten per cent (10%) of the amount of each bid, conditioned that if the contract is awarded the party submitting the accepted bid will enter into contract and furnish such bond as may be required within ten days after making award, or, failing so to do, the amount of such check to be forfeited as liquidated damages for such failure. All checks to be made payable to the order of the Chairman of the Board of Supervisors of Sacramento County.

The Board reserves the right to reject any or all bids.

By order of the Board of Supervisors of Sacramento County, California.

Attest:

HOWARD K. JOHNSON,
County Clerk and ex-officio Clerk of the Board of Supervisors of Sacramento County, California.
By William Hickey.
Dated June 15th, 1924.

NOTICE FOR BIDS

(Thermalito Irrigation District)

Sealed bids will be received by the Board of Directors of the Thermalito Irrigation District at the office of the Board, Oroville, California, **until eight o'clock P. M., Tuesday, July 8th, 1924,** for furnishing all labor required for constructing 1100 feet of ditch and diverting dam, including about 1250 cubic yards solid rock excavation, 1000 lineal feet of dry wall, 4000 square feet cement plaster ditch lining, 70 cubic yards concrete masonry.

Contract will be let to the lowest responsible bidder.

Plans and specifications can be seen at the office of the Board, Oroville, California.

R. A. LEONARD,
Secretary Thermalito Irrigation District.

PROPOSAL FOR BIDS

(University of California)

Sealed bids will be received at the office of the Comptroller, University of California, Berkeley, Calif., at or before **9 a. m., June 28th, 1924,** for concrete work for the training quarters in the California Memorial Stadium on the grounds of the University of California at Berkeley.

Drawings and specifications may be obtained at the office of John Galen Howard and associates, Architects, First National Bank Bldg., San Francisco, on deposit of $10 for each set of drawings and specifications taken out. (Checks given as deposits are to be in favor of the undersigned). Deposits will be refunded on submission of a regular bid for the work and on return of said drawings and specifications in good condition. No bids will be submitted unless accompanied by a certified check or bond in favor of the undersigned equal to 10% of the bid to secure execution of the contract by the successful bidder.

The right is reserved to reject any or all bids.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA.

NOTICE TO CONTRACTORS

(Berkeley High School District)

Notice is hereby given that the Board of Education of the City of Berkeley and of the Berkeley High School District of Alameda County hereby calls for sealed proposals to be delivered to the Secretary of said Board, 2133 Allston Way, Berkeley, California, **until the hour of 4 o'clock P. M., July 1, 1924,** at which time said bids will be opened for furnishing the necessary materials, tools and labor for alterations to the science department of the Berkeley High School Building situated on Allston Way and Grove streets, Berkeley, California, according to the plans and specifications therefor on file at the office of the Secretary of said Board, 2133 Allston Way, Berkeley, California, to which reference is hereby made; a copy of said plans and specifications may be obtained at said place.

All bids must be made on forms furnished on application to said Secretary at the address above given and must be signed by the bidder and accompanied by a certified check certified to by some responsible bank or banker and made payable to the Board of Education of the City of Berkeley and of Berkeley High School District of Alameda County to be retained by said High School District as agreed and liquidated damages should the party or parties to whom the contract should be awarded fail to enter into the contract after the award, or to give bonds required for the faithful performance of the contract or any bond required by law. The amount of said certified check shall be for at least ten (10) per cent of the amount of the bid. Bids will be opened by the said Board on July 1, 1924, at the hour of 4 o'clock P. M., in the Board Room, 2133 Allston Way, Berkeley, California.

The Board reserves the right to reject any and all bids or any or all items of such bids

CLYDE BLANCHARD,
Secretary of the Board of Education of the City of Berkeley, County of Alameda, California.

STATE OF CALIFORNIA

CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on June 30, 1924,** at which time they will be publicly opened and read, for the construction, in accordance with the specifications therefor, to which special reference is made of portions of State Highway, as follows:

Humboldt County, between Eureka and Arcata (I-Hum.-1-G&H), about six and five-tenths (6.5) miles in length, to be paved with Portland cement concrete.

Placer County, between Gold Run and Forebay (III-Pla.-37-D), about eight and seven-tenths (8.7) miles in length, to be graded.

Nevada and Sierra Counties, between Floriston and Nevada State Line (III-Nev.-Sie.-38-B&A), about four and three-tenths (4.3) miles in length, to be graded.

Nevada County, a bridge 398 feet long and 21 feet wide across Truckee River and the Southern Pacific Railroad tracks about one mile north of Polaris (III-Nev-38-A), consisting of one 160 foot reinforced concrete arch span four 30 foot, one 38 foot and one 59 foot reinforced concrete girder spans.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.

R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated: June 2 ,1924.

BUSINESS OPPORTUNITIES

(Continued from Page 20)

D-1285—Paso Robles, Calif. Party desires to get in touch with firms handling flexible shafting and condult similar to that used for speedometers, but larger.

D-1287—Buffalo, N. Y. Refrigerator Company desires to secure manufacturers' agent or specialty salesman to represent them in this district, on commission basis.

D-1288—Racine, Wis. Malleable Castings concern desires to secure representative of their line.

D-1289—Bloomfield, N. J. Manufacturers desire to secure factory representative in California.

D-1291—New York. Valves and pipe fittings firm desires to secure representative familiar with valve and fitting field.

8313—Divala, Panama. Trading firm desires to buy a used boat in San Francisco of the approximate specifications: Length 60 feet over all; width 14 feet; draught 3 feet, with load 5 feet; full Diesel engine; space for cargo. Information is desired at once as to price, consumption of crude oil, etc. Full specifications are on file with the Foreign Trade Bureau.

8318 — Brussels, Belgium. Timber agents and brokers desire to represent San Francisco lumber exporters. They claim to be established twenty years and at present in close touch with Central European buyers of timber.

8322—Antwerp, Belgium. Exporter of Belgian whiting in very large quantities desires to complete business arrangements with a San Francisco importer. He will quote prices and send full particulars. Correspondence invited

8327 — United Kingdom. An established British firm is desirous of appointing an agent in San Francisco for the sale of potting china clays.

8329—New York, N. Y. Import house will appoint a San Francisco agent in California territory for a line of imported Dutch sanitary earthenware. Correspondence is wanted from interested salesmen.

8330—Hamburg, Germany. Export & import house established 20 years desires to enter a mutual buying and selling arrangement with a large San Francisco firm.

8333—San Francisco, Cal. Young man with five years foreign experience in Switzerland, Spain and Italy, as correspondent and traveling salesman, offers his services to San Francisco foreign trade houses. Good references.

8334—San Francisco, Cal. Dutch gentleman with 18 years' executive experience with large foreign trade firms in Europe, Dutch east Indies, China and Japan, desires to associate himself with large California manufacturers who wish to further develop these markets.

SUBSCRIPTION BLANK

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.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Leads for Business

BEAUTY PARLORS—Nonleca Beauty Shop, 2108 Clement.
Petite Beauty Shop, 2150 Mission.
Maison Beauty Studios, 406 Sutter.
Mrs. K. O'Leary (404 Geary), 974 Sutter soon.
American Beauty Parlor 2494 Mission
Mission Beauty Shop (Mrs. Nolan) 3108 16th.
Cortland Beauty Shop, 402 Cortland.
Harriette Beauty Studio (Beatrice George), 244 Taylor.
Dennis College of Beauty Culture, 908 Market to Elevated Shops.
CHEMICAL Products—West Disinfecting Co. (W. H. Caruthers), 683 Howard to 510 7th.
CHIROPRACTORS — A. J. Juhl, 1112 Market to Delger Bldg.
CIGARS—E. C. Mills, 2401 Fillmore.
CLOTHING — Freedman Clothes Shop, 2130 Mission.
COFFEE—Milo Coffee Co., 360 3rd to 759 Harrison.
DRESSES—Handelsman & Co., 154 Sutter.
EXPOSITIONS — Fourth Annual California Industries Exposition, Oct. 18 to Nov. 1. A. A. Tremp, gen. mgr., Flatiron Bldg.
INSURANCE—Alliance Insurance Co. & others, 114 to 223 Sansome.
KNIT GOODS—Clark Knitting Co., Inc., 68 Post to 1151 Market.
LADIES' APPAREL—Appelbaum Waist Shop, 1358 Fillmore.
LITHOGRAPHS — Pacific States Seed Co., 526 N St., Sacramento, wants contact with S. F. lithograph plants.
MFRS. AGENTS—M. L. Mourfield, 68 Post to 1151 Market.
A. E. Maynard, 68 Post to 683 Sutter.
Geo. Katz, 681 Market.
PAINTING—A. S. H. Painting Co., 4418 Irving to 1250 41st Ave.
MILLINERY—O. F. Ferrier (supplies), 821 Market.
PRINTING — Personal Service Bureau (Miss Florence Bate), 69 Post to 685 Sutter.
W. R. Dalzelle & Co., 143 2nd to 607 Howard.
REAL ESTATE—Jos. Goldie, 440 Geary to French Bank Bldg.
RESTAURANTS — McDonald Restaurant, 502 Ellis.
TAILORS—Barnet Perlis (ladies), 177 Post.
J. Nurck, 367 Sutter.
TRUNKS AND LUGGAGE—Tom Garoe Trunk Co., 562 Market to 687 Market.
MISCELLANEOUS — Drexler Estate (Elise A. Drexler, L. M. Welch), Kohl Bldg. to Mills Bldg.
ADDRESSES WANTED — S. N. Burt, soap dispensers and drinking cups; Pacific Coast Mercantile Co.; Rich Steel Products Co.; Pacific Nitrogen Co; United Credit Assn.; National Mfg. & Products Co.; American Nokol Co.

LEASES—April 8, 24—Lloyd B and Helen M Ham to Emma W Glas—SE Sacramento & Octavia 7 yrs $142,044.
May 1, 24—Siegfried Strauss to Mrs L Meisel—5840 Geary St 5 yrs $50 per mo etc.
May 1, 24—Siegfried Strauss to Nino Abate—5838 Geary st 6 yrs $50 per mo etc.
April 26, 24—F J Young to Margaret L Grosse and Louise I Oliva—W Stockton 80-2¼ S Sutter S 19-9¾ by W 60 5 yrs $7500.
ACCOUNTANTS—George & Mansfield, 411 Mills Bldg.
AUTOMOTIVE — Imperial Hydraulic Shock Absorber Co. (Mr. Boon), shop 1039 Harrison.
De Luxe Windshield Co., 331 Larkin to 854 Van Ness Ave.
BUILDING PERMITS—Alterations for store 101 Plymouth.
CANDY—Mrs. Julia Keenan, 4468 Mission.
CANVAS GOODS—Atlas Awning Co., 213 Octavia.
CLEANING & DYEING—Vapor Cleaning Works, 3673 Sacramento.
DELICATESSEN—Supreme Delicatessen 1536 Haight.

DENTISTS—Dr. W. P. Schwarz, 198 6th Ave. to Clement and 12th Ave.
FINANCE—Harry Schmalz, 327 Kearny
GLASS & GLAZING—Pacific Mirror & Glass Co., 901 to 1447 Van Ness Ave. soon.
GROCERS—Mr. Ganopol, 600 Fillmore.
HARDWARE — Strom Hardware Co., 1920 Irving.
ICE CREAM — F. C. Orienthal, 1600 Hayes.
LADIES APPAREL — Chick Gown & Lingerie Shop, 588 O'Farrell.
LAUNDRY—California French Laundry, 5045 California.
MARKETS—N. A. Pucci, 1914 Irving.
ORGANIZATIONS—Pacific Coast Gas Assn., 619 Wells Fargo Bldg.
PAINTING—J. M. Rafter (auto) 25 Dolores.
PAPER BOXES—York-Bradford Co. Inc (663 Howard recently burned), H. E. Brannan and Gilbert.
PARCEL DELIVERY—Automotive Purchasing & Delivery Service (Fred Mansen), 540 Van Ness Ave.
PIPE—Reading Iron Co. (Reading, Pa) St. Clair Bldg.
PRODUCE — American Produce Co., 279 9th.
PUBLISHING—Twin Peaks News Co., 153 7th.
RADIO—Kingston Radio Co., 712 Market.
REAL ESTATE—Phil Cantlon 26 Montgomery.
Wolf & Co., 34 Montgomery to about 54 Sutter soon.
RESTAURANTS — May's Coffee Store (5451 Geary), 708 Geary.
Grant Coffee Shop, 466 Bush.
Sandwich business opening 201 9th.
Restaurant NE 9th and Folsom soon.
Restaurant NE Broadway bet. grant and Stockton soon.
John Boudoures buying Progress Grill, 1600 Market.
SCALP REMEDIES — Ivy Hair Tonic (Louis E. Jodoin), 596 O'Farrell.
TAILORS—Pleax All Tailoring Co., 900 Bush.
Bluff Tailors, 4023 Balboa.
TRANSPORTATION—K. K. K.-Roosevelt Line (General Steamship Corp., agents), 240 Battery.
Panama Pacific Steamship Co., 550 Market to move soon.
United States Lines, 258 Montgomery to about 54 Sutter soon.
UPHOLSTERING—Geo. Bohn, 3015 24th
VITICULTURE — Sunset Grape Co., Consular Bldg.

LEASES — May 20, 1924—Clara Herrscher to A. and Lillie Biancalana—SW Merchant and Front W 137-6 alg Merchant S 45-10 S 30 N 19-4 E 102-6 to W Front N 26-6 Nos. 427-429 Front St., 3 years, $9000.
May 20, 1924—C. Cohn to John C. Pugh and wife—259 19th Ave., 1 year and option to renew 1 year, $1800.
May 23, 1924—Aaron Friedman to Joseph and David Goldberg as Goldberg Brothers—1591 Waller St., 3 years, $2580.
LEASES—May 19, 24—William D Koenig to Joseph Woolf—S Irving 32 E 22nd ave 10 years $21,660.
Mar. 10, 23—Edward H Mitchell to Emile Tabournel—Hotel Henry 106 6th St 5 years 2 mos 15 days $62,500.
April —, 24—Isaac Gerson to Frank Caroli and Guiseppe Semeroro—522 Columbus ave 62 mos $3680.
LEASES—May 1, 24—W Dovlinilo and Lucia Saraceni to Minnie Ditges — 198A Laidley St 1 yr $35 per mo.
Mar 14, 24—George and Maria Schomer to E and Alma Speckhahn—SW corner Sanchez & 16th sts 300 Sanchez st 5 yrs $3900.
June 3, 24—Konrad & Josepha Klippel to Edith Aimee Black — 6253 Geary st 5 yrs $3900.
Oct 6, 22—Mary Shafer to Edouard Dalmon and Philomene Dalmon—493 Eddy st SE cor Eddy & Hyde 60 mos $30,000.
Assigned Sept. 27, 23 to L Odberg and F Odberg value recd.
June 2, 24—Mabel M Wells to Mrs A Vannucchi—2659 Sacramento st descd S Sacramento 154-7 E Pierce E 25-10 x S 120 to N Perine W A 390 1 yr $50 per mo etc.
ACCOUNTANTS — A. S. Johnson, 582 Market.
ADJUSTERS—J. W. Slomons, 114 to 231 Sansome.
ARCHITECTS—Lee, Brenton & Wayland, Holbrook Bldg.
ATTORNEYS—Richard Fitzpatrick, Bk of Italy Bldg. to 785 Market.
AUTOMOTIVE—West Coast Auto Repair Co., 1030 Golden Gate Ave. to 711 Octavia.
Auto Radiator Shop, 1586 Pacific Ave to 1998 Polk.
Peerless Motors Co. branch 1145 Van Ness Ave.
BAKERIES — Philgren Bakery, 1623 Taraval.
CHIROPRACTOR—F. A. Hatfield, 2629 Mission to Howes Bldg.
DRAYAGE—New Montgomery Transfer Co., 605 Howard.
IMPORTERS—Kageyama Co., Consular Bldg.
INVESTMENTS—Pearson-Taft & Co., 220 Montgomery.
LADIES' APPAREL—Shanley & Wesner, 546 Geary.
MFRS. Agents—G. R. Lamb (textiles), Commercitl Bldg.
G. P. Wells, 235 Montgomery.
OIL—Western Petroleum Co., Chancery Building.
PAINTERS — E. Slagle, 2435 to 2149 Clement.
PARCEL DELIVERY—Direct Delivery Co. (50 Shannon), 791 O'Farrell.
PHYSICIANS—Dr. J. C. W. Taylor, 516 Sutter to 380 Post.
PLUMBING—Anderson & Howe, 3723 Market to 45 Belcher.
PHOTO SUPPLIES — Defender Photo Supply Co., 85 2nd.
Amsco Products Co., 821 Market.
PRINTERS—Stover & Wilson, 346 Sansome to 343 Battery.
RADIO—California Radio Mfg. Co., 507 Mission.
REAL ESTATE—A. J. Conway, 2747 Mission.
RESTAURANTS — Hot Puppy Restaurant (Tony Morgan), 304 Valencia.
Henry Ficken, 698 Precita Ave.
Frank Trean, 891 Geary.
SECURITIES — Commercial Securities Corp., 354 Pine to 200 Bush.
National Mortgage Co. and California Securities Finance Co., 525 Market.
SHOES—Crystal Palace Shoe Store (J. H. Armstrong), 1175 to 1147 Market.
STEEL PRODUCTS — A. J. Boyce, St. Clair Bldg. to 661 Folsom.
THEATRES—Geo. Mann, 310 Turk to 191 Golden Gate Ave.
TOOLS—Chadwick & Trefethen, Lachman Bldg.
MISCELLANEOUS—Shull & Greve, Underwood Bldg.
John Nixon, 883 Geary.
Leo Park, 235 Montgomery.
Verpers Inc., 350 Mission.
J. Slaten, Chancery Bldg to 220 Montgomery.
C. J. Rhodin, Alaska Commercial Bldg. to Clunie Bldg.
LEASES—May 26, 24—Emory Winship tr estate Katherine Dillon Winship decd to Charlie and Annibale Tollini as Chas Fashion Grill — St. Nicholas Hotel bldg SE cor O'Farrell & Carlos Sts No 243 O'Farrell St 4 yrs 4 mos $30,200
Jan 1, 24—Erminio Biggio to Aldo Nicora—4841 Mission st being E Mission having frontage of 22-6 x 50 5 yrs $1800.
LEASES—June 11, 24 — D Molinori to May Robinson—3351 18th St Mission Apts 5 yrs $300 per mo.
June 6, 24—Lillie and Amerigo Biancalana to Effreme Bianchini — 431 Front St Bianchini's Restaurant 3 yrs $8100.
APRONS & BLOUSES — Cowan-Frank Mfg. Co., 783 Mission to 612 Howard in July.
ARCHITECTS—E. A. Eames, 454 California to 357 Sacramento.
ATTORNEYS—C. S. Chandler & Quayle, 582 Market.

Engineering News Section

BRIDGES

SANTA ROSA, Sonoma Co., Cal.—Bids will be asked at once by W. W. Felt Jr., county clerk, to const. rein. conc. bridge over Rickford creek at Snelder's ranch, bids to be opened about July 15. E. A. Peugh, county surveyor.

EUREKA, Humboldt Co., Cal.—See "Streets and Sewers," this issue. Awards for road and bridge improvements.

NAPA, Napa Co., Cal.—As previously reported, John Garden, 386 15th St., Oakland, at $4613.10 awarded contract by supervisors to fur. and lay 520 lin. ft. 8-in., 750 lin. ft. 10-in., 3070 lin. ft. 14-in., and 30 lin. ft. 15-in. corru. culvert pipe for sewer from Napa county infirmary to Napa river. Complete list of bidders follow: W. J. Tobin, $4930.80; L. L. Page, $7111.50; John Garden, $4613.10; Harry Thorsen, $5727.80; Chambers and DeGolyer, $4953.20; F. M. Maestretti, $6933.50; Simon Lenz & Son, $5723; R. J. Blanco, $7228; W. E. Lawson, $8438.30; T. E. Clinch, $5124.10; W. T. Edwards, $5268.50; Ray E. Errington, $9054.50; O. Baroni, $4846.60.

SAN JOSE, Santa Clara Co., Cal.—Until June 23, 5 p .m., bids will be rec. by C. B. Goodwin, city manager, to const. two rein. conc. bridges one across Guadalupe river and another across Los Gatos creek in Santa Clara St. Bids will be received for one structure or both structures combined. Plans obtainable from City Eng. Wm. Popp on deposit of $10, $5 of which will be returned on surrender of same. Cert. check 5% payable to city req.

NAPA, Napa Co., Cal.—Until July 8, 10 a. m., bids will be rec. by Jas. A. Daley, county clerk, to const:

(1) reinf. conc. deck bridge across Suisun Creek near Reams Ranch.

(2) three span rein. conc. deck bridge across Conn Creek near Skellenger Ranch.

(3) reinf. conc. deck bridge and center pier across Sage Creek about ½ mile above junction of Chiles and Sage Creeks.

(4) reinf. deck bridge and center pier across Sage Creek near Blesser's Store.

(6) reinf. conc. deck bridge across Burton Creek in Pope Valley near Goteguth Ranch.

Plans on file in office of clerk.

SANTA ROSA, Sonoma Co., Cal.—John Cogo, Napa, at $16,593.55 awarded contract by supervisors to const. rein. conc. bridges and culverts in various parts of the county as follows: Pena Creek bridge in Dry Creek Valley, $6,-225; 2 rein. conc. culverts in Alexander and Knight Valleys, $5,863.75; 4 rein. conc. culverts in Dry Creek valley, $2,-844.80.

SACRAMENTO COUNTY, Cal.—M. B. White, Stockton, at $15,252 awarded contract by State Highway Commission to paint and repair Dry Creek bridge between Sacramento and Stockton.

SHASTA COUNTY, Calif.—J. A. Mohr & Son, 2216 Fillmore St., San Francisco at $4828 (Eng. est. $6800) awarded contract by State Highway Commission to paint three bridges in Shasta county, over Olney Creek, Clear Creek and China Gulch.

HAMILTON CITY, Glenn Co., Cal.—Until June 28, 2 P. M., bids will be rec. by Hamilton Boulevard Commission, John P. Ryan, sect'y., Quigley Bldg., Hamilton City to const. rein. conc. arch bridge across Central Canal near Hamilton City on Chico-Orland branch of State Highway. Cert. check 10% payable to Commission req. Plans obtainable from secretary.

SAN DIEGO, Cal.—Until 11 a. m. July 2, bids will be rec. by supervisors to const. reinf. conc. arch bridge over San Luis Rey river, on Mission Rd. No. 1-C, near Bonsall. The bridge was designed by Geo. A. Schwabland, Inc., consulting engrs., San Diego. It will be 667 ft. long, 21 ft. bet. curbs, 40 ft. above stream bed; 5 106-ft. open spandrel arches; 2 30-ft. girder approaches each end. The work involves 1468.5 cu. yd. 1:2:4 class A reinf. conc.; 138.5 cu. yds. 1:2½:5 class B reinf. conc.; 2978.2 cu. yds. 1:3:6 class C reinf. conc; 210,910 lbs. reinf. steel; 1334 lin. ft. hand rail; 9810 lin. ft. wood piles (218 45-ft. piles) 798 lin. ft. struc. steel (exp. jts). Plans obtainable from clerk on deposit of $5. R. W. Miller, deputy county surveyor.

SACRAMENTO COUNTY, Cal.—John Phillips, Sacramento, at $3845 (Eng. est. $5320) awarded cont. by State Highway Commission, to const. 40-ft. rein. conc. girder span bridge over Garrity creek 1-mi. west of Pinole, Contra Costa County, involv. removal of existing bridge; 135 cu. yds. class A cem. conc; 185 hundredweight rein. steel; 140 cu. yds. excavation for bridge structure.

SAN JOSE, Santa Clara Co., Cal. — County Surveyor Robt. Chandler preparing spec. for rein. conc. bridge in Matson Ave. over Llagus creek, Supervisor Dist. No. 1. Henry A. Pfister, county clerk.

SAN JOSE, Santa Clara Co., Cal. — Wm. Radtke, Gilroy, at $2696 awarded cont. by supervisors to const. rein. conc. bridge over Penitencia creek supervisor Dist. No. 3. Surveyor's estimate, $2750. Other bids: Abel & Co., $4262; Martin & Collins, $3166; DeCola & Weldon, $3670; M. Bertolini, $5956.

NEVADA COUNTY, Cal.—As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, June 30, 2 P. M., to const. bridge 392 ft. long, 21 ft. wide across Truckee river in Nevada county, about 1 mi. north of Polaris, consisting of one 160-ft. rein. conc. arch span; four 30-ft., one 38-ft. and one 59-ft. rein. conc. girder spans. Project involves: 1150 cu. yds. Class "A"; 290 cu. yds. Class "B" and 40 cu. yds. Class "E" Port. cem. conc. in bridge; 1800 hundredweight rein. steel in bridge; 450 cu. yds. excavation for bridge structure and 2500 cu. yds. roadway embankment.

STOCKTON, San Joaquin Co., Cal.—Incomplete returns show bond issue for $100,000 to finance construction of Minor avenue subway carried. W. B. Hogan, city eng., and C. E. Ashburner, city manager.

Carbide Flare Lights

OxyAcetyleneEquipment

Goggles—Respirators

First Aid Supplies

Carried in stock

E. D. BULLARD

565 HOWARD STREET

San Francisco, Calif.

Douglas 6320

PORTLAND, Ore.—Until June 26, 10 A. M., bids will be rec. by C. H. Purcell, Dist. Eng., U. S. Bur. Pub. Rds., 316 New Post Office Bldg., Portland, Ore., to const. Bogachiel River bridge on Olympic National Forest Rd., in Olympic Nat'l. Forest, 331 ft. in length, involv.: 129 cu. yds. foundation excavation; 114 cu. yds. concrete; 49,000 lbs. reinforcing and 356,000 lbs. structural steel. Spec. obtainable from Eng. on deposit of $10, checks payable to Secretary of Agriculture of U. S., deposit returnable.

SALEM, Ore. — Union Bridge Co., Yeon Bldg., Portland, at $245,306 submits low bid to State Highway Commission to const. bridge over Willamette river at Albany on Albany-Corvallis highway in Benton and Linn counties. Other bids were: Lindstrom & Feigenson, $249,355; Booth & Pomeroy, $273,195; J. W. Sadler, $259,165; Puget Sound Bridge and Dredge Co., $298,720; J. H. Tillman Co., $337,270; Parker & Banfield, $253,545.

INGLEWOOD, Cal. — R. V. Leeson, 1060 S Broalway, Los Angeles, has completed preliminary plans for conc. viaduct on Market St., which city will build. Est. cost $80,000. The plans call for a conc. structure with 30-ft. roadway, 6-ft. walks on both sides, ornam. lights and wide fan-like approaches from Redondo Blvd. and Hawthorne Blvd.

PLACERVILLE, El Dorado Co., Cal. —City trustees taking bids to const. rein. conc. bridge over Hangtown creek in Coloma St. Plans on file in office of city clerk.

LOS ANGELES, Cal.—Until 10 a. m., June 23, new bids will be rec. by Bd. Pub. Wks. to const. reinf. conc. bridge across Pacoima Wash, on San Fernando Road.

SAN BENITO COUNTY, Cal.—Following bids rec. by State Highway Commission, June 16, to const. rein. conc. bridge in San Benito county over San Juan Creek near San Juan Bautista, consisting of two 15 ft. and one 30 ft. spans on conc. bents.

Rocco & Caletti, San Rafael	$4602
McKay Engineering Co.	4757
N. Bertolino	4989
Granite Constr. Co.	5223

Engineer's Estimate, $5080.

LOS ANGELES, Cal—W. M. Ledbetter, 5399 Alhambra Ave., and Mercereau Bridge & Const. Co., 313 N. Ave. 22, submitted identical bids on item (1), bridge complete, for const. wood bridge consisting of one 50-ft. span (20-ft. roadway), on Glendora Ave., over Big Dalton Wash in Road Foreman's Division No. 108. The bids were:

W. M. Ledbetter—(1) $3200; (2) extra cedar piling per ft., $1.10; (3) extra R. O. P. lumber per 1000 B. M. at $70; (4) extra R. W. lumber per 1000 B. M. at $100.

Mercereau Bridge & Constr. Co.—(1) $3200; (2) $1.25; (3) $50; (4) $65.

E. G. Perham—(1) $3370; (2) $1; (3) $70; (4) $80.

Frank H. Greene—(1) $3653; (2) $1; (3) $60; (4) $70.

Bennett & Waugh—$4257; (2) $1; (3) $92; (4) $126.

and Caletti, San Rafael at $4602 awarded contract by state highway commission to const. rein. conc. bridge in San Benito county near San Juan Bautista, consisting of two 15-ft. and one 30-ft. spans on conc. bents. Engineer's estimate $5080.

DREDGING, HARBOR WORKS AND EXCAVATIONS

OROVILLE, Butte Co., Cal.—Until July 8, 8 P. M., bids will be rec. by R. A. Leonard, Sect'y., Thermalito Irrigation District, to const. 1,100 ft .of ditch and diverting dam, including about 1250 cu. yds. solid rock excavation; 1,000 lin. ft. dry wall; 4,000 sq. ft. cement plaster ditch lining; 70 cu. yds conc. masonry. Spec. obtainable from secretary. **See call for bids under official proposal section in this issue.**

MACDOEL, Siskiyou Co., Cal.—Until July 3, 2 P. M., bids will be rec. by E. O. Bissell, Sect'y., Butte Valley Irrigation District, to const. canals, flume, pipe line and regulation works of Bear Creek Diversion of district, involv. 20,000 cu. yds loose rock and earth excavation; 10,000 cu. yds. solid rock excavation; fur. an placet 400 lin. ft. 61.12-in. dia. metal flume and 1,600 ft. continuous wood stave 32-in. dia. or 1600 ft. electrically welded steel pipe 34-in. dia. Cert. check 10% payable to Sect'y. req. with bid. **See call for bids under official proposal section in this issue.**

SANTA ANA, Cal.—Lawrence Massa, Rte. 12, Box 80-B, Huntington Park, awarded contr. by supervisors for Orange County water works dist. No. 2, Buena Park, at $5088 to excavate and backfill trenches to accommodate proposed pressure system lines of the dist. Bids for supplying the pipe, hydrants, etc., were referred to the engineer for tabulation and analysis.

SACRAMENTO, Calif.—C. E. Grunsky, consulting engineer, 57 Post St., San Francisco, commissioned by Sacramento Deep Water Commission, to conduct an economic survey to determine the feasibility of constructing a ship canal from Sacramento to Suisun Bay. Engineer Grunsky will conduct the survey for a stipulated sum of $9,000.

MANTECA, San Joaquin Co., Cal.—Bids will be asked snortly by South San Joaquin Irrigation District for lining approximately 40 mi. of canals, involv. 2,200,000 sq ft. Gunite, plain conc., rein. conc. lining and asphaltum lining (bids to be asked on all four types); 445,000 cu. yds. earthwork. G. K. Parker, chief engineer for district.

IRRIGATION PROJECTS

WILLOWS, Glenn Co., Cal. — Glenn-Colusa and Williams Irrigation District merger carried at recent election. Directors elected are: W. Durbrow, Theodore Krieberg, M. Fetz, H. C. Sites and Miss California Gibson. Rurbrow is president of the Glenn-Colusa District and Miss Gibson a director. The new consolidated district comprises 117,000 acres. Some improvements are contemplated.

ELSINORE, Cal.—The state bonding commission has under consideration the application of the Ladera Irrigation District to vote on issuing bonds to finance the construction of an irrigation system. The Ladera Districts embracing about 4000 acres of land in Riverside county, proposes to appropriate water from the San Jacinto River. Two reservoirs will be constructed, and a pipe line, and possibly several pumping plants.Olmsted & Gillelen, Hollingsworth Bldg., Los Angeles, consulting engineers, A. L. Adams, Elsinore, is secretary of the district.

SAN DISEGO, Cal.—County supervisors set June 24 as date for election in the Tia Juana Irrigation Dist. to vote on proposed formation of the district, which now embraces about 1170 acres. The proposed dam will impound 224 acre ft.

CALIFORNIA—Following is a partial list of applications filed during month of May with the State Department of Public Works, Division of Water Rights, Sacramento, for permits to appropriate water: (Edward Hyatt, Jr., acting chief of division):

Applcatons

Application No. 3974 (Siskiyou Co.) J. O. McBrown, E. A. McGrown and C. Vincent, Cecilville, Cal., for 37.5 cu. ft. per sec. from Cecil Creek, for hydraulic mining. Est. cost $4000.

App. 3975 (San Bernardino Co.) Victor Cherbak et al, Alto Loma, Cal., for 2 cu. ft. per sec. from underground water (well), for irrigation of 325 acres. Est. cost $15,000.

App. 3976 (Placer & Nevada Cos.) Bear River Water and Power Co., a corporation, Auburn, Cal., for 250 cu. ft. per sec. and 100,000 ac. ft. per annum from Bear River, for generating electricity. 42,994 theoretical h.p. to be developed.

App. 3977 (Placer Co) Bear River Water and Power Co., a corporation, Auburn, Cal., for 250 cu. ft. per sec. and 100,000 ac. ft. per annum from Bear River, for irrigation of 200,000 acres and domestic use in Placer County. Irrigation District to be formed to include this application.

App. 3978 (Sonoma Co) F. E. Barrett, Healdsburg, Cal., for 0.25 cu. ft. per sec from Dry Creek for irrigation of 20 acres. Est. cost $2000.

App. 3979 (Inyo Co) Mary A. Thompson, Trona, Cal., for 5 cu. ft. per sec. from Surprise Canyon for generation of electric power.

App. 3981 (Sonoma Co) Henry Walker, Healdsburg, Cal., for 0.31 cu. ft. per sec. from Dry Creek, for irrigation of 25 acres. Est. cost $1800.

App. 3986 (Plumas Co) H. J. Scanlon Lumber Co., Massack, Cal., for 0.25 cu. ft. per sec. from Spring Garden Creek for boiler feed water, camp and domestic uses in connection with sawmilling operations. Est. cost $1000.

App. 3988 (Modoc Co) James Williams, James Kafader and E. L. Kafader, Fort Bidwell, Cal., for 5.63 cu. ft. per sec. and 450 ac. ft. per annum from Lieberman Creek, for irrigation of 450 acres. Est. cost $2500.

App. 3990 (San Joaquin Co) R. N. Blossom, Thornton, Cal., for 12 cu. ft. per sec. from Mokelumne River for irrigation of 979.31 acres. Est. cost $7500.

App. 3991 (Inyo Co) Burnham Chemical Co., Westend, Cal., for 0.11 cu. ft. per sec. from 8 springs in Graham Jones Canyon, for domestic and mining use. Est. cost $35,000.

App. 3992 (San Bernardino Co) Frank W. Forester, Los Angeles, Cal., for 5 cu. ft. per sec. from an unnamed stream for irrigation and domestic purposes. Irrigation of 800 acres. Est. cost $15,-000.

App. 3993 (San Bernardino Co) Keeshen-Simpson Co., Inc., Los Angeles, Cal., for 160 ac. ft. per annum from an unnamed spring in San Bernardino county for domestic use. Est. cost $11,000.

App. 3995 (Nevada Co) D. L. Jungck, Berkeley, Cal., for 40 ac. ft. per annum from Boulder Creek for irrigation of 200 acres. Est. cost $3000.

App. 3996 (San Joaquin Co) F. C. Allen, Lockford, Cal., for 0.87 cu. ft. per sec. from Mokelumne River for irrigation of 70 acres. Est. cost $1000.

App. 3997 (Los Angeles Co) C. F. Cook and F. E. Woodley, City of Beverly Hills and W. Hollywood, for 8 cu. ft. per sec. and 3000 ac. ft. per annum from Santa Anita Creek for domestic use in residence subdivision and portion of Santa Anita Rancho and Santa Anita Tract. Est. cost $800,000.

App. 4003 (Los Angeles Co) Buford W. Smith, Francis Marion Ewalt, and Clyde E. Robinson, Los Angeles, Cal., for 0.001 cu. ft. per sec. from Trail Canyon for domestic purposes. Est. cost $1000.

App. 4004 (Inyo Co) W. W. Bramlette Little Lake, Cal., for 0.5 cu. ft. per sec. from springs, for domestic and irrigation of 10 acres. Est. cost $1500.

App. 4005 (San Bernardino Co) U. S. Forest Service, Dept. of Agriculture. Los Angeles, Cal., for .025 cu. ft. per sec. from percolating water for domestic purposes. Est. cost $1500.

App. 4007 (Santa Barbara Co) San Lucas Ranch Co., Santa Ynez, Cal., for 5 cu. ft. per sec. from wells in Santa Ynez river for irrigation of 279.5 acres. Est. cost $20,000.

App. 4008 (Santa Barbara Co) San Lucas Ranch Co., of Santa Ynez, Cal., for 2 cu. ft. per sec. from wells in Santa Ynez river for irrigation of 58 acres. Est. cost $7000.

Permits

Following is a partial list of permits granted by the Division during the month of May:

Permit No. 1707 (Mendocino Co) Issued to Charles R. Havens, 114 Sansome St., San Francisco, for 1.87 cu. ft. per sec. from East Fork of Russian River for irrigation of 150 acres. Est. cost $2000.

Permit 1708 (Mendocino Co) E. W. and W. N. Dutton, Ukiah, Cal., May 5, 1924 for 0.56 cu. ft. per sec. from a well on bed of Russian River in Sec. 33 T 15 N, R 12 W, for irrigation of 45 acres in lot 73 of Yokayo Rancho. Estimated cost $3500.

Permit 1709 (Mendocino Co) D. Howell, Ukiah, for 2.47 cu. ft. per sec. from Russian River for irrigation of 198 acres. Est. cost $4000.

Permit 1710 (Mendocino Co) Mrs. Anna Gambrel, Ukiah, for 1.3 cu. ft. per sec. from Russian River, for irrigation of 104 acres in Rancho de Sanel.

Permit 1711 (Mendocino Co) Florence G. McFarling, Ukiah, for 0.28 cu. ft. per sec. from Russian River for irrigation of 22.5 acres. Est. cost $1350.

Permit 1712 (Los Angeles Co) Wm. E. Huyler, Los Angeles, for 0.125 cu. ft. per sec. from Warm Springs for swimming pool and bathing purposes. Est. cost $2000.

Permit 1718 (Ventura Co) The Dennison Ranch Co., Ojai, Cal., for 1 cu. ft. per sec. and 60 ac. ft. per annum from Lion Canyon Creek, for irrigation of 101 acres. Est. cost $10,000.

Permit 1720 (Tehama Co) Charles Sydney Watson, Henleyville, Cal., for 0.71 cu. ft. per sec. from Thomas Creek for irrigation of 57 acres. Est. cost $2500.

Permit 1721 (Yolo Co) I. George Swanston, Sacramento, for 33.3 cu. ft. per sec. from Sacramento River for irrigation of 2564 acres. Est. cost $20,-000.

Permit 1722 (Butte Co) James H. Jones, Chico, for 6 cu. ft. per sec. from Butte Creek for irrigation of 1616.9 acres. 200 acres to be of rice. Est. cost $1500.

Permit 1723 (Riverside Co). Stuart D. Allen, Star Route Redlands, for 0.5 cu. ft. per sec. from Whitewater River for irrigation of 40 acres. Est. cost $1000.

Permit 1724 (San Diego Co) Coronado Water Co., a corporation, San Diego, for 6.65 cu. ft. per sec. from underground flow of the Tia Juana Valley Basin, for municipal purposes on the peninsula of San Diego and vicinity. Estimated cost $125,000.

Permit 1725 (Butte Co) Harriet W. Brown and George W. Greenwood, Oroville, for 1.5 cu. ft. per sec. from Kings Creek and Lincoln House Ravine for irrigation of 200 acres. Est. cost $1500.

Permit 1728 (San Joaquin Co) Harry F. Wolfinger and Frank Wolfinger, Stockton for 0.75 cu. ft. per sec. from San Joaquin River, for irrigation of 60 acres. Est. cost $1575.

Permit 1729 (Sonoma Co) Wm. S. Waters, Healdsburg, for 0.75 cu. ft. per sec. from Russian River for irrigation of 60 acres. Est. cost $2900.

Permit 1730 (Tehama Co) U. B. Tyler Red Bluff, for 33.31 cu. ft. per sec. from Sacramento River for irrigation of 2665 acres. Est. cost $65,000.

Permit 1732 (San Diego Co) Roy Kincaid et al, Boulevard, Cal, for 0.62 cu. ft. per sec. from an unnamed stream for domestic use and irrigation of 50 acres. Est. cost $1000.

Permit 1733 (Solano Co) Hastings Reclamation District No. 2060 San Francisco for 91.5 cu. ft. per sec. from Cache .Lindley and Barker Sloughs and Ulatis Creek and Yolo By-pass by movable syphons for irrigation of 7314 acres within Reclamation District No. 2060. Est. cost $20,000.

Permit 1734 (Trinity Co) Henry C. Smith of Hayfork, Cal., for 0.89 cu. ft. per sec. from Hayfork Creek, for irrigation of 71 acres. Est. cost $2400.

Permit 1735 (San Benito Co) San Benito Asbestos Co., San Francisco, for 005 cu. ft. per sec. from 2 unnamed springs for mining and domestic purposes. Est. cost $1000.

Permit 1736 (Santa Clara Co) Minnie A. Kell, Morgan Hill, Cal., for 0.98 cu. ft. per sec. from Uvas Creek for irrigation of 78.27 acres. Est. cost $3000.

Permit 1739 (Stanislaus Co) D. E. Kelliher, Eugene, Cal., for 1.44 cu. ft. per sec. from Little Johns Creek for irrigation of 115 acres. Est. cost $3025.

Permit 1744 (Lake Co) L. J. Gamble, Middletown, Cal., for 1.77 cu. ft. per sec. from Putah Creek, for irrigation of 141.7 acres. Est. cost $7500.

Permit 1746 (Eldorado Co) Cutter Brothers et al, Sacramento, Cal. for 0.012 cu. ft. per sec. from a spring and an unnamed stream for domestic purposes. Est. cost $2000.

LIGHTING SYSTEMS

SAN GABRIEL, Cal.—Until 7:30 p. m. July 8, bids will be rec. by city trustees to const. ornam. lighting system in Shorb Rd. bet. Hermosa Dr. and Las Tunas Dr. Cert. check or bond 10%. Ira H. Stouffer, city clerk.

BAKERSFIELD, Kern Co., Cal. — Robinson-Electric Co., Fresno, at $11,-270 submits low bid to city council to install electrolier system in Baker and Sumner Sts. Other bids, taken under advisement, were: Star Electric Co., $16,800; A. C. Rice, $11,686.

GLENDORA, Cal. — Robertson Elec. Co., Santa Ana, awarded cont. by council at $12,895 to const. ornam. lighting system on Ada, Glendora, Wabash and Whitcomb Aves.

HUNTINGTON BEACH, Cal.—A. C. Rice, 1963 Santee St., Los Angeles, submitted low bid to city trustees at $6265 to const. ornam. lighting system in 11th street. Other bids were: Roscoe E. McIntosh, $6285; Robertson Elec. Co., Santa Ana, $6926.

MACHINERY AND EUIPMENT

SAN JOAQUIN, Fresno Co., Cal.—Until July 3, 10 a. m., bids will be rec. by H. M. Crocker, clk, San Joaquin School District, to fur. and del. (1) Ford 1-ton truck, equipped with full set of steel wheels; (2) 3-ft. Fab-Co. extension; (3) Model F-25 passenger school bus body. Further information obtainable from clerk.

OAKDALE, Stanislaus Co., Cal. — Until June 20, 8 p. m., bids will be rec. by J. A. Rydberg, clerk Oakdale Union School District, to fur. and del. school bus body to replace one now in use; to have seating capacity of 45 pupils Further information obtainable from clerk.

SAN FRANCISCO—Until June 23, 3 P. M., bids will be rec. by Leonard Leavy, city purchasing agent, 270 City Hall, to fur. and del. six motor trucks with dump bodies. Spec. obtainable from above office.

BAKERSFIELD, Kern Co., Cal. — Bids will be asked at once by city council to fur. street sweeper machine, est. cost $6850. V. Van Riper, city clk.

STOCKTON, San Joaquin Co., Cal.—Incomplete returns show bond issue for $26,300 to finance purchase of motor equipment for city engineering department carried. W. B. Hogan is city engineer and C. E. Ashburner, city manager.

SACRAMENTO, Calif.—Until June 30, 8 p. m., bids will be rec. by R. L. Ennis, clerk, Fruit Ridge School District, Roosevelt and Sutter Aves., Sacramento to fur. 1-ton auto truck to be used as chassis for transportation of pupils. Cert. check 5% req. with bid. Further information obtainable from clerk.

SAN JOSE, Santa Clara Co., Cal.—Until July 7, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to fur. and del. 2 second hand motor trucks and 2 second hand trailers with dump bodies. Spec. on file in office of clerk. Robert Chandler, County surveyor.

RAILROADS

ARIZONA — Southern Pacific R. R. Co., 65 Market St., San Francisco, plans construction of main line r. r. through Phoenix, Ariz., as soon as steps have been completed between that company and El Paso and Southwestern system for associating their properties in furtherance of the Interstate Commerce Commission's plan for consolidation of railroads. Road will start at or near Red Rock or Picacho through the Cast Grande Valley Irrigation project, connecting with the Pheonix and Eastern, whose line, with the Arizona Eastern from Phoenix to Hassayampa, will soon be brought up to main line standards and will be connected by new construction with the present S. P. between Colfred, Ariz., and Indio, Calif.

FIRE ALARM SYSTEMS

YUBA CITY, Sutter Co., Cal.—Sixteen boxes will be installed in connection with city fire alarm system, the work to be financed through funds obtained by public subscription; est. cost $6000.

LOS ANGELES, Cal.—Until 9 a. m., June 19, bids will be rec. by city purchasing agent, 202 n city hall annex, for electric sirens under spec. 945. Separate bids, same date, to fur. sirens under spec. 946.

LODI, San Joaquin Co., Cal.—Lodi Businessmen's Association is conferring with city trustees regarding installation of call-box fire alarm system. It is estimated the boxes could be installed for $125 each, the total cost of the first installation being $3250 for 25 boxes, making the total installation for the city approx. $10,000. W. H. Faust is secreta y of the fire department.

FIRE EQUIPMENT

STOCKTON, San Joaquin Co., Cal.—Incomplete returns show bond issue for $346,000 to finance purchase of fire apparatus and installation of alarm system carried. W. B. Hogan, city eng. and C. E. Ashburner, city mgr.

RESERVOIRS AND DAMS

OAKDALE, Stanislaus Co., Cal. — R. E. Hartley, chief engineer for Oakdale Irrigation, has submitted report to directors covering proposed storage dams at Beardslee Flat. For a dam 145-ft. high, impounding 30,000 acre feet, the cost is estimated at $814,000 and for a dam 200 ft. high, impounding 60,000 ac. feet, the cost is placed at $1,549,200. These estimates are itemized as follows:

200 Foot Dam—60,000 Acre Feet

Item	Cost
550,000 cu. yds. rock fill in dam @ $2.00	$1,100,000
4000 cu. yds. concrete in facing, cut off wall, wave wash and spillway @ $20	80,000
6000 cu. yds. rock excavation in cut off trench & spillway @ $2.00	12,000
Spillway control	3,000
Outlet works and River by pass	60,000
3000 ft tramway from old R.R. spur to dam site @ $2	6,000
Right of way for reservoir	30,000
Incidentals, Engineering, etc., 20 per cent	258,200
	$1,549,200

Cost of Storage $25.82 per Acre Foot

145 Foot Dam—30,000 Acre Feet

Items	Cost
215,000 cu. yds. rock fill in dam @ $2.20	$473,000
3000 cu. yds. concrete in facing, cut off wall spillway and wave wash @ $20	60,000
5800 cu. yds. rock excavation in cut off trench & spillway @ $2.00	11,600
Spillway Control	3,000
Outlet works and River by pass	55,000
3000 feet tramway from R.R. Spur to dam site @ $2	6,000
Railroad crossing over upper end of reservoir	40,000
Right of way for reservoir	30,000
Incidentals, eng., etc., 20%	135,920
Total	$814,520

Cost of storage, $27.15 Per Acre Foot

STOCKTON, San Joaquin Co., Cal.—Incomplete returns show bond issue for $1,500,000 to finance construction of Valley Springs flood control dam project carried. The project involves the const. of a dam costing $1,400,000 and a levee to protect from flood waters of Littlejohn creek, the levee to cost $100,000. In connection with this work U. S. Engineers have promised an expenditure of $220,000 to dredge the mouth of the Calaveras river and of the diverting canal to handle waters from the dam which will be made to average 7500 second feet. W. B. Hogan is city engineer and C. E. Ashburner, city manager.

MINDEN, Nevada—Danberg Co. has started construction of storage reservoir at Heyman Lakes, Alpine County, Calif., for storage of 16,000 ac. ft. of water. The lakes are at the headwaters of the East Fork of the Carson River and the water will be used to irrigate extensive land holdings of the company in Carson Valley. Directors of the Carson River Irrigation District are working on plans for building of a large storage reservoir at Double Springs.

PIPE LINES, WELLS, ETC.

MacDOEL, Siskiyou Co., Cal.—Until July 3, 2 p. m., bids will be rec. by E. O. Lissell, secy. Butte Valley Irrigation District, to const. canals, flume, pipe line and regulation works of Bear Creek Diversion of district, involv. 20,-000 cu. yds. loose rock and earth excavation; 10,000 cu. yds. solid rock excavation; fur. and place 400 lin. ft. 61.12-in. dia. metal flume and 1600 ft. continuous wood stave 32-in. dia. or 1600 ft. electrically welded steel pipe 34-in. dia. cert. check 10% payable to secy. req. with bid. **See call for bids under official proposal section in this issue.**

COSTA MESA, Cal.—Until 7:30 p. m., June 28, bids will be rec. by Newport Mesa Irrigation Dist., Orange county, for materials and constr. pipe lines involving 1475 ft. 4-in., 1365 ft. 6-in. riveted steel pipe. Plans on file at office of secy. Cert. check 5%. D. J. Dodge, secretary.

SANTA ROSA, Sonoma Co., Cal. — County Purchasing Agent authorized to purchase 3170 ft. 1½-in. water pipe with necessary fittings for use at Armstrong Grove, cost not to exceed $1000. W. W. Felt, Jr., county clerk.

LOS ANGELES, Cal.—Until 3 p. m., June 20, bids will be rec. by public service comm. 207 S Broadway, for approx 8568 tons cast iron water pipe, std. dipped bell and spigot, in sizes 4 ,6, 8, 12, 16 and 24-in.; alternative bids will be taken on De Lavaud centrifugal cast iron pipe of class 250 or equal. Spec. on file at office of the secy., Jas. P. Vroman, Adv. No. 716-D.

BURBANK, Cal.—G. W. Redman, 244 American Ave., Long Beach, awarded cont. by city trustees at $4423 to fur. and lay 2-in. and 4-in. wrought iron standard screw black non-dipped water pipe and appliances in various streets.

SAN FRANCISCO—Board of Public Works withdraws call for bids to fur. 1655 tons of c. i. pipe for Hetch Hetchy project and contract will be carried out with U. S. Cast Iron Pipe & Foundry Co., Monadnock Bldg., San Francisco, for $187,802. This contract was recently cancelled by the Board of Supervisors which desired, in the face of protests, to award the contract to a local firm.

ROSLYN, Wash.—Until July 14, 8 P. M., bids will rec. by city council to move pipe line steel bridge and reconst. portion of present gravity pipe line, involv 6266 ft. trench; 1266 ft. 12-in. Matheson joint steel pipe; 5350 ft. National Converse 12-in. steel pipe. Spec. obtainable from city clerk.

SEWAGE DISPOSAL PLANTS

TULARE, Tulare Co., Cal.—July 17 is date set to vote bonds of $165,000 of which $130,000 will finance sewer construction and $35,000 for sewage treatment plant Elrod Engineering Co., Mills-Fraser Bldg., Santa Monica, engineers for project.

MISCELLANEOUS CONSTRUCTION

SAN DIEGO, Cal. — Council adopts resolution determining to submit at a special election, to be called probably late in August, four proposed bond issues: $3,600,000 for acquisition of lands and construction of arched, gravity section, masonry type dam at Mission Gorge Dam site No. 2 on San Diego river; $400,000 for acquisition of lands for another dam and reservoir, also on the San Diego river; $225,000 for construction of shed, tracks, etc., on municipal pier No. 2; $250,000 for dredging bay front between Columbia and Eighth sts and construction of 3000 ft. of bulkhead. A. H. Wright, city clerk.

WATER WORKS

DEL MAR, Cal.—Robt. F. Cowles, engr., 740 S Broadway, L. A., preparing plans for water distribution system in Del Mar for South Coast Land Co., owners of a large portion of the town, including the Stratford Inn. The system will include a reservoir, pipe lines and a booster pump system to raise the water to the higher levels, with storage tanks. This work will be paid for by the owners.

PERRIS, Cal.—Election will be held shortly to vote $9500 bond issue for reservoir and for additions to present water system.

SACRAMENTO, Cal.—Following bids rec. by Callahan Construction Co., and Smith Bros., Inc., 301 California Fruit Bldg., Sacramento, to const. rein. conc. pumping station and discharge conduit; fur. and install all necessary conduits, wiring etc., together with complete installation of 6-24-in. vertical pumps and motors, 6 motor starters, gate valves, hydraulic, hydraulic pressure system, etc., all in Reclamation District No. 1660.

Davison and Nicolsen, Stockton, Cal. $30,000
Tibbals, Percival & Cress, Sacto 31,768
Holdener Const. Co., Sacto..... 33,725
Davis-Heller-Pearce Co., Stktn. 38,010
J. L. Webster, Chico 37,880
Frederickson & Shannon, Sacto 35,430
Olympian Dredging Co., S. F.... 39,896
Cobby & Owsley, S. F. 39,984

Contract awarded to Davison and Nicolsen, Stockton, for buildings only at $23,253.

Butte Elec. and Mfg. Co., 956 Folsom St., San Francisco, at $3000 awarded contract to fur. and install wiring, switches, etc.

Byron-Jackson Pump Mfg. Co., San Francisco, at $3750 awarded contract for installation complete of pumping equipment.

PORTLAND, Ore.—Until June 30, 2 P. M., bids will be rec. by Frank Coffinberry, city purchasing agent, to fur. 100 fire hydrants. Cert. check 10% payable to city req. Further information obtainable from above office.

GLENDALE, Cal.—Approx. quantities for water pipe work on Garfield Ave., Windsor Rd., Maple St., and Columbus Ave., bids for which will be opened by council, June 19, are: 2770 lin. ft. 4-in. class B, c. i. water pipe; 3830 ft. 6-in. class B pipe; 150 service connections.

MARYSVILLE, Yuba Co., Cal.—Until June 16, 7 p. m., bids will be rec. by Geo. W. Richards, city clerk, to fur. and install at Ellis Lake, one two stage, 14-in. deep well turbine centrifugal pump, 25-h.p., 3-phase, 60-cycle, 220-volt, 1200 r.p.m. vertical electric motor connected, to del 1000-gals. of water per min. against 50-ft. head. Cert check 10% req. with bid. **See call for bids under official proposal section in this issue.**

MODESTO, Stanislaus Co., Cal.—City council, H. E. Gragg, city clerk, adopts ordinance authorizing const. of additional well for Municipal Water Works and installation of necessary pumping equipment in addition to structure to house the equipment. F. W. McCarton, city engineer.

CARMICHAEL, Sacramento Co., Cal.—Carmichael Irrigation District is having plans prepared for new pumping plant.

SACRAMENTO, Cal.—Crane Co., 1277 Front St., Sacramento, at $65 each, awarded cont. by city commission to fur. 50 fire hydrants.

RENO, Nevada—John F. Richardson, manager of the Newlands Project, announces he has recommended installation of a pumping plant at Lake Tahoe to Dr. Elwood Mead, reclamation service commissioner. Specifications for the plant have been prepared by State Engineer Robert Allen. The plant, as outlined by the state engineer, would cost approximately $25,000. It would consist of two fifty-five horsepower pumps, raising the water through two twenty-four-inch pipes. The pumping plan also calls for construction of a flume by the Truckee Meadows ranchers and maintenance of operators at the plant.

SANTA MONICA, Cal.—J. L. Schimmer, Ocean Park, submitted low bid to council at $111,000 (complete work) to const. 2 reservoirs for city water system. Elrod Engineering Co., 209 Mills-Fraser Bldg., Santa Monica, engs. The bid was: (1) $59,300 for the 5,000,000-gal. Arcadia reservoir; (2) 40c cu. yd. for 16,000 cu. yds. excav. for this reservoir; (3) $39,000 for the 2,500,000-gal. Olivette reservoir; (4) 45c cu. yd. for 14,000 cu. yds. excav. for the Olivette reservoir. Other bids were:

Metcalf-Sanet Co.—(1) $63,472; (2) 45c; (3) $38,006; (4) 45c.

Kinne & Westerhouse—(1) $65,380; (2) 41c; (3) $40,840; (4) 43c.

Davidson & Nicolsen—(1) $66,112; (2) 43.5c; (3) $42,150; (4) 50c.

Western States Contr. Co.—(1) $68,206; (2) 42c; (3) $47,518; (4) 52c.

Barrett & Hilp—(1) $71,500; (2) 63c; (3) $46,750; (4) 55c.

Thos. Kelly & Sons—(1) $72,000; (2) 50c; (3) $53,000; (4) 50c.

R. E. Campbell—(1) $73,313; (2) 55c; (3) $44,683; (4) 55c.

Union Constr. Co.—(1) $73,492; (2) 43c; (3) $46,592; (4) 49c.

T. B. Stewart Constr. Co.—(1) $81,000; (2) 40c; (3) $54,845; (4) 44c.

PLAYGROUNDS AND PARKS

MONTEREY, Monterey Co., Cal.—Del Monte Properties Co., 620 Market St., San Francisco, contemplates the erection of a clubhouse and a new eighteen hole golf course at Cypress Point in Monterey. F. B. Morse is president of the company.

PALO ALTO, Santa Clara Co., Cal.—Election to vote bonds of $80,000 to finance purchase and improvement of public park lands failed to carry, 739 being for and 407 against the issue.

STOCKTON, San Joaquin Co., Cal.—Until June 16, 5 P. M., bids will be received by A. L. Banks, city clerk, to const. two tennis courts in Oak Park. Cert. check 10% payable to City Auditor req. Plans on file in office of clerk. W. B. Hogan, city eng.

STOCKTON, San Joaquin Co., Cal. — Incomplete returns show bond issue for $137,900 to finance park improvements carried. W. B. Hogan is city eng. and C. E. Ashburner, city manager.

SALINAS, Monterey Co., Cal. — City council plans to establish a city park and playground on the Coulter property at San Luis and Monterey Sts.

SAN FRANCISCO — Standard Fence Co., 432 Bryant St., San Francisco, at $4,380 awarded contract by Constructing Quartermaster to const. fence at Lobos Creek, Presidio.

OAKLAND, Cal.—City Park Department will request $389,945 appropriation in 1923-24 budget of which $214,000 will finance improvements and $175,945 for maintenance. E. K. Sturgis, city clerk.

SEWERS & STREET WORK

TULARE, Tulare Co., Cal.—July 17 is date set to vote bonds of $165,000 of which $130,000 will finance sewer construction and $35,000 for sewage treatment plant. Elrod Engineering Co., Mills-Fraser Bldg., Santa Monica, engineers for project.

SEATTLE, Wash.—County Eng. Beeman preparing spec. to pave 4-mi. of Renton-Maple Valley road from east end of 4-mi. paving project now under construction; est. cost $125,000.

FRESNO, Fresno Co., Cal.—Thompson Bros., Divisadero and G Sts., Fresno, submitted low bid to city council to const. sewers in Blocks 82 83 84 etc., Fairmont District, (Res. of Inten. No. 15-D) at (a) 10,155 lin. ft. 6-in. vit. clay pipe lateral sewers, $.45; (b) 30 manholes, $40; (c) 42 lampholes, $12. Other bids were: G. H. Walley, $6890; W. J. Tobin, $8724; Merced Conc. Pipe Co., $8658. Taken under advisement.

ALHAMBRA, Cal. — $30,000 storm drain bond issue failed to carry at recent election.

MONROVIA, Cal.—B. R. Davisson Co. Monrovia, awarded cont. by city trustees at $11,321 to imp. Sierra Vista and Valle Vista Aves., involv. grading, oil tamped pavement, cem. curbs, gutters, walks, san. sewer, manholes, flush-tanks, 62 sewer laterals.

EUREKA, Humboldt Co., Cal.—City council, A. Walter Kildale, clerk, declares inten. (No. 168) to imp portions of Myrtle Ave., involv. grade and pave with 5½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface and portions with 3½-in. asph. conc. base with 1½-in. Warrenite surface; c. i. and conc. culverts; cem curbs. City will pay $4562 as its portion of cost. 1911 act and Bond Act 1915. Protests June 24. Harry H. Hannah, city engineer.

EUREKA, Humboldt Co., Cal.—City council, A. Walter Kildale, clerk, declares inten. (No. 167) to imp. portions of 2nd St., grade and pave with 5½-in. asph. conc. base with 1½-in. Warrenote-Bit. surface and portions with 3½-in. asph. conc. base with 1½-in. Warrenite surface; c. i. and conc. culverts; vit. sewers; cem. conc. curbs. 1911 Act and Bond Act 1915. Protests June 24. Harry H. Hannah, city engineer.

MERCED, Merced Co., Cal. — City trustees, W. W. Cornell, clerk, declares inten. (No. 359) to const. corru. iron culverts in 21st St., at intersections with J, K, and L Sts., and intersections of 22nd St., with J, K, and L Sts., by const. No. 8 corru. iron culverts; 21st St., bet. G and M Sts., including intersections and G and M Sts., and 22nd St., bet. G and M Sts., by repaving with asph. conc. covered with road oil 95% asphalt applied hot and covered with pea gravel and rolled. 1911 Act & Bond Act 1915. Protests June 23. C. D. Martin, city eng.

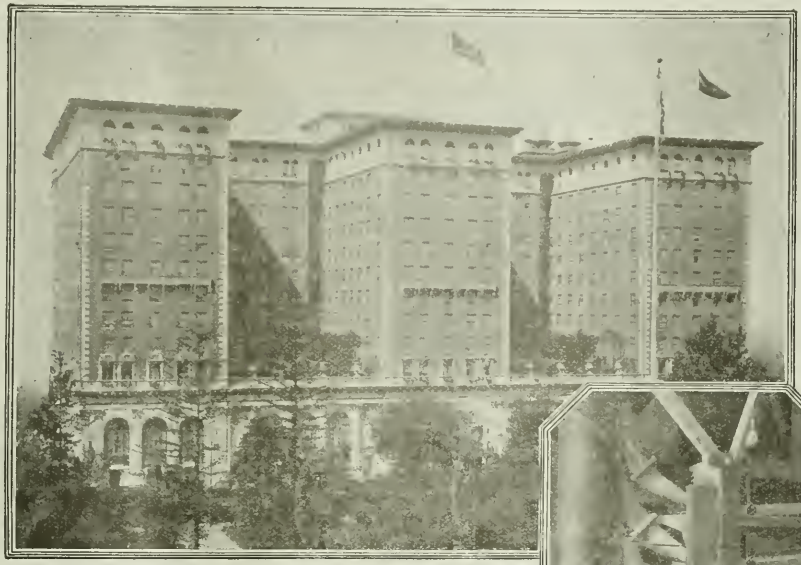
GLENDALE, Cal. — Approx. quantities of materials for street work, bids for which will be opened by council June 19, are

Sinclair, Stanley and Richland Sts., involv. 104,050 sq. ft. grading; 80,100 sq. ft. 3-in. macad. paving; 12,050 sq. ft. sidewalk; 121 sq. ft. cem. conc. gutter; 2775 lin. ft. curb; 1350 lin. ft. 6-in. water pipe and house connections; 290 lin. ft. 4-in. water pipe and hse. connections; 2530 lin. ft. 8-in. vit. pipe sewer; 2 manholes; 1 junction chamber 2 flush tanks; 1 lamp hole; 70 6-in. wyes and hse. connections.

Acacia Ave., involv. 36,350 sq. ft. grading; 24,275 sq. ft. 5-in. macad. paving; 6350 sq. ft. sidewalk; 1210 lin. ft. curb; 624 lin. ft. 6-in. water pipe.

WINNEMUCCA, Nevada—Due to protests, city council has abandoned proceedings to pave Bridge St., bet. 3rd and 40th Sts.

LASSEN COUNTY, Calif.—T. H. and M. C. Polk, Chico, at $47,681 (engineer's estimate $57,137) awarded contract by State Highway Commission to pave with asph. macadam 4.5-mi. in Lassen County bet. Susanville and Johnstonville.



BILTMORE HOTEL, LOS ANGELES
SCHULTZE & WEAVER, *Architects*

Twenty-six Tons of PIONEER WHITE LEAD

were used on the magnificent
BILTMORE HOTEL

The patented vacuum cleaning device shown here is just one reason why Pioneer White Lead is always whiter than other Old Dutch Process White Leads. This device is an exclusive Fuller feature, and insures even the finest particles of impurities being removed.

That Pioneer White Lead was specified and used on this magnificent hotel is merely another instance which emphasizes the high esteem in which this product is held by prominent architects.

W. P. FULLER & CO.

FULLER
PAINTS Since '29 **VARNISHES**

SAN DIEGO, Cal.—Downer & Mero, Richmond, were awarded contr. by council at $159,016 to const. sanitary sewer system at Mission Beach.

HAWTHORNE, Cal. — Until 8 p. m., June 23, bids will be rec. by city trustees to imp. under 1911 act and 1915 bond imp. act:

Broadway, bet. Birch and Prairie Ave., involv. 1880 lin. ft. grading; 3661 lin. ft. curb; 18,926 sq. ft. 4-in. cem. walk; 7322 sq. ft. 5-in. cem. conc. gutter; 90,428 sq. ft. 2-in. Willite wearing surface on 3-in. asph. conc. base; 17 cast iron lighting standards; 2-in. d. g. subbase required under all improvements.

Truro and Eucalyptus Aves. & Miramar St., involv. 2144 lin. ft. grading; 7026 ft. curb; 34,081 sq. ft. walk; 14,052 sq. ft. 5-in. conc. gutter; 102,971 sq. ft. 1½-in. Willite wearing surface on 2½-in. asph. conc. base; 1159 lin. ft. 2x12 redwood headers; 2-in. d. g. subbase required under all improvements.

Plans on file at office of city engr., Victor H. Staheli. Cert. check or bond 10%. S. V. Fraser, city clerk.

SOLANO COUNTY, Calif.—J. H. Tillman Co., Railway Exchange Bldg., Portland, Ore., at $382,102.50 (Eng. est. $397,832.50) awarded cont. by State Highway Commission for 1.2-mi. of highway in Ventura county bet. sea Cliff and Rancho El Rincon, to be protected by seawall and graded. Project involv. 63,100 cu. yds. roadway embankment without classification; 17,050 cu. yds. structure excavation without classification; 16,250 cu. yds. class A cem. conc. (seawall); 990 cu. yds. class E cem. conc. (culverts); 845 hundredweights bar rein. steel in place. Commission reserves right to award contract, on basis of omitting roadway embankment from the work to be done.

MARTINEZ, Contra Costa Co., Cal.—County Surveyor R. R. Arnold making survey for 2 mi. of road from San Ramon Valley to Alameda County Crow Can road.

CHICO, Butte Co., Cal. — Clark and Henery Construction Co., Chancery Bldg., San Francisco, at $127,491.71 awarded contract by city trustees to imp. portions of Normal Ave., Chestnut, Cherry Sts., etc., involv. constr. conc .curb and gutter; c.i. gutter drains with 8-in. vit. sewer connections; reconst. existing manholes and gutter drains; const. hyd. cem. conc. walks; corru. iron culverts with conc. bases; grade and pave with 5-in. asph. conc. with seal coat; grade and pave alley in Block 66 with 5-in. hyd. conc. Following is complete list of bids received:

Clark & Henery, Stockton	$127,491
J. E. Johnson, Stockton	128,814
J. A. Dowling, S. F.	128,929
Federal Paving Co.	129,596
Valley Pav & Const. Co. Fresno	132,614
Chico Contracting Co., Chico	139,317
A. Teichert & Son, Sacramento	142,004
Raisch Imp. Co., S. F.	145,985
M. C. Polk, Chico	154,869

YREKA, Siskiyou Co., Cal. — Until July 7, 10 a. m., bids will be rec. by W. J. Neilson, county clerk, to gravel 2nd unit of Dorris to MacDoel road, 3-mi. in length. Cert. check 10% req. with bld. Spec. obtainable from Albert J. Parrott, county surveyor.

COLUSA, Colusa Co., Cal.—Until June 27, 2:05 p. m., bids will be rec. by T. D. Cain, county clerk, to const. West Approach to Meridian Bridge, from east end of present Highway pavement to west end of Meridian bridge, involving 1090 lin. ft. grading and sub-grading; 170 cu. yds. asph. conc. pavement. Plans obtainable from County Engineer J. M. Felknor.

OAKLAND, Cal. — Hutchinson Co., Hutchinson Bldg., Oakland, awarded following contracts by council:

Portions of Renwick St., involv. grading, $.06; conc. curb, $.76; conc. gutter, $.27; oil macadam pave, $.15.

Portions of Gordon St., involv. grading, $.08; conc. curb, $1; conc. gutter, $.27; oil macadam pavement, $.25.

Portions of E-12th St., involv. 8-in. pipe sewer, $1.10; manholes, $90; lampholes, $20; wye branches, $.60.

MERCED, Merced Co., Cal.—City trustees W W. Cornell, clerk, declare inten. (No. 365) to imp. L St., bet. 23rd and 24th Sts., etc., involv. grade and pave with 2½-in. asph. conc. base, Willite process, with 2½-in. asph. conc. surface, Willite process, with seal coat; const. hyd. cem. conc. curbs and gutters. 1911 Act and Band Ace 1915. Protests June 23. C. D. Martin, city eng.

DEL NORTE COUNTY, Cal.—Until June 25, 10 A. M., bids will be rec. by C. H. Purcell, Dist. Eng., U. S. Bureau of Public Roads, 317 New Post Office Bldg., Portland, Ore., to const. Grants Pass-Crescent City highway (Elk Creek-Patrick Creek Section) Siskiyou Nat'l. Forest, Del Norte County, Calif., 12.1 mi. involv. 90 acres clearing; 60 acres grubbing; 400,000 cu yds. unclassified excavation; 55,000 cu. yds. sta. overhaul; 12.1 mi. finishing graded road; 650 cu. yds. conc.; 1,000 cu. yds. cem. rubble masonry; 4,075 lin. ft. culverts. Gov't. has equipment for lease to contractors.

Plans obtainable from engineer on deposit of $10, returnable. Checks to be made payable to Secretary of Agriculture of U. S **See call for bids under official proposal section in this issue.**

SAN JOSE, Santa Clara Co., Cal. — City council, J. J. Lynch, clerk, declares inten. to imp. Vine St., bet. Park Ave. and San Carlos St., involv. grade and pave with 2-in. Durite asph. conc. surface on 3½-in. Durite asph. conc. base; hyd. cem. conc. curbs and gutters. 1911 Act & Bond Act 1915. Protests June 30. Wm. Popp, city eng.

SAN JOSE, Santa Clara Co., Cal. — City Council, J. J. Lynch, clerk declares inten. to imp. Jackson St., bet. First and 11th Sts., involv. grade and paye with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base; hyd. cem. conc. walks, 10 storm water inlets, curbs and gutters; 8-in. vit. pipe drains 10 br. catchbasins. 1911 Act and Bond Act 1915. Protests June 30. Wm. Popp, city engineer.

EUREKA, Humboldt Co., Cal.—Bids will be asked at once by county supervisors to widen Lord Ellis road and to construct 6 mi. of new Hoopa-Willow Creek road. A. J. Logan, county surveyor.

EUREKA, Humboldt Co., Cal.—Following contracts awarded at last meeting of county supervisors:

Hansen Creek bridge, W. C. Elsemore, Eureka, $994.

Oil Creek bridge, W. Kepper, $1400.

Gans Prairie road, W. S. Selvage, price for rock $2.49 yard.

Bair-Hoopa road, Smith Bros., $8435.

Petrolia-Capetown wall, H. Padgett, Eureka, $7210.

Long crib at Devil's Gate, $5.75 foot.

Grizzly Creek road, H. C. Anderson, $20,500.

Ocean House to Domingo hill road on Petrolia road. Early & Kelly, $29,200.

Elk River road, Mercer-Fraser Co., Eureka, (approximately) $15,500.

Miranda-Salmon Creek road, H. Padgett, Eureka, $9750.

OAKLAND, Cal.—Bates and Borland, Oakland Bank Bldg., Oakland, awarded contract by council to imp. portions of Monticello Ave., involv. grading, $.095; conc. curb, $.85; conc. gutter, $.30; oil macadam pavement, $.12; cem walks $.185; 10-in. pipe conduit, $3.50; storm water inlets, $75.

OAKLAND, Cal. — City council contemplates calling election Sept. 30 to vote bonds of approximately $1,000,000 to finance sewer construction. W. W. Harmon, city engineer.

LOS ANGELES, Cal.—Geo. R. Curtis Paving Co., Inc., 2440 E 26th St., awarded contr. by Bd. Pub. Wks. at $100,246 to imp. Division St., bet. Woolam St. and San Fernando Rd., involving grading at $18,600; 18,375 sq. ft. cem. conc. paving 23c ft; 138,897 sq. ft. Warrenite-bitul. paving 26c ft; 618 sq. ft. bitum. base paving 14c ft; 8267 ft. curb 70c ft; 38,444 sq. ft. walk 22c ft; 8599 sq. ft. gutter 35c ft; storm drain $3965; cem. pipe san. sewer, $20,000.

OROVILLE, Butte Co., Cal. — City trustees vote to pave Huntoon St. bet. Grace and High Sts. Trustees contemplate early paving of Lincoln and Pine Sts., and Orange and Hammond Aves.

LEWIS COUNTY, Wash.—Until June 26, 10 a. m., bids will be rec. by C. H. Purcell, Dist. Eng. U. S. Bur. Pub. Rds., 316 New Postoffice Bldg., Portland, Ore., to const. Randle-Yakima Forest Rd., partly within Rainier Natl. Forest, Lewis County, Wash., 4.4-mi. in length involv. 21 ac. clearing; 13 ac. grubbing; 23,000 cu. yds. rock excavation; 5000 cu. yds. common excavation; 500 cu. yds. structure excavation; 35,000 cu. yds. sta. overhaul; 4.4 mi. finishing earth road; 245 cu. yds. class C conc.; 1250 lin. ft. pipe culverts; 1 50-ft. Howe truss; 9000 cu. yds. crushed rock or crushed gravel surfacing. Spec. obtainable from eng. on deposit of $10, checks payable to Secretary of Agriculture of U. S. deposit returnable.

COLUSA, Colusa Co., Cal.—Until June 27, 2 p. m., bids will be rec. by T. D. Cain, county clerk, to imp. Main St., town of Grimes, Road No. 158, involv. 500 tons asph. conc. pavement. Spec. obtainable from J. A. Felknor, county engineer.

LOS ANGELES, Cal.—Until 2 p. m., July 7, bids will be rec. by supervisors to imp. under cash contracts:

Centre St., Somerset Ave. and Artesia Ave., 21,600 lin. ft. involv. 9229 cu. yds. earth excav; 7281 cu. yds. remov. old macad; 48,179 sq. yds. placing old macad. and d. g. sub-base; 21,445 lin. ft. shaping shoulders; 48,179 sq. yds. cem. conc. pavement, incl. shaping; placing reinf. conc. pipe and headwalls. Average haul, 1 mi.

Santa Fe Ave. and Gould Lane, betw. city limits of Hermosa and Dewey Ave, 3537 lin, ft., involv. 1915 cu. yds. excav.; 1264 cu. yds. old macad; 11,381 sq. yds. replacing old macad; 11,381 sq. yds. shaping roadway; 11,381 sq. yds. asph. conc. base; 11,381 sq. yds. asph. conc. top; 3757.16 lin. ft. shaping shoulders. Average haul from plant 12 mi. Plans on file at office of clerk.

LOS ANGELES, Cal. — Council declares inten. to const. conc. storm drain in Mesa St., bet. O'Farrell and 3rd Sts. and portions of 2nd, 1st, Santa Cruz and Sepulveda Sts., includ. reinf. conc. pipe drains, catch basins, manholes, connecting drains, iron frames, covers, etc.; 1911 act.

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SAN FRANCISCO — Board of Public Works completes spec. to imp. Cabrillo bet. 41st and 42nd Aves., including crossings of 41st and 42nd Aves., est. cost $8500. Project involves 569 lin. ft. conc. curb; 1321 sq. ft. art stone walks; 6 br. catchbasins; 210 lin. ft. 10-in ironstone pipe culvert; 21,786 sq. ft. asph. conc. pavement.

BURBANK, Cal.—Until 7:30 p. m., June 24, bids will be rec. by F. S. Webster, city clerk, to imp. Buena Vista and other streets, involv. grade; pave 24 ft. wide with Warrenite-bitul. pavement; lay water mains; 1911 act. Cert. check or bond 10%. F. S. Webster, city clerk.

ELKO COUNTY, Nevada.—As previously reported, bids will be rec. by State Highway Commission, Carson City, Nevada, until July 2, to construct 12.64 mi. in Elko county, bet. Moor and Pequop Summit. Project involv. 62,100 cu. yds. excavation unclassified; 2223 yd. sta. overhaul; 8.52 mi. prepare subgrade and shoulders; 9210 cu. yds. load and screen gravel; 21,000 yd. mi. haul gravel; 9210 cu. yds. spread gravel; 35 cu. yds. class A conc; 596 lin. ft. 15-in., 346 lin. ft. 18-in., 358 lin. ft. 24-in., 114 lin. ft. 30-in. and 92 lin. ft. 36-in. corru. metal pipe; 185 cu. yds. dry rubble masonry; 3288 lin. ft. wood guard rail; 11 monuments; 7 sign posts.

SAN FRANCISCO—Board of Public Works completes spec. to imp. 35th Ave bet. Taraval and Ulloa Sts., and Ulloa bet. 21st and 22nd St., involv. 270 lin. ft. conc. curb; 300 sq. ft. conc. gutter; 8700 sq. ft. asph. conc. pavement. Est. cost $3030.

SAN JOSE, Santa Clara Co., Cal.—John Doyle, 660 N-10th St., San Jose, at $4737 awarded cont. by supervisors to imp. Randol Ave.

ESCONDIDO, Cal.—City Engr. Freeman C. Witt instructed by city trustees to prepare spec. to pave Lime St., bet. Indiana St. and river bridge, and for repaving of Grand Ave. Work will be done under the 1911 and 1915 acts.

PASADENA, Cal.—City Directors declare inten. to const. const. steel-reinf. conc. storm water sewer for drainage purposes in Glen Ave., bet. Hammond St. and 46 ft. north, and in portions of Hammond St. and Mentone Ave. Work will also include oil macad. pavement, curbs, gutters and walks; 1911 act. W. C. Earle, city engr.

NORTH SACRAMENTO, Cal.—City North Sacramento, recently incorporated, contemplates bond issue for $35,000 to finance construction of a modern sewer system. Members of city board of trustees are:: H. N. Doty, C. L. Knight, S. A. Wroolie, Joy F. Wanamaker and A. W. Sweet. W. O. Irwin is city clerk.

OREGON CITY, Ore.—Until June 30, 11 A. M., bids will be rec. by Clackamas Country Court, Oregon City, to const. section of Market Rd. No., known as Bluff road, bet Cottrell and Sandy, 3.87 mi. in length, involv. ½-ac. cletring and grading; 5804 cu. yds. common excavation; 2,272 cu. yds. intermediate excavation; 1536 sta. yds. overhaul; 1½ cu. yds. "A" conc. headwalls; 396 lin. ft. 12-in. conc. culverts; 30 lin. ft. 15-in rein. conc. culverts; 9094 cu. yds. broken stone surfacing.

LANE COUNTY, Ore.—Until June 27, 10 A. M., bids will be rec. by C. H. Purcell, Dist. Eng., U. S. Bureau of Public Roads, 316 New Post Office Bldg., Portland, Ore., to const. McKenzie-Dead Horse Section Nat'l. Forest Rd., in Cascade Nat'l. Forest, Lane County, Ore., 7.9 mi. involv. 6200 cu. yds. top course surfacing; 3600 cu. yds. base course surfacing; 800 cu. yds. maintenance rock; 7.9 miles subgrade.

Separate bids, same date, to imp. Detroit-Niagara section, Forest Rd., in Santiam Nat'l. Forest, Marion county, Ore., 5 mi. involv. 12 ac. clearing; 8 ac. grubbing; 18,000 cu. yds. rock excavation; 28,000 cu. yds. common excavation; 5 mi. finish grade road; 100 cu. yds. cem. rubble masonry; 395 lin. ft. cuuverts; 210 lin. ft. bridge deck; 25 M. F. B M. trestle bridge material. Plans obtainable from engineer.

SAN JOSE, Santa Clara Co., Cal. — Until July 14, 11 a. m., bids will be rec. by Henry A. Pfister, county clerk, to imp. Prospect road and Mountain View-Alviso rd. in Supervisor Dist. Nos. 4 and 5 .Separate bids to imp. Quimby rd. in Supervisor Dist. No. 2. Spec. on file in office of clerk. Robt. Chandler, county surveyor.

HAWTHORNE, Cal. — City trustees declare inten. to imp. Delaware Ave., bet. Hawthorne Ave. and Prairie Ave., invol. 1½-in. Willite pavement on 2½-in. asph. concr. base, with d. g. subbase; concr. curbs, gutters, walks; 1911 and 1915 acts. S. V. Fraser, city clk. Victor H. Stahell, city engh.

CORONADO, Cal.—Pioneer Truck Co., 954 3rd St., San Diego, awarded contr. by city trustees to imp. Pomona Ave., and portions of other streets, involv. grading at $11,250 (lump sum); san. sewer, $3400; storm sewers, $1500.

HILLSBOROUGH, San Mateo Co., Cal —Until July 1, 5 p. m., bids will be rec. by John A. Hoey, town clerk, to imp. portions of Ralston Dr., pave with macadam; Bromfield Rd., grade and pave with macadam; Hayne Rd., pave with conc; Howard road, pave with 3-in. asph. conc. surface; Hillsborough Dr., pave with conc; El Camino Real, const. 12-in. ironstone pipe drain. Bonds have been voted to finance above work. Plans obtainable from W. C. Hammatt, town engineer, 202 Hearst Bldg., San Francisco.

FRESNO, Fresno Co., Cal. — City Council, H. S. Foster, clerk, declares inten. (No. 17-D) to imp. Harrison and Stafford Sts., bet. Belmont and Thomas and Thomas St. bet. Harrison and Palm Ave., involv. 112,694 sq. ft. grading; 14,765 sq. ft. conc. walks; 3608 lin. ft. conc. curb. 1911 Act. Protests July 3. Wm. Stranahan, city eng.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. 17th Ave., bet. E-21st and E-23rd Sts., involv. grade and pave; const. curbs, gutters and walks; culvert. 1911 Act. Protests July 3. W. W. Harmon, city engineer.

MERCED, Merced Co., Cal. — Due to protests, city trustees abandon proceedings to imp Q St., bet. 16th and 22nd Sts., involv. grade and pave with asph. conc. base, Willite process, 2½-in. thick with asph. conc. surface, Willite process with seal coat 1½-in thick, conc. curbs and gutters.

LOS ANGELES, Cal. — Griffith Co., 502 L. A. Ry. Bldg., submitted low bid to supervisors at $71,000 to imp. Ballona Ave., bet. Western Ave. and city limits of Hawthorne, 1.94 mi. (under R. D. I. No. 255), involv. 6200 cu. yds. excav., 24,691 sq. yds. shaping roadbed, 22,703 sq. yds. Willite top, 22,703 sq. yds Willite base, 3 conc. box culverts, 11,250 sq. yds. shaping shoulders, 20,411 sq. yds. disin. granite sub-base and shoulders 5-in. thick. Est. cont. price, $72,085.40. Other bids were: Geo. R. Curtis paving Co., Inc., $75,000; Geo. H. Oswald, $80,000; H. G. Feraud, $81,000.

STOCKTON, San Joaquin Co., Cal. — Incomplete returns show bond issue for $339,800 to finance street and sewer improvements carried. W. B. Hogan is city engineer and C. E. Ashburner, city manager.

LOS ANGELES, Cal.—Bids rec. by supervisors to imp. Laguna St., bet. Tract 4510 and n line of same tract, .3 mi., under County Imp. No. 75, involving (1) 585 cu. yds. excav., (2) 2916 ft. curb, (3) 11,688 sq. ft. walk, were:

Mandic & Cristich — (1) 75c; (2) 55c; (3) 22c.

United Bldg. & Finance Co—(1) $1.10 (2) 60c, (3) 21.5c.

G. S. Coughlin — (1) $1, (2) 52c, (3) 20c.

Peter Grbavach—(1) $2.75, (2) 50c, (3) 20c.

Hermanson & Smith, 1123 S St. Andrews Pl.—(1) $1, (2) 58c, (3) 21c.

SANTA MONICA, Cal. — Council declares inten. to imp. 14th St., bet. Pico Blvd. and Central Ave., involv. grade; pave with 4-in. asph. conc., conc. curbs, walks, vit. pipe san. sewer, cast iron pipe distributing system; 1911 act.

VISALIA, Tulare Co., Cal.—Stewart and Lamb, Fresno, awarded cont. by city trustees to imp portions of W Center, W-Acequia Sts., etc., involv. fill $1 cu. yd.; cut, $1 cu. ft; conc. curb, $.48 lin. ft; cem. walks, $.1725 sq. ft.

TUCSON, Ariz.—Pima county supervisors agree to const. road bet. Tucson and Ajo. it will be 35 mi. in length and cost approx $1000 per mi. J. Moss Ruthrauff, county engr., is endeavoring to rout proposed road so as to eliminate 7 mi. stretch on Indian Oasis route by taking new road around by Covered Wells. This 7-mi. piece will cost $7500 per mi. if a detour can not be arranged.

RICHMOND, Contra Costa Co., Cal.—L. L. Page, Richmond, at $1229.22 awarded cont. by council to const. 6-in. vit. sewers in portions of Natalie Tract and in portions of San Pablo Avenue, including brick and cem. conc. manholes with c. i. covers; wye branches, etc. T. E. Clinch, Richmond, only other bidder at $1792.48.

REDLANDS, Cal.—City trustees declare inten. to imp. Buena Vista St. bet. Brookside Ave. and Fern Ave. and portions of alleys in blocks B and C, Link Addition, and other streets, involving grade; macad. paving, cem. conc. pavement, 6-in. and 8-in .vit. pipe sewer; 1911 act. C. P Hook, city clerk.

LOS ANGELES, Cal. — Bids rec. by supervisors to imp. Larch St., bet. Arbor Vitae St. and Hardy St., .24 mi. under County Imp. No. 77, involv. (1) 1792 cu. yds. excav., (2) 2514 ft. curb; (3) 10,058 sq. ft. walk, (4) 5029 sq. yds. oil macad., were:

Mandic & Cristich—(1) 90c; (2) 55c; (3) 22c; (4) $1.235.

G. T. McLain, 602 Hollywood Security Bldg.—(1) 85c; (2) 65c; (3) 20c; (4) $1.

W. H. Goff, 815 Crestmore, Venice—(1) 70c; (2) 60c; (3) 20c; (4) $1.30.

United Bldg. and Finance Co.—(1) $1 (2) 58c; (3) 21.5c; (4) $1.25.

SAN RAFAEL, Marin Co., Cal.—A. G. Raisch, 46 Kearny St., San Francisco, at $40,512 awarded cont. by council to pave various sts. Other bids were: Valley Paving & Const. Co., $48,870; Pacific States Const. Co., $50,789.

SAN JOSE, Santa Clara Co., Cal.—County Surveyor Robt. Chandler preparing spec. for continuation of Middle. field road from Charleston rd. to Sterlin rd. Henry A. Pfister county clerk.

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LOS ANGELES, Cal.—Bids rec. by Bd. Pub. Wks. to imp. Highland Ave. bet. Fountain Ave. and Santa Monica Blvd., involv. 39,788 sq. ft. 9-in. conc. paving, 145 ft. curb, 4781 sq. ft. walk, 1290 sq. ft. remod. oiled surface, reinf. conc. culvert, san. sewer, were:

Geo. J. Bock — $2100 grading; 35c conc. paving; 80c curb; 20c walk; $1582 reinf. conc. culvert; $5000 cem. pipe san sewer; 12c remod. oiled surface.

Griffith Co.—$2200 grading; 34c conc paving; 75c curb; 21c walk; $1300 culvert; $5000 sewer; 12c remod. surface.

Mandic & Cristich—$1881.25 grading; 35c conc. paving; 75c curb; 22c walk; $1400 culv.; $5000 sewer; 15c remod. oiled surface.

Will F. Peck, 602 Hollywood Security Bldg.—$2400 grading; 35c conc. paving; 80c curb; 20c walk; $7300 culverts and san. sewer complete; 11c remod. oiled surface.

LONG BEACH, Cal.—Council declares inten. to imp. Pine Ave., bet. State St. and 21st St., involv. comb. curb and gutter, cem. walks, grade; pave with 6-in. cem. conc. 1911 act.

Inten declared to imp. Junipero Ave. bet. Tenth St. and Anaheim St., involv. grade; pave with 1-course conc; 6-in. cem. pipe connecting sewers, curbs, walks; 1911 act.

EUREKA, Humboldt Co., Cal.—Until July 1, 11:45 a. m., bids will be rec. by Fred M. Kay, county clerk, to widen county road around Root Grade on Van Dusen river in Rd. Dist. No. 2. Cert. check 5% req. with bid. Spec. obtainable from A. J. Logan, county surveyor

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LOS ANGELES, Cal.—Geo. H. Oswald 366 E 58th St., submitted low bid to Bd Psb. Wks. to imp. 70th St., bet. Main St. and Moneta Ave., involv. grading at $2300 (lump sum); 700 sq. ft. conc. paving at 24c ft.; 41,986 sq. ft. Warrenite bitul. paving at 26c ft; 2470 sq. ft. gutter at 35c ft.; san. sewer $5000.

Geo. R. Curtis Paving Co., Inc.—$2500 grading; 24c conc. paving; 26.25c Warrenite paving; 34c gutter; $5250 sanitary sewer.

CALIFORNIA—Commissioner N. T. Edwards of state highway comm. announces that body will start work shortly on grading coast highway from Balboa Pallisades to Laguna Beach. Other work for immediate future includes 26 miles highway across the Rindge property in Malibu Mountains and straightening of dangerous turn at Carlsbad. A rail crossing at Irvine is also said to be in need of attention. Either an overhead crossing or subway will be built.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. portions of Orral St., bet. 70th and 73rd Aves., involv. grade and pave; const. curbs and gutters. 1911 Act. Protests July 3. W. W. Harmon, city eng.

OAKLAND, Cal.—City council, E. K. Sturgis, clerk, declares inten. to imp. portions of High St., bet. Hopkins and Tomkins Aves., and portions of Tomkins Ave. adjacent to High St., involv. grade and pave; const. curbs, gutters and walks; 3 wood culverts; 2 storm water drains; inlets and conduits. 1911 Act. Protests July 3. W. W. Harmon, city engineer.

SAN JOSE, Santa Clara Co., Cal. — No bids rec. by supervisors to repair King rd. in Supervisor Dist. No. 2 and work ordered done by day labor under supervision of County Surveyor Robt. Chandler.

SAN DIEGO, Cal.—City Engr. F. A. Rhodes completes spec. to imp. El Cajon Ave., involv. 245,827.76 sq. ft. paving with 3-in. bitum. base and 2-in. asph. conc. top; 285,085.46 sq. ft. paving with 4-in. cem. conc. base and 1½-in. asph. conc. top; 33,243.09 sq. ft. cem. conc. sidewalk; 70.5 lin. ft. 18-in. d. s. cem. conc. pipe; 137.38 lin. ft. cem. conc curb. A. H. Wright, city clerk.

COLTON, Cal.—Cox & Teget, 425 S Marguerita Ave., Alhambra, awarded cont. by city trustees at $14,264 to construct Pacific Fruit Express Co.'s sewer. City engr's est., $14,373. A. L. Plantico bid $14,835.

SALEM, Ore.—Until June 26, 2 p. m., bids will be rec. by State Highway Commission, meeting in Multnomah County Courthouse, Portland, for following projects:

Chalk Cliff-Hunter Hill Section of Prineville-Lakeview highway, 8.64-mi. grading involv 66,000 cu. yds. excavation in Lake County.

Nye Creek Section of Roosevelt Coast Highway, 0.36-mi. grading, involving 9500 cu. yds. excavation (within city limits of Newport), Lincoln County.

Weiser and Payette Spur Sections of Old Oregon Trail, 3.56-mi. grading and crushed gravel surfacing involv. 30,000 cu. yds. excavation and 8000 cu. yds. crushed gravel surfacing.

Cert check 5% req. with each bid. Plans obtainable from Salem offices of commission on deposit of $5, returnable. Roy A. Klein, state highway eng.

DEL MAR, Cal.—Robert F. Cowles, engr. for South Coast Land Co., 740 S Broadway, Los Angeles, is preparing plans for a street and sewer system in Del Mar under county district plan to care for increasing population. Est. cost, $40,000. Bids will be called shortly. Work will include sandstone and clay surfacing of streets, curbs, walks, gutters and sewers. Alternative bids will be asked on vit. and cem. pipe. Del Mar is in San Diego county.

CORONADO, Cal.—Until 3 p. m., July 7, bids will be rec. by city trustees to imp: Alley in block 48, Coronado Beach South Island; Alley in block 136, Coronado Beach, South Island ,involv. cem. conc. pavement.

OROVILLE, Butte Co., Cal. — City trustees, E. J. Mitchell, clerk, declare inten. (No. 323) to imp. portions of Huntoon St., involv. grade and pave with 2½-in. Warrenite-Bit. surface on 2½-in. asph. conc. base with r.w. headers; conc. curbs and gutters. 1911 Act and Bond Act 1915. Protests July 7.

WHITTIER, Cal.—City trustees declare inten. to imp. under 1911 act:

Alley bet. Bright and Greenleaf Aves from Broadway to Camilla St., involv. 5-in. cem. conc. paving; reinf. conc. culv.; retaining wall.

Citrus Ave., between Broadway and Pasadena St., involv. 6-in. cem. conc.; conc. curb; conc. walks.

Acacia Ave., bet. Turnbull Dr. and Broadway, involving 6-in. cem. conc. pavement; curb; walk .

VALLEJO, Solano Co., Cal. — City council, Alf E. Edgecumbe, clerk, will provide funds in 1924-25 budget to finance construction of North District sewer from Sonoma street to the Bay. T. D. Kilkenny, city eng.

EUREKA, Humboldt Co., Cal.—Until July 1, 10:30 a. m., bids will be rec. by Fred M. Kay, county clerk, to const. 6-mi. of new road bet. Hoopa and Willow Creek in Rd. Dist. 5. Cert. check 5% req. with bid. Spec. obtainable from A. J. Hogan, county surveyor.

SAN MATEO COUNTY, Calif.—J. P. Holland, 540 Brannan St., San Francisco, at approx. $315,000 awarded cont. by State Highway Commission to grade and surface 6.9 additional miles of Skyline Blvd., bet. Kings Mountain Road and La Honda road. This is an extension of the unit recently completed by Holland.

SOLANO COUNTY, Calif. — Tibbals, Percival and Cress, Forum Bldg., Sacramento, at $42,406.50 awarded cont. by State Highway Commission to widen with Port cem. conc. shoulders, 4 mi. in Solano county bet. Rockville and Fairfield. Engineer's estimate $44,512.

STOCKTON, San Joaquin Co., Cal. — W. J. Tobin, 527 Santa Ray Ave., Oakland, at $27,997 (conc. pipe) awarded cont. by council to const. storm water sewers in Pershing Ave. bet. Bayswater and Alpine Aves., and in Alpine Ave., bet. Pershing and California Sts. Project involves: 10,639 lin. ft. 24-in. precast conc. pipe; 150 tons 1-in. crushed rock for trench bottom; 35 5-ft. manholes.

SAN JOSE, Santa Clara Co., Cal.—Until June 30, 8 p. m., bids will be rec. by John J, Lynch, city clerk, to imp. Clayton Ave., bet. San Pedro and pt. 796.03 ft. north, involving grade and pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph. conc base; hyd. cem. conc. curbs, gutters, inlets; 8-in. vit. pipe drains. 1911 Act and Bond Act 1915. Cert. check 10% payable to city req. Wm. Popp, city eng.

TIA JUANA, Mexico—Mexican government plans paving of all streets in Tia Juana. The matter is in the hands of Gov. Abelard Rodriguez of Lower California.

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PERSHING COUNTY, Nevada — As previously reported, bids will be rec. by State Highway Commission, Carson City, Nevada, until July 2, to construct 13.69-mi. in Pershing county bet. Mill City and North County line. Project involv. 49,600 cu. yds. excavation unclassified; 1710 yd. sta. overhaul; 13.69 mi. prepare subgrade and shoulders; 14,900 cu. yds. load and screen gravel; 33,000 yd. mi. haul gravel; 14,900 cu. yds. spread gravel; 85 cu. yds. class A and 125 cu. yds. class B conc.; 378 lin. ft. 15-in., 380 lin. ft. 18-in., 236 lin. ft. 24-in., 94 lin. ft. 30 in. and 40 lin. ft. 36 in. corru. metal pipe; 28 monuments 3 sign posts.

ELKO COUNTY, Nevada.—As previously reported, bids will be rec. by State Highway Commission, Carson City, Nevada, until July 2, to const. 17.21 mi. in Elko county bet. Silver Zone Pass and Pequop Summit. Project involv. 112,000 cu. yds. excavation unclassified; 29,181 yd sta overhaul; 14.12 mi. prepare subgrade and shoulders for 10-ft. section; 1.21 mi. prepare subgrade and shoulders for 15-ft. section; 17,400 cu. yds. load and screen gravel; 52,000 yd. mi. haul gravel; 17,400 cu. yds spread gravel; 30 cu. yds. class A conc; 834 lin. ft. 15-in., 1002 lin. ft. 18-in., 506 lin. ft. 24-in., and 26 lin. ft. 30-in. corru metal pipe; 380 cu. yds. dry rubble masonry; 4464 lin. ft. stand. wood guard rail; 122 monuments; 6 sign posts; 2072 lin. ft. special wood guard rail.

SANTA ANA, Cal. — Steele Finley, Santa Ana, awarded cont. by supervisors at $76,000 to widen Orangethorpe Ave., 6600 ft., bet. Buena Park and county line, increasing width from 18 ft. to 24 ft. Pavement will be 5-in. asph. conc. Other bids were: Griffith Co., $77,000; Los Angeles Paving Co., $79,000; Engr's est. $80,000. J. L. McBride, county road commissioner.

TAOS, New Mexico—Until July 9, 9 a. m., bids will be rec. by E. S. Wheeler Dist. Eng., U. S. Bureau of Pub. Rds., 242 W-Washington St., Phoenix, Ariz., to const. Cimarron-Taos Natl. Forest Rd., in Carson Natl. Forest. 3.57-mi involv. 4665 cu. yds. rock excavation; 15,894 cu. yds. common excavation; 15,810 cu. yds. borrow excavation; 20 cu. yds. conc; 230 cu. yds. cem. rubble masonry; 1464 lin. ft. corru. metal pipe culverts; 1650 lbs. rein. steel; 3750 lin. ft. protection ditches; 18 cu. yds. hand placed embankment; 25 cu. yds. rip rap; 7160 lin. ft. irrigation ditch changes; 4000 cu. yds. semi-gravel surfacing; 3.57 mi. finishing shoulders and subgrade. Government has equipment for lease to contractors. Plans obtainable from eng. on deposit of $10, returnable, check payable to Secy. of Agriculture of U. S.

LOS ANGELES, Cal.—Geo. R. Curtis Paving Co., Inc., 2440 E 26th Street, awarded contr. by Bd. Pub. Wks. at $19,331 to imp. 64th St., bet. Moneta Ave and Figueroa St., involv. grading at $2500 (lump sum); 28,936 sq. ft. asph. paving 30c ft; 924 sq. ft. conc. paving 25c ft; 14,198 sq. ft. Warrenite-bitul. paving 26c ft; 3935 sq. ft. gutter 35c ft; vit. pipe sewer, $2850.

BERKELEY, Alameda Co., Cal.—Until June 17, 9 A. M., bids will be rec. by E. M. Hann, city clerk, to backfill and resurface trenches on oil macadam streets. Spec. obtainable from clerk.

COCONINO COUNTY, Ariz. — Until July 1, 9 a. m., bids will be rec. by E. S. Wheeler, Dist. Eng., U. S. Bur. Pub. Roads, Phoenix, Ariz., to const. Flagstaff-Angel Natl. Forest rd. in Coconini county, 23.436 mi. in length, involving clearing and grubbing the entire project; 11,560 cu. yds. rock excavation; 116,275 cu. yds. common excavation; 65,100 lin. ft. protection ditches; 23,014 cu. yds. base course surfacing in place; 12.44 mi. prepare shoulders and subgrade.

Separate bids, same date, to const. San Ildefonso-Frijoles Section 5 Natl. Forest Road, in Santa Fe Natl. Forest, State of New Mexico, Santa Fe county. 4.173 mi. in length, involv. clearing and grading entire project; 28,518 cu. yds. rock excavation; 12,831 cu. yds. common excavation; 23,078 cu. yds. borrow excavation; 5000 sta. yds. Overhaul; 2.08 mi. finishing graded road; 582 cu. yds. conc. masonry; 1864 lin. ft. corru. pipe culverts; 8056 lbs. rein. steel; 217 cu. yds. hand placed embankment; 22,000 lin. ft. protection ditches; 3600 cu. yds. surfacing in place. Government has equipment to lease to contractors. Plans obtainable from above office on deposit of $10, checks payable to Secy. of Agriculture of U. S., returnable.

FRESNO COUNTY, Cal.—State Highway Commission rejects bids rec. May 19 to surface with crushed stone or gravel 6.9-mi. in Fresno county bet. 2-mi. east of Parkfield Junction and Coalinga, involv. 9100 cu. yds. crushed stone or gravel. Bids received follow:

Stewart & Bland, Fresno	$12,640
C. W. Wood	21,385
W. J. Taylor	39,949
Ariss Knapp Co.	40,950
Isbell Construction Co.	41,860
Thompson Bros.	47,320
Engineer's estimate	30,030

The lowest bidders requested commission to permit them to withdraw their bids which was granted.

HAWTHORNE, Cal.—Geo. H. Oswald 366 E 58th St., submitted low bid to city trustees at $45,308 to imp. Broadway, involv. 2218 lin. ft. grading at $5500 (lump sum); 4240 lin. ft. curb at 75c ft; 18,520 sq. ft. walk at 24c ft; 8479 sq. ft. gutter at 34c ft; 81,305 sq. ft. 1½-in. Willite surface on 3-in. asph. conc. base at 24.5c ft; 26 c.i. ornam. lighting posts, $300 each; 2 18-in. corru. iron storm drains $1150 complete. The bid was $2586.90 lower than his previous bid, which was $47,894.35. The engr. est. was $41,946.92.

PLACER COUNTY, Calif.—C. R. Adams, Merced, at $299,411 (Eng. est. $313,725), awarded cont. by State Highway Commission to grade 8-mi. in Placer county, bet. ¾-mi. north of Colfax and Gold Run, involv. 336,200 cu. yds. roadway excavation without classification; 640,850 sta. yds. overhaul; 1530 cu. yds. structure excavation without classification; 760 cu. yds. class E cem. conc. (structures); 180 hundredweights bar rein. steel in place (structures); 70 lin. ft. 12-in., 1216 lin. ft. 18-in and 3050 lin. ft. 24-in. corru. metal pipe; 100 cu. yds. rubble masonry (retaining walls); 212 monuments. Commission will furnish corru. metal pipe.

STOCKTON, San Joaquin Co., Cal.—City Eng. Walter B. Hogan preparing spec. for sanitary sewers in Avondale tract.

COLUSA, Colusa Co., Cal.—Bids will be asked at once by county supervisors to pave ½-mile of road from Princeton city limits to Glenn county line; .40-mi. of road through town of Grimes and Colusa county approach to Meridian bridge. J. M. Felknor, county eng.

JUNEAU, Alaska—Until June 25, 9 A. M., bids will be rec. by C. W. Cheatham, dist. eng., U. S. Bureau of Pub. Rds., Juneau, to const. Salmon River rd. in Tongass National Forest, Alaska, 2.37 mi. involv. 11.52 acres clearing; 5.76 ac. grubbing; 27,347 cu. yds. rock excavation; 25,70 cu. yds. common excavation; 390 cu. yds. sta. overhaul. Gov't. has equipment for lease to contractors. Plans obtainable from Eng. and U. S. Post Office Bldg., Portland, Ore.

SACRAMENTO, Cal.—Until July 7, 10 A. M., bids will be rec. by Harry W. Hall, county clerk, to repair Steamboat Slough road, on Grand Island with oil macadam and gravel. Cert. check 5% payable to Chairman of Bd of Sups. req. Plans obtainable from County Engineer Chas. Deterding, Jr.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. St. James St., bet. 11th and 17th Sts., except intersections of 12, 13, 14, 15, 16th Sts., involving grade and pave with 1½-in. Durite asph. conc. surface on 3-in. Durite asph conc. base; hyd. cem. conc. curb and gutter. 1911 Act & Bond Act 1915. Protests June 30. Wm. Popp, city eng.

GLENDALE, Cal.—Until 10 a. m., June 26, bids will be rec. by council to imp. Columbus Ave., Park Ave., Acacia Ave., etc.; grade; pave with macad.; cem. curbs; walks; vit. pipe sewer; 1915 bond act. A. J. Van Wie, city clerk. Ben F. Dupuy, city engineer.

LOS ANGELES, Cal.—Until 2 p. m., June 23, bids will be rec. by supervisors to imp. Washington Blvd. bet. Culver City and Venice, 12,955 ft., or 2.45 mi., under county Imp. No. 45, involv. 33,080 cu. yds. excav. (including removal of old macad., trees, walks, curbs, etc.); 57,578 sq. yds. sub-base; 86,430 sq. yds. conc. pavement, 7 in. to 9 in. (pavement 60 ft., roadway curb to curb 78 ft.). Av. haul, 1.23 mi. from Culver City on P. E. Ry. Est. contr. price, $290,711.

LONG BEACH, Cal.—Until 9:30 a. m., June 24, bids will be rec. by council to imp. 7th St., bet. Railroad St. and east line of county flood control channel, involving class A cem. conc. curbs, walks 18-in. gutter, 5 6-in. cem. pipe connecting sewers, reinf. conc. catch basins, etc. H. C. Waughop, city clerk.

SAN DIEGO, Cal.—Until 10:30 a. m., June 30, bids will be rec. by City Clerk A. H. Wright, to imp. Normal St., Lincoln Ave., ets., involv. 505,508.99 sq. ft. paving with 2½-in. bitum. base and 1½-in. asph. conc. top; 340,374.4 sq. ft. paving with 4-in. cem. conc. base and 1½-in. asph. conc. top; 6079.79 sq. ft. paving with 3-in. asph. conc; 7808 lin. ft. 6-in. cem. conc. curb; 1680.19 lin. ft. 8-in. cem. conc. curb; 1787.59 sq. ft. cem. conc. sidewalk ;50 lin. ft. 15-in. 16 gauge corru. iron pipe drain; 52 lin. ft. 12-in. d. s. cem. conc. pipe culvert; 50 lin. ft. 16-in. d. s. cem. conc. pipe culvert; 20 lin. ft. 18-in. 16 gauge corr. iron pipe culvert; 5 4-in. cem. conc. sewer laterals; 2 6-in. cem. conc. sewer laterals. F. A. Rhodes, city engr.

LONG BEACH, Cal.—Until 9:30 a. m. June 24, bids will be rec. by council to imp. Linden Ave., bet. 4th and 10th Sts., involv. class B cem. curbs, walks, reinf. conc. catch basins; grade; pave with 7-in. cem. conc; 1911 act. R. D. VanAlstine, city engr. H. C. Waughop, city clerk.

SAN DIEGO, Cal.—Until 10:30 a. m., June 30, bids will be rec. by City Clerk A. H. Wright to imp. Coast Blvd., etc., involv. 103,728.11 sq. ft. paving with 5-in. cem. conc. and certain other work. F. A. Rhodes, city engineer.

SALEM, Ore. — Harness and Colby, Roseburg, Ore., at $46,300 awarded cont by State Highway Commission to surface with broken stone or gravel, 6-mi. of Alsea Mountain section, Alsea highway in Benton county.

Auto Supplies
at Cut Rate
EVERYTHING FOR YOUR MACHINE
Zimmerlin Bros. Co.
Established 1907
3190 MISSION ST. Junction Valencia
24 VAN NESS AVENUE Near Market
Phone Market 8926

PLACENTIA, Cal.—Until 7:30 p. m., July 1, bids will be rec. by Sanitary Board of Placentia to const. new Placentia outfall sewer, according to L. Wayne McCollum, consulting engr., Fullerton. Est. cost $26,000. Blds will be taken on three propositions: (1) fur. materials, (2) labor and equip. to complete work with material fur. by dist. (3) fur. material and labor complete. The work will require approx. 22,350 lin. ft. 12-in. sewer pipe. This system will connect with the joint cities outfall recently completed by Fullerton, Santa Ana, Anaheim and Orange.

NEVADA COUNTY, Cal.—Following bids rec. by State Highway Commission June 16, to grade 5.3 mi. in Nevada county, bet. Boca and Floriston.

Irey & Holden, Lodi	$245,162
Walter N. Willets	247,247
W. J. Barton & Co.	310,690
A. J. & A. L. Fairbanks	320,925

Engineer's Estimate, $267,444.

HUMBOLDT COUNTY, Nevada.—As previously reported, bids will be rec. by State Highway Commission, Carson City, Nevada, until July 2, to construct 2.49-mi. in Humboldt county in City of Winnemucca, Project involv. 5240 cu. yds. excavation unclassified; 0.98 mi. prepare subgrade and shoulders for cem. conc. pavement; 1.51 mi. prepare subgrade and shoulders for gravel surface; 10,320 sq. yds. cem. concrete pavement; 3000 cu. yds. load and screen gravel; 2740 yd. mi. haul gravel; 3000 cu. yds. spread gravel; 46 cu. yds. class A and 9 cu. yds. class B conc; 192 lin. ft. 15-in., 34 lin. ft. 18-in., and 64 lin. ft. 24-in. corru. metal pipe; 6 sign posts

SONORA, Tuolumne Co., Cal.—Sonora Lions Club conferring with county supervisors regarding bond issue to secure funds to finance paving county roads from Tuolumne to Sonora and from Columbia to Sonora and from Chinese to State Highway.

INGLEWOOD, Cal. — Geo. R. Curtis Paving Co., Inc., 2440 E 26th St., Los Angeles, awarded cont. by city trustees at $73,577 to imp. Pimiento St., between Grevillea Ave. and Freeman Ave., involving 350,052 sq. ft. grading 4c ft; 8194 ft. curb 60c ft.; 39,633 sq. ft. walk 19c ft.; 4 culverts, $2000; 258,346 sq. ft. 5-in. asph. conc. pavement 17c ft.; 80 water services, $15 ea. Other bids were: Geo. H. Oswald, $78,638; Griffith Co., $80,650.90; Hooper D. Churchill, $85,-338; Braun, Bryant & Austin, $92,901.04. Engrs. est., $94,759.86. Arthur W. Cory, city engineer.

CARSON CITY, Nevada—Until July 2, 1:15 p. m., bids will be rec. by State Highway Commission, Geo. W. Borden, chief engr., to const. following units:

Const. culverts and place gravel surface in Elko county, bet. Moor and Pequop Summit.

Grade, const. culverts and place gravel surface in Elko county, bet. Pequop Summit and Silver Zone Pass.

Grade, const. culverts and place gravel surface in Pershing county bet. Mill City and North County Line.

Grade, const. culverts and place cem. conc. and gravel surface in Humboldt County, city of Winnemucca, bet. south city limits and Hurst and bet. 3rd St. and north city limits.

Deposit of $15 req. for plans, returnable, obtainable from eng., also on file in office of U. S. Bur. of Pub. Rds., 9 Main Street, San Francisco. **See call for bids under official proposal section in this issue.**

ROSEVILLE, Placer Co., Cal.—City Eng. J. W. Meredith, completes spec. and protests will be heard June 25, to imp. various streets involv. 150,000 sq. ft. 2-in. and 5-in. Willite pavement; 5000 lin. ft. conc. curb and gutter, storm sewers, manholes, etc.. 1911 Act and Bond Act 1915.

SAN RAFAEL, Marin Co., Cal.—Until July 8, 11 a. m., bids will be rec. by Rob. E. Graham, county clerk, to fur. and spread 2000 cu. yds. crushed rock on Tomales and Petaluma road, from county line west to forks of road at Aurora School in Rd. Dist. 4; rock to be spread 3-in. thick, 14-ft. wide. Cert. check 10% payable to Chairman of Bd. of Sups. req. Spec. on file in office of clerk.

EUREKA, Humboldt Co., Cal. — County Surveyor A. J. Logan completes spec. to widen Root grade on the Bridgeville road, making uniform width of 18 feet.

CURRY COUNTY, Ore.—Until June 27, 10 a. m., bids will be rec. by C. H. Purcell, Dist. Eng. U. S. Bureau Rds., 316 New Postoffice Bldg., Portland, Ore., to const. Mussel Creek-Euchre Creek Rd., adjacent to Siskiyou Natl. Forest, Curry County, Ore., 5-mi. in length, involv. 25 ac. clearing; 15 ac. grubbing; 130,000 cu. yds. excavation (unclassified); 2200 lin. ft. culverts; 4000 lin. ft. 6-in. drain tile; 110 cu. yds. concrete; 900 lin. ft. cedar piling; 301 lin. ft. trestle deck; 1 70-ft. wooden span; 1 M F B M trestle lumber. Spec. obtainable from eng. on deposit of $10, checks payable to Secretary of Agriculture of U. S. deposit returnable.

VENTURA COUNTY, Cal.—Following bids rec. June 9, by State Highway Commission, Forum Bldg., Sacramento, to grade and protect with sea wall 1.2-mi. in Ventura county bet. Sea Cliff & Rancho El Rincon:

J. H. Tillman Co., Ry. Exch. Bldg., Portland, Ore.	$382,102.50
Thos. Kelly & Son, L. A.	404,309.50
Chas. & Geo. K. Thompson, Los Angeles	409,025.00
Dillon, Patterson & Gowns Los Angeles	444,870.00
F. Rolandi	455,655.00
Engineer's estimate	397,832.50

SOLANO COUNTY, Calif.—Following bids rec. June 9 by State Highway Commission, Forum Bldg., Sacramento, to widen with Port. cem. conc. & crushed gravel or stone shoulders, 4-mi. in Solano county bet. Rickville and Fairfield

Tibbals, Percival & Cress Sacramento	$42,406.50
R. J. Blanco, Vallejo	43,087.50
Levenson, Heintce & Laughland	51,800.00
C. H. & G. W. Gorill	61,726.50
General Construction Co.	64,982.50
Engineer's estimate	44,512.00

MARYSVILLE, Yuba Co., Cal.—Until June 23, 8 p. m., bids will be rec. by Geo. W. Richards, city clerk, (Res. of Inten. No. 21) to imp. I St., bet. 6th and 9th; 7th, 8th and 10th Sts., bet. I and J; H St., bet. 12th and 14th; 9th St., bet. F and D; 8th St., bet. D and A; 7th St., bet. B and A; Maple St., bet. 13th and 14th Sts., involv. const. concrete curbs, gutters, headwalls, catchbasins with iron covers; 6-in. vit. sewers; grade and pave with 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface. 1911 Act & Bond Act 1915. Cert check 10% payable to Mayor and Common Council rec. W. M. Meek, city eng.

NEVADA & SIERRA COUNTIES, Cal. —As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, June 30, 2 p. m. to grade 4.3-mi. in Nevada and Sierra Counties, bet. Floriston and Nevada State Line. Project involv. 82,700 cu. yds. roadway excavation without classification; 26,600 sta. yds. overhaul; 970 cu. yds. structure excavation without classification; 233 cu. yds. class A Port. cem. conc. (structures); 165 hundredweights bar rein. steel in place (structures); 546 lin. ft. 12-in., 228 lin. ft. 15-in., 774 lin. ft. 18-in. and 404 lin. ft. 24-in. corru. metal pipe; 575 cu. yds. rubble masonry (retaining walls); 230 cu. yds. dry rubble (retaining walls); 126 monuments. Commission will fur. corru. metal pipe.

HAYWARD, Alameda Co., Cal.—Until June 25, 8 P. M., bids will be rec. by M. B. Templeton, city clerk, to imp. (Res. of Inten. 491) portions of Soto St. and Sunset Blvd., involv. 118,270 sq. ft. 3½-in. asph. conc. base with 1½-in. asph. conc. surface, including grading; 582 sq. ft. conc. gutter; 189.5 lin. ft. conc. curb; 107 lin. ft. r. w. header boards. 1911 Act and Bond Act 1915. J. B. Holly, town engineer.

COLUSA, Colusa Co., Cal.—Until June 27, 2:10 p. m., bids will be rec| by T. D. Cain, county clerk, to imp. Road No. 41, from near end of present solldite pavement in town of Princeton to boundary line bet. Colusa and Glenn counties, involv. 2610 lin. ft. grading and sub-grading; 925 tons asph. conc. pavement. Spec. obtainable from County Eng. J. M. Felknor.

SAN DIEGO, Cal.—Cal. Constr. Co., Union Bldg., submitted only bid to council at $49,695 to imp. Columbia and Maple Sts., involv. 72,027 sq. ft. 2-in. asph. conc. paving on 3-in. bitum. base paving at 17.9c ft.; 184,307 sq. ft. 1½-in. asph. conc. paving on 2½-in. bitum. base at 16.5c ft; 11,949 sq. ft. cem. walk at 24c ft; 2710 ft. curb at 68c ft; 240 ft. 6-in. cem. sewer complete, $470; 18 6-in. cem. sewer laterals at $40 ea.; 14 4-in. conc. sewer laterals, $35 each.

ALAMEDA COUNTY, Calif.—W. A. Dontanville, 330 Monterey st., Salinas, at $51,647 (Engineer's est. $55,924) awarded contract by State Highway Commission to widen with Port. cem. conc. shoulders, 4.3 mi. in Alameda county bet. Greenville and Livermore, involv. 12,000 cu. yds. roadway embankment without classification; 8000 sta. yds. overhaul; 3000 mi. yds. overhaul (embankment from Station 650 plus 00 to Station 665 plus 00); 80 cu. yds structural excavation without classification; 2910 cu. yds. class A cem. concrete (shoulders and repairs to existing pavement) 31 cu. yds. class A cem. conc. (structures); 20 hundredweights bar rein. steel in place (structures); 54 lin. ft. 12-in., 20 lin. ft. 24-in. and 50 lin. ft. 30-in. corru. metal pipe; 200 cu. yds. removal of conc. in existing pavement. Commission will furnish corru. metal pipe.

SANTA ANA, Cal.—Oglesby & Dahl, 423 Edgewood Rd., Santa Ana, awarded contr. by supervisors at $34,160 to pave 2-mi. of Fairview Ave., bet. the present county highway at Fairview and Costa Mesa.

Steele Finley, Santa Ana, was awarder contr. at $76,000 to widen Orangethorpe Ave., 6600 ft., bet. Buena Park and county line increasing width from 18 ft. to 84 ft. Pavement to be 5-in. asph. conc.

HUMBOLDT COUNTY, Calif. — As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, June 30. 2 p. m., to pave with Port. cem. conc. 6.5-mi. in Humboldt County, bet. Eureka and Arcata. Project involv. 5600 cu. yds. embankment; 4200 cu. yds. sand. (filling for subgrade); 34.080 lin. ft. subgrade (preparing and shaping); 15,340 cu. yds. class A Port. cem. conc. (pavement); 3329 hundredweights bar rein. steel in place (pavement).

PLACER COUNTY, Cal. — As previously reported, bids will be rec. by State Highway Commission, Forum Bldg., Sacramento, June 30, 2 p. m., to grade 8.7-mi. in Placer County, betw. Gold Run and Forebay. Project involv. 221,000 cu. yds. roadway excavation without classification; 240,000 sta. yds. overhaul; 1520 cu. yds. structure excavation without classification; 675 cu. yds. Class A Port. cem. conc. (structures); 515 hundredweights bar reinf. steel in place (structures); 130 lin. ft. 12-in., 2202 lin. ft. 18-in., and 1462 lin. ft. 24-in. corru. metal pipe; 40 cu. yds. dry rubble (retaining walls); 172 monuments. Comm. will fur. corru. metal pipe.

NEVADA AND PLACER COUNTIES, Calif.—Until July 2, 9 a. m., bids will be rec. by C. H. Sweetser, Dist. Eng. U. S. Bur. Pub. Rds., 9 Main St., San Francisco, to const Donner Pass National Forest Highway in Nevada and Placer Counties, Tahoe National Forest 3.7-mi. in length, Involv. 29 acres clearing; 70,000 cu. yds. unclassified excavation; 404 cu. yds. A conc.; 53 cu. yds. C conc; 52,000 lbs. rein. steel; 1230 lin. ft. corru. metal pipe. Govt. has equipment for lease to contractors. **See call for bids under official proposal section in this issue.**

SANTA CRUZ, Santa Cruz Co., Cal.—City council, S. A. Evans, clerk, petitioned to pave Market St. Referred back to petitioners to state type of pavement desired.

OAKLAND, Cal.—Until June 26, 11 a. m., bids will be rec. by Eugene K. Sturgis,c ity clerk, to imp. north half of 3rd St., bet. Oak and Harrison Sts., involving grade and pave; const. catchbasins, conduits, sewers and manholes. 1911 Act. Cert. check 10% payable to city rek. W. W. Harmon, city eng.

Contracts Awarded Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2652	St. Gess	Owner	6000
2653	De Benedetti	Owner	7000
2654	Thurm	Sommer	12000
2655	Hansen	Owner	3000
2656	Hansen	Owner	4000
2657	Hansen	Owner	6000
2658	Heuter	Boxton	21000
2659	La Brucherie	Ames	30000
2660	Braun	Owner	3000
2661	Braun	Owner	3000
2662	Pardini	Pardini	1900
2663	Jewish Edu. So.	Morrow	25000
2664	Decker	Hansen	1800
2665	Hammond	Owner	4000
2666	White	Coburn	17849
2667	Levy	Moller	30000
2668	West. States	Grassi	1513
2669	West. States	Pac. Hdwe.	1614
2670	West. States	Peerless	5080
2671	Valento	Owner	3000
2672	Riverdale	Hoyt	15000
2673	Denke	Owner	55000
2674	Schilling	Lindgren	30000
2675	Giugni	Harder	12000
2676	Hoffman	Stock	25000
2677	Potter	Owner	38000
2678	Sullivan	Wagner	7500
2679	Powell	Lindsay	8000
2680	Crocker	Owner	3000
2681	Crocker	Owner	3300
2682	Crocker	Owner	8000
2683	Crocker	Owner	7600
2684	Walcome	Rintoul	1000
2685	French	Fabre	4500
2686	Goodman	Misrack	2500
2687	Clarion	Acme	1000
2688	Banquet	Black	2000
2689	Lavin	Todhunter	1620
2690	Crocker	Owner	3500
2691	Fraser	Owner	3000
2692	Crocker	Owner	3800
2693	Trafano	Owner	4750
2694	Guigni	Harder	12370
2695	N. Supply	Henderson	5980
2696	Gindner	Meyer	3954
2697	N. Supply	Henderson	6300
2698	Alames	Thulin	16070
2699	Jackson	Owner	4000
2700	Parkside	Owner	9000
2701	Myers	Zinkand	13000
2702	Hayes	Hayes	8000
2703	Adda	Fontanello	6000
2704	Fairmount	Steiger	5873
2705	Devencenzi	Varney	2500
2706	McLain	Hamill	8000
2707	Artigilas	Owner	13000
2708	Maas	Stock	8000
2709	Whitmore	Owner	10000
2710	Armand	Owner	5000
2711	Battistessa	Fracchia	27260
2712	Adams	Blanchenburg	26290
2713	Camphell	Owner	3000
2714	R C Archbishop	Brueck	1000
2715	Klamm	Lindsay	1500
2716	Parisso	Stephenson	10000
2717	Kirby	Owner	6000
2718	Forsyth	Warden	11000
2719	Micco	Perona	8000
2720	Drew	Owner	6000
2721	Mass	Stock	25000
2722	Weingarten	Michael	1995
2723	Foley	Owner	8000
2724	Drexler	Grace	18000
2725	S F. Library	Reed	1000
2726	Taylor	Low	1000
2727	Emery	Stempel	8000
2728	Guinnane	Feerick	12500
2729	Heyman	Owner	8500
2730	Donaldson	Owner	3000
2731	Carlsen	Yerner	10000
2732	Mohr	Arnott	3000
2733	Bush	Nelson	3400
2734	Hughes	Schwerdt	3900
2735	Knight	McCullough	1000
2736	Murphy	Arnott	6000
2737	Rubin	Watson	12000
2738	Smith	Owner	6000
2739	Peake	McCarthy	4730

RESIDENCE
(2652) E ARGUELLO BLVD. S EDward. 1-story and basement frame residence.
Owner—Pierre St. Gess, 2716 Sutter St. San Francisco.
Architect—None. $6000

RESIDENCES
(2653) W BAUER ST. 29 AND 54 S Alamany St. Two 1-story and basement frame residences.
Owner—A. De Benedetti, 22 Cotter St., San Francisco.
Architect—None. $3500 each.

FLATS
(2654) S BAY ST. 68-9 E GOUGH. 2-story and basement frame 3 flats
Owner—A. Thurm, 756 Lake St., S. F.
Architect — Benjamin Schreyer, 105 Montgomery St., S. F.
Contractor—I. M. Sommer & Co., 901 Bryant St., S. F. $12,000

RESIDENCES
(2655) E CAPISTRANO AVE. 28 and 88 S Santa Rosa Ave. Two 1-story and basement frame residences.
Owner—Walter E. Hansen, 485 Capistrano Ave., S. F.
Architect—None. $3000 each.

RESIDENCE
(2656) SE COR. CAPISTRANO AND Santa Rosa Ave. 1-story and basement residence.
Owner—Walter E. Hansen, 485 Capistrano Ave., S. F.
Architect—None. $4000

RESIDENCES
(2657) E CAPISTRANO 143 AND 178 S Santa Rosa Ave. Two 1-story and basement frame residences.
Owner—Walter E. Hansen, 485 Capistrano Ave., S. F.
Architect—None. $3000 each.

HOMES
(2658) N CASTENA AVE. 96, 136 AND 165 E Montalvo. Three 2-story and basement frame homes.
Owner—O. M. Heuter, 806 Flat Iron Bldg., S. F.
Architect—H. G. Stoner, First National Bank Bldg., S. F.
Contractor—Boxton & Zweig, 809 Flat Iron Bldg., S. F. $700 each.

FACTORY BLDG.
(2659) DUNCAN, GUERRERO AND San Jose Ave. 1-story and basement reinforced concrete Pasteurizing plant.
Owner—Frank La Brucherie, 242 Chattanooga St., S. F.
Architect—Edw. Ames, 353 Sacramento St., S. F. $30,000

DWELLING
(2660) SE COR. ELLINGTON AND Mt Vernon Ave. 1-story and basement frame dwelling.
Owner—Fred Braun, 502 Valencia St., San Francisco.
Architect—None. $3000

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

DWELLINGS
(2661) W ELLINGTON 75, 100, 125 and 150 S Mt. Vernon. 1-story and basement frame dwelling.
Owner—Fred Braun, 508 Valencia St., San Francisco.
Architect—None. $3000 each.

FRAME HOME
(2662) S GILMAN 175 E JENNINGS. 1-story frame home.
Owner—Robt. Pardini, 1312 Egbert, San Francisco.
Architect, Designer and Builder—G. Pardini, 1009 Key Ave., San Francisco. $1900

SUNDAY SCHOOL
(2663) SW COR. GROVE & BUCHanan. 1-story concrete Sunday school.
Owner—Jewish Educational Society, 1605 Chronicle Bldg., San Francisco
Architect—Morrow & Garren, Chronicle Bldg., San Francisco. $25,000

ADDITION TO BLDG.
(2664) 313 NORIEGA ST. Additional story to building.
Owner—M. E. Decker, 313 Uoriega St., San Francisco .
Architect—None.
Contractor—Hansen & Carlson, 904 O'Farrell, San Francisco. $1800

RESIDENCES (3)
(2665) E 37TH AVE 25-50-75 N FULton. Three 1-story and basement frame residences.
Owner—L. B. Hammond, 151 26th Ave., San Francisco.
Architect—None. $4000 ea.

BUILDING
(2666) W FILLMORE 91 N GEARY N 34 x W 135. All work except electric wiring for 1-story brick bldg.
Owner — The Robert White Co., 425 Kearny St., S. F.
Architect—W. H. Crim Jr., and Hamilton Murdock, 425 Kearny St., S. F.
Contractor—Ira W. Coburn, 180 Jessie St., S. F.
Filed June 12, 1924. Dated June 6, 1924.
1st of each month 75%
Usual 35 days 25%
TOTAL COST, $17,849
Bond, $8925. Sureties, George Rehn and A. W. Read. Forfeit, $15,00. Limit, 75 days. Plans and specifications filed.

ALTERATIONS
(2667) NW MONTGOMERY AND SACramento W 68 x N 76. All work except fire escapes, electric fixtures and window shades for alterations to 3-story frame bldg.
Owner—Rose M. Levy and Joe and Saul Goldstein.
Architect—G. A. Lansburgh, 140 Montgomery St., S. F.
Contractor—R. W. Moller, Call Bldg., San Francisco.
Filed June 12, 1924. Dated May 19, 1924.
1st of each month 75%
Usual 35 days 25%
TOTAL COST, $30,000
Bond, sureties, forfeit, limit, none. Plans and specifications filed.

TERRAZA WORK, ETC
(2668) NE SIXTH AND STEVENSON. All work for Terraza, etc., for building.
Owner—The Western States Life Ins. Co., Market and 6th Sts., S. F.
Architect—Reid Bros., 105 Montgomery St., S. F.
Contractor—P. Grassi & Co., 1945 S. Bruno, S. F.
Filed June 12, 1924. Dated May 29, 1924.
Work ½ completed 75%
Work completed, 75% of contract less 1st payment.
Usual 35 days 25%
TOTAL COST, $1513
Bond, $800. Sureties, New Amsterdam Casualty Co. Forfeit, none. Limit, July 7, 1924. Plans and specifications filed.

(2669) HARDWARE ON ABOVE.
Contractor—The Palace Hardware Co., 521 Market St., S. F.
Filed June 12, 1924. Dated June 6, 1924.
As each assignment is delivered to building 75%
Usual 35 days 25%
TOTAL COST, $1614
Bond, $850. Sureties, Eagle Indemnity Co. Forfeit, limit, none. Plans and specifications filed.

(2670) PILASTERS, ETC., ON ABOVE.
Contractor—Peerless Ornamental Iron & Bronz Co., 1528 Folsom St., S. F.
Filed June 12, 1924. Dated June 4, 1924.
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $5080
Bond, $2540. Sureties, Maryland Casualty Co. Forfeit, none. Limit, as required. Plans and specifications filed.

DWELLING
(2671) S BACON 25 W Gottingen. One-story and basement frame dwelling
Owner—Nicholas Valento, 227 Mississippi St., San Francisco.
Architect—None. $3000

ADDITION
(2672) E DIVISADERO 82-6 S Geary. One-story addition to creamery.
Owner—Riverdale Creamery, Prem.
Architect — Geo. Cantrell, Monadnock Bldg., San Francisco.
Contractor—H. P. Hoyt, Monadnock Bldg., S. F. $15,000

GARAGE
(2673) S EDDY 137-6 W Hyde. Two-story and basement reinforced concrete garage.
Owner—E. H. Denke & Margaret Bell, 1317 Hyde St, San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.
Contractor—Denke & Bowes, 1317 Hyde St., San Francisco. $55,000

WAREHOUSE
(2674) S FOLSOM 80 E Second. Three-story concrete warehouse.
Owner—A. Schilling Co., 2nd and Folson Sts., San Francisco.
Architect—E. A. Eames, 353 Sacramento St., San Francisco.
Contractor—Lindgren & Swinerton, Standard Oil Bldg., S. F. $30,000

APARTMENTS
(2675) W FRANKLIN 125 N Chestnut Two-story and basement frame (8) apartments.
Owner—E. Giugni, 736 Call Bldg., San Francisco.
Architect—R. R. Irvine, 736 Call Bldg., San Francisco.
Contractor — John Harder, 870 39th Ave., San Francisco. $12,000

APARTMENTS
(2676) SW GOUGH AND LOMBARD. Three-story and basement frame (12) apartments.
Owner—W. S. Hoffman, % Architect.
Architect—Baumann & Jose, 251 Kearny St, San Francisco.
Contractor—Stock & Jose, 251 Kearny St., San Francisco. $25,000

APARTMENTS
(2677) N GREEN 150 W Fillmore. Three-story and basement frame (6) apartments.
Owner—Lyman J. Potter, 782 Minnesota St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco. $38,000

MERCANTILE BLDG.
(2678) S HOWARD 225 E Second. Part one and two-story brick mercantile building.
Owner—Walter H. Sullivan, Alexander Bldg., San Francisco.
Architect—None.
Contractor—Geo Wagner, 181 South Park St., San Francisco. $7500

DWELLINGS
(2679) N SILVER AVE 25 and 50 W Grout. Two one-story and basement frame dwellings.
Owner—William Powell, 158 Maynard St., San Francisco.
Architect—None.
Contractor — Lindsay Constr. Co., 271 Winchester St., S. F. $4000 ea

DWELLING
(2680) S BACON 25 W Goettingen. 1-story and basement frame dwlg.
Owner—Crocker Estate Co., 525 Crocker Bldg., S. F.
Architect—None. $3000

DWELLING
(2681) NE BAY SHORE AND PENINsula. 1-story and basement frame dwelling.
Owner—Crocker Estate Co., 525 Crocker Bldg., S. F.
Architect—None. $3300

DWELLINGS
(2682) NW AND SW CHICAGO AND Naylor. Two 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., S. F.
Architect—None. $4500 & $3500

DWELLINGS
(2683) E CORDOVA 33 and 66 S Winding Way. Two 1-story and basement frame dwellings.
Owner—Crocker Estate Co., 525 Crocker Bldg., S. F.
Architect—None. $3000 each

ADDITION
(2684) 627 DOLORES ST. Additional rooms for present building.
Owner—G. W. Walcome, 627 Dolores St, S. F.
Architect—None.
Contractor—R. L. Rintoul, 522 Connecticut St., S. F. $1000

ADDITION
(2685) GEARY AND SIXTH AVE. Addition of nurses' dining room for hospital.
Owner—French Hospital, 6th Ave. and Geary St., S. F.
Architect — Fabre & Hildebrand, 110 Sutter St., S. F. $4500

FOUNDATIONS, ETC.
(2686) 1030-36 GOLDEN GATE AVE. Concrete foundations and floor and underpinning for storage rooms.
Owner—Goodman Bros, 733-41 Laguna St., S. F.
Architect—None.
Contractor—H. Misrack, 369 11th St., San Francisco. $2500

ROOF SIGN
(2687) 1185 MARKET ST. Erect roof sign.
Owner—The Clarion, 885 Market St., San Francisco.
Architect—None.
Contractor—Acme Electric Sign Co., 2140 Market St., S. F. $1000

ALTERATIONS
(2688) SW MARKET AND FOURTH Sts. Install new show window and display cases for cigar store.
Owner—Bouquet-Cohn Cigar Co, 226 Powell St., S. F.
Architect—H. P. Volimer, Flood Bldg., San Francisco.
Contractor—W. J. Black, 1306 Guerrero St., S. F. $2000

FIRE REPAIRS
(2689) 1381-83-85 MINNA ST. Repair fire damage; glazing, shades painting, etc., for 3 flats.
Owner — Mrs. M. Lavin, 57 Sycamore Ave., S. F.
Architect—None.
Contractor — Geo. C. Todhunter, 1088 Ashbury St., S. F. $1620

DWELLING
(2690) W NAYLOR 33 N CHICAGO. 1-story and basement frame dwelling
Owner—Crocker Estate Co., 525 Crocker Bldg., S. F.
Architect—None. $3500

ALTERATIONS
(2691) W NINTH AVE. 137 S Clement Remodel structure now in course of construction (according to application No. 126926).
Owner—Simon Frasser, 770 3rd Ave., San Francisco
Architect—Earle B. Bertz, 168 Sutter St., S. F. $3000

DWELLING
(2692) S SOUTH HILL BLVD. 121 E Munich. 1-story and basement frame dwelling.
Owner—Crocker Estate Co., 525 Crocker Bldg., S. F.
Architect—None. $3800

DWELLING
(2693) S VALPARISO 91-3 E Taylor. 1-story and basement frame dwlg.
Owner—B. and C. Trafano and M. Mighetto, 876 Filbert St., S. F.
Architect—None. $4750

APARTMENTS
(2694) W FRANKLIN 125 N Chestnut N 37-6 x W 100. All work except plastering, painting, plumbing, heating, hardwood floors, tile and marble work, electric wiring, finish hardware, roofing and chim-

neys for 2-story frame apartment building.
Owner—Celeste Guigni, 736 Call Bldg., San Francisco.
Architect—Richard R. Irvine, 736 Call Bldg., S. F.
Contractor—John Harder, 870 39th Ave. San Francisco.
Filed June 13, 1924 Dated June 11, 1924
Roof boards on $3092
Brown coated 3092
Completed and accepted 3092
Usual 35 days 3093
TOTAL COST, $12,370
Bond, sureties, forfeit, none. Limit, 90 days after June 11, 1924. Plans and specifications filed.
NOTE—Permit applied for today.

RESIDENCE
(2695) LOT 11, BLK. 3107 being NW Pezzaro Way and Westwood Drive 33 x 100. All work for frame residence.
Owner—The Northern Supply Co., 251 Kearny St., S. F.
Architect—None.
Contractor—W. D. Henderson, Monadnock Bldg., S. F.
Filed June 13 ,1924. Dated May 10, 1924.
Frame up $1000
Plastered 1000
Completed 2400
Usual 35 days 1500
TOTAL COST, $5900
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications not filed

[illegible]
(2696) W TWENTY-FIFTH AVE. 175 [illegible] x W 120. All work [illegible] dwelling.
Owner—John and Irma A. Lindner, 1 Montgomery St., Room 603, S. F.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F.
Filed June 13, 1924. Dated June 9, 1924.
Roof sheathing on $988.62
Brown coated 988.63
Completed 988.63
Usual 35 days 988.63
TOTAL COST, $3954.50
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications not filed
NOTE—Permit reported June 7, 1924, No. 2575.

RESIDENCE
(2697) S URBANO 254 W Borica 50 x 120 , Lot 23, Blk. 15. All work for labor and material for frame residence.
Owner—Northern Supply Co., 251 Kearny St., S F.
Architect—None.
Contractor—W. D. Henderson, Monadnock Bldg., S. F.
Filed June 13, 1924. Dated May 20, 1924.
Frame up $1200
Plastered 1200
Completed 2200
Usual 35 days 1700
TOTAL COST, $6300
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications not filed.
NOTE—Permit reported May 8, 1924, No. 2099.

APARTMENTS, STORE
(2698) NE TWENTY-FOURTH AND Bartlett N 61-5½ x E 122-3. All work for 3-story and basement frame bldg , apts. & store.
Owner—L. and G. Almes.
Architect—A. J. Fabre & Ernest H. Hildebrand, 110 Sutter St., S. F.
Contractor—A. L. Thulin, 120 Otis St., San Francisco.
Filed June 13, 1924. Dated June 3, 1924.
Ready for roof $4015
White coated 4015
Completed and accepted 4020
Usual 35 days 4020
TOTAL COST, $16,070
Bond, $8035. Sureties, O. F Larson and E. H. Peterson. Forfeit, $10. Limit, 100 days. Plans and specifications filed

STORE
(2699) S IRVING 100 W Twentieth Ave. One-story frame store.
Owner — G. P. Jackson & Sons, 3852 Clement St., San Francisco.
Architec —Edward E. Young, 2002 California St., S. F. $4000

FLATS
(2700) SW TARAVAL & THIRTY-first Ave Two-story frame store and (2) flats.
Owner—Parkside Realty Co., 618 Crocker Bldg., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco. $9000

RESIDENCE
(2701) SE THIRTY-EIGHTH AVE & Shoreview. Two-story and basement frame residence.
Owner—Ralph Myers, 821 Balboa Bldg. San Francisco.
Architect—Erle J. Osborne, 821 Balboa Bldg., San Francisco.
Contractor—Ed. Zinkand & Son, 434 10th Ave., S. F. $13,000

DWELLINGS
(2702) E THIRTY-EIGHTH AVE 250 and 275 N Fulton. Two one-story and basement frame dwellings.
Owner—Georgia Hayes, 38 Belvedere St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Daniel Hayes, 510 Phelan Bldg., S. F. $4000 each

ALTERATIONS
(2703) NO. 1725 CHESTNUT. All work for alterations and additions to building.
Owner—U. Adda, Premises.
Architect—Wm. Debrunner, 1348 Powell St., San Francisco.
Contractor — Fontanella & Teza, 41 Sheridan St., San Francisco.
Filed June 14, '24. Dated June 5, '24.
Roof installed $1500
White coated 1500
Completed 1500
TOTAL COST, $6000
Bond, $3000. Sureties, Jas. Hamill and Mrs. Gina Teza. Limit, as soon as possible. Forfeit, none Plans and specifications filed.
NOTE—Permit reported June 3, 1924. No. 2501.

ALTERATIONS
(2704) N HAIGHT bet. Clayton and Cole No. 1660 Haight St. All work altering theatre building into public market.
Owner—Fairmount Theatre Co.
Architect—None.
Contractor—H. Steiger, 1630 Haight St., San Francisco.
Filed June 14, '24. Dated June 13, '24.
Rough construction completed.. ¼
Brown coated ..... ¼
Completed and accepted..... ¼
Usual 35 days..... ¼
TOTAL COST, $5873.60
Bond, $3000. Sureties, Frank McKeon and Jas. J. Daly. Limit, 40 days. Forfeit, $10. Plans and specifications filed.

RESIDENCE
(2705) LOT 12 BLK 5803 St. Mary's Park. All work for one-story and basement frame residence.
Owner—Enrico C. & Grace Devencenzi 126 Varennes St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—F. W. Varney, 509 Miramar St., San Francisco.
Filed June 14, 24. Dated June 9, '24.
Roof on $2125
Brown coated 2125
Completed and accepted..... 2125
Usual 35 days..... 2125
TOTAL COST, $8500
Bond, $4250. Surety, Chas. Monson and S. L. Forsyth. Limit, 90 days. Forfeit, none. Planse and specifications filed

(2706) SE BALBOA AND FORTY-first Ave. Two-story and basement frame store and (2) flats
Owner—Geo. McLain, 4021 Balboa St., San Francisco.
Architect—None.
Contractor — Thos. Hamill, 6140 Geary St., San Francisco. $8000

FLATS
(2707) SW CHURCH AND CLIPPER. **Three-story** frame (4) flats.
Owner—Frank Artigilas, 115 Clipper St. San Francisco.
Designer——Fred Howvelilug, 830 Sprague St., San Francisco. $13,000

FLATS
(2708) N FILBERT 50 W Baker. Two-story and basement frame (2) flats.
Owner—Maas & Stock, Stock & Jose, % Architect.
Architect Baumann & Jose, 251 Kearny St., San Francisco.
Contractor—Stock & Jose, 251 Kearny St, San Francisco. $8000

FLATS
(2709) S LINCOLN WAY 82-6 W 18th Ave. Two-story and basement frame (2) flats.
Owner——Geo. E. Whitmore, 673 16th Ave., San Francisco.
Architect—None. $10,000

FLATS
(2710) W SALMON 97-6 S Broadway. Two-story and basement frame (2) flats.
Owner——J. Armand, 62 Salmon St., San Francisco.
Designer—D. Bignani, 859 Flood Bldg., San Francisco. $5000

FLATS
(2711) N VALLEJO 50 W Mason W 35 N 55 E 85 W 50 S 30. All work for three-story and basement frame flats
Owner — Domenico Battistessa, 800 Vallejo St., San Francisco.
Architect—Charles Fantoni, 550 Montgomery St., San Francisco.
Contractor—Fracchia & Rosina, 36 Cunningham Place, S. F.
Filed June 16, '24. Dated May 26, '24.
Roof enclosed $6815
Brown coated 6815
Completed and accepted..... 6815
Usual 35 days..... 6815
TOTAL COST, $27,260
Bond, $13,630. Sureties, G. B. Cordano and Antonio Carrara. Limit, 90 days. Forfert, $10. Plans and specifications filed.
NOTE—Permit reported May 13, 1924 No. 2482,.

APARTMENTS
(2712) E WEBSTER 70 N HAIGHT, N 52-6 x E 72 S 25 W 10 S 27-6 W 62 All work for 2-story and basement frame bldg., apartments.
Owner—L. M. Adams, 450 Geary Street, San Francisco.
Plans by contractor.
Contractor — E. Blanckenburg, 3675 Jackson St., S. F.
Filed June 16, 1924. Dated June 12, 1924.
June 12, 1924 .....$2000
Frame up 6500
Brown coated 5500
Completed 5650
Usual 35 days 6550
TOTAL COST, $26,200
Bond, sureties, forfeit, none. Limit, 120 days. Plans and specifications filed.

DWELLING
(2713) E ALLISON 125 N Cross. One-story and basement frame dwlg.
Owner—A. L Campbell, 378 London St., San Francisco.
Designer—C. D. Delmarter, 5933 Geary St., San Francisco. $3000

ALTERATIONS
(2714) NO. 1016 EDDY. Remove and replace certain partitions plumbing work, etc., for kindergarten.
Owner—Roman Catholic Archbishop of San Francisco. 1100 Franklin St., San Francisco.
Architect—D. Graham, 1100 Franklin St., San Francisco.
Contractor—M. Brueck, 600 Charter Oak Ave , San Francisco. $1000

DWELLING
(2715) N MAYNARD 250 E Cranut. One-story and basement frame dwelling.
Owner — Frank Klamm, 159 Maynard St., San Francisco.
Architect—None.
Contractor — Lindsay Constr. Co., 271 Winchester St., S. F. $1500

FRAME FLATS
(2716) E SHARDED 38 N Grove. **Two** story and basement frame (3) flats
Owner—G. Parisso, 1371 Haight St., San Francisco.
Architect—None
Contractor — J. H. Stephenson, 2626 26th Ave., San Francisco. $10,000

FRAME FLATS
(2717) W SEVENTH AVE 75 N Fulton. Two-story and basement frame (2) flats.
Owner—J. C. Kirby, 430 20th Ave., San Francisco.
Architect—None. $6000

FRAME FLATS
(2718) SE FRANCISCO & GOUGH. Two-story and basement frame (4) flats.
Owner—S. L. Forsyth, 825 Monadnock Bldg., S. F.

Architect — J. C. Hladik, Monadnock Bldg., S. F.
Contractor—Fred Warden, 1515 11th Ave., S. F. $11,000

FLATS
(2719) S LOMBARD 115-3 W Fillmore. 2-story and basement frame (2) flats.
Owner—L Micco, 9229 J St., Oakland.
Architect—None.
Contractor—John Perona, % Builders' Exchange, Oakland. $8000

RESIDENCE
(2720) E TWENTY-EIGHTH AVE 195 S Anza. 2-story and basement frame residence.
Owner—Daniel V. Drew, 225 19th Ave., San Francisco.
Architect—H. E. Harris, 815 Balboa St., San Francisco. $6000

APARTMENTS
(2721) NW BAKER AND FILBERT Sts. 3-story and basement frame (12) apartments.
Owner—Mass & Sauer, Stock and Jose, % architects.
Architect—Baumann & Jose, 251 Kearny St., S. F.
Contractor—Stock & Jose, 251 Kearny St., S. F. $25,000

ALTERATIONS
(2722) 71 FIRST STREET. Vault fill in floor; rearrange stairways; mezzanine floor, etc., in store.
Owner — Frederick Weingarten, 156 Bush St., S. F.
Architect—Alfred H. Jacobs, 110 Sutter St., S. F.
Contractor—J. Michael, 726 DeHaro St., San Francisco. $1995

DWELLING
(2723) S LAIDLEY 102 W Miguel. 1-story and basement frame dwlg.
Owner — Wm. Foley, 982 Filbert St., San Francisco.
Architect—P. F. DeMartini, 946 Broadway, S. F. $8000

RESIDENCE
(2724) SE PACIFIC AND PIERCE Sts. 3-story and basement frame residence.
Owner—Elise A. Drexler, Kohl Bldg., San Francisco.
Architect — Warren Chas. Perry, 260 California St., S. F.
Contractor, Grace & Bernieri, Claus Spreckels Bldg., S. F. $18,000

ALTERATIONS
(2725) W POWELL BET. WASHINGTON and Jackson. Underpin north wall of library.
Owner—San Francisco Library, prem.
Architect—Albert Lansburgh, 40 Montgomery St., S. F.
Contractor — Walter Reed, 180 Jessie St., S. F. $1000

ALTERATIONS
(2726) 575 THIRD AVE. Raise and make alterations for private garage; cement work, etc.
Owner—Thomas Taylor, premises.
Architect—None.
Contractor—James Low, 76 Coleridge St., S. F. $1000

DWELLINGS
(2727) W THIRTY-THIRD AVE. 175 and 200 S Taraval. Two 1-story and basement frame dwellings.
Owner — Mrs. Emery, 5331 Geary St., San Francisco.
Architect — Ed. J. Symmes, First National Bank Bldg., S. F.
Contractor — Stempel & Cooley, 5331 Geary St., S. F. $4000 each

RESIDENCE
NE COLLEGE AVE. AND JUSTIN DR. 1-story and basement frame residence.
Owner—Mr. and Mrs. Devencenzi.
Architect—Chas. F. Strothoff, 2274 15th St., S. F.
Contractor—F. W. Varney, 260 Bush St., S. F. $8000
NOTE — Recorded contract reported June 16, 1924, No. 2705.

FRAME FLATS
(2728) W ASHBURY 125 S Fulton. Two-story and basement frame (2) flats.
Owner — Lillian K. Guinnane, 1855 Hayes St., San Francisco.
Designer—B. Feerick, 253 Downey St., San Francisco.
Contractor—Bryan Feerick, 253 Downey St., San Francisco. $12,500

FRAME FLATS
(2729) N BALBOA 27-6 W Twenty-first Ave. Two-story and basement frame (2) flats.
Owner — Oscar Heyman & Bro., 742 Market St., San Francisco.
Architect—Alvin J. Stern, 742 Market St., San Francisco. $8500

DWELLING
(2730) S BRUCE 50 W Edgar. One-story and basement frame dwlg.
Owner—Wesley Donaldson, 267 Miramar Ave., San Francisco.
Architect—None. $3000

FRAME FLATS
(2731) S CUMBERLAND 230 W Guerrero. Two-story and basement frame (2) flats.
Owner—E. A. Carlsen, 79 Cumberland St., San Francisco.
Architect—None.
Contractor—J. H. Verner, 3251 Army St., San Francisco. $10,000

DWELLING
(2732). E EDNA 25 S Staples. One-story and basement frame dwlg.
Owner—Edward Mohr, 233 Pacific Bldg., San Francisco.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, S. F. $3000

DWELLING
(2733) E FORTY-SECOND AVE 150 S Balboa. One-story and basement frame dwelling.
Owner—Joseph Hughes.
Architect—None.
Contractor — Walter Schwerdt, 2920 Jackson St., San Francisco. $3900

REPAIRS
(2735) NO. 1371-79 MINNA. Repair fire damage to flats; stucco front, etc.
Owner — D. Knight, 252 Bartlett St., San Francisco.
Plans by Contractor.
Contractor — W. R. McCullough, 4011 18th St., San Francisco. $1000

DWELLINGS
(2736) N NIAGARA 28-6 and 53-6 E Howth. Two one-story and basement frame dwellings.
Owner—H. B. Murphy, % Great Western Power Co.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, S. F. $3000 each

APARTMENTS
(2737) W SECOND AVE 200 N Geary. Two-story and basement frame (4) apartments.
Owner—Benjamin Rubin, % Architect.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.
Contractor — G. E. Watson, 581 45th Ave., San Francisco. $12,000

DWELLING
(2738) NW SEVENTEENTH AND SANtiago. Two-story and basement frame dwelling.
Owner—Byrd O. Smith, 247 Montgomery St., San Francisco.
Architect—None. $6000

BUILDING
(2739) E FORTY-THIRD AVE 200 N Irving N 25xE 120. All work for one-story and basement frame building.
Owner—Frank B. Peake, 1254 42nd Ave. San Francisco.
Architect—None.
Contractor — John E. McCarthy, 1479 12th Ave., San Francisco.
Filed June 17, '24. Dated June 17, '24.

Frame up	$1182.50
Brown coated	1182.50
Completed and accepted	1182.50
Usual 35 days	1182.50
TOTAL COST,	$4730.00

Bond, none. Limit, 90 days. Forfeit, none. Plans and specifications filed.
NOTE:—Permit applied for today.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
June 12, 1924—LOTS 43, 44 AND 45 Blk 18, Sunnyside. W. P. Ross to whom it may concern..June 9, 1924
June 12, 1924—E 38TH AVE. 100 N Cabrillo N 25 x E 120. A Benjamin Schnier to whom it may concern ..... June 12, 1924
June 12, 1924—S BOUNDARY MIRanda, Grant and W Lyon W 92-07 N 277-87 E 57-9 — 279-81 to beg. Carlo Matraia to Conrad B. Sovig ..... June 3, 1924
June 12, 1924—S 35 FT. LOT 10 BLK. 3251; N 15 ft. Lot 10 and S 25 ft. Lot 11, Blk. 3251; N 20 ft. Lot 11 and S 20 ft. Lot 12 Blk. 3251; N 35 ft. Lot 13 Blk. 3251, Balboa Terrace. O. M. Hueter to Boxton & Zwieg ..... June 12, 1924
June 12, 1924—W TWENTY-FOURTH Ave 175 S Cabrillo S 25xW 120. Benjamin F Hinkel to whom it may concern.....June 11, 1924
June 12, 1924—W TWENTY-THIRD Ave 85 N Kirkham N 50 W 120 S 45 E 20 S 5 E 100. Edward J McCrea to whom it may concern..... .....June 9, 1924
June 12, 1924—S GROVE 150 E Divisadero S 100xE 25. Schanain Realty Co to Meyer Bros, E Sugarman, Shipman and N Moses and Pacific Gas Heating Co..June 11, '24
June 12, 1924—W MASON 34 N Green N 34-4½xW 48-11. Joseph De Martini to B Pagano...June 11, 1924
June 12, 1924—W TWENTY-FOURTH Ave 100 S Irving S 25xW 120. Elias Vigen to whom it may concern.. .....March 12, 1924
June 12, 1924—W FORTY-SIXTH AV 170 N Cabrillo N 82-6xW 120. Harry Wissman to Meyer Bros... .....June 11, 1924
June 13, 1924—NE GENEVA AVE 105 SE Huron SE 25xNE 90 Ptn Blk 5, West End Map 1. Patrick Horgan to whom it may concern.June 12, '24
June 13, 1924—S GEARY 51-8 E Twenty-second Ave E 28-4xS 100. Max W & Rosalie E Todd to Klaus Adler .....June 11, 1924
June 13, 1924—W LEE AVE 125 S Grafton Ave S 50x112-6. Alfred Jacobson to whom it may concern .....June 13, 1924
June 13, 1924—S ROLPH 59.58 E Curtis 25x100. Carl E Nyman to whom it may concern..June 13, 1924
June 13, 1924—N VALLEJO 182 W Pierce W 25-6xN 100. Earle M and Agnes B Waterman to whom it may concern.....June 12, 1924
June 13, 1924—SW GEARY AND Laguna. Huey Bah to Ira W Coburn .....June 12, 1924
June 13, 1924—SE BRYANT 27-6 NE Langton NE 25xSE 90-6. I M Sommer to I M Sommer & Co..June 9, '24
June 13, 1924—N BRANNAN 35 W Zoe W 49-10xN 80. H E Poehlman to Vukicevich & Bagge..June 12, '24
June 13, 1924—E DOUGLASS 115 N 23rd N 50xE 123-3. San Francisco Home Bldg Co to Meyer Bros..... .....June 11, 1924
June 13, 1924—LOT 1 and Ptn Lot 2 Blk 3107, Westwood Park. Hans and Esther E Nelson to whom it may concern.....June 12, 1924
June 13, 1924—S LINCOLN WAY 82-6 E Funston Ave E 25xS 100. Wm Senner to Thos Hamill..June 2, 1924
June 14, 1924—NE POST AND Powell N 137-6xE 162-9. Wm M and Mary E Fitzhugh to D Diersen Co and The Neal Co..... ..... May 28, 1924
June 14, 1924—NE NEW MONTGOMery and Jessie. Crane Co to Mallott & Petersen .....June 13, 1924
June 16, 1924—E THIRTY-EIGHTH Ave 125 from NE 38th Ave — E 120 xN 25. C J Milton to Nick Nickolason .....June 16, 1924
June 16, 1924—W OCTAVIA 60 N Lombard and part of Lot on NW Lombard and Octavia. Ugo Martinelli to G B Cesio and W Lewis. .....June 8, 1924
June 16, 1924—N GREENWICH 25 E Broderick N 87-6 x E 25. Jos. S. & Dora Steiner, Emil A. Neumarkel to John C. Thomas.....June 13, 1924

June 16, 1924—S GREENWICH 175 W Larkin W 25 x S 137-6. Jerome L. Collins to whom it may concern.. .....May 17, 1924

June 16, 1924—E FRANKLIN 52-6 S Chestnut S 60 x 100. Leah Weissman to whom it may concern.... .....June 16, 1924

June 16, 1924—SW MARKET AND 9th W 80 x S 200. W. F. Perkins to Charles H. Wilson.....June 5, 1924

June 14, 1924—E TWENTY-SECOND Ave 125 S Lincoln Way S 25xE 120. Albert Richard and Agnes C Peterson to whom it may concern .....June 10, 1924

June 14, 1924—W THIRTY-THIRD Ave. 100 S Balboa 25x120; W 33rd Ave 300 N Cabrillo 25x120. Dominic Tiscornia to whom it may concern .....June 14, 1924

June 14, 1924—LOT 48 BLK "R" Park Lane Tract 5, Kate S Davies to whom it may concern...June 12, '24

June 14, 1924—S TWENTY-EIGHTH 100 W Guerrero A E and Mary E Hargrave to E J Hargrave..... .....June 9, 1924

June 14, 1924—E THIRTIETH AVE 200 S California E 120xS 25. D L Bienfield to whom it may concern. .....June 2, 1924

June 14, 1924—N BALBOA 75 W 27th Ave W 25xN 125. Bert J & Violet Smith to John C Thomas.June 11, '24

June 14, 1924—NE NEW MONGGOMery and Jessie. Crane Co to J H Keefe Co.....June 13, 1924

June 14, 1924—SW NINTH 100 SE Harrison SE 55 SW 100 SE 70 SW 85 NW 125 NE 185. San Francisco Realty Syndicate to Barrett & Hilp.....June 13, 1924

June 17, 1924—INTR S MIRANDA Grant & W Lyon W 92-07 N 277.87 E 57-9 — 279.84. Carlo Matraia to Conrad B Sovig.....June 16, 1924

June 17, 1924—W FORTY-SIXTH AV 210 S Balboa S 27-6xW 120. Nickolas J Pantoleon to Meyer Bros... .....June 17, 1924

June 17, 1924—N HIGHLAND AVE 100 W Mission W 25xN 100. Rose E Hidzick to Dahlberg & Peterson .....June 14, 1924

June 17, 1924—E EDNA 125 N Judson Ave N 25xE 100; N Monterey Blvd 275 E Foerster E 25xN 100. Howard E Mohr to James Arnott & Son .....June 17, 1924

June 17, 1924—W TWENTY-THIRD Ave 34-3 S Judah S 25xW 107-4½. John E and Ethel M McCarthy to whom it may concern..June 11, 1924

June 16, 1924—E FIFTEENTH AVE 125 S Lincoln Way S 25x127-6. Catherine A Kinread to whom it may concern.....June 16, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount

June 16, 1924—NW SACRAMENTO & Joice N 57-6xW 56. John S Guerin (as J S Guerin & Co), $93.40; Caldwallader Gibson Co., Inc., $710 vs Ellen Ryan .....

June 14, 1924—E GREAT HIGHWAY 112-6 N Lawton N 25xE 120 A J Barclay and C M MacDonald (as A F Wells Co) vs Ethelind M Storey $74.44

June 13, 1924—NW SACRAMENTO & Joice W 56xN 57-6. Western Lime & Cement Co vs Bay Construction Co $696.60

June 12, 1924—NW SACRAMENTO and Joyce, W 56 x N 57-6. Crane Co vs. Ellen Ryan and Bay Construction Co. $2509.87

June 17, 1924—NW SACRAMENTO & Joyce. Central Sheet Metal Works vs Bay Construction Co and W J Ryan $312.50

June 17, 1924—NW SACRAMENTO & Joice W 56xN 57-6. Thos F O'Connor vs Ellen Ryan and Bay Constr Co.....$175

June 18, 1924—S SACRAMENTO 137-6 E Powell E 56-5xN 57-6. Star Ornamental Iron Works vs Bay Construction Co $477

June 17, 1924—S PACIFIC AVE 165 W Broderick W 55 x S 127-8¼ Frank Santini vs S A Schwartz, Bertha Schwartz and A M Hardy.. .....$370

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
3141	Ransdale	Ransdale	2500
3142	McNulty	Burks	7800
3143	Sawyer	Butzke	3500
3144	Pallen	Owner	3850
3145	Platz	Owner	1200
3146	Machado	Owner	2900
3147	Alder	Owner	4000
3148	Fisher	Owner	9000
3149	Silver	Nickerson	2000
3150	Cornwall	Van Ness	3000
3151	Pitus	Owner	13000
3152	Fisher	Owner	5000
3153	Pipenburg	Hostler	1400
3154	Aimonino	Corley	2950
3155	Chanquet	Hambleton	2710
3156	Cronin	Owner	6000
3157	Jacobs	Owner	3700
3158	Santos	Designers	5000
3159	Tansey	Slate	5683
3160	Chloupek	Anderson	6493
3161	Cox	Anderson	16700
3162	Davies	Owner	18500
3163	Mattern	Sorenson	11818
3164	Marssins	Johnson	9500
3165	Carpenter	Owner	3000
3166	Rubridge	Owner	6200
3167	Parayre	Gaubert	7000
3168	Phillips	Owner	3000
3169	Brown	Owner	3200
3170	Carter	Taylor	2000
3171	Capitol	Brumfield	1000
3172	Okld. S. F. Thre.	Hopper	4800
3173	Rizzo	Merritt	4500
3174	Avila	Owner	2200
3175	Baker	Owner	1000
3176	Meyer	Dahl	3000
3177	Lippow	Owner	4000
3178	Marquis	Owner	3100
3179	Heaton	Critchett	18000
3180	Shade	Owner	4000
3181	Jensen	Jensen	3700
3182	Krohn	Owner	3000
3183	Mills	Owner	3000
3184	Bilse	Brayton	5000
3185	Kulash	Knight	12500
3186	Osborn	Jensen	1170
3187	Haley	Owner	3000
3188	Asso. Oil	Owner	2300
3189	Union Oil	Owner	3000
3190	Daley	Daley	1000
3191	City Bkly	McCullough	2462
3192	City Bkly	McCullough	2080
3193	Moore	Moore	14000
3194	City Bkly	Catton	2679
3195	Hughes	Beach	10500
3196	Chloupek	Anderson	6493
3197	De Lucia	Baldwin	1000
3198	Seifert	Dubnoff	4200
3199	Smith	Henderson	12000
3200	Eagan	Coward	3000
3201	Crinz	Cabellers	3500
3202	Nansin	Kelty	3600
3202	Madge	Beekler	2500
3204	Watt	Owner	4000
3205	Giroch	Boeddeker	10000
3206	Lisna	Bolger	3000
3207	Hill	Owner	2500
3208	Davis	Owner	3900
3209	Bryan	Maurer	14639
3210	Watkins	McIntier	4550
3211	Hamilton	Sherwood	6500
3212	Tansey	Slate	4000
3213	Pollard	Owner	2000
3214	Condido	Roberts	2500
3215	Ala. Inv.	Owner	12000
3216	Albera	Pickrell	2500
3217	Goransen	Owner	6750
3218	Rimbert	Owner	5400
3219	Hoskin	Owner	6000
3220	Hopkins	Owner	2500
3221	Peterson	Owner	1000
3222	Pfrang	Owner	5250
3223	Fogh	Mullin	3000
3224	Briteax	Cahill	21000
3225	Lloyd	Owner	1500
3226	Watkins	McIntier	5000
3227	Bayliss	Hawkins	12000
3228	Smith	Maurer	
3229	Hoffman	MacGregor	1316S
3230	Gray	Malmstrom	18515
3231	Werner	Owner	3000
3232	Pallone	Hanson	1500
3232	Pallone	Hanson	1500
3233	Miller	Beadell	3900
3234	Wayerman	Attebury	3300
3235	Johnson	Owner	15450
3236	Anderson	Waddell	7000
3237	Neely	Barr	3950
3238	Roy	Owner	3500
3239	Carlson	Owner	2800
3240	Friedberg	Briscoe	4000
3241	Hansen	Gillespie	9000
3242	O'Connor	Owner	1450
3243	Frederick	Sandusky	1000
3244	Murphy	McIntier	6250
3245	Sexton	Owner	12000
3246	Morris	Herrick	1200
3247	Bussian	Owner	2900
3248	Tolman	Tranmal	13275

ADD & ALTERATION
(3141) 3006 COLLEGE AVE., Berkeley
Addition and alteration.
Owner—Francis M. Ransdale, 3006 College Ave., Berkeley.
Architect—None.
Contractor—J. T. Ransdale, 3006 College Ave., Berkeley. $2500

DWELLING
(3142) 2305 HEARST AVE, Berkeley.
dwelling.
Owner—McNulty.
Architect—None.
Contractor—C. E. Burks, 4129 Randolph Ave., Berkeley. $7800

DWELLING
(3143) 1117 PARKER, Berkeley. Ddlg.
Owner—C. N. Sawyer, 1331 Spruce St., Berkeley.
Architect—None.
Contractor—O. H. Butzke, 1315 66th St., Berkeley. $3500

DWELLING
(3144) 1842 SAN RAMON, Berkeley.
Dwelling.
Owner—A. H. Pallen, 686 61st, Oakland
Architect—None.
Contractor—A. H. Pallen, 686 61st St., Oakland. $3850

DWELLING
(3145) W BROADWAY TERRACE opp Uranus, Oakland. 1-story 4-room dwelling.
Owner—Henry Platz, 512 15th St., Oakland.
Architect—None. $1200

DWELLING
(3146) E CHURCH ST. 105 N Avenal Ave., Oakland. 1-story 5-room dwelling.
Owner—Chas. Machado, 1822 E 19th St. Oakland.
Architect—None. $2900

DWELLING
(3147) N FLORIDA ST. 180 N Maple Ave., Oakland. 1-story 6-room dwlg.
Owner—Alder & Clark, 2907 Florida St. Oakland.
Architect—None. $4000

DWELLINGS
(3148) 615 601 MARIPOSA AVE., Oakland. 1-story 5-room dwelling and 1-story 6-room dwelling.
Owner—H. P. Fisher, Syndicate Bldg., Oakland.
Architect—None. $400 & $500

DWELLING
(3149) 2201 NINETY-SECOND AVE., Oakland. 1-story 4-room dwelling.
Owner—M. Silver, 1040 98th Ave., Oakland.
Architect—None.
Contractor—G. E .Nickerson, 1040 98th Ave., Oakland. $2000

DWELLING
(3150) N QUIGLEY ST. 400 E 35th Ave Oakland. 1-story 5-room dwelling.
Owner—A. F. Cornwall, 4325 39th Ave., Oakland.
Architect—None.
Contractor—L. E. Van Ness, 4920 Park Blvd., Oakland. $3000

DWELLINGS
(3151) 791 795 SANTA RAY AVENUE, Oakland. Two 1-story 6-rm dwlgs.

NOW READY FOR DELIVERY—
PRIDDLE'S TABLES, called "3700 Splay Bases and Other Calculations," for Quantity Surveyors and Contractors.
Loose Leaves in Fabrikoid Covers $3.50 Net, Postpaid. Same in Genuine Leather Covers $5.50 Net, Postpaid.
Mail Personal Check to ARTHUR PRIDDLE, Publisher, 693 Mission St., San Francisco, Calif., U. S. A.

Owner—E. G. Pitus, 239 Bacon Bldg., Oakland.
Architect—None. $6500 each

DWELLING
(3152) 172 SANTA ROSA AVE., Oakland. 1-story 6-room dwelling.
Owner—H. P. Fisher, Syndicate Bldg., Oakland.
Architect—None. $5000

ALTERATIONS
(3153) 1177 SEVENTH AVE., Oakland Alterations.
Owner—John Pipenburg, 14th & Broadway, Oakland.
Architect—None.
Contractor—W. E. Hostler, 4081 Fruitvale Ave., Oakland. $1400

DWELLING
(3154) S SIXTY-FIFTH ST. 40 E Herzog St., Oakland. 1-story 4-room dwelling.
Owner—Cosmo Aimonino.
Architect—None.
Contractor—M. J. Corley, 4505 Grove St., Oakland. $2950

ALTERATIONS
(3155) SE COR. TWENTY-NINTH & San Pablo Ave., Oakland. Alterations.
Owner—Perry Chanquet, 960 E 18th St., Oakland.
Architect—None.
Contractor—Fred Hambleton, 3737 13th Ave., Oakland. $2710

FLATS
(3156) S THIRTY-FIRST ST. 75 E Market St., Oakland. 2-story 9-rm. flats.
Owner—D. W. Cronin, 883 31st Street, Oakland.
Architect—None. $6000

DWELLING
(3157) N EAST THIRTY-THIRD ST. 150 E 13th Ave., Oakland. 1-story 5-room dwelling.
Owner—H. B. Jacobs, 341 41st St., Oakland.
Architect—None. $3700

DWELLING
(3158) SW COR. WARFIELD AND Weldon St., Oakland. 1-story 5-room dwelling.
Owner—R. J. Santos, 3460 Hollis St., Oakland.
Architect—None.
Contractor—Designers & Builders Co., 1911 Shattuck Ave., Berkeley. $5000

BUNGALOW
(3159) LOTS 1 AND 2, BLK. 2155-A, City of Berkeley. General contract for bungalow.
Owner—J. J. Tansey and Mrs. Sadie Tansey, 1601 California St., Berkeley.
Architect—J. W. Slate, Berkeley.
Contractor—Slate & Wyman.
Filed June 11, 1924. Dated May 27, 1924.
Closed in 25%
Plastered 25%
Completion notice filed 25%
35 days after completion notice is filed 25%
TOTAL COST, $5683
Bond, $2800. Sureties, Maryland Casualty Co. Forfeit, $5.00 per day. Limit, on or before July 27, 1924. Plans and specifications filed.

RESIDENCE, GARAGE
(3160) LOT 13 AND N 15 FT. OF LOT 12, Blk. D, Map of Broadway Terrace. General contract for 1-story 7-room frame residence and garage.
Owner—E. A. and Alice Chloupek, 540 Apgar St., Oakland.
Architect—G. Williams, 63 York Drive, Piedmont.
Contractor — A. Frederick Anderson, Oakland.
Filed ——. Dated June 11, 1924.
Rafters in place 25%
1st coat plaster on 25%
Completed 25%
Usual 35 days 25%
TOTAL COST, $36493
Bond, filed. Sureties, Nils Anderson. Forfeit, $1.00 per day. Limit, 90 days from June 16th. Plans and specifications filed.

APARTMENTS
(3161) POR. LOT 23, MAP OF BRAY Tract. General contract for 2-story 20-room frame apartment house.
Owner—Fred and Nellie Cox, 1515 34th Ave., Oakland.
Architect—None.
Contractor — A. Frederick Anderson, Oakland.
Filed June 12, 1924. Dated May 28, 1924.
Rafters in place 25%
First coat plaster on 25%
Completed 25%
Usual 35 days 25%
TOTAL COST, $16,700
Bond, sureties, none. Forfeit, $5.00 per day. Limit, 90 working days. Plans and specifications not filed.
NOTE—Permit reported May 22, 1924 No. 2790.

DWELLING
(3162) 25 OAK BRIDGE RD., Berkeley. Dwelling.
Owner—Arthur Davies, Oakland Hotel, Oakland.
Architect—None. $18,500

STORES
(3163) 2008-10-12 SAN PABLO, Berkeley. Stores.
Owner—G. S. Mattern, 100 Oak Ridge Rd., Berkeley.
Architect—L. Upton, 454 Montgomery St., San Francisco .
Contractor — Walter Sorenson, 2940 Piedmont Ave., Berkeley. $11,818

DWELLING
(3164) 1160 SPRUCE ST., Berkeley, Dwelling.
Owner—W. H. Marstins, 1500 Arch St., Berkeley.
Architect—None.
Contractor—H. Elmer Johnson, San Leandro. $9500

DWELLING
(3165) 2249 WARD STREET, Berkeley. Dwelling.
Owner—E. E. Carpenter, Hotel Whitecotton, Berkeley.
Designer — E. E. Carpenter, Hotel Whitecotton, Berkeley.
Contractor—E. E. Carpenter, Hotel Whitecotton, Berkeley. $3000

DWELLING & GARAGE
(3166) N CAVANAUGH RD., 200 E Trestle Glen Rd., Oakland. 1½-story dwelling and garage.
Owner—Harold Rubidge, 5360 Locksley Ave., Oakland.
Architect—None. $6200

DWELLING
(3167) 6045 CLAREMONT AVE., Oakland. 1-story 6-room dwelling.
Owner—B. Parayre, 6030 Claremont Ave., Oakland.
Architect—None.
Contractor—N. Gaubert & Co., 4735 Brookdale Ave., Oakland. $7000

DWELLING
(3168) W DURANT AVE., 150 S VOLtaire Ave., Oakland. 1-story 5-rm. dwelling.
Owner—Frank M. Phillips Co., 718 Bryant St., San Francisco.
Architect—None. $3000

DWELLING & GARAGE
(3169) 937 57TH ST., Oakland. 1-sto. 5-room dwelling and garage.
Owner—Chas. F. Brown, 1707 Broadway, Oakland.
Architect—None. $3200

DWELLING
(3170) S FLORIDA ST., 140 W LAUrel Ave., Oakland. 1-story 3-room dwelling.
Owner—R. C. Carter.
Architect—None.
Contractor—F. S. Taylor, P. O. Box 97, Fruitvale. $2000

ELECTRIC SIGN
(3171) N FOOTHILL BLVD., nr. Seminary Ave., Oakland. Electric sign.
Owner—Capitol Theatre.
Architect—None.
Contractor—Brumfield Electric Sign Co., 802 East 12th Sh., Oakland. $1000

ALTERATIONS
(3172) SE COR. 14TH & BROADWAY, Oakland. Alterations.
Owner—Oakland-San Francisco Theatre Co.
Architect—None.
Contractor—M. E. Hopper & Son, 1117 Webster St., Oakland. $4800

DWELLING
(3173) S 41ST ST., 100 E GROVE ST., Oakland. 1-story 6-room family dwelling.
Owner—F. M. Rio, Hayward, Calif.
Architect—None.
Contractor—J. W. Merritt, 7934 Ney Av. Oakland. $4500

DWELLING
(3174) 1616 GRANT STREET, Oakland. 1-story 4-room dwelling.
Owner—John & Lavina Avila, 6850 Flora St., Oakland.
Architect—None. $2200

DWELLING
(3175) MAPLE AVE., 20 N WISCONsin St., Oakland. 1-story 3-room dwelling.
Owner—Geo. Baker.
Architect—None. $1000

DWELLING & GARAGE
(3176) 1537 92ND AVE., Oakland. 1-story 5-room dwelling and gar.
Owner—Henry Meyer, 1541 92nd Ave., Oakland.
Architect—None.
Contractor—E. W. Dahl, 2435 East 24th St., Oakland. $3000

ADDITION
(3177) W SAN PABLO AVE., 150 N 20th St., Oakland. 1-story brick and tile addition.
Owner—L. Lippow, 815 Grande Avenue, Oakland.
Architect—None. $4000

DWELLING AND GARAGE
(3178) 1707 73RD AVENUE, Oakland. 1-story 6-room dwelling and gar.
Owner—E. M. Marquis, 2928 Russell St. Berkeley.
Architect—None. $3100

APARTMENTS
(3179) E 6TH AVE., 94 SE EAST 18th St., Oakland. 2-story 16-rm. apartments.
Owner—N. T. Heaton, 2339 East 19th St., Oakland.
Architect—None.
Contractor—Frank Critchett, 139 Grand Avenue, Oakland. $18,000

DWELLING & GARAGE
(3180) 68TH AVE., Oakland. 1-story 5-room dwelling. and garage.
Owner—C. W. Shade, Richmond.
Architect—None.
Contractor—Shade, Kane & Humphrey, Richmond, Calif. $4000

DWELLING & GARAGE
(3181) W 61ST AVE., 150 S TRENOR St., Oakland. 1-story 5-room dwelling and garage .
Owner—Marie Jensen, 2515 Cole St., Oakland.
Architect—None.
Contractor—Anton Jensen, 2515 Cole St., Oakland. $3700

DWELLING
(3182) E 64TH AVE., 500 N AVENAL Ave., Oakland. 1-story 5-room dwelling.
Owner—Fred Krohn, 178 Gillette Ave., San Francisco.
Architect—None. $3000

DWELLING
(3183) SW COR. 62ND AVE., & MESaba Ave., Oakland. 1-story 4-room tile dwelling.
Owner—E. H. Mills, 21 Murdock Court, Oakland.
Architect—None. $3000

ALTERATIONS
(3184) 5410 TELEGRAPH AVE., Oakland. Alterations.
Owner—Herbert Bilse, 5410 Telegraph Ave., Oakland.
Architect—None.
Contractor—F. R. Brayton, 1030 Warfield Ave., Oakland. $5000

GARAGE
(3186) 1534 FILBERT ST., Oakland. General contract for garage.
Owner—Mrs. Anna M. Osborn, 1534 Filbert St., S. F.
Architect—Guy Brown.
Contractor—Jjensen & Peterson, 3443 Adeline, Berkeley.
Filed —— Dated —— .
Total payment 35 days after completion.
TOTAL COST, $1170
Bond, sureties, forfeit, none. Limit, 30 days from date. Plans and specifications not filed.

STORE, APTS.
(3185) S BOND ST. 57 W 51ST AVE., Oakland. General contract for 2-story store and apartment bldg & garages.
Owner—George M. Kulash, 1426 Franklin St., Oakland.
Architect — Harry C. Knight, 1426 Franklin St., Oakland.
Contractor — Harry C. Knight, 1426 Franklin St., Oakland
Filed June 12, 1924. Dated May 28, 1924.
Roof on $3500
Roof on 1500
Plastered 1500
Acceptance filed 1500
Usual 35 days 1500
2nd deed of trust 3000
TOTAL COST, $12,500
Bond, sureties, forfeit, none. Limit, 90 working days. Plans and specifications filed.
NOTE—Permit reported May 28, 1924 No. 2870.

DWELLING
(3187) 1229 CORNELL AVE, Berkeley dwelling.
Owner—R. J. Haley, 39 Nau St., Piedmont.
Architect—None.
Contractor—P. J. Haley, 39 Nau St., Piedmont. $3000

STATION
(3188) 1400 GROVE AVE., Berkeley. Gasoline station.
Owner—Associated Oil Co., 1100 Webster St., Berkeley.
Architect—None.
Contractor—Associated Oil, 1100 Webster St., Berkeley. $2300

STATION
(3189) 1901 GROVE ST., Berkeley. Gasoline station.
Owner—Union Oil Co., Powell, Emeryville.
Architect—None.
Contractor—Union Oil Co., Powell St., Emeryville. $3000

DWELLING
(3190) 1547 OREGON ST., Berkeley.
Owner—Mrs. J. Daly, 1549 Oregon, Berkeley.
Architect—None.
Contractor—D. J. Daly, 1551 Oregon St., Berkeley. $1000

SCHOOL
(3191) ROSE & GRANT ST., Berkeley. Temporary school.
Owner—City of Berkeley.
Architect—James Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—C. H. McCullough. $2462

ALTERATIONS
(3192) SPRUCE & MARIN, Berkeley. Alteration to school.
Owner—City of Berkeley.
Architect—James Plachek, 2014 Shattuck Ave., Berkeley.
Contractor—C. H .McCullough, Berkeley Way, Berkeley. $2080

APT. HOUSE
(3193) 2331 VIRGINIA ST., Berkeley. Apartment house.
Owner — Mary A. Moore, 1626 Scenic Ave., Berkeley.
Architect—None.
Contractor—E. P. Moore, 1626 Scenic Ave., Berkeley. $14,000

ALTERATIONS
(3194) VIRGINIA & MILVIA ST. Berkeley. Alteration to school.
Owner—City of Berkeley.
Architect—None.
Contractor—T. H. Catton, 2327 Prince St, Berkeley. $2679

APARTMENTS
(3195) S ALCATRAZ AVE. 240 E Dover St., Oakland. 2-story 12-room apartments.
Owner—E. M. Hughes, 1530 Franklin St., Oakland.
Architect—None.
Contractor — Beach & Hughes, 902 Washington St., Oakland. $10,500

DWELLING
(3196) 5429 BELGRAVE PLACE, Oakland. 1-story 7-room dwelling.
Owner—E. H. Chloupek, 540 Apgar St., Oakland.
Architect—None.
Contractor—A. L. Anderson, 2800 Delaware St., Oakland. $6493

ALTER & ADDITION
(3197) 3209 HOLLIS ST., Oakland. Alterations and additions.
Owner—C. DeLucia, 3205 Peralta Ave., Oakland.
Architect—None.
Contractor—W. S. Baldwin, 1644 Rosedale Ave., Oakland. $1000

DWELLING
(3198) SUB-DIV. NO. 31 LOT 88 NE Cor. Monterey Ave and Beverly Place, Berkeley. All work for dwlg.
Owner—Emily A. Selfert, Lincoln Ave., Berkeley.
Architect — Drafting Dept. of Home Designers Magazine, 1844 5th Ave., Oakland.
Contractor—H. Dubnoff, Berkeley.
Filed June 14, 1924. Dated June 12, 1924
Roof on $1050
Plastered 1050
Completed and accepted 1050
Usual 35 days 1050
TOTAL COST, $4200
Bond, $—; Sureties, National Surety Co Forfeit, none; Limit 60 working days; Plans and specifications filed.

DWELLING
(3199) 37 SOUTH HAMPTON RD., Berkeley Dwelling.
Owner—R. S. Smith, 2824 Shattuck Ave. Berkeley.
Architect—H. Crane, Hotel Oaks, Oakland.
Contractor—E. F. Henderson, 5744 Keith Ave., Berkeley. $12000

ALTERATIONS
(3200) NE COR. ALCATRAZ AVE. & Dana, Oakland. Alterations.
Owner—J. T. Eagan.
Architect—None
Contractor — J. Coward, 5908 Chabot Road, Oakland. $3000

DWELLING
(3201) 1714 AUSEON AVE., Oakland. 1-story 5-room dwelling.
Owner—M. Crinz, Pinole, Calif.
Architect—None.
Contractor — M. P. S. Cabellers, 4158 Park Blvd., Oakland. $3500

DWELLING
(3202) 978 ARLINGTON AVE., Oakland. 1-story 5-room dwlg.
Owner—Frank Nansin, 1029 59th St., Oakland
Architect——None.
Contractor—J. T. Kelty, 974 63rd St., Oakland. $3600

DWELLING
(3203) W CANON AVE. 150 N Hopkins, Oakland. 1-story 4-room dwelling.
Owner—Phillip Madge, 727 E-24th St., Oakland.
Architect—None.
Contractor—H. M. Beekley, 522 38th St. Oakland. $2500

DWELLING
(3204) E ELSTON AVE. 95 N E-38th St, Oakland. 1-story 5-room dwlg.
Owner — Gordon Watt, 553 27th St., Oakland.
Architect——None. $4000

APARTMENTS
(3205) N FARNUM ST. 140 W 34TH Ave., Oakland. 2-story 13 rooms, apartments.
Owner—Paul A. Giroch.
Architect—None.
Contractor—Joe Boeddekar, 1814 34th Ave., Oakland. $10,000

DWELLING
(3206) 2863 E NINTH ST., Oakland. 1-story 5-room dwelling.
Owner—M. Lisna, 821 29th St, Oakland.
Architect—None.
Contractor—Thos. Bolger, 3215 Fernside Blvd., Oakland. $3000

DWELLING
(3207) W SIXTY-EIGHTH AVE. 30 S Arthur, Oakland. 1-story 4-room dwelling.
Owner—Hill & Walters, 1600 High St., Oakland.
Architect—None. $2500

DWELLING
(3208) 2181 E TWENTY-SEVENTH St., Oakland. 1-story 6-room dwlg.
Owner—Geo. B. Davis, 3283 Hyde St., Oakland.
Architect—None. $3900

RESIDENCE, GARAGE
(3209) POR. LOT 7, BELLEVUE Park, Piedmont. General contract for 2-story frame and plaster residence and garage.
Owner—C. F. Bryan, 297 D Perry St, Oakland.
Architect—Schirmer-Bugbee Co., Thayer Bldg., Oakland.
Contractor—Geo. J. Maurer and F. D. Courtright, (Geo. J. Maurer Co.), 177 Ridgeway Ave., Oakland.
Filed June 16, 1924. Dated June 9, 1924.
Sheathing on $3659.75
Brown coat plaster on 3659.75
Completed and accepted 3659.75
Usual 35 days 3659.75
TOTAL COST, $14,639
Bond, yes. Sureties, Fidelity & Deposit Co. of Maryland. Forfeit, none. Limit, 115 days after filing this contract. Plans and specifications filed.

BRICK BLDG.
(3210) BEG. AT SW COR. OF 12TH and Market Sts., thence S 53 thence W 100 thence N 79-33 thence E 103-36 to beg. General contract for 1-story brick bldg., consisting of 4 store rooms.
Owner—W. H. Watkins, Thayer Bldg., Oakland.
Designer—H. W. McIntier, Oakland.
Contractor — H. W. McIntier, 1528 Franklin St., Oakland.
Filed June 16, 1924. Dated June 16, 1924
Brick work completed $1300
Roof installed 1300
Completed 1300
Usual 35 days 950
TOTAL COST, $4850
Bond, sureties, none. Forfeit, $5.00. Limit, 120 working days after June 16, 1924. Plans and specifications not filed.

DWELLING
(3211) 355 ARLINGTON AVE., Berkeley. Dwelling.
Owner—A. D. L. Hamilton, 972 Tulare St., Berkeley.
Architect—None.
Contractor—F. E. Sherwood 937 Evelyn Berkeley. $6500

DWELLING
(3212) 1608 CEDAR ST, Berkeley. Dwelling.
Owner—J. J. Tansey.
Architect—None.
Contractor — Slate & Wyman, 1711 B Lincoln Ave., Berkeley. $4000

DWELLING
(3213) 1234 ORDWAY ST., Berkeley. Dwelling.
Owner—A. J. Pollard, 77 Plaza Drive, Berkeley.
Architect—None.
Contractor—A. J. Pollard, 77 Plaza Dr., Berkeley. $2000

DWELLING
(3214) 1738 TENTH ST., Berkeley. Dwelling.
Owner—Frank Condido, 1734 10th St., Berkeley.
Architect—None.
Contractor—C. B. Roberts, 1823 Curtis St., Berkeley. $2500

DWELLINGS
(3215) 1607-11-15-19 TENTH ST., Berkeley. Four dwellings.
Owner—Alameda Investment Co., 703 Syndicate Bldg., Oakland.
Architect—None. $3000 each

DWELLING
(3216) S C ST. 300 E 98th Ave., Oakland. 1-story 4-room dwelling.
Owner—P. Albera, 9846 D, Oakland.
Architect—None.
Contractor—J. H. Pickrell, 696 Nevada St., Oakland. $2500

DWELLING & GARAGE
(3217) 1081 CLARENDON CRESCENT, Oakland. 1-story 9-room dwelling and garage.
Owner—H. Goranson, 3476 Laguna Ave, Oakland.
Architect—None. $6750

DWELLING
(3218) NE COR 40TH & LUSK ST., Oakland. 1-story 8-room two-family dwelling.
Owner—Otto Rinhert, 4026 Lusk St., Oakland.
Architect—None. $5400

FLATS
(3219) S 45TH ST 240 W WEST ST., Oakland. 2-story 10-room flats.

Owner—J. R. Hoskin, 8677 37th St., Oakland.
Architect—G. J. Wildy, 2510 Linden St., Oakland. $6000

DWELLING
(3220) S FRYE ST 215 MAPLE AVE., Oakland. 1-story 3-room dwelling.
Owner—F. M. Hopkins, 303 Frye St., Oakland.

Architect—None. $2500

DWELLING & STORE
(3221) N HOPKINS ST 35 W MAGEE Avenue, Oakland. 1-story 3-room dwelling and store.
Owner—P. H. Peterson, 3528 Hopkins St., Oakland.
Architect—None. $1000

DWELLING & GARAGE
(3222) E PERKINS 120 N WARWICK Ave., Oakland. 1-story 5-room dwelling and garage.
Owner—C. J. Pfrang, 480 Forest St., Oakland.
Architect—None. $5250

DWELLING
(3223) N QUIGLEY ST 100 W LOMA Vista Ave., Oakland. 1-story 5-room dwelling.
Owner—Mrs. C. P. Fogh, 3630 Quigley St., Oakland.
Architect—None.
Contractor—M. A. Mullin, 2506 11th Av., Oakland. $3000

CONCRETE STORES
(3224) E TELEGRAPH AVE 160 S 28th St., Oakland. 1-story concrete stores.
Owner—H. Brileau.
Architect—Reed & Corlett, 1206 Broadway, Oakland.
Contractor—Cahill Bros., Sharon Bldg., San Francisco. $21,000

ADDITION
(3225) 617 36TH STREET, Oakland. Addition.
Owner—J. A. Lloyd, 617 36th Street, Oakland.
Architect—None. $1500

BRICK STORE
(3226) S 12TH ST 50 W MARKET, Oakland. 1-story brick stores.
Owner—W. H. Watkins, Thayer Bldg., Oakland.
Architect—None.
Contractor — H. W. McIntier, 1528 Franklin St., Oakland. $5000
NOTE—Recorded contract reported June 17, 1924. No. 3210.

CONCRETE LAUNDRY
(3227) SE COR 26TH & ADELINE Sts., Oakland. 1-story concrete laundry.
Owner—Bayliss & Hawkins, 1502 38th Ave., Oakland.
Architect—P. J. Herold, 718 Hearst Bldg., San Francisco. $12,000

DWELLING
(3228) 2568 BUENA VISTA WAY, Berkeley. 2-story frame dwelling.
Owner—Mr and Mrs. Bryan H. Smith, 4428 E-14th St., Oakland.
Architect — J. K. Ballantine, Jr., 526 Powell St., S. F.
Contractor — G. J. Maurer and T. D. Courtright, 177 Ridgeway Ave., Oakland.
Contract not filed.
Plans and specifications filed.
TOTAL COST, $——

DWELLING, GARAGE
(3229) LOT 17 AND 10 FT. OF LOT 18, Guilford Place, Piedmont. General contract for 2-story 9-room dwelling and garage.
Owner—F. I. Hoffman, Piedmont.
Architect—None.
Contractor—C. M. MacGregor, 470 13th St., Oakland.
Filed June 17, 1924. Dated June 16, 1924
When frame is up $3292
When brown coated 3292
When completed 3292
Usual 35 days 3292
TOTAL COST, $13,168
Bond, filed. Sureties, G. A. Scott and J. F. Smith. Forfeit, none. Limit, 90 days after June 16, 1924. Plans and specifications filed.

DWLGS. & GARAGES
(3230) EUCLID AVE. AT ROSE ST., Berkeley. General contract for two 2-story and basement frame dwellings and garages.
Owner—Dr. B. Frank Gray, 1406 Euclid Ave., Berkeley.
Architect — Henry H. Gutterson, 526 Powell St., S. F.
Contractor—J. B. Malstrom, 2326 27th Ave., Oakland.
Filed June 17, 1924. Dated May 28, 1924.
Frame up, roof boarded $4628.88
Plastered 4628.89
Completed 4628.89
Completed 4628.89
TOTAL COST, $18,515.55
Bond, sureties, none. Forfeit, $3.00 per day. Limit, 110 working days. Plans and specifications filed.

DWELLING
(3231) 2336 ACTON ST., Berkeley. Dwelling.
Owner—C. A. Werner, 2416 10th St., Berkeley.
Architect—None
Contractor—C. A. Werner, 2416 10th St. Berkeley. $3000

DWELLING
(3232) 1813 CURTIS ST., Berkeley. Dwelling.
Owner—P. Pallone, 1811 Curtis Street., Berkeley
Designer—C. B. Roberts, 1823 Curtis St., Berkeley.
Contractor—M. Hanson, 1206 Delaware St., Berkeley. $1500

DWELLING
(3233) 2341 GRANT ST., Berkeley. Dwelling.
Owner—R. C. Miller, Grant & Channing Way, Berkeley.
Architect—None.
Contractor—Beadell & Lane 909 Spruce St., Berkeley. $3900

DWELLING
(3234) 2044 AUSEON AVE., Oakland. 1-story 5-room dwelling.
Owner—P. E. Wayerman, 383 Aroyuello Blvd., Oakland.
Architect—None.
Contractor—A. R. Attebury, 2198 42nd Ave., Oakland. $3300

DWELLINGS
(3235) 3104 3108 3112 3116 3120 BIRDsall Ave., Oakland. Five 1-story 5-room dwellings and 3 garages.
Owner—K. A. Johnson, 2429 13th Ave., Oakland.
Architect—None. $3000 each
$150 each

DWELLING
(3236) W BUENA VISTA AVE. 275 N Contra Costa, Oakland. 2-story 8-room dwelling.
Owner—H. L. Anderson, 6100 Chabot Rd., Oakland.
Architect—None.
Contractor—R. P. Waddell, 4925 Park Blvd., Oakland. $7000

DWELLING
(3237) E CAVANAUGH RD. 250 N Humphrey Place, Oakland. 2-story 5-room dwelling.
Owner—R. A. Neely, 5208 Manila Ave., Oakland.
Architect—None.
Contractor—Barr & Son, 306 26th St., Oakland. $3950

DWELLING
(3238) E CONGRESS AVE. 600 N Ygnacio Ave., Oakland. 1½-story 6-room dwelling.
Owner—A. B. Roy, 5424 Wadean Place, Oakland.
Architect—None. $3500

DWELLING
(3239) 2207 FORTY-EIGHTH AVE., Oakland. 1-story 5-room dwelling.
Owner—Carl O. Carlson, 2267 E-21st St. Oakland.
Architect—None. $2800

STORES
(3240) W GROVE ST. 175 S Apgar St., Oakland. 1-story 2-room stores.
Owner—Gerome Friedberg, 46 Fremont St., San Francisco.
Architect—None.
Contractor—Chas. Briscoe, 464 Central Ave., S. F. $4000

FLATS
(3241) E MATHER ST. 80 N Terrace St., Oakland. 2-story 11-room flats.
Owner—H. Hansen, 415 44th St., Oakland.
Architect—None.
Contractor—M. Gillespie ,2906 Regent St., Berkeley. $9000

DWELLING
(3242) NW COR. ONE HUNDRED Fourth Ave. and Walnut St., Oakland. 1-story 4-room dwelling and garage.
Owner—Frank E. O'Connor, 3564 San Pablo Ave., Oakland.
Architect—None. $1450

ALTERATIONS & ADDITIONS
(3243) 693 THIRTY-FIFTH STREET, Oakland. Alteration and addition.
Owner—Mrs. C. Frederick, 693 35th St., Oakland.
Architect—None.
Contractor—Sandusky & Moran, 1116 Seminary Ave., Oakland. $1000

DWELLING
(3244) S TRESTLE GLEN RD. 50 W Stratford Rd., Oakland. 2-story 6-room dwelling and garage.
Owner—E. T. Murphy, 1528 Franklin St Oakland.
Architect—None.
Contractor—H. W. McInter 1528 Franklin St., Oakland. $6250

DWELLINGS
(3245) S E TWENTY-EIGHTH ST. 100 135 170 205 W 21st Ave., Oakland. Four 1-story 5-room dwellings.
Owner—J. Sexton, 4111 Broadway, Oakland.
Architect—None. $3000 each

TANK TOWER
(3246) 440 TWENTY-FIFTH STREET, Oakland. Steel tank tower.
Owner—H. D. Morris, 440 25th St., Oakland.

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY
(THE SAN FRANCISCO BANK)
SAVINGS COMMERCIAL
INCORPORATED FEBRUARY 10th, 1868.
One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.
Member Associated Savings Banks of San Francisco
526 California Street, San Francisco, Cal.
DECEMBER 31st, 1923
Assets..... $89,174,468.57
Capital, Reserve and Contingent Funds..... 3,850,000.00
Employees' Pension Fund..... 430,275.37
MISSION BRANCH.....Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....Haight and Belvedere Streets
WEST PORTAL BRANCH.....West Portal Ave. and Ulloa St.
Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

Architect—None.
Contractor—Herrick Iron Works, 18th & Campbell Sts., Oakland. $1200

DWELLING
(3247) S FRYE 100 W Wilshire Blvd., Oakland. 1-story 5-room dwelling. Owner—H. E. Bussian, 1663 14th, Oakland.
Architect—None. $2900

RESIDENCE
(3248) 1530 LA LOMA AVE. at La Verada St., Berkeley. General contract for frame residence.
Owner—Edward C. Tolman, 2711 Virginia, Berkeley.
Architect—Warren Charles Perry, 260 California St., S. F.
Contractor—Tranmal & Bradhoff, 483 Crescent, Oakland.
Filed June 17, 1924. Dated June 17, 1924
Frame up .....¼
Plastered .....¼
Completed and accepted .....¼
Usual 35 days .....¼
Bond, sureties, forfeit, limit, none. Plans and specifications filed.

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Amount
June 11, 1924—LOTS 21 AND 22 BLK "A", Adeline St. Ppty., Oakland. P C Bayard to whom it may concern .....June 11, 1924
June 12, 1924—LOT 27 and W 12½ Lot 26 Blk 14, Map Solano Avenue Terrace, Oakland. Wm R and Helen Ware Meyer to G B Hearth and G H Wendt .....June 3, 1924
June 12, 1924—LOT 39 BLK "I" Map Sub. of Kinsell Tract, Elmhurst. Peter Anderson to whom it may concern .....May 1, 1924
June 12, 1924—S DURANT AVE about 150 E Dana St, Berkeley. J J Wessels to Walter Sorensen..... .....June 6, 1924
June 12, 1924—PTN BLK 13 Map of Cameron Tract, Oakland. L C Fish to whom it may concern..... .....June 11, 1924
June 13, 1924—LOT 1, BLK. D, MAP of Lincoln Park. Leo F. Ferguson to J. J. Hauri .....June 13, 1924
June 13, 1924—W 44-66 FT. OF LOT 27 Blk. R, Central Piedmont Tract No. 4. W. M. Myers and R. M. Myers to whom it may concern.. ..... June 10, 1924
June 13, 1924—1258 SUNNYHILLS RD Fletcher B. Taylor to Leroy M. Baird ..... June 5, 1924
June 13, 1924—LOT 137 AND 12½ ft. of NE side of Lot 135, Blk. A, Map of Westall Tract. George W. Addison to whom it may concern ..... June 10, 1924
June 13, 1924—W 39-32 FT OF LOT 26 and E 5-33 ft. of Lot 27, Blk. R, Central Piedmont Tract No. 4. W. M. Myers and R. M. Myers to whom it may concern .....June 10, 1924
June 13, 1924—LOT 56, BLK. 8, Lakeshore Highlands. Emilie E. Rash to Blucher Bros. ..... June 12, 1924
June 13, 1924—BEG AT THE PT. OF intersection of W line of Myrtle St. with the S line of 22nd St. thence S 95 ft thence W 120 ft thence N 95 ft. thence E 125 ft. to pt. of beg. Rose Baking Co. to F. A. Muller ..... June 2, 1924
June 12, 1924—N SIDE OF E 21ST ST 100 ft. E of 5th Ave. Charles J. and Catherine C. Rheim to Harry C. Knight ..... June 7, 1924
June 14, 1924——SW BENVENUE AV and Dwight Way, Berkeley. Ella H Bradshaw and Sarah J Sparks to whom it may concern..June 12, 1924
June 14, 1924—LOT 44 Map of the Oakland Prospect Homestead, Oakland. John P S Field to whom it may concern.....June 9, 1924
June 14, 1924—LOT 38, Piedmont Park, Oakland. Walter B Anderson to Alex F Marshall..... .....June 13, 1924
June 14, 1924—LOT 26 BLK 2107, Map of the Alden Tract at Temascal. D F and Mrs. D F Blair to E Pedersen.....June 12, 1924
June 14, 1924—SE GRAND ST. AND Euclid Ave., Alameda . Ralph H. Smith to Wm Holton...June 14, 1924
June 14, 1924—LOT 14 BLK 17, Havenscourt. Lewis Graham to whom it may concern..June 14, 1924
June 14, 1924—TRACT OF LAND LYing on and beyond In a W direction roadway known as Hazel Lane. Mrs. Oscar F. Long to Fred T. Westlund .....June 4, 1924
June 14, 1924—NE 12-6 LOT 3 & all Lot 4, Blk 7 Havenscourt. Frank L. Silberk to Paul Louis Kick.... .....June 14, 1924
June 14, 1924—W ½ LOT 6 BLK 15 Map "Broadmoor". George Deethardt by Alex C. Wieben agent to Alex C. Wieben.....June 7, 1924
June 14, 1924—PTN LOTS 16 AND 17 Blk 25, Warner Tract, Oakland. Alvin J Michaelson to whom it may concern.....June 13, 1924
June 16, 1924 — NO. 2422 SIXTY-eighth Ave., Oakland. F. C. Duerr to whom it may concern.June 16, '24
June 16, 1924—W SIDE OF BOSTON Ave. 242 North of Hopkins St. thence NE 40 NW 127 m or l. Winifred O. Williams to W. R. Brookes .....June 12, 1924
June 16, 1924—NW COR. TWENTY-first and Brush Sts. Nona M. Monsch to Mullen and La Voie. ... .June 7, 1924
June 16, 1924—SW COR. FIFTY-ninth St. and Doyle St., Emeryville New Metal Products Co. to Barrett & Hilp .....May 29, 1924
June 16, 1924—SW CORNER SEVENteenth and Clay Sts., Oakland. Pacific Gas and Electric Co. to Federal Electric Co. ...June 10, 1924
June 17, 1924—NW COR. CENTRAL Ave. and Oak St., Alameda. First M. E. Church of Alameda to Pacific Metal Products Co. ..June 12, 1924
June 17, 1924—NW COR. OF CENtral Ave. and Oak St., Alameda. First M. E. Church of Alameda to Carl E. Strom .....June 12, 1924
June 17, 1924—NW COR. OF CENtral Ave. and Oak St., Alameda. First M. E. Church of Alameda to R. N. Osborn (Bay Engineering Co.) ..... June 12, 1924
June 17, 1924—POR. LOT 21, BLK. D, East Piedmont Heights, Oakland. J. F. Perry to J. F. Perry..June 8, '24
June 17, 1924—655, 657, 31ST ST. A. Perata to Nick Work ....June 2, 1924
June 17, 1924—E 14th ST. BET. 53RD and 54th Ave 100 W of 54th Ave. Anna Carilla by H. F. Allen, agent, to whom it may concern.. ..... June 12, 1924
June 17, 1924—LOT 3, BLK. 3, MAP San Pablo Park. Ed. N. Carlson and H. A. Lunblad to whom it may concern ..... June 10, 1924
June 17, 1924—LOT 85, DOWLING Homestead Tract. L. M. Farrell to Glendon E. Houtz ....June 10, 1924
June 17, 1924—NE COR. 24TH ST. & Highland Ave. Jack Mackay to H. B. Foster .....June 16, 1924
June 17, 1924—3870 RHODA AVE. F. D. Katzenbach to L. A. Peters ..... June 13, 1924
June 14, 1924 — 1516 BEVERLY Place, Albany. Bessie B. Broadhead to Frank Broadhead..... ..... June 14, 1924
June 18, 1924—PROP. OF ALASKA Packers Association, located on Alameda Estuary. Alaska Packers Association to Eaton & Smith.... ..... June 14, 1924
June 18, 1924 — LOT 30, MAP OF Spring Court, Alameda County. C. M. Rogers to whom it may concern ..... June 17, 1924
June 17, 1924—POR. LOT 4, BLK. 2, Wheeler Tract, known as 1537 Euclid Ave., Berkeley. Alma Schmidt-Kennedy to Mark H. White ..... June 12, 1924
June 17, 1924—NE COR. 9TH AVE. and E-19th St. Jacob Vogtsberger and Elizabeth Votsberger to Harry C. Knight ..... June 14, 1924
June 17, 1924—LOT 10, BLK. B, MAP of Property of the Berkeley Homestead Association. Henry C. Seighold to Joseph Coward..June 16, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
June 13, 1924—W 55 FT. OF LOTS 14 and 15, Blk. 344, Templeton Tract. George Bateman and Benj. Baker vs. Margarite M and Herachio R. Ananos, George M. Merritt, and George M. Merritt Bldg. Co. ..$445.
June 13, 1924—W 55 FT. OF LOTS 14 and 15, Map of Templeton Tract, Oakland. C. P. and W. C. Haynes, and Haynes Brothers vs. Harry Ananos and Geo. M. Merritt Bldg. Co. ..... $800.
June 13, 1924—LOT 33, BLK. 17, Regents Park Tract No. 6, Alameda County. Stege Lumber and Hardware Co. vs. Filomena Silva, John Doe, Mary Green, Black-White Co. and W. N. Vierra $131.10
June 13, 1924—LOT 3, BLK. 6 MAP of Brookdale Terrace, Oakland. Wm. F. Garrett doing business under name of Garrett Mill & Lumber Co. vs. Mrs. Otis Lindsley and H. C. Bechel $111.80
June 13, 1924—LOT 218, MAP OF 4TH Ave Terrace Extension. James F. Thomas vs. Minnie Harris....$237.65
June 11, 1924—LOTS 5, 6, 7, BLK. 97, Northern Addition of the town of Clinton. L. C. Raymond vs. D. Berger, H. E. and T. L. Cecil, and S. S. Sallee $100.00
June 11, 1924—LOT 26 AND EASTerly 10½ ft. of Lot 27, Blk. A, Map No. 2, Garden Tract Homestead. Stege Lumber and Hardware Co. vs. John and Giacomo Gandi, Walt James, Harold De Normandie, John Doe, Mary Green, and Black-White Company $491.75
June 17, 1924—POR. OF FRACTIONal Blk. No. 57, Map of San Antonio, Alameda County. H. C. Orth and E. G. Braun, (Orth & Braun) vs. Clyde and Clara Doolittle....$53.00
June 17, 1924—1912 83RD AVE., Oakland. Chas. Ungaretti vs. Bartolomeo and Teresa Delpozza ..$737.00
June 16, 1920—NORTHERLY 12.50 FT of lot 87 and the southerly 25 ft. of lot 88 Amended Map of the Rhoda Tract. Oakland Bldg. Material Co. vs W. W. Clauson, J. Perkins, R. N. Hughes $293
June 14, 1924—LOTS 8 AND 9 and SE 7½ Lot 7 and NW 12½ Lot 10 Blk 97, Map or Northern Addition to Town of Berkeley. M D Berger vs F W Borden and J C Knust (Borden & Knust) $1030
June 14, 1924——LOT 1 BLK "B" Map of Carrol Tract, Eden Tp. Sunset Lumber Co vs R L Harris.....$409.45
June 14, 1924—LOT 33 and NE 10 Lot 34 Blk Q, Map of Laurell Grove Park, Oakland. Sunset Lumber Co vs Arabelle Siemsen and A Visser $404.81
June 18, 1924—LOT 5 BLK "C" Map of Glenwood Park, Oakland. J L Todd and J Z Todd (as Western Door & Sash Co) vs Frederick Dubovsky and Harry Wessel....$141 65
June 18, 1924—LOT 6, BLK. 3, HUFF Tract. W. G. Smith, $250; J. Costello, $97.15; San Leandro Mill & Lumber Co., $655.50., vs. F. W. Borden. .....
June 18, 1924—1518 27TH AVE., Oakland H. L. Call Lumber Co. vs. Mrs. Edw. M. Bray and J. E. Look $67.50

RELEASE OF LIENS

ALAMEDA COUNTY

Recorded Accepted
June 13, 1924—SE COR. OF E 14TH and 40th Ave. Rhodes-Jamieson to H. Stalzenberg $102.25
June 12, 1924—1620 BUENA VISTA Ave, Alameda. Herman H Bergfeld assgt. to Credit Clearance Bureau to T B Henry.....$75
June 12, 1924—W BROADWAY at a pt dist 250 N from pt of intersection with N line of 17th St. N 50 W 186 S 51.10 to pt. which beinf meas. on a line running parallel with Broadway is dist. 250 N from an extrs W across Telegraph Ave of said line of 17th St. E 154.6 to beg., Oakland. Ellen Lyden and Julia Doherty, admix Estate Martin Lyden to Smith Bros.....$6766.26
June 11, 1924—LOT 46, KEY ROUTE Acres. Hogan Lumber & Mill Co. to H. V. Hughes $257.05
June 16, 1924—NW O'FARRELL & Powell N 25 W 73 N 43-9 E 73 N 68-9 W 137-6 S 137-6 E 137-6. Gutsberg Tile Co. to Harriet Wheeler et al
June 11, 1924—N JESSIE 75 W 4th W 25xN 75. Mission Concrete Co to Jas D Costigan.....$3630.25
June 10, 1924—S TURK 187-6 W Taylor W 87-6xS 137-6. Otis Elevator Co to Thomas McDougall et al.....
June 18, 1924—2735 9TH AVE., Oak-

land. Geo. A. Johnson (General Mill & Lumber Co.) to Leo and Clarence K. Nichols, First Doe and Second Doe $151.54
June 18, 1924—NE COR. OF E-18TH St. and 4th Ave, Oakland. Crane Co. to J. Kalitsas and F. L. Warner $529.25
June 18, 1924—INTERSECTION NE line E-18th St. with SE line Park Blvd. or 4th Ave. SE 165 x NE 100 Ptn. Blk. 103, Higley's Map of Clinton. R. O. Torr, $725; Downey Glass & Paint Co., $76.25; Waterfront Sash & Door Co., $825; Fearey & Moll, Co-partners, $2250; Smith Hardware Co., $204.51; M. Friedman, (M. Friedman & Co.), $2725.41; Thos. F. Rigney, (The Rigney Tile Co.), $262; Maxwell Hardware Co., $1422.47; Carl Janson, $328; to Dimitrios P. Kalitzas.
June 18, 1924—INTERSECTION NE line E-18th St. with SE line of Park Blvd. or 4th Ave. SE 100 x NE 100, ptn. Blk. 103, Higleys map of Clinton. Otis Elevator Co. to D. P. Kalitsas and George A. Williams $2600
June 18, 1924—INTERSECTION NE line E-18th St. with SE line Park Blvd. or 4th Ave, SE 165 x NE 100 ptn Blk. 103, Higleys map of Clinton. Carl Janson, $654; Marshall & Stearns Co., $1900; Richard Spencer, $1050; George W. Spencer, $282.19; R. L. Jones, $616; American Trading Co., (Pacific Coast), $873; to Dimitrios P. and Louisa Kalitsas and George A. Williams..

BUILDING CONTRACTS

SANTA CLARA COUNTY

SCHOOL
CITY OF MT. VIEW. Stage curtain and stage scenery to be furnished and installed complete in new high school.
Owner—Board of Trustees of Mt. View Union High School Dist., Mt. View.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Western Scenic Studios, Oakland.
As work progresses..... 75%
Usual 35 days..... 25%
TOTAL COST, $1875.30
Two bonds, $937.65 each. Surety, Fidelity & Deposit Co. of Maryland. Limit, on or before May 29, 1924. Forfeit, none. Plans and specifications, none.

DWELLING
COR. BOYCE AND FOREST AVES., Palo Alto. All work for one-story strucco dwelling.
Owner—Frances E. Wagner, Prem.
Architect—None.
Contractor—Brickey & Da Mant, Palo Alto.
Filed June 11, '24. Dated June 6, '24.
Floors laid ..... ¼
Plastering done ..... ¼
Dwelling completed ..... ¼
Usual 35 days..... ¼
TOTAL COST, $3500
Bond, $2000. Sureties, E. R. Ellis and A. C. Ellis. Limit, 65 working days from June 6, 1924. Forfeit, none. Plans and specifications filed.

RESIDENCE
GREENWOOD ROAD near Saratoga Ave., Santa Clara. Excavating, concrete and cement work, brick work, iron, lumber, millwork, tile work, hardware, plumbing, plastering, painting, etc. (no electric work)- for one-story frame residence and garage.
Owner—N. S. Sacks, Los Gatos.
Architect—Wolfe & Higgins, 93-96 Auzerais Bldg., San Jose.
Contractor—Geo. Lindblom, 471 West San Carlos St., San Jose.
Filed June 17, '24. Dated June 16, '24.
Frame up and rafters on....$2047.50
1st coat plastering on..... 2047.50
Completed and accepted..... 2047.50
Usual 35 days..... 2047.50
TOTAL COST, $8190.00
Bond, $4095. Sureties, Otto E. Schnabel and John Lindgren. Limit, 70 working days from or after date of filing agreement Forfeit, none. Plans and specifications filed.

KITCHEN EQUIPMENT
MOUNTAIN VIEW, CALIF. Cafeteria kitchen equipment in new high school at Mountain View.
Owner — Board of Trustees of the Mountain View Union High School District.
Architect—W. H. Weeks, 369 Pine St., San Francisco.
Contractor—Nathan Dohrmann Co., San Francisco.
Filed June 12, 1924. Dated May 17, 1924
As work progresses 75%
Usual 35 days 25%
TOTAL COST, $1598
Bond, 2. Sureties, J. A. Werner and J. F. Sullivan. Forfeit, $799 each. Limit, on or before June 29, 1924. Plans and specifications not filed.

COTTAGE, three-room, $1000; Prevost St. near Brown, San Jose; owner, B. Cornello, Premises; contractor, G. Gaulier, Monntain View, Cal.
FLATS (2) two-story, $8200; 19th St. near San Fernando St., San Jose; owner, Miss A. Williston, 390 S-6th St., San Jose; designer, Whiteside-Davidson Constr. Co., 27th and Dwortridge Sts., San Jose.
COTTAGES (6), 5-room, $3950; Fuller St. near Delmas St., San Jose; owner, Hubbard et al; designer, T. Hersbach, Twohy Bldg., San Jose.
COTTAGE, 5-room, $1500; 19th St. nr. Julian St., San Jose; owner, A. F. Ferry, Premises.
FUNERAL parlors and apartments, $31,000; San Carlos St. near Market St., San Jose; owner, Thos. Monahan, 2nd and San Carlos Sts., San Jose; architect, Chas. McKenzie, Bank of San Jose Bldg., San Jose; contractor, Thos. Lannin, Smout Bldg, San Jose.
COTTAGE, 4-room, $1500; 11th and Bestor Sts., San Jose; owner, N. J. Howe, Premises.
COTTAGE, 4-room, $1950; 34th St. nr. Santa Clara St., San Jose; owner, Jno. Oscamore; contractor, J. W. Forward, 16th and Julian Sts., San Jose.
COTTAGE, 4-room, $1500; Poplar St. near Acacia St., San Jose; owner, J. A. Griner, Premises.
COMFORT station, $1000; Santa Clara and Twelfth Sts., San Jose; owner, Standard Oil Co.; architect, Company Engineer; contractor, E. E. Weldon, Builders' Exchange, San Jose.
COTTAGE, 4-room, $2725; Spencer near Auzenais, San Jose; owner, F. Forster, premises; contractor, Brown & Grupe, 97 N 13th St., San Jose.
ALTERATIONS, $4950; 63 W Santa Clara Ave., San Jose; owner, A. J. Hart; contractor, Jorgensen & Thomey, 63 W Santa Clara Ave., San Jose.
COTTAGE, 4-room, $1350; 25th near St. John, San Jose; owner, W. S. Long, San Jose.
COTTAGE, 3-room, $1000; Orchard near Humboldt, San Jose; owner, A. Rubino; contractor, G. C. Bastian, 1175 Palm St., San Jose
COTTAGE, 5-room, $3200; Acacia near San Pedro, San Jose; owner, Wm. H. O'Neil, 50 Sierra Ave., San Jose.
ALTERATIONS, $1200; 153 W San Carlos, San Jose; owner, Miss D. Hamburger, premises; contractor, W. J. Moore, Builders Exchange, San Jose.
ALTER marquise, $1400; First near San Antonio, San Jose; owner, West Coast Theatres, Inc., 134 Leavenworth St., S. F.; contractor, Federal Sign Co., 91 New Montgomery St., S. F.
COTTAGE, 5-room, $4200; 15th near Empire; owner, Mr. R. Azevedo, premises; architect, W. J. Martin, 416 Delmas, San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
June 7, 1924—PART BLK. 4, RANGE 5 West, San Jose. Stella C. Garcia to whom it may concern. June 6, 1924
June 7, 1924—LOT 38, AND N ½ OF 39 Shafter's Subdivision. Mary I. Bradbury to whom it may concern ..... June 6, 1924
June 7, 1924—NW ½ OF LOT 11, Blk. 6, Chapman and Davis Tract. Honor M. Lanctot to whom it may concern ..... June 7, 1924
June 7, 1924—N BALBACH W 345 FT. W Vine St. W on Balbach 45 ft. N parallel Vine 84-96 ft. W at right angle 345 ft. from Vine S 11 Vine 140-67 ft., San Jose. Stella C. Garcia to whom it may concern.... ..... June 6, 1924
June 7, 1924—LOT 4, BLK. 2, SAN Jose Park Tract. Harry Hiatt and Fannie Hiatt to whom it may concern ..... June 6, 1924
June 11, 1924—75 x 100 FT. AT COR. Ramona St. and Everett Ave., Blk. 14, part Lots 18 to 21 inc., Palo Alto. Mary J. Dollings to whom it may concern ..... June 9, 1924
June 11, 1924—PORTION OF LOTS 29 to 32 inclusive, Blk. 89, Palo Alto. Homer A. Buckley to A. M. Davis and D. B. Watermanas..June 6, 1924
June 12, 1924—NUMBER 460 NAGlee Ave., San Jose. Pietro Geraci to whom it may concern. June 3, 1924
June 12, 1924—PART OF LOT 14, Blk. 15, East San Jose Homestead Association. R. E. Ford to whom it may concern .....June 11, 1924
June 12, 1924—PORTION OF LOT 14 and 15, Blk. 15, East San Jose Homestead Association. R. E. Ford to whom it may concern. June 11, '24
June 12, 1924—PART LOT 15, BLK. 15, East San Jose Homestead Association. R. E. Ford to whom it may concern ..... June 11, 1924
June 12, 1924—PART LOT 22, BLK. 13, Hanchett Residence Park. Minnie Lamb to whom it may concern ..... June 10, 1924
June 12, 1924—PART LOT 3, BLK. 94 Lincoln Park, Palo Alto. Dean Nichols to whom it may concern ..... June 10, 1924
June 13, 1924—LOT NO. 31, IN BLK. 2, Map of the Alameda Park in the Rancho Potrero de Santa Clara,—Book R, of Maps, page 4, Santa Clara Co. records. William H. O'Neil and Ruth O'Neil to whom it may concern ..... June 11, 1924
June 13, 1924—S. P. RAILROAD STATION at Los Gatos. Southern Pacific Co. (Lessee) to Z. O. Field & Son ..... June 6, 1924
June 13, 1924—LOS ALTOS COUNTRY Club properties, West Terrace Drive, 1.46 acres more or less being a portion of Subdivision of Hale Ranch Clifford H. Sheldon to whom it may concern..June 12, 1924
June 13, 1924 — EAST SIDE OF South First Street known as ½ Acre portion 5, Chaboya petition of 500 acres Lot 6, East. Jo Cecchi and Julia Cecchi to Vincent Maggio ..... June 12, 1923
June 14, 1924—PART LOT 2, BLK. 96, University Park, Palo Alto. John Dudfield to whom it may concern ..... June 12, 1924
June 14, 1924—LOT 21, BLK. 2, Garden City Tract. Lena Fate Delmue to whom it may concern.... ..... June 13, 1924

RELEASE OF LIENS

SANTA CLARA COUNTY

Recorded Amount
June 10, 1924—S SANTA CLARA ST. 44 ft. W of line bet. Lots 1 and 2, West 93½ x 97½ ft. part Lot 2, Blk. 1, R 11 North San Jose. H. B. Miller, Frank J. Fisher and L. J. Van Dalsem, (doing business as Miller Plumbing Co.) to W. L. Atkinson and N. S. Jackson....$904.02
June 10, 1924—PART OF LOT 2, BLK 1, range 11, North San Jose. H. B. Miller, Frank J. Fisher and L. J. Van Dalsem to W. L. Atkinson and N. S. Jackson $222.59

LIENS FILED

SANTA CLARA COUNTY

Recorded Amount
June 24, 1924—CITY OF SAN JOSE, W line 21st St., SE 3-71 ft. from dividing line bet. Lots 16 and 17, Blk. 16, Beach's Addition, East San Jose. Southern Lumber Co. vs. Michael K. and Minnie C. Muller. $75.24
June 14, 1924—PART LOT 5, SOUTH Range 6, West, Santa Clara. Southern Lumber Co. vs. L. Garcia. $75.11

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE, GARAGE
LOTS 16 AND 17, WINCHESTER Acres, Menlo Park. Residence and garage.
Owner—Genevieve Ingram.
Architect—None.
Contractor—Woodworth Wethered.
Filed May 29, 1924. Dated May 22, 1924.
Framed .....¼
Plastered .....¼
Completed .....¼
Usual 35 days .....¼
TOTAL COST, $8450
Bond, $4225. Sureties, Henry E Passon and Joseph Metcalf. Forfeit, $10. Limit, none. Plans and specifications filed.

COTTAGE
SUBDIVISION A, WELLSLEY PARK, Redwood City. Cottage.
Owner—C. Cigilutti.
Architect—None.
Contractor—Harry W. Arnold.
Filed May 19, 1924. Dated Mar. 12, 1924.
Framed $1025
Plastered 1025
Completed 1025
Usual 35 days 1025
TOTAL COST, $4100
Bond, sureties, forfeit, none. Limit, 60 working days. Plans and specifications filed.

RESIDENCE, GARAGE
S ½ LOT 259 SAN MATEO PARK NO 3 San Mateo. 1½ story stucco residence and garage.
Owner—Chas. S. and Sadie Elms, 506 Highland, San Mateo.
Architect—None.
Contractor—Oscar L. Cavanaugh, 256 State, San Mateo.
Filed May 27, 1924. Dated May 27, 1924.
Framed $3375
Plastered 3375
Completed 3375
Usual 35 days 3375
TOTAL COST, $13,500
Bond, sureties, forfeit, none. Limit, 80 working days. Plans and specifications not filed.

RESIDENCE, GARAGE
COR. AMELIA AND MAC BAIN AVES., Menlo Park. Residence and garage
Owner—Angela C. Braden, Menlo Park.
Architect—Birge M. Clark, 600 Embarcadero Road, Palo Alto.
Contractor—Frank W. Fax, Palo Alto
Filed June 13, 1924. Dated June 12, 1924.
Roofed $2375
Browned 2375
Completed 2375
Usual 35 days 2375
TOTAL COST, $9500
Bond, $5000. Sureties, W. P. Gray and H. T. Biglin. Forfeit, none Limit, 100 working days. Plans and specifications filed.

DWELLING
LOT 22 AND PART OF LOT 23, BLK. 4, Hillcrest, Daly City. 2-story frame dwelling.
Owner—John Osian.
Architect—None.
Contractor—Charles Gust.
Filed June 12, 1924. Dated May 26, 1924.
Framed $1550
Plastered 1550
Completed 1550
Usual 35 days 1550
TOTAL COST, $6200
Bond, sureties, forfeit, none. Limit, 100 working days. Plans and specifications filed.

RESIDENCE
LOT 13 BONWER SUBDIVISION NO. 2 Hillsborough. 2-story frame residence.
Owner—Anna Maria Linden, 300 Occidental Ave., Burlingame.
Architect—E. L. Norberg, 409 Occidental, Burlingame.
Contractor—Dawsett & Ruhl, 77 O'Farrell St., S. F.
Filed June 12, 1924. Dated June 10, 1924.
2nd floor joists set $3375
Browned interior 3375
Jambs set 3375
Completed 3375
Usual 35 days 4500
TOTAL COST, $18,000
Bond $9000. Sureties, John Winnom and Fred Calcisen. Forfeit, $10.00. Limit, 100 working days. Plans and specifications filed.

LOT 24 BLK. 8, STANFORD PARK, Menlo Park.
Owner—John Lee Piersan.
Architect—None.
Contractor—A. B. Hughes.
Filed June 9, 1924. Dated June 5, 1924.
Enclosed $662.50
Browned 662.50
Completed 662 50
Usual 35 days 662.50
TOTAL COST, $2650
Bond, $1500. Sureties, H. R. Hope and Paul M. P. Forfeit, limit, none. Plans and specifications filed.

BUNGALOW
LOT 9, BLK. 7, RANGE C, Redwood City. 1-story bungalow.
Owner—John Capella, Redwood City.
Architect—None.
Contractor—O. M. Russell and S. M. Duncan.
Filed June 10, 1924 Dated June 9, 1924.
Ready to roof $906.60
Browned 906.65
Completed 906.60
Usual 35 days 906.65
TOTAL COST, $3626.50
Bond, $1814. Sureties, W. P. Gray and J. T. Thomas. Forfeit, none. Limit, 90 working days. Plans and specifications filed.

COTTAGE
BURLINGAME COUNTRY CLUB. One-story and basement cottage.
Owner — Burlingame Country Club, Floribunda, Hillsborough.
Architect—None.
Contractor — Coast Construction Co, Crocker Bldg., S. F.
Filed June 9, 1924. Dated May 28, 1924.
Roofed $4631.44
Browned 4631.44
Finished 4631.45
Usual 35 days 4631.45
TOTAL COST, $18,525
Bond. $9262.89. Sureties, The Etna Casualty Co. Forfeit, none. Limit, Sept. 1, 1924. Plans and specifications filed.

BUNGALOW, $4700; Lot 14, Blk. 12, Juanita Ave., Burlingame; owner, H. F. Sharp, 1132 Juanita, Burlingame; contractor, Taylor & Cannon
BUNGALOW and garage, $5000; Lot 14 Blk. 40, Balboa and Easton, Burlingame; owner and contractor, G. E. Ball.
BUNGALOW and garage, $4000; Lot 5, Blk. 61, Hillside Drive, Burlingame; owner, W. L. Brazelton.
BUNGALOW and garage, $4000; Lot 4, Blk. 61, Hillside Drive, Burlingame; owner, W. L Brazelton.
BUNGALOW and garage, $7000; Lot 9, Blk. 10, Burlingame Park, Burlingame; owner, W. B. Fields.
BUNGALOW, $4500; Lot 19, Blk. 23, Anita Road, Burlingame; owner, J. Byrnes; contractor, W. S. Zuper.
CLASS C building, $8000; Middlefield Road and Burlingame Ave., Burlingame; owner, J. Lawrense; architect, E. L. Norberg, 409 Occidental, Burlingame; contractor, J. Lawrens
CLASS C building, $9000; Middlefield Road and Burlingame Ave., Burlingame; owner, H. Lauder, 1500 Floribunda, Burlingame; architect, E. L. Norberge, 409 Occidental, Burlingame; contractor, H. Lauder, 1500 Floribunda, Burlingame.
BUNGALOW, $4000; Lot 12, Blk. 11, Lincoln Ave., Burlingame; owner, J. Sorenson.

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

RESIDENCE and garage, $4000; Lot 24 Blk. 37, Vancouver Ave., Burlingame; owner, Geo. W. Williams, 1321 Capuchina Ave., Burlingame; contractor, Geo. W. Williams, 1321 Capuchina Ave., Burlingame.
RESIDENCE, $4000; Lot 24, Blk. 9, Sanchez Ave., Burlingame; owner, H. H. Randles; contractor, H. H. Randles.
BUNGALOW, $4000; Lot 10, Blk. 36, Bernal Ave., Easton No. 2, Burlingame; owner and contractor, W. D. Franklin, 723 Acacia Ave, Burlingame.
BUNGALOW and garage, $3500; Lot 19 Blk. 3, Linden, Burlingame; owner, and contractor, Peter Dourel.
BUNGALOW, $6300; Lot 20, 10th Ave., Glazenwood, San Matco; owner, H. O. Jenkins, Glazenwood, San Mateo; contractor, S. A. Born Bldg. Co., San Mateo.
ALTERATIONS, $2000; 242 Elsworth; owner, A. Masterson, 242 Elsworth, San Mateo; contractor, F. Ferlea, 712 5th Ave., San Mateo.
ALTERATIONS, $1000; 60 Clark Drive, San Mateo; owner, D. E. Gunn, 60 Clark Drive, San Mateo; contractor A Dusenberry, 442 Hurlingham Ave., San Mateo Park.
BUNGALOW and garage, $7000; por. 299 and 300 Hillcrest Road, San Mateo; owner, C. C. Andrews, San Francisco; contractor, Simonds & Simonds, San Francisco.
BUNGALOW, one-story, $4800; Lot 8, Blk. 8, Wisnom Ave., San Mateo; owner, W. H. Benepe, 10 E Bellevue Ave., San Mateo; contractor, Wallace Masterhouse, 6 E Bellevue Ave., San Mateo.
BUNGALOW and garage, $10,000; Por. 270 N 77 Occidental, San Mateo; owner, Allan W. McIntyre, 446 Highland Ave., San Mateo; contractor, Allan W. McIntyre, 446 Highland Ave., San Mateo.
RESIDENCES, 4 2-story, $7000 each; E Highway and Oxford Rd., Burlingame; owner, Harry B. Allen, Inc., 168 Sutter St., S. F.; contractor, Earl B. Bertz, 168 Sutter St., San Francisco.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
April 5, 1924—SW LINE OF MIDDLEford Road, 100 ft. SE from Burlingame Ave., thence 80 ft. Burlingame Jules and Celestine J. Flobert to Coclerau Boelun Co..... ..... May 29, 1924
June 6, 1924—LOTS 25, 26 AND 27 Blk. 36, Easton No. 2, Burlingame. Evelyn and Frank G. Cuthbertson to George Williams Co. ..June 3, 1924
June 6, 1924—LOT 23, BLK. 1, Hayward Park, San Mateo. Foot & Parsons to William Coop. .June 1, '24
June 9, 1924—LOT 4, BLK. 18, Dingee Park. T. Cosaretto to Russell & Duncan ..... May 31, 1924
June 9, 1924—WEST POINT SLOUGH and Redwood Creek, Redwood City. Pacific Gas & Electric Co. to Duncanson-Harrelson Co. ..May 29, 1924
June 10, 1924—LOT 25, BLK. 17, Burlingame. H. H. Putnam to whom it may concern ..... June 6, 1924
June 7, 1924—LOT 9, BLK. A, Vera Ave. Villas, Redwood City. D. G. Schiel to Arthur Payne..June 6, 1924
June 10, 1924—LOT 1, BLK. 14, Redwood Highland. Alberto and Dolores A Barreto to Nosberg & Wicklund.....June 4, 1924
June 10, 1924—LOTS 10 & 11, BLK. 14; Lot 17, Blk. 17; Lot 15, Blk. 27; Lots 20 and 22, Blk. 31; Lot 15 Blk. 37, Redwood Highlands, Redwood City. Redwood Highlands Co. to Louis N. Pollard .....May 31, 1924
June 10, 1924—LOT 2, BLK. 3, Burlingame Park No. 4, Burlingame. Robert, Charles and Ida Helen Leonard to whom it may concern ..... June 7, 1924
June 12, 1924—LOT 20, BLK. 3, North Fair Oaks. M. A. Vroman to James R. Gittings ..... June 11, 1924
June 12, 1924—LOT 8, BLK. 8, High School Park, South San Francisco. Chas. F. Tacchi to Antonio Pianca ..... June 10, 1924
June 12, 1924—LOT 8, BLK. 1, Burlingame Grove, Burlingame. W. O. Nicolaide to whom it may concern ..... June 11, 1924

[illegible]

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded	Amount
June 8, 1926—LOTS 20 AND 21 BLK. [illegible] Park, City of Wm. Wayne [illegible]	$44.56
June 8, 1926—LOT 21 BLK. [illegible] Park Oaks James E. [illegible] vs M. A. Vincent	$221.01

LIENS FILED

SAN MATEO COUNTY

Recorded	Amount
June 8, 1926—LOTS 21 & 22 BLK. [illegible] Park Park Improvement Company Wm. Wooley vs F. J. [illegible] contractor and D. J. Brodderick owner	$116.68
June 8, 1926—LOT 2 BLK. 2 Burlingame Park [illegible] Improvement Co. G. Morrison vs Mary Morrison & Fred [illegible]	$231.85
June 8, 1926—LOT 12 BLK. 24 Burlingame The Greater City Land Co. vs Henry Bass	$466.61

BUILDING CONTRACTS

SACRAMENTO COUNTY

BUILDING

LOT 4 in Third Ave. no. 2424 and 2426 [illegible] Sacramento. A. [illegible] owner [illegible]

Owner—Ernest Lewis

Architect—[illegible]

Contractor—Fred H. Bear Company [illegible] Sacramento

Filed June 10, 1926. Valuation $[illegible]

Bond [illegible] Plans and specifications [illegible]

DWELLINGS

[illegible] in accordance with the [illegible] story dwellings

Owner—[illegible]

Architect—[illegible]

Contractor—E. P. Rogers

Filed June 10, 1926. Valuation $[illegible]

TOTAL COST $[illegible]

Bond [illegible] Plans and specifications [illegible]

[illegible] $1,000 [illegible] Sacramento owner May Levy, 1011 K St., Sacramento, contractor D. [illegible] Sacramento.

DWELLING, story frame and garage $4600. No. 865 Sacramento [illegible] Sacramento owner Hayworth & [illegible] Sacramento.

DWELLING, frame $3000. W. [illegible] Lot 6 [illegible] Sacramento owner McGowan & Moore [illegible] Sacramento. [illegible] Geo. McGowan.

DWELLING, frame $3600. Lot 18 W. [illegible] & K Tract, Sacramento owner [illegible] Sacramento. owner J. W. Morgan [illegible] Sacramento.

DWELLING, frame and garage $3000. No. 1061 N St., Sacramento, owner Bruce Cameron, 1216 16th St., Sacramento, contractor Geo. O'Brien, 1600 [illegible] Ave., Sacramento.

DWELLING, frame and garage $3000. No. 2 [illegible] Sacramento, owner [illegible] Lewis, 2011 16th St., Sacramento, contractor T. [illegible] 2716 Marina Way, Sacramento.

DWELLING, frame and garage $4500. No. 2127 24th St., Sacramento, owner Joe Sacramento, 1[illegible] Sacramento, contractor J. H. Chatterton, 1007 Bonney Way, Sacramento.

FLATS, 6 units, 6-room each and garage $7,000. No. 1012 G St., Sacramento, owner H. L. Moe, 1021 [illegible] Sacramento.

[illegible] $7,000. Fremont and [illegible] Sacramento, owner Sacramento City [illegible] Co.

DWELLING, one story frame and garage $4000. No. 1000 [illegible] St., Sacramento, owner G. Marcuse, [illegible] Sacramento, contractor H. M. Rice, 1104 Dickson Way, Sacramento.

DWELLING, one-story 6-room frame & garage $4,000. [illegible] 2300 C St., Sacramento, owner Arturo Mia, 2[illegible] C St., Sacramento, contractor G. Marco & Son, 2[illegible] 21st St., Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded	Amount
June 8, 1926—[illegible] FT. LOT [illegible] Park Terrace. Ben F. Martin vs [illegible] June 9, 1926	
June 8, 1926—LOT 22 FOREST VILLA [illegible] Tapper vs [illegible] May 18, 1926	
June 11, 1926—LOT 6 Block-6-[illegible] T. McKinnon vs [illegible] June 7, 1926	

LIENS FILED

SACRAMENTO COUNTY

Recorded	Amount
June 8, 1926—LOT 44 SOUTHGROVE Oaks Frank Z. Ann vs Margaret E. Lewis	$71.15
June 8, 1926—LOT 44 SOUTHGROVE Oaks [illegible] Adams vs Columbia & Richmond and Margaret E. Lewis	$[illegible]
June 11, 1926—LOT 106 BLK 22 [illegible] Heights [illegible] vs L. P. Dorsey	$[illegible]
June 11, 1926—LOT 44 AND E. 1/2 [illegible] Lot 45 [illegible] Oaks A. M. Swan vs Margaret E. Lewis	$[illegible]
June 11, 1926—N. 1/2 LOT [illegible] and N. 1/2 Lot 26 M. P. Terra vs M. J. Mathews	$[illegible]
June 11, 1926—LOT 44 AND N. 1/2 [illegible] Lot 45 [illegible] Oaks A. M. Swan vs Margaret E. Lewis	$[illegible]
June 11, 1926—N. 1/2 LOT [illegible] Lot 1-[illegible] Parkway vs Columbia Gas Co. [illegible] Rose Bowl	$[illegible]

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, one-story frame $3000. [illegible] Ave. and Sutter St., Richmond, owner [illegible] Richmond.

FACTORY, [illegible] frame and galvanized iron $5000. [illegible] and Pennsylvania Ave., Richmond, owner Pacific Iron Works Co., 22 [illegible] Richmond, contractor [illegible] Co., 1[illegible] Kansas Ave., Richmond.

DWELLING, one-story frame $4[illegible]. S. Florence St., Lot 21 and 22 [illegible] Richmond, owner [illegible] and [illegible] St., Richmond, contractor J. M. [illegible] 1[illegible] Richmond.

DWELLING, one-story frame $3150. [illegible] Lot 21 and 22 [illegible] Richmond, owner [illegible] Mesa, contractor [illegible] Lee & [illegible] Ave., Richmond.

DWELLING, one-story frame $3000. N. Carlton St., Lot 12 and 13 [illegible] Richmond, owner K. Harvey, 12[illegible] 3rd Ave., Richmond, contractor The Mason Co., 1[illegible] Macdonald Ave., Richmond.

LIENS FILED

SAN JOAQUIN COUNTY

Recorded	Amount
June 8, 1926—LOT 11 IN BLOCK 11 of Tracy Garden Farms W. R. Matthews and J. Mead vs Western Farms Corporation, a corporation, and [illegible]	$200

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded	Amount
June 11, 1926—LOT 1 BLK. 1 of [illegible] Addition to Stockton. [illegible] B. Brown and J. H. Lease to [illegible] May [illegible] June 8, 1926	
June 11, 1926—LOT 8 BLK. [illegible] Park Addition to Stockton. [illegible] Kennedy vs H. Brown. June 11, 1926	

BUILDING CONTRACTS

FRESNO COUNTY

STORE, 1001 No. 811 P St., Fresno, owner Kam Kawa Bros. 1[illegible] Kern St., Fresno, contractor Fisher & [illegible] Main St., Fresno.

LIENS FILED

FRESNO COUNTY

Recorded	Amount
June 11, 1926—LOTS 17 AND 18 BLK 1, [illegible] Addition No. 6, Fresno. [illegible] Lumber Co. vs K. Brown	$[illegible]
June 11, 1926—S. 50 FT. LOT 1, BLK 6, Sherwood, Fresno, California Savings Co. vs W. W. Kerr [illegible]	$[illegible]
June 11, 1926—LOT 15 AND 16 BLK 1, Columbia Add., Fresno. Blue Dove vs Alexander Shaw and P. A. Mott	$[illegible]
June 11, 1926—LOTS 19 AND 20 BLK 1, Dale Add., Fresno. Blue Dove vs Henry Barnes and P. A. Mott	$[illegible]
June 11, 1926—LOTS 3 AND 4 BLK 3, Palm Heights, Fresno. Street Lumber Co. vs Valley Bldg. & Loan Co.	$[illegible]
June 11, 1926—LOT 124 J. C. P. P. [illegible] Fresno. Street Lumber Co. vs J. C. Freeman, P. G. Lee and G. Dorsey	$[illegible]
June 11, 1926—LOT 100 Edwards Land Improvement Sub. No. 4, Fresno. Street Lumber Co. vs J. C. Freeman, P. G. Lee and J. Ken Fung	$[illegible]
June 11, 1926—LOTS 100 AND 101 Edwards Land Improvement Sub. No. 4, Fresno. Street Lumber Co. vs G. M. Mac Donald, J. C. Freeman and P. G. Lee	$[illegible]
June 11, 1926—LOTS 17 AND 18 BLK 1, High Addn. No. 5, Fresno. Mercy Bros. Lumber Co. vs A. E. Bertand	$[illegible]
June 11, 1926—LOT 12 NW 1/4 LOT 13 BLK 3, Kingsburg. D. B. Bertrand vs S. S. Lombard	$261
June 11, 1926—LOT 12 NW 1/4 LOT 13 BLK 3, Kingsburg. Crane Lumber Co. vs S. S. Lombard	$[illegible]
June 11, 1926—LOTS 17 TO 19 BLK 1, Del Fresno Heights & Fruitgrowers vs A. Davis and Tom Pinkney	$[illegible]
June 11, 1926—LOTS 1 AND 17 BLK 3, Torrence Terrace, Fresno. Mercy Lumber Co. vs H. D. Curran	$[illegible]
June 11, 1926—LOTS 12 AND 13 BLK 4, Torrence Terrace, Fresno. Mercy Lumber Co. vs H. H. Curran	$[illegible]
June 11, 1926—LOTS 1 AND 2 BLK 1, Torrence Terrace, Fresno. Mercy Lumber Co. vs H. H. Curran	$[illegible]

COMPLETION NOTICES

FRESNO COUNTY

Recorded	Amount
June 11, 1926—LOTS 1 TO 4 BLK. [illegible] Park Heights, Fresno. Handy [illegible] Company. June 1, 1926	
June 11, 1926—W. 50 FT. OF N. 10 [illegible] 11 W. 50 ft. of Lot 12 and N. 15 ft. of Lot 24, Long Tract, Fresno. Bldg. & Loan Co. vs [illegible] Company. June 11, 1926	
June 11, 1926—ADDITION TO BOULEVARD [illegible] Fresno. Domestic Economy Association vs Brandon & Bethan [illegible] May — 1926	

SPECIFICATIONS FOR ROOF MATERIALS PREPARED

Requirements for roofing materials for use on relatively flat roof surfaces are specified in a series of circulars issued by the Bureau of Standards, Department of Commerce. These specifications were prepared by the technical committee on bituminous roofing and waterproofing materials of the Federal Specifications Board and are intended to serve as master specifications for the purchase of such materials by the government. They cover materials for three, four and five-ply asphalt and coal tar pitch built-up roofing surfaced with gravel, slag, crushed stone, promenade tile, and slate slags; and give the physical characteristics of the product required as well as methods of sampling and testing deliveries.

The specifications were prepared after considering suggestions received from producers and manufacturers of roofing materials, roofing contractors, architects, engineers, and large users of built-up roofing. They are considered fair to both manufacturer and consumer, and are expected to result in securing products suitable for the particular conditions of use outlined. At the same time they allow a wide latitude in selection of raw materials and methods of production. They are based on tentative specifications originally prepared by the Bureau of Standards in January, 1921.

The following U. S. Government Master Specifications may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., for five cents each: Circular No. 156 coal tar saturated rag felt for roofing and waterproofing; Circular No. 157 coal tar pitch for roofing; Circular No. 158 surfacing materials for bituminous built-up roofing; Circular No. 159 asphalt for mineral surfaced roofing; Circular No. 161 asphalt saturated rag felt for roofing and waterproofing; Circular No. 162 asphalt primer for roofing and waterproofing.

LUMBER FIRM SUES

The California and Oregon Lumber Company has filed a suit in the superior court at Crescent City against Del Norte county to recover $5,213.72, which the plaintiff claims was unlawfully assessed against the corporation in excess of the amount of taxes due during the past fiscal year. The suit is based on the action of the Del Norte county board of supervisors, sitting as a board of equalization last August, in increasing the valuation of the company's large redwood timber holdings nearly $275,000 more than the assessment made by the late Assessor W. F. Malone.

Shope Brick Patents Declared Valid

A victory of far reaching effect was won in Portland, Ore., recently by D. F. Shope of the Shope Brick Company, when Judge R. S. Bean of the U. S. District Court rendered a decision declaring the patents controlled by his company as valid.

The decision was brought about through court action instituted by the Shope Brick Company against a Portland firm operating under the name of Ward & Peterson who were manufacturing brick with a similar process to that covered by the Shope patents.

In commenting on the favorable court action, Mr. Shope said: "While action was brought against the local firm, indirectly it affected the entire country inasmuch as we have plants operating in practically every section of the United States and the makers of equipment, which we have contended was an infringement on our patents, are endeavoring to compete with us. We wanted to know definitely whether our patents which were issued by the U. S. Government were valid or not."

Judge Bean, in rendering his decision, said:

The patent, which was issued in 1911, covers a process for waterproofing cement brick or cement blocks and consists of the covering of the face of the block with water and then applying pure cement and by agitating forcing the solution or mixture into the pore of the block, thus making it waterproof.

The defense raised two questions one of which was that they had not infringed this patent and the other was that the plaintiff was not the original inventor. Now, as far as the second question is concerned, there is in my judgment no room for controversy about infringement. The process used by the defendant was substantially the same as that covered by the patent, so if the patent is valid there is in my judgment no question about infringement.

Now the patent is the first one issued covering this method or this process. There were prior patents issued for covering cement blocks with cement but it was either under presure or by simple dipping, but the process described in plaintiff's patent is not anywhere disclosed directly by the prior art, and the rule is that the granting of a patent is prima facie evidence that the patentee is the first inventor, and of its novelty, and the burden of proof is on one who assails the patent for want of novelty, and many authorities have stated that every reasonable doubt should be resolved against him. Now, in view of that rule as I interpret this record, it has not been shown clearly that the patentee was not the original and first inventor of this process, and for that reason it seems to me that the plaintiff is entitled to the relief demanded in his prayer.

LUMBERMAN BANKRUPT

Roy W. Blair, an official of the California National Bank at Sacramento, has been elected trustee in the bankruptcy proceedings of Russell O. Douglas, a member of the Pierce-Douglas Lumber Company of El Dorado county. Douglas has listed his liabilities at approximately $12,000 and his assets at approximately $49,000. His liabilities are said to include some of the lumber company debts, and his assets also are said to include some of the lumber company's property. E. J. Hughes, referee in bankruptcy, announces that the trustee is endeavoring to settle bankruptcy proceedings without forcing the lumber company into the bankruptcy courts.

PRESERVATIVES USED BY BUILDERS

A chemical compound that, when mixed with a given proportion of water and applied to concrete floors, prevents a great deal of wear, has for a long time been successfully manufactured by L. Sonneborn Sons, incorporated, New York City. This is a floor hardner that has been used to advantage on many structures. Other compounds that may be used for waterproofing masonry, for preserving wood, and for doing other jobs are supplied by the same concern.

PORTLAND BUILDING SUMMARY

Building permits issued in Portland, Ore., for the month of May about equal those of a year ago, although residence construction showed a gain of 44 homes, valued at $179,305, over May, 1923. The totals were as follows:

During May, 1924, there were 1251 permits issued for a valuation of $2,535,760, of which 356 were residences, valuer at $1,348,450.

During May, 1923, there were 1323 permits issued for a valuation of $2,594,620, of which 312 were residences, valued at $1,169,145.

During April, 1924, there were 1432 permits issued for a valuation of $2,519,275, of which 430 were residences, valued at $1,599,535.

WILL ERECT PLANT

The Green Epidosite Industrial Corporation, 209 Bartlett Bldg., Los Angeles, is planning to establish a plant in Hawthorne, Calif. The company cuts and polishes epidosite, the green granite, which this company controls through deposits near Victorville. The company is capitalized at $250,000. George Reid, 305 E Pennsylvania Ave., Hawthorne, Calif., is president.

Larsen Construction Reports

Issued every business day of the year. Furnishes advance information on work projected and contracts awarded for all classes of building, street, sewer and highway projects, bridges, dams and harbor works, machinery, etc. Send for rates in your territory, advising class of work in which you are interested.

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A few products manufactured by W. P. Fuller & Co.

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Decoret (Varnish Stain)
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Fuller Oil Stains
Factory White Enamel
Fullerwear Spar Varnish (for inside and outside)
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40 For Finishing Varnish
Floor Wax
Conqueror Paint and Varnish Remover
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Estimates furnished on request

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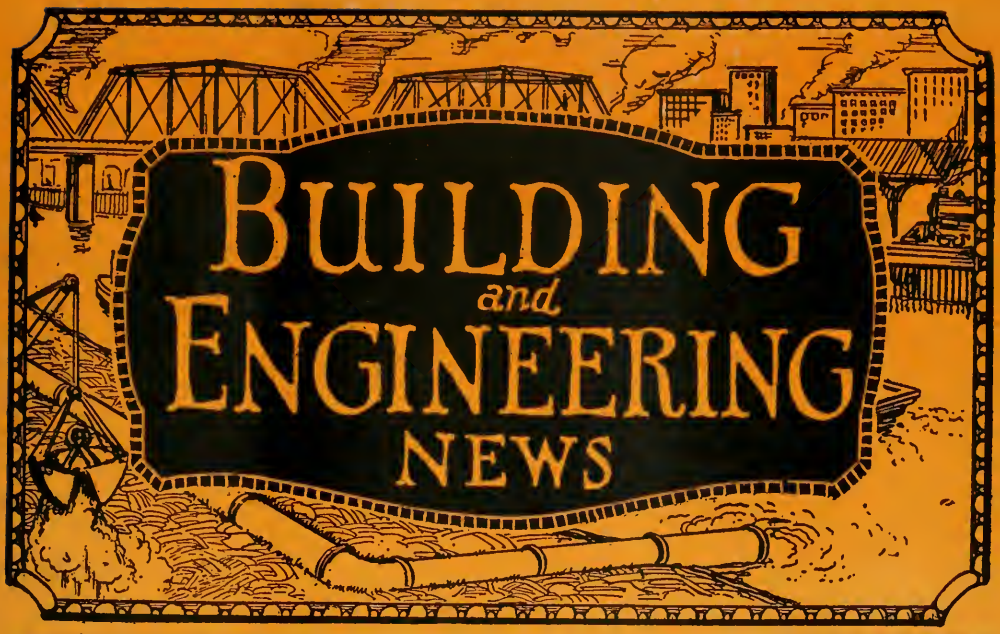
STOCKTON	PASADENA	SAN BERNARDINO	WALLA WALLA	SPOKANE
FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA



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Published Every Saturday
Twenty-fourth Year No. 26

Schumacher
Office
210 American Bank Building

Permanence
Economy

Wall
Warehouses
San Francisco Oakland
San Rafael

Appearance
Comfort

Board

For Sale by All Lumber and Building Material Dealers

KOEHRING

The **Heavy Duty Mixer**

KOEHRING K HEAVY DUTY

Remixes Concrete

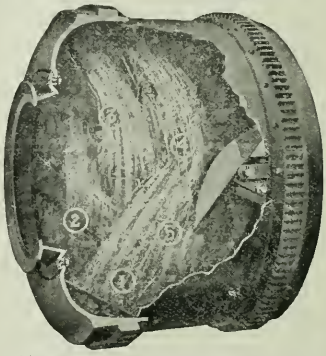
When materials have passed through mixing process once, and come to discharging side of the drum, the reversed discharge chute sprays them back to the charging side for repeated trips through the 5-action, remixing process. This spraying-showering action, at the same time prevents separation of aggregate according to size. To the last shovelful of every batch, Koehring-mixed concrete is uniform, re-mixed concrete—***dominant strength concrete***—and to every last casting and bearing, the Koehring is the heavy duty mixer of trouble-proof, long service life.

Capacities

Construction Mixers: 10, 14, 21, 28 cu. ft. mixed concrete. Write for Catalog C 000.

Pavers: 7, 10, 14, 21, 32 cu. ft. mixed concrete. Write for Catalog P 000.

Dandie: Light mixer, 4 and 7 cu. ft. mixed concrete; power charging skip, or low charging platform. Light duty hoist. Write for Catalog D 000.



(1) Blade cuts through materials with churning action. (2) Blade carries materials up, spilling down again against motion of drum. (3) Materials hurled across diameter of drum. (4) Materials elevated to drum top and cascaded down to reversed discharge chute which (5), with scattering, spraying action, showers materials back to charging side for repeated trips through mixing process.

KOEHRING COMPANY
MILWAUKEE WISCONSIN

"SOMETHING NEW"---Dandie Mixers In Stock With Rubber Tired Wheels.

HARRON, RICKARD & McCONE CO.

San Francisco Los Angeles

Building and Engineering News

Devoted to the Architectural, Building, Engineering and Industrial Activities on the Pacific Coast

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LOST CREEK DAM NEARING COMPLETION

The Lost Creek dam, thirty-five miles east of Oroville, one of the impounding units of the Oroville-Wyandotte Irrigation system, will be completed shortly, according to S. J. Norris, chief engineer for the project.

The water tunnel, which has been bored through the mountain to eliminate the danger of carrying water by flume on the hillside in Winter, is finished and the lower 500 feet of the tunnel is now being cement-lined to prevent seepage of water or weaking of the tunnel sides. The bore is seven feet in diameter. Water will be transferred from the flume to the tunnel on August 1st.

The dam itself will be completed up to the spillway, a height of 112 feet, by July 1st, and further construction later will enable water to be stored up to 115 feet. The water which now passes through the Forbestown ditch serves Bangor and Lake Wyandotte at Hurleton, whence it is distributed to Wyandotte, Palermo and the olive district.

The Concow dam, north of Oroville, which will supply Thermalito with water, is three-fourths completed.

Co-operative Action to Eliminate Irresponsible Contractor is Plan

Steps of vital importance to the nation, looking to the elimination of the irresponsible contractor through the co-operative action of surety companies, public officials and contractors' organizations were taken at a recent meeting when nationally prominent public officials, officials of surety companies and representatives of the Associated General Contractors of America met with Secretary of Commerce Hoover at the Department of Commerce.

The Associated General Contractors were responsible for the conference, that organization seeking to find some plan whereby the industry, with the co-operation of surety companies and public works officials, might devise some plan whereby the incompetent, irresponsible official contractor might be eliminated. Benefits from such an action, it was pointed out would be derived through the elimination of losses to the surety companies, through the elimination of hazards caused to the more responsible contractor and to the state governments.

Secretary Hoover, shortly after Gen. R. C. Marshall of the Associated General Contractors called the meeting to order, told those present that since he had become head of the Department of Commerce more than 500 similar conferences had been held in the Department. He spoke of the growing tendency on the part of industries to ask the Government for assistance in solving their difficulties. Co-operation by organizations and by allied industries, he said, holds the only hope of keeping the United States an individualistic nation with the proper development of private initiative. He discussed business booms and depressions, showing how depressions can be best prevented by overcoming the boom period with their accompanying wastefulness.

Methods of surety companies in their investigations before underwriting were described as lacking an adequate system in many cases, and several speakers urged the establishment of a credit rating system. It was revealed that there is a committee of surety companies which is working toward a closer understanding as to the process of classification and ratings under such classifications but that this work is not necessarily a credit rating system alone.

The action taken included a resolution favoring the elimination of the bid bond on contracts and the sureties consent. Discussion of this brought out a sentiment in favor of the use of securities like liberty bonds.

Another action taken was adoption of a resolution that all contractors should furnish full and accurate information at the time of making application for surety bonds both as to their financial standing, experience and contingent liability from work on hand, and that none of this information should be more than six months old. Discussion of this showed an agreement that in the bonding of a contractor, experience should be most important factor, and that the next should be his equipment, its amount and condition, while the third should be the financial condition.

An important contribution to the discussion was information given by state highway officials as to the contractors who bid for work in their vraious states.

A further action was to refer to a committee of three to be appointed by the chairman the improvement of methods of ascertaining credit information, the committee being charged with working out a better method than now obtains.

Another committee of three was ordered by the meeting to survey the present practice of surety companies in giving free service in engineering information and estimates. Discussion of this brought out a wide variance of opinion as to the value of present practices in this direction.

Further discussion was given to the practice of certain agents in splitting commissions with the contractor. This was denounced by representatives of the agents organization as hampering the efficiency of a large body of men who are giving honest service to both their companies and their clients.

The meeting referred to committees problems of other forms of securities, uniform enforcement of the time penalty and the publication of the name of surety companies on each security bond.

It was decided that these committees would have had time to complete their studies to a point where a report might be made at a meeting to be held late in September.

Among those present were: representing surety companies: E. A. St. John, president of the National Surety Co., A. M. Cook, vice president of the same company, E. W. Bush, engineer of the Aetna Casualty and Surety Co., Richard Deming, vice president of the American Surety Co., R. F. Proctor, vice president of the Maryland Casualty Co., F. A. Bach, vice president of the Fidelity & Deposit Co., Adney Hall, vice president of the United States Fidelity and Guarantee Co., and H. G. Bageron of the Continental Casualty Co. The contractors were represented by General Marshall, J. H. Cranford, president of the American Road Builders Association, Lloyd Brown, president of the Lakewood Engineering Co., H. H. Weston of Minneapolis, and H. H. Wilson and T. T. Waner. The State Highway officials included Fred R. White of Iowa, president of the American Association of State Highway Officials, W. R. Neel, chairman of the committee of that organization on co-operation with contractors, L. W. Bonlay, director of Highway and Public Works of Ohio, Frank R. Rogers, State Highway Commissioner of Michigan, and P. S. Wilson of the Bureau of Public Roads. The agents were represented by Arthur G. Howell of the National Association of Casualty and Surety Agents, Holcombe G. Johnson, W. G. Wilson and C. R. Lawrenson of Cleveland, Charles H. Burras of Chicago, and J. K. Livingston of Detroit.

THE OBSERVER

WHAT HE HEARS AND SEES ON HIS ROUNDS

Los Angeles building operations for June are running slightly ahead of those for May. Up to and including the 17th the number of permits issued in June was 2065 and the estimated valuation was $5,899,916. For the corresponding period in May the number of permits was 2282 and the estimated valuation $5,477,300. For 17 days of June, 1923, the number of permits was 2849 and the estimated valuation $7,-651,987. For the current year, up to and including June 17th, the total was $74,436,112, as compared with $86,-466,717 for the corresponding period in 1923. A more optimistic feeling appears to prevail in the construction field. Apparently possible developments of the summer period have been discounted and builders are looking to an extension of activities in the fall. General business conditions have taken on a better tone, according to reports.

More than 90,000 signatures are contained in an initiative petition filed with Secretary of State Frank C. Jordan proposing that a measure go on the ballot in the November election to enable The People to vote on the proposition of declaring highway transportation companies common carriers and taxed by the state 4 per cent of their gross receipts in lieu of any other form of taxation. The petition, the largest ever filed in the state, carried 90,197 signatures, with only 77,263 required.

F. Rolandi of San Francisco on a bid of $391,740 awarded contract by State Highway Commission to construct the Douglas Memorial bridge over the Klamath River at Requa, in Del Norte county. The estimate of State Highway Engineer Morton for construction was $422,469. The lowest bid was offered by M. H. Doering of Portland, Ore., at $354,685. Doering claimed a mistake and was permitted to withdraw.

Edward R. Beacon Company, Folsom and Seventeenth Streets, San Francisco, has issued a loose-leaf, 4-page price list pamphlet, featuring the "Bacon-Built" Dumping Units. Specifications covering the units are described in the pamphlet, obtainable from the company on request.

Fowler Bridge Company, capitalized at $50,000, has been incorporated. Directors are H. M Hobensack and H. N. Fowler of Verdugo City and C. C. Cooper, W. P. Llewellyn and Chas. T. Barrow of Glendale. The principal place of business is Verdugo City.

L. A. Williams has been named general manager of the Marysville Brick Company, operating a plant at Marysville Williams succeeds J. O. Wanzer, former city manager of Marysville, who resigned.

California Wall Bed Company, formerly located at 714 Market street, has moved to new and larger quarters at 359 Sutter street, San Francisco.

City of Reedley, Fresno County, will vote bonds of $130,000 July 22, to finance construction of sewage system.

The automobile industry used nearly one billion feet of lumber in 1923, according to trade estimates.

The City Commissioners of Portland, Ore., have instructed City Attorney Grant to prepare an ordinance making it necessary to have plans and specifications for buildings approved before contracts can be let. The ordinance was prompted at the request of the contracting fraternity, whose representatives point out that frequently contracts are let and later plans are sent to the city for checking. When it is found that changes must be made in the plans, the contractor must frequently stand the added expense and the passage of the ordinance as suggested is to serve as a protection to the contractors.

Properties of the Imperial Gypsum Company at El Centro, have been sold to the Pacific Portland Cement Company, Consolidated, according to advices from the southern city. The purchase includes a twenty-mile narrow gauge railroad connecting the mines north of Dixieland with the S. D. and A. Railway at Dunaway Station. The purchasing company is reported to be planning to expend $1,000,000 in development work.

During April of this year the foreign importations of forest products at Los Angeles harbor covered 2296 telephone poles, 10,251,379 ft. lumber, 1,-240,400 lath, 741 bdl. shingles from Canada, 51,750 ft. of hardwoods from Guatemala, and $8516 worth from the Philippine Islands. There was also received 388,718 ft. of hardwood from the Atlantic coast and 55,503 ft. of timbers were exported to Mexico.

Headquarters of the Lincoln Highway Association at Detroit, Mich., announce that Jim Houlihan, for years widely known on the coast as the automobile editor of the Oakland Tribune, has been appointed State Consul for the Association following the resignation of joseph E. Caine who has held the post since the inception of the work in 1913.

P. McArthur, of Detroit, Michigan, who is interested in the McArthur and Ducey timber holdings south of the south grove of the Calaveras Big Trees, recently made a survey of the holdings. The tract comprises about 12,000 acres of the finest timber in the Sierra forests.

According to a report issued by the Southern Pacific Railroad yesterday, a savings of more than $2,000,000 was made last year through accumulation and reclamation of materials that might ordinarily be classed as worthless.

Seven acres of land have been purchased in Elmhurst, Alameda county, and building operations on a plant will be started at once by the Chicago Lumber Company of Washington, it is announced by L. V. Graham, vice-president of the company.

Southern Pacific Company has purchased additional lands near Stockton and contemplates expending $500,000 in improvements, the work to be undertaken early in 1925.

Frank R. Goodman, former state highway engineer of Arizona, has been appointed city engineer of Flagstaff, Ariz.

ARCHITECTURAL TERRA COTTA

The Department of Commerce announces that, according to reports for the Census of Manufactures, 1923, the establishments engaged primarily in the manufacture of architectural terra cotta in that year produced 134,810 tons of this product, valued at $16,827,776, or an average of $124.27 per ton. Twenty-seven of these establishments also reported other products, such as brick and tile, of a total value of $15,517,233, the value of their terra cotta production being 90 per cent of the total. In 1922 the total value of all products reported by the establishments which manufactured architectural terra cotta was $14,981,916, the value of their terra cotta production being 82 per cent of the total .Three establishments have not yet submitted complete reports for 1923, but the tonnage and value of their terra cotta production are included in the figures given above.

S. P. TO BUILD ROAD THROUGH PHOENIX, ARIZONA

The San Francisco offices of the Southern Pacific Railroad Co., announces its intention to construct a main line railroad through Phoenix, Ariz. as soon as steps have been completed between that company and the El Paso and Southwestern system for associating their properties in furtherance of the Interstate Commerce Commission's plan for consolidation of railroads.

The road, to be completed in two years, will start at or near Red Rock or Picaho through the Casa Grande Valley irrigation project, connecting with the Poenix and Eastern, whose line together with the Arizona Eastern from Phoenix to Hassayampa, will be brought up to main line standards and will be connected by new construction with the present Southern Pacific between Colfred, Ariz., and Indio, Cal.

SACHAMENTO TO ORGANIZE SILVER CREEK POWER BOARD

An ordinance creating salaries for three officers of the Sacramento Municipal District, to carry out the preliminary work of the Silver Creek power project, has been passed.

The three officers are those of general manager, which carries an annual salary of $10,000; an accountant who will receive $3000, and a treasurer whose annual salary will be $300.

Albert Givan, city engineer of Sacramento, is slated to fill the position of general manager. Givan has been connected with the city engineering forces since 1921.

Among those reported to fill the city engineer's position are Julian I Prugh, now superintendent of the city water mains; Joseph Gross, civil engineer of Sacramento; Joseph C. Boyd, Sacramento engineer, and Joseph E. Temper, assistant city engineer.

QUESTION PAYMENT TO SKAGIT CONTRACTORS

SEATTLE, Wash.—Whether the city shall pay R. C. Storrie & Co. $47,-530.20 for extra cement used on Skagit tunnel work, is a question for the court to determine. Corporation Counsel T. J. L. Kennedy declared in an opinion recently. The opinion was rendered at the request of Comptroller Harry W. Carroll.

Kennedy contends that the city's liability is only determinable by court action.

Fennell & Chisholm, general contractors and members of the San Francisco Builders' Exchange, have filed articles of incorporation. The company is capitalized at $25,000. Directors are: J. S. Fennell, R. A. Chisholm and J. E Fennell. The principal place of business is San Francisco.

ORGANIZATION NEWS

Organizations having a direct connection with the construction industry are invited to submit news for publication in this department.

"SAFETY FIRST" IS AIM OF S. F. INDUSTRIAL ASSOCIATION

Realizing that the unprecedented building activity in San Francisco has created conditions with which the regular state and municipal safety officials cannot cope; the Industrial Association of San Francisco, according to information given out, has instituted a safety service which will be carried on along with its other various activities.

A well known local safety engineer was retained by the Association several months ago, and has since been engaged in making a safety survey of the community and in instructing the Association's corps of inspectors in all lines of safety work. These inspectors have charted and mapped the entire city; and are now going regularly from job to job to check up and report on such matters as flimsy and inferior scaffolding, absence of temporary floors in buildings under construction, inadequate railings, exposed belts, gears, flywheels, sprockets and other such machinery, unguarded signal cords and floor openings, and various other of the hazards which are attached to the building industry. Whenever any one of these hazardous conditions is found, the inspector reports it at once to the job contractor and to the Industrial Association; and re-inspection of the job is made within forty-eight hours. Usually the contractor is found ready and willing to remedy the condition at once; but if he should prove recalcitrant, the matter is immediately turned over to the state or municipal safety enforcement authorities in whom is lodged power to hold hearings, conduct investigations and assess punishment. So far virtually all contractors have shown a spirit of hearty co-operation—complying promptly and cheerfully with all the Industrial Association's suggestions in this respect; and it is believed that not only will the Association's safety service appreciably cut down the toll of death and injury in the construction industry, but likewise ultimately decrease liability insurance rates and premiums.

BUILDING OWNERS TO CONVENE

The annual convention of the National Association of Building Owners and Managers, to be held this year at Colorado Springs, Colo., from June 23 to June 27, will be attended by a dozen San Francisco office building owners and managers who left yesterday for the conference. Among those who are in the party are the following:

R. T. Smith of the Crocker Estate Company; Charles W. Smith, executive secretary of the San Francisco Association; E. Clarence Holmes, president of the San Francisco Association; J. B. Williams of the Balfour building; P. J. O'Shaughnessy of the Howard building; F. Murphy of the Mercantile Trust Company; R. W. McElroy of the Phelan building; E. M. Applegarth, Albert Lachman; J. R. Stolz, H. D. Saville, Merchants' Exchange building, and T. A. Preston, Standard Oil building.

"Building wages and building costs have been, and still are, out of line with other costs. They are not likely to stay out of line very much longer."—B. C. Forbes, in San Francisco Examiner.

Builders To Visit Livermore Hospital

Howard S. Williams, General Contractor For U. S. Veterans' Hospital Will Entertain

Some time in July, the sub-contractors and material men on the U. S. Veterans' Hospital at Livermore will inspect the work and have a banquet at the Palace Hotel in Livermore. Howard S. Williams of San Francisco, general contractor on this job has extended a general invitation to the building industry to inspect the buildings going up 4½ miles from Livermore.

Joe Odgers, advertising manager of the Bldg. and Eng. News, and Clarence F. Pratt, President of the Pratt Building Material Company, are a committee on arrangements and have decided that each one is to take his own car, fill it up with friends and spend the forenoon (two hours from San Francisco or Oakland) at the veterans' hospital and all have lunch at the Palace Hotel, each paying for his own lunch.

Clarence, better known as Sandy, Pratt will be toastmaster and speeches will be made by several men, prominent in the building world.

Among those who have agreed to go on the July date to be announced later are:

Howard S. Williams, General Contractor; Wm. B. Gray, Standard Plaster Co.; Steve Guerin, J. S. Guerin & Co., cement and sand dealers; Mr. Weadinhall of Weadinhall reinforcing steel; Mr. Mitchell, Henry Cowell Lime & Cement Co.; Clarence F. Pratt, Pratt Rock & Gravel Co.; Joe Odgers, Advertising Manager, Bldg. & Eng. News; Joe Greenback, Contracting Plasterer; Chas. Munson, Lathing Contractor; Chas. Cadman, Atlas Mortar Co.; C. Dickey, President Dickey Master Tile; W. S. Rue, Sales Manager, California Brick Co.; Emil Hogberg, Brick Contractor; Mr. Cashman, Fiberstone Roofing Co.; Chas. McTavish, District Salesmanager, Pratt Building Material Co.; Mr. Joseph, Pacific Roll Metal Co.; Tyre Bros., Glass Manufacturers; Chas. Holliday, Mgr. Truscon Steel Co.; Mr. Mr. Hill and Mr. Hubble, Hill, Hubble Co., paints; Patrick Meherin, Mgr. Mark M. Meherin & Son, Insurance Brokers; Mr. Bomer, District Sales Manager, Chas. Nelson & Sons, lumbermen; Mr. Cerey, Redwood Mfg. Co., mill work; Wm. J. Feary, Western Lime & Cement Co.; Mr. Schraeder, Schraeder Iron Works; Cris Hilliard, Hilliard Iron Works; Mr. Strouble of Strouble Hardwood Co. of Oakland; Edward R. Bacon, Edward R. Bacon Co.; A. Smith, Mack Truck Co.; Mr. Mangrum, Mangrum & Otter, dampers, etc.; Harrin, Rickard & McCone, concrete machinery; Old Mission Cement Co.; Martin Co.; Mission Stucco.

From the interest being shown it looks like the Builders' Exchanges, both in San Francisco and Oakland, will close on the day of the outing. As this is one of the largest jobs of this kind now going on in California, much comment has been made.

CLOSED SHOP CAUSE FOR HIGH RENTS, IS CLAIM

Noel Sargent, manager of the open shop department of the National Association of Manufacturers, declared in an address at the University of Pittsburgh, that the closed shop in the building industry has greatly increased rents in this country during the past two years. Mr. Sargent said:

"During the past two years building erection in the towns of Birmingham, Detroit, Jacksonville, Norfolk, Philadelphia, Richmond, San Francisco, Los Angeles and Minneapolis has been predominantly open shop, and figures issued by the United States Department of Labor show that the average rent increase in these towns during the years 1922 and 1923 was 2.3 per cent. The Bureau of Labor Statistics also presents figures for Cincinnati, Cleveland, Houston, New Orleans, New York City, Pittsburgh, St. Louis, Scranton and Washington, showing that the average rent increase in these nine cities during the same period was 4.7 per cent, or twice as great. In all of the latter cities construction during the two-year period was overwhelmingly closed shop.

"The advocates of closed shop unionism must either show that the closed shop benefits the public or be prepared to find ever increasing nation-wide support of the public to the open shop, which permits employment without regard to membership or non-membership in lawful labor organizations."

ENGINEERING EMPLOYMENT REPORTED SLACK BY A. A. E.

"How to combine an optimistic tone with reports of lessening activity in business and engineering employment is a problem," says E. B. Miller, employment secretary, American Association of Engineers. "From a survey made by the employment department of the American Association of Engineers covering all sections of the country there are some bright spots but several sections do not look quite so rosy as they might. On the whole, engineering employment conditions are not such as to warrant excessive pessimism. Engineering employment depends on business and general conditions throughout the country. When business is poor engineering work is scarce and men plentiful. Although summer is generally a good season for engineering employment, since the first of May there has been an unwarranted slump. However, since the first of June engineering employment conditions are starting to go on the upgrade.

"The greatest demand at the present time exists for highway and municipal engineers with some construction in public utility field. A healthy demand exists in the large centers for architects and structural engineers. This is particularly noticeable in the eastern section. Mechanical, chemical and electrical engineers are least in demand."

RECLAMATION BODY TO PROTECT WARRANT HOLDERS

Assurance that the state reclamation board will foster a measure in the next legislature to protect the interests of persons holding reclamation warrants which have outlawed through failure of the holders to renew them within the four-year period prescribed by law, is contained in statements by representatives of the board.

The exact amount of money represented by the outlawed warrants has not been determined, as some of the securities have changed hands a number of times since issuance, but it is estimated that it will aggregate considerably over $100,000, exclusive of accumulated interest.

Until the legislature meets, it was pointed out that nothing could be done with respect to lapsed warrants, for while the board has power of renewal by endorsement, this power is subject to the four-year limitation.

Outstanding obligations of the reclamation board at present total over $10,000,000, including $6,800,000 in the principal warrants against the Sutter-Butte By-Pass Project. Warrants also have been issued against other districts and in some cases interest charges have been running since November, 1915, when the first warrants for financing work under the jurisdiction of the board were issued.

An assessment validation suit affecting the Sutter-Basin By-pass Project is now pending before the United States Supreme Court and until this is settled officials of the reclamation board state that nothing can be done toward retiring the warrants, although warrant holders in some cases have been clamoring for money due them for some time.

Some time ago the board issued a statement calling public attention to the fact that it was necessary to renew warrants, and while this met with some response, it is said that it did not enable the board to trace all the outlawed warrants, which temporarily are classed as worthless securities, much the same as a promisory note against which the statutes of limitation have been permitted to run.

HOLDING COMPANY FOR LINCOLN POTTERY FIRM FORMED

Articles of incorporation for the Gladding, McBean Corporation have been filed with the secretary of state's office. The corporation has 60,000 shares of stock, with no par value.

The new incorporation, according to the San Francisco office of Gladding, McBean & Company, pioneer pottery manufacturers, with a plant at Lincoln, Placer County, marks the entrance of new capital into the concern and the organization of a holding company to take over all the capital stock of Gladding,McBean & Company and the Tropical Potteries of Los Angeles.

There is no change in control of the company, it is announced, and no contemplated changes in policy or management.

ENGINEER EXAMINATION

California State Civil Service Commission, Forum Bldg., Sacramento, announces an examination will be held July 12 for the position of Petroleum Engineer, Grade 3, paying from $150 to **$200 a month.** The duties of the position are to inspect oil properties for the purpose of preventing the infiltration of water to oil and gas strata.

An examination will be held on the same date for the position of Petroleum Engineer, Grade 4, paying from $215 to $250 a month.

Time for filing applications closes July 5. Complete particulars may be obtained from commission offices in Sacramento.

Policy of Conservatism Noted in May Construction Activities

Th e policy of conservatism in building now generally prevalent throughout the country, and the desire on the part of builders to restrict new construction to operations of very evident and immediate need, is reflected in the May record of building permits in leading cities of the west. This is shown in the Pacific Coast section of the National Monthly Building Survey of S. W. Straus & Co.

Although, of the 78 cities included in this survey, 31 show gains over April, among them being San Francisco, Seattle and Long Beach, the Pacific Coast, as a whole, shows a reduction of 8% from the April total, a reduction of 17% from the total of last May but a gain of 19% over the figures of May of 1922. The total for the 78 cities for May is $39,706,448.

Seattle, reporting $4,758,170 for May, shows a gain of 154% over last May, 104% over April and 190% over May of 1922 The past month's total is the greatest in the history of Seattle with one exception, that of last June when the total reached $5,230,445. Of the ten Washington cities included in the survey Aberdeen, Bellingham and Tacoma also show gains over April and over last May.

San Francisco, with a May total of $5,478,111, reports a gain of 11% over last May, 8% over April and 25% over May of 1922. The 14 municipalities of the San Francisco Bay metropolitan area report $9,910,321 for May which is a 7% gain over last May, 2% over April and 19% over May of 1922.

Los Angeles issued $8,789,932 in building permits during May, 53% less than the May total of last year, 6% less than for the previous May and 33% less than for April of this year. In the Los Angeles metropolitan area, 13 municipalities report a total of $12,404,812 for May, 46% under the figures of last May, 30% under April of this year, but 5% over May of 1922.

California, as a whole, 56 cities reporting, shows a May total of $29,314,064, which is 27% under the record of these cities for May, 1923, 12% under that of April but 10% over May, 1922. Gains of May over April are reported from 21 of these 56 cities, 24 show gains over last May and 38 show gains over the previous May.

Eliminating the dominant influence of the Los Angeles figures, amounting to 22% of the Pacific Coast total and 29% of the California total, comprised in this survey, an analysis of the May figures gives California, outside of Los Angeles, a slight increase over April, a 2% gain over last May and a 22% gain over May of 1922.

Long Beach reports $2,027,373 for May, a gain of 134% over April, 16% over last May, and 34% over May of 1922.

Portland's May total of $2,535,760, shows a slight gain over April but a 2% reduction from the total for last May and 10% reduction from that of the previous May. The four cities of Oregon included in S. W. Straus & Co. survey show a May total of $3,015,110, which is 2% greater than that of last May, 15% less than the April total and 6% less than that of May, 1922.

Salt Lake City, with a $516,252 for May, shows a 65% reduction from last May, a 3% reduction from the previous May, and an 8% reduction from the April total of this year. Of the four Utah cities included, Logan only shows a gain over April

Tucson, reporting $506,230 for May, shows a slight gain over April but a gain of 555% over last May and 500% over May of 1922. Phoenix reports reductions on all three comparisons.

Following are the official May, 1924 construction figures reported by building department executives, from the various cities comprised in the S. W. Straus & Co. building survey of the Pacific Coast States:

City	May, 1924	May, 1923	April, 1924
ARIZONA			
Phoenix	$102,415	$135,200	$161,897
Tucson	508,230	77,528	508,176
Total	$610,645	$212,728	$670,073
CALIFORNIA			
Alameda	404,782	120,036	447,262
Alhambra	432,160	762,480	506,525
Anaheim	96,650	140,185	92,780
Bakersfield	64,267	66,024	56,472
Berkeley	747,004	816,510	702,535
Beverly Hills	354,340	348,904	425,376
Burbank	78,400	318,590	213,745
Burlingame	154,385	160,320	183,638
Compton	60,274	102,235	107,700
Coronado	14,675	68,375	56,827
Culver City	57,120	287,396	87,000
Emeryville	200,100	185,000	13,580
Eureka	105,000	252,000	4,800
Fresno	127,153	241,583	172,386
Fullerton	28,400	218,866	57,602
Glendale	828,639	588,637	629,754
Huntington Beach	22,395	22,895	9,720
Huntington Park	228,820	168,479	445,660
Long Beach	2,027,373	1,740,817	865,470
Los Angeles	8,789,932	18,926,881	13,224,568
Modesto	21,758	178,085	34,316
Monrovia	136,450	152,050	179,600
Montebello	32,025	74,220	32,025
National City	31,715	22,600	22,805
Oakland	2,241,383	2,373,020	2,457,592
Ontario	53,800	64,320	54,350
Palo Alto	132,802	200,302	117,679
Pasadena	691,220	896,373	1,290,159
Piedmont	121,118	155,985	165,757
Pomona	163,035	367,150	130,300
Redwood City	86,466	37,818	105,231
Redlands	39,671	41,670	70,575
Richmond	67,165	95,735	122,542
Riverside	192,385	138,670	77,325
Sacramento	948,872	703,740	849,290
San Bernardino	320,300	193,238	288,855
San Diego	1,260,208	765,865	1,567,734
East San Diego	138,499	101,962	105,744
San Francisco	5,478,111	4,928,986	5,036,673
San Gabriel	17,625	67,075	37,975
San Jose	249,650	337,360	152,195
San Leandro	61,040	60,310	87,855
San Mateo	150,115	53,875	172,827
San Rafael	41,250	20,800	36,190

Santa Ana	75,436	385,399	113,605
Santa Barbara	305,555	221,595	344,625
Santa Cruz	62,960	61,840	64,557
Santa Monica	688,725	493,470	878,145
South Gate	86,700	69,065	124,050
South San Francisco	24,600	15,300	48,350
Stockton	249,750	342,871	309,950
Torrance	48,800	251,175	58,125
Vallejo	13,714	3,905	6,749
Ventura	36,035	91,550	103,925
Vernon	153,532	92,300	38,522
Whittier	68,725	340,006	68,520
Total	$29,314,064	$39,996,498	$33,658,177
IDAHO			
Boise	47,009	164,000	34,328
Twin Falls	22,350	6,950	1,900
Total	$69,359	$170,950	$36,228
NEVADA			
Reno	28,700	87,996	25,850
OREGON			
Astoria	87,100	128,095	262,210
Eugene	230,650	124,300	427,225
Portland	2,535,760	2,594,620	2,519,275
Salem	161,600	86,550	365,300
Total	$3,015,110	$2,933,565	$3,574,010
UTAH			
Logan	30,000	30,000	15,200
Ogden	144,750	227,000	372,500
Provo	26,400	54,000	55,750
Salt Lake City	516,525	1,516,295	566,355
Total	$717,675	$1,857,295	$1,009,805
WASHINGTON			
Aberdeen	62,198	49,098	57,843
Bellingham	127,334	60,265	114,179
Everett	56,150	123,195	176,762
Hoquiam	42,193	32,250	46,030
Seattle	4,758,170	1,867,280	2,329,105
Spokane	372,670	277,155	688,396
Tacoma	589,010	328,101	547,225
Vancouver	10,045	133,716	69,993
Walla Walla	12,693	47,520	27,955
Yakima	47,585	85,730	76,712
Total	$6,078,048	$3,003,310	$4,134,903

SURVEYS STARTED FOR NEVADA IRRIGATION PROJECT

A survey of the lands and watersheds of the Nevada Irrigation District in Nevada County, Calif., has been started by representatives of three governmental bodies in connection with the application for bond issue authority.

Those participating in the survey are Paul Bailey of the state department of engineering and irrigation; Edward Hyatt, Jr., acting chief of the state divison of water rights; and E. E. Kramer, engineer for the federal power commission.

The watersheds and water rights of the district in the Bowman Lake and Jackson Meadows rgion will first be inspected. Several days will be required for the entire survey.

In a statement issued by Manager A. L. Wisker of the district, preliminary to a pamphlet giving full data and estimates soon to be issued, the following estimates are given::

The cost of acquiring properties and building works will be $6,063,400; the annual charges will be $372,500 for the first seven years and $447,500 thereafter for twenty-eight years; the average earnings will be $487,500, leaving a surplus after the seven-year period, during which there are to be no retirement deductions, $39,985.

The income, it is stated, will come from the following sources: Proceeds of power contract with Pacific Gas & Electric Company, $401,985; sale of water to mines and municipalities, $50,500; sale of water for irrigation of 5000 acres of land at $7 per acre, $35,000.

According to the district officials, all estimates are highly conservative and bonds not to exceed $5,000,000 will provide for all costs until after the district is functioning on an income basis.

CONNECTICUT ROADS

The State of Connecticut spent $46,000,000 building new highways in the last 28 years—the bulk of it in the last five years—and now has 1114 miles of real roads, according to John A. MacDonald, state highway commissioner. More than $5,000,000 was spent in the last year, with overhead expenses less than a quarter million.

CLOSING CRACKS IN STUCCO

If a crack in stucco appears at some unexpected portion of the wall where surface appearance is no object, it may be thoroughly moistened and then filled with a 1:1 mixture of cement and sand or stone screenings. This mixture should contain only small articles and should be of the consistency of putty, so that it may be forced into small cracks with a trowel.

If the cracks to be repaired are in exposed surfaces where it is desired to conceal the repairs as much as possible, it may be preferable, after moistening the crack, to apply dry cement with a dry powder spray, then gently spraying on water.

Where stucco wall has been blemished by cracks and made more unsightly by repairs, it may be found desirable to refinish the surface. After drenching the surface with water, a mixture of cement and water of the consistency of rich cream may be stippled on. This work may be done best in damp and cloudy weather. Each straight wall surface or wall panel must be done at one continuous operations, else surface may show where the work was discontinued, if even for an hour or two.

RICHMOND'S PAVED STREETS

Richmond, Contra Costa Co., California, is the best paved city of its size in the country, in the opinion of City Engineer H. D. Chapman and his assistant, Edward Hoffman. A survey has just been completed by the engineer's office which shows there are virtually 103 miles of the city's 194 miles of streets paved with durable pavement.

This survey shows that on March 1, there was 99.07 miles of paved street; since that time there has been completed or started approximately three miles of paving. The city council last Monday night authorized the paving of 1.75 miles on Gravin, Solano and Clinton avenues and McLaughlin and Lassen streets. Also there will be paved, before the year closes, 1.25 miles on Macdonald avenue, now delayed pending the laying of the water mains.

The survey also sets forth that there is also 119.6 miles of sewerage within the city's 26 square miles. This does not include the branches to the houses.

PIONEER RUBBER MILLS HOLDS ANNUAL CONVENTION

The Pioneer Rubber Mills held its annual sales convention in San Francisco June 10 to 13, inclusive. The meeting opened with a luncheon at the Commercial Club, at which D. D. Tripp, vice-president, in charge of sales, presided. G. S. Towne, president of the company, opened the meeting. W. L. Reed, secretary-treasurer, was also present.

The Pioneer Rubber Mills is one of the largest manufacturers of garden hose in the United States, selling the bulk of garden hose that is used on the Pacific Coast and a large volume to the Eastern markets and to Europe, South America, Australasia and the foreign countries bordering on the Pacific.

Some idea of the volume of business the Pioneer Rubber Mills is bringing into San Francisco is indicated by three large orders recently secured for hose and belting, which probably surpass in size any orders placed in this country—an order from the city of Los Angeles for 55,000 feet of double-jacket fire hose, which is the largest single order ever placed for fire hose by a municipality in this country; the entire installation of conveyor belting, amounting to over two and one-quarter miles of conveyor belt, for the new plant of the Long-Bell Lumber Company at Longview, Washington, and the entire installation of transmission and conveyor belting at the Columbia Steel Company's new plant at Ironton, Utah.

The annual sales volume of the Pioneer Rubber Mills is in excess of $2,500,000, 40 per cent of which is in the Pacific Coast States and 60 per cent in the eastern and foreign markets. The factories, located at Pittsburg, California, cover twelve acres and employ on an average of 400 skilled workers. Some of the principal products manufactured are garden hose, oil hose, steam, suction, water, pneumatic and air drill hose, oil well drilling belt, rubber-covered conveyor belts for rock crushing plants, cement plants and other industrial plants; white, rubber-covered conveyor belts for fruit and vegetable canneries, rubber transmission belts, sheet packing and piston rod packing.

LOS ANGELES "OVERBUILT" IS CLAIM OF LABOR HEAD

Conditions among the building trades unions of central California are better than they have been at any time within the past two years, Frank C. MacDonald, president of the State Building Trades Council, stated upon his return to San Francisco from a tour of the principal valley towns.

While the prevailing drouth and other factors affecting business adversely have also resulted somewhat in a restriction of building operations, the effect has not been serious, MacDonald said.

The only place in the state, according to MacDonald, where there is any considerable unemployment among the building trades men is in Los Angeles, where the building slump has thrown many out of work.

In speaking of the industrial situation there, MacDonald said:

"Los Angeles has 'overbuilt' during the last year or two, and the building slump was an inevitable reaction. Furthermore, Los Angeles has not established industries sufficient in size and number to maintain the big payrolls which are the lifeblood of a community. She did not have the basis of a sufficiently large and well paid industrial population to maintain her boom at its peak."

STANDARDS BUREAU CONDUCTS THEATRE CURTAIN TEST

One of the most interesting tests recently conducted by the U. S. Bureau of Standards was that of a theatre fire curtain. In this test the curtain formed one side of a furnace fired by fuel oil burners.

The test just completed is the last of a series in which the types of curtains now in use were included and in the course of which some new types and improvements were developed. The first curtains tested were of the rigid steel type having a sheet metal face on the auditorium side and an asbestos board covering on the stage side with structural steel framing between them, the total thickness being about 7 in. This type of curtain held back fire, smoke and glow for a period of over half an hour, which gives more than ample time for the audience to leave the theatre, the exit facilities of which are usually arranged to empty the house in 5 minutes or less. Tests were then made of the ordinary single asbestos cloth curtains. These were found rather inadequate as fire stops, the cloth losing strength readily when exposed to fire, while the single thickness permitted smoke and glow to show on the auditorium side. An asbestos cloth was then developed having fine monel, nickel or chromium-nickel alloy wires woven into the asbestos, which retained its strength much better than the plain or brass wire reinforced cloth, but as tested in single thickness considerable smoke and glow still showed on the unexposed side. Tests were then made on curtains of two plies of cloth, the one just tested having the front and back asbestos cloth facing separated by a metal framework which connects with guides, trolleys and track at the side in such a way as to maintain the curtain in place and enable it to operate under considerable pressure as from wind or drafts produced by a fire. Improved details were also provided to prevent smoke from passing around the edges of the curtain.

The results of the test of this curtain can be regarded as fairly satisfactory, states a Technical News Bulletin of the Bureau. Very little smoke and almost no glow showed on the unexposed side during the test, which lasted for 15 minutes. At the end of this time a temperatoure of 1700° F. was attained in the furnace, which corresponds to a very bright red heat.

62 MILLION FEET OF LUMBER SHIPPED FROM COLUMBIA

According to the reports issued by the deupty collector of customs, at Astoria, Ore., the total shipments from the Columbia River in May amount to a little more than 62,000,000 feet. During this month 72 vessels cleared from the river with lumber for foreign and domestic ports. Of this 62,000,000 feet 16,000,000 were destined to foreign ports, 31,000000 feet to California and 15,000,000 to Atlantic coast ports. These figures do no include clearances from Portland on the last day of May.

Lumber exports from Portland in May, according to the figures of the traffic department of the port of Portland, amounted to 17,436,205 feet, with a value of $474,117. This is the first time this year that lumber exports have been less than for the same month in 1923. This, however, is accounted for by the small shipments of lumber destined to Japan, which amounted to only 2,781,548 feet for May this year, compared with 14,000,000 feet for the same month in 1923. Domestic shipments of lumber in May amounted to 20,214,788 feet, of which 9,922,040 feet are to be delivered in New York City.

Quality in Construction Aim of Architects and Contractors

Architects and builders of Portland, Ore., have formed an organization known as the Northwest Associated Contractors and Architects, which has for its general purpose the establishment of an uniform standard of quality in construction, elimination of disastrous competition, a reduction in the volume of "ram-shack" construction and devising a more economical method of home financing.

The association, working through a committee organization of contractors and architects, plans to prepare and submit to the coming legislature in Oregon a license bill somewhat similar to the one enacted in Oregon recently by the real estate men for the protection of their business. According to O. H. Skotheim, an attorney of Portland, who initiated the present organization among the builders, the bill will embrace the following points: Qualification of contractors; classification of construction; question of bonds and individual responsibility; question of ethics in their mutual relationship, and classification of cities where law is applicable.

It is expected that through this legislation a better ethical standard will be established and the public will be able to purchase a certified home, thereby receiving definite results from investment in construction. It is also expected to eliminate poor construction nd irresponsible builders, and establish better credit conditions.

The salient features to which the supporters of the movement have subscribed are as follows: To arrange a system of handling inquiries, available to all members; to advertise collectively,educationally and more economically; to arrange for the handling of joint contracts among smaller operators; to have facilities for a quantity purchase bureau; to build a quality membership of men specializing in various line; to harmonize, equalize and co-ordinate relations between architects, contractors and sub-contractors; to have a central legal service bureau, attending to lien matters, contracts, forms, notices and local legal matters.

The service department will be made an adjunct of an Architects' and Contractors' General Finance Company. The purpose of this company, according to Mr. Skotheim, is to assist the builder and indirectly the home buyer to secure a more "legitimate finance service than that available in Portland at the present time. Second mortgages, contracts and small first mortgages at present are discounted at upwards to 30 per cent."

"We do not intend to take issues on questions of unionism or limit freedom of individual action or fair competition," said Mr. Skotheim. "We will not discriminate against other groups or non-members, enter politics or engage in class-agitation, but we do intend to make it eaier for our membership to secure help and co-operation. We will help the worthy craftsman or contractor to make a decent profit and to reduce the practices of cut-throat competition, and strive to maintain a continuous building activity on levels of prosperity instead of building booms, with reaction, unemployment and disintegration of the construction business."

At a recent meeting of the new association funds were raised for an advertising campaign and seven contractors were selectea as a purchasing committee, to ascertain the opportunity for quantity purchases for the benefit of the membership. A general finance committee was also appointed. It is proposed to have an ethics committee created for the purpose of looking into various complaints in the construction field.

"I firmly expect," said Mr. Skotheim, "that this organization will be instrumental in forming the foundations for a federation of construction men throughout the Northwest and will indicate a basis of proper co-operation within the construction interests to the end that both the public and the crafts themselves will be materially benefitted by the advancement of higher standards and more satisfactory building performance."

J. E. Abrahamson, contractor, is chairman of the board of managers, and R. D. Crowe is chairman of the membership committee.

FINANCING S. F. INDUSTRIES NOW GREATER THAN EVER

Financing of industries in San Francisco, both new and old, is greater now than ever in the past, both with respect to the quantity and quality of the issues, according to State Corporation Commissioner Edwin M. Dougherty, who has just returned from a State-wide trip.

"The class of financing that has been going on in San Francisco and in the east bay region has improved very substantially and the situation is better than in Los Angeles by a wide margin. It is also gratifying to note that the great increase in financing here has served to improve the quality rather than to detract from it," he said.

"When business reached its peak of prosperity in December, 1922, we issued 422 permits in that month. Since that time there has been a steady increase until the number of permits reached 512 in April. There has been much talk of depression and poor business in a Presidential year, but rrom my Statewide observations there has been no slump in conditions at any time and business is running today at a high ebb."

Of all industries in the State today seeking permits for financing, there are but two classes that give the department any trouble and those are the mortgage and finance corporations and the oil companies, he added.

HUGE WAREHOUSE PLANNED BY ROEHLING & SONS

Construction of a $250,000 distributing warehouse in San Francisco will be started shortly by the John A. Roebling & Sons Company in the south of Market section. The company has purchased a site with frontages of 200 feet on Sixteenth and Seventeenth streets and 400 feet on De Haro and Carolina streets and will dispose of its present five-story steel and concrete building which now house the present quarters at 646 Folsom street. The new structure, plans for which are being prepared by the company's engineers, will be one-story in height of steel and concrete construction and will cost $250,000. The company, with main offices in Trenton, N. J., is the largest manufacturer of wire rope in the world.

MINTON LUMBER CO. PURCHASES POTTERY PLANT

Property of the Homer Knowles Pottery Company in Santa Clara, at a commissioner's sale was sold to the Minton Lumber Company for $4,557.49, the amount of a lien held against the property by the purchasers. The Minton company furnished most of the material used in constructing the buildings at the plant. Frank J. Waterhouse acted as special commissioner for the sale.

Building News Section

APARTMENTS

Plans Complete.
APT. BLDGS. Cost, $24,000
Two 2-story and basement frame apt. bldgs. (4 apts. in each bldg.)
Owner—Victor Bjors, 2668 Bryant St., San Francisco.

Contract Awarded.
APARTMENTS Cost, $24,900
SAN FRANCISCO, NW Cor. Fulton and Pierce Streets.
Three-story frame apartments (12 3-room and 4-room apts.)
Owner—A. F. McCormack.
Architect—E. E. Young, 2002 California St., San Francisco.
Contractor — Fred Warden, 1515 11th Ave., San Francisco.

Contract Awarded.
APT. BLDGS Cost, $40,000
OAKLAND, S Wayne Ave. 430 480 E Hanover Ave.
Two 2-story 16-room apartment bldgs. with garage.
Owner—A. A. Mehaffey, 1636 Franklin St., Oakland.
Contractor—California Builders, 1626 Franklin St., Oakland.

Completing Plans.
APARTMENTS Cost, $40,000
PORTLAND, Ore., Alta St., bet. Jersey and Ivanhoe Sts.
Two-story and basement concrete apts (16 apartments)
Owner—F. E. Everhart.
Architect—Smith & Griffith, Gerlinger Bldg., Portland.

Completing Plans.
APARTMENTS Cost, $30,000
PORTLAND, Ore., Russell Street near Borthwick.
Two-story and basement concrete apts (5 apts and 2 stores)
Owner—H. A. Heppner.
Architect—Smith & Griffiths, Gerlinger Bldg., Portland.

Plans Being Figured.
APT. BLDG . Cost, $38,000
SAN FRANCISCO, N Green 150 W Fillmore.
Three-story and basement frame (6) apartment building.
Owner—Lyman J. Potter 782 Minnesota St., San Francisco.
Architect—E. H. Denke, 1317 Hyde St., San Francisco.

Plans Being Completed.
APARTMENTS Cost, $50,000
BERKELEY, Alameda Co., Cal. University Ave., bet. Shattuck Ave. and Grove St.
Two-story frame and stucco apartment house.
Owner—Leslie R. Wilson, 2216 Blake St., Berkeley.
Architect — Hutchison and Mills, 1214 Webster St., Oakland.

Contract Awarded.
APARTMENTS Cost, $65,000
PORTLAND, Ore., 54 N 21st St.
Two-story and basement frame apartments (18 3 & 4-room apts)
Owner—Fred D. Weber, 414 Lumbermen's Bldg., Portland.
Architect—Geo. M. Post, Railway Ex. Bldg., Portland.
Contractor—L. H. Hoffman, 707 Gasco Bldg., Portland.

Figures To Be Taken Shortly.
APARTMENTS Cost, $125,000
PORTLAND, Ore., NW 22nd & Glesan Streets.
Three-story and basement brick apts. 70x100 (21 3-room apts.)
Owner—Oscar Hendrickson, 640 Hawthorne Ave., Portland.
Architect—Claussen & Claussen, Macleay Bldg., Portland.

Plans Complete.
APARTMENTS Cost, $75,000
PORTLAND, Ore., 465 Clay St.
Three-story and basement brick apts. 40x30 (8 3 & 4-room apts.)
Owner—Withheld.
Architect—Herbert Gordon, 607 Railway Ex. Bldg., Portland.

Plans Complete.
APT. BLDG. Cost, $10,000
SAN FRANCISCO, N Anza St. west 10th Avenue.
Two-story and basement frame apt. (4) bldg.
Owner—I. Eapp, 4747 Geary St., S. F.
Architect—Baumann & Jose, 251 Kearny St., San Francisco.

Plans Being Figured.
APT. BLDG. Cost, $30,000
SAN FRANCISCO, N Calif. 117 W of Hyde.
Three-room frame apt. bldg. (12 2 and 3-room apts.)
Owner—Misses Fazio and Molinari.
Architect—August Headman, Call Bldg San Francisco.

LOS ANGELES, Cal.—Sarver & Zoss, N Plymouth Blvd., has the contract to erect a store and apartment bldg. at n.w. cor. Figueroa and Temple Sts., for Ben Mindlin, 949 St. Andrews Pl; it will contain stores on first fl. and 44 rms. divided into 22 apartments. Brick walls 3-story and basement, 44x109 ft., press. brick facing, plate glass, steel beams, comp. and tile rfg., pine trim, gas rads, wall beds, tile baths and drainbds. F. C. Fritz, 720 Detwiler Bldg., archt.

LOS ANGELES, Cal.—Archt. Saul H. Brown, 528 Union League Bldg., is completing plans for a 4-story, class C apt. bldg. to be erected at 12th St. and Grandview Ave., for a local client. There will be 185 single apts., large lobby, brick constr., struc. steel, comp. rfg., tile baths, hardwd fls., pine trim, wall beds, refrigerators, elevator, fire escapes; $150,000.

Material of Merit

DOORS

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LOS ANGELES, Cal.—Archt. E. B. Rust, 523 Black Bldg., has prepared plans for a 4-story class C apartment house to be erected on Mariposa Ave., between 7th and 8th Sts. for Barnett Shapiro, 410 Spring St., Arcade Bldg. It will contain 86 rooms, 39 apartments dimensions 58x122 ft., brick walls, press. brick facing, marble and tile work, fire escapes, comp. rfg., pine and hardwood trim, wall beds, tiled baths, elevator, steam heat; $86,000.

GLENDALE, L. A. Co., Cal.—H. D. Charlton, 111 E Broadway, Glendale, is preparing plans for 2-story brick store and apt. bldg. for cor. Central Ave. and Myrtle; J. B. Doner, 319 Central Ave., Glendale, expects to start constr. about Sept. 1 after his return from an eastern trip; 62x100 ft., press. brick fronts, comp. rf., struc. steel, plate glass, toilets and lavs. in the 5 stores, 10 apt. suites of 2 and 3 rms., 10 baths, hardwood fls. in apts., door beds, gas rads; $45,000.

LOS ANGELES, Cal.—Burdett and Murdock, 413 Western Mutual Life Bldg., have completed plans and have the contract to erect a 3-story apartment bldg. at 247 S Alexandria Ave., for Albert Babbaty; it will contain 15 single and 3 double apts. Frame and plaster constr., comp. rfg., pine fls., tile baths and drainbds., gas rads., pine trim, wall beds, aut. water htrs; cost $48,000.

BONDS

UKIAH, Mendocino Co., Cal.—Signal School District will vote bonds of $5500 on July 12 to finance school improvements. Trustees of district are F. Guisti, P. E. Tovani and Chas. Hageman.

BAKERSFIELD, Kern Co., Cal.—Election will be held July 10 in Old River School District to vote bonds of $16,000 to finance school improvements. Trustees of district are: R. L. McCutcheon, C. A. Paul and Mrs. B. H. Priest.

BAKERSFIELD, Kern Co., Cal.—Election will be held July 8 in Mountain View School District to vote bonds of $7,000 to finance school improvements. Trustees of district are: C. H. Green, Lewis J. Young and W. A. Smart.

McFARLANND, Kern Co., Cal.—Election will be held shortly in McFarland School District to vote $15,000 additional bonds to finance construction of new school, as originally planned. A structure containing 6 classrooms and auditorium is contemplated; total est. cost, $67,500.

SAN JOSE, Santa Clara Co., Cal. — Bids will be rec. until July 14, 1924, 11 a. m., by Henry A. Pfister, Clerk of Santa Clara Co., for the purchase of bonds to the amount of $25,000, for the Palo Alto Union High School District.

CHURCHES

Plans Complete.
MAUSOLEUM Cost, $—
PETALUMA, Sonoma Co., Cal., Cypress Hill Cemetery.
Marble and stone mausoleum.
Owner — T. L. DeCew, 440 17th St., Oakland.
Architect—Not stated.
NOTE—The cemetery was recently purchased by T. L. DeCew who plans early construction of the mausoleum.

Contract Awarded.
CHURCH Approx. $50,000
BURLINGAME, San Mateo Co., Cal.
Two-story and basement frame and stucco or hollow tile church.
Owner—First M. E. Church.
Architect—Paul V. Tuttle, 357 12th St., Oakland.
Contractor—Leadley & Wiseman, 207 2nd St., San Mateo.

PORTLAND, Ore.—Archts. Smith and Griffiths, Gerlinger Bldg., take bids shortly to erect Catholic church and school at E-54th St., and The Alameda; est. cost $125,000. Church, 1-story, 50 by 130 ft. School, irregular shape, 33x 77 and 33x60 ft., 2-story and basement. Concrete and stucco construction.

LOS ANGELES, Cal.—Macdonald & Kahn, Spring Arcade Bldg., have the contract to erect a new synagogue on Manhattan Pl. bet. 6th St. and Wilshire Blvd. for Temple Eman-U-El congregation. Russell & Alpaugh, 1106 Story Bldg., archts. It will be 1-story and basement, 100x125 ft., brick constr, press. brick, clay tile rfg., art glass, pine trim, heating and ventilating, tile work; $150,000.

TAFT, Kern Co., Cal.—Archt. Robert H. Orr, 1305 Corporation Bldg., is preparing plans for a church bldg., to be erected at Taft, for the First Baptist Church. It will have an auditorium and Sunday school classrms and will be of masonry constr., tile rfg., plaster exterior, cement and pine fls., etc.

SANTA MONICA, L. A. Co., Cal. — Archts. Allison & Allison, 1405 Hibernian Bldg., have prepared plans for a new parish house to be erected at Santa Monica for the Church of St. Augustine-By-The-Sea. It will be 2-story, brick construction and will cost $45,000 A campaign to raise funds for building purposes is under way.

PASADENA, L. A. Co., Cal.—Archts. Leon C. Brockway, 400 Security Bldg., Pasadena, and H. M. Patterson, 325 O. T. Johnson Bldg., L. A., assoc., have been commissioned to prepare plans for a $400,000 church bldg. to be erected at Los Robles Ave. and Walnut St., Pasadena, for the First Congregational Church, Fred M. Wilcox, chairman of the bldg. committee. Construction will be deferred until the sale of the present church holdings.

TUCSON, Ariz.—Archt. Robert H. Orr 1305 Corporation Bldg., is preparing plans for a new church bldg. to be erected at Tucson, Ariz., for the First Baptist Church of Tucson; it will have an auditorium and balcony to seat about 1000 people, basement, classrms, and social center. Brick walls, 100x130 ft., comp. rfg., art. stone trim, cement, pine and hardwood fls., oil burning steam htg. sys., art and stained glass, pipe organ, pine and hardwd. trim, etc. $100,000.

FACTORIES & WAREHOUSES

Contract Awarded.
ROUNDHOUSE Cost approx. $68,000
STOCKTON, 2001 South Sacramento.
Roundhouse.
Owner—Western Pacific Ry., Poplar & Sacramento, Stockton.
Contractor—W. A. Bechtel, 625 Market St., San Francisco.

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FIRE DOOR EXPERTS
Kalamein, Copper and Bronze Doors and Trim
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Sheet Metal Work of Every Description
CHAS. SCHULTHEIS, Mgr.
3117-3119 TWENTIETH STREET near Harrison St.
SAN FRANCISCO, CALIF.

Contract Awarded.
MACHINE SHOP Cost, approx. $39,000
STOCKTON, 2001 South Sacramento.
Machine shop.
Owner—Western Pacific Ry., Poplar & Sacramento, Stockton.
Contractor—W. A. Bechtel, 625 Market St., San Francisco.

Contract Awarded.
WAREHOUSE Cost, $10,000
SAN FRANCISCO. S Bryant 235 W Fifth St.
One-story and mezzanine floor warehouse.
Owner—Walter H. Sullivan, Alexander Bldg., San Francisco.
Engineer & Contractor—J. H. Hjul, 128 Russ St., San Francisco.

Plans Being Figured.
CREAMERY Cost, $60,000
SANTA MARIA VALLEY. Guadalupe near Santa Maria.
One-story concrete creamery plant.
Owner — Golden State Milk Products Co., 425 Battery St., S. F.

Sub Contract Awarded.
FACTORY Cost, $250,000
SAN FRANCISCO, S 16th St. bet. Alabama and Florida.
Three-story class B factory.
Owner—Lyons Calif. Glace Fruit Co., 535 Folsom St., San Francisco.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Contractor — Geo. Wagner, 181 South Park St., San Francisco.
Sprinkler system awarded to Automatic Sprinkler Corporation, 519 Calif. St., San Francisco.

Contract Awarded.
WAREHOUSE Cost, $26,000
SAN FRANCISCO, S Beach St. 68 East Larkin.
Reconstruction of warehouse bldg. additional 2 mezzanine floors.
Owner—Paul Arata, care contractor.
Contractor — M. V. Brady, 748 Monadnock Bldg., San Francisco.

LOS ANGELES, Cal.—P. J. Walker Co., Merchants National Bank Bldg., has the contract on a percentage basis to erect a class A service bldg. and warehouse on Tenth St. at Stanford Ave., for Bullock's Department Store. John Karkinson and Donald B. Parkinson, 420 Title Insurance Bldg., architects. Excavating contract has been awarded to C. A. Edwards. The bldg. will be 200x278 ft., 2-story and basement, designed to carry four additional stories, reinf. conc. constr., steel sash, metal skylights, steel rolling doors, elevators, sprinkler system.

LOS ANGELES, Cal.—C. A. Fellows, Central Bldg., has been awarded a contract for all work complete for erecting a class A warehouse at 6th and Mill Sts., for the Western Improvement Co. It has been leased to California Truck Co. It will be 6-story and basement, 110x375 ft., reinf. conc. constr., steel sash, steel rolling doors, metal sklylights, elevators; $600,000. Plans were prepared by Santa Fe Railway engineering dept; Oliver G. Bowen, Van Nuys Bldg., consulting engineer.

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LOS ANGELES, Cal.—The Potter Radiator Corporation of Delaware has been organized and will erect a group of factory bldgs. in Los Angeles. Several sites are under consideration. The company is capitalized at $800,000 and will manufacture gas radiators. The buildings will include the main factory bldg., foundry and office and administration bldg.

LOS ANGELES, Los Angeles Co, Cal. —J. A. Kemp, 803 E. 28th St., has the contract for a two-story Class C factory to be erected at the corner of 12th and Crocker Sts., for the Twelfth & Crocker Realty Co. C. C. Rittenhouse, 534 Wilcox Bldg., architect. Dimensions, 40x140 ft., brick walls, tapestry face brick front, structural steel, composition roofing, cement floors, steel sash, metal skylights.

Plans Being Completed.
BUILDINGS Cost, $90,000
LAKE ORINDA, Contra Costa Co.
Group of buildings consisting of store warehouse, swimming tank and golf and country club house.
Owner—
Architect—W. H. Crim Jr., & Hamilton Murdock, 425 Kearny St., S. F.

FRESNO, Fresno Co., Cal.—Bekins Van and Storage Co., Milo W. Bekins, president and general manager, 13th & Mission sts, San Francisco, has had plans prepared for a seven-story, 60 by 100 ft. reinforced concrete storage building to be erected at Monterey and Van Ness Avenue. Est. cost $150,000. Will have brick and terra cotta exterior. Construction will be started as soon as permit is granted by City Commissioners to Southern Pacific Company to run a spur track into the property.

SAN FRANCISCO—See "Government Work and Supplies," this issue. Bids wanted July 23 by Bureau of Yards and Docks to erect Marine Corps storehouse.

ASTORIA, Oregon. — The Standard Oil Co. has been granted permission by the City Commission to establish ship fueling and oil distributing station at the Port of Astoria. It is planned to erect warehouses, storage tanks, pipe lines and conduits for the handling of petroleum and its products.

FLATS

Contract Awarded.
FLAT BLDG. Cost, $20,000
SAN FRANCISCO. Fourteenth Ave., Richmond District.
Two-story frame flat building.
Owner—A. Elberg.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.
Contractor—P. S. Carlsen, 1456 Willard St., San Francisco.

Plans Being Prepared.
STORE BLDG. Cost, $10,000
SAN FRANCISCO, E Mission S Excelsior Ave.
Two-story frame flat and store bldg.
Owner—F. Costello.
Architect—W. C. Falch, Hearst Bldg., San Francisco.

JOOST BROTHERS
Builders' Hardware Tools, Etc.
(Members Builders' Exchange)
1053 MARKET ST.
Phone Market 891 San Francisco

Plans Being Figured.
FLATS Cost, $15,000
SAN FRANCISCO, Pine St. west of Broderick.
Two-story frame and plaster flat Bldg. (2 flats).
Owner—Herman Allari, 2814 Bush St., San Francisco.
Architect—Dodge A. Reidy, Pac. Bldg., San Francisco.

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, E 8th Ave. 100 S Judah.
Two-story and basement frame flat bldg. (4 flats).
Owner—John Johnson, 1601 9th Ave., San Francisco.
Contractor—Dahlberg & Peterson, 1560 10th Ave., San Francisco.

Contract Awarded.
FLATS Cost, $10,000
SAN FRANCISCO, S Bay 100 W Octavia
Two-story and basement frame flat bldg. (2 flats).
Owner—Catherine O'Connor 6140 Geary St., San Francisco.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco.

Contract Awarded.
FLATS Cost, $15,000
SAN FRANCISCO, Pine St. west of Broderick.
Two-story frame and plaster flat bldg. (2 flats).
Owner—Herman Allari, 2814 Bush St., San Francisco.
Architect—Dodge A. Reidy, Pac. Bldg., San Francisco.
Contractor—Meyer Bros.

GARAGES

Contract Awarded.
GARAGE Cost, $10,950
ALAMEDA COUNTY. Lot 30 and Ptn Lot 29, Map Lincoln Homestead Union.
One-story concrete garage.
Owner—Elsie W. Rand, 3 Greenback St., Berkeley.
Architect—Howard Schroeder, 357 12th St., Oakland.
Contractor—M. E. Hopper & Sons, 1117 Webster St., Oakland.

LOS ANGELES, Cal.—S. N. Benjamin 2429 Vineyard Ave., has the contract to erect a 1-story and part 2-story brick store and garage bldg. on Figueroa St. near 32nd St. for Bertha Browne. Dimensions, 141x205 ft., 8 stores, garage; brick walls, press brick facing, plate glass, steel beams, comp. rfg., metal skylights, cem. flrs.; $75,000.

GOVERNMENT WORK AND SUPPLIES

SAN FRANCISCO—Bids will be rec. until July 2, 1924 by the U. S. Engineer's Office, 85 2nd St., San Francisco for 20 lbs. Hydraulic Packing ⅝ inc. sq. ring style; 15 ft. fuel oil discharge hose, 3 inc. coupled both end, male and female for pipe thread; 4 cup leathers, 5 inc. for F. E. Mayers Giant double acting plunger pump 100 ft., National Fire Underwriters firehouse, 2½ inc. 50 ft. lengths with couplings. For furnishing and delivering to the U. S. Engineers, Rio Vista, Cal.

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3212 Baker St., Berkeley, Calif.

SAN FRANCISCO—Until July 3, 1924, 11 a. m., bids will be rec. by the U. S. Engineer Office, 85 2nd St., San Francisco, for blasting powder approx. 12,000 lbs., 800 linear ft., triple tape water fuse, 3000 elec. exploders No. 8, 8 ft. lead wires Further information may be obtained from above office.

SAN FRANCISCO, Cal.—The following bids were received by Wm. Arthur Newman, Superintendent, U. S. Postoffice Bldg., 7th and Mission Sts., to fur. and install new drapes for U. S. Circuit Court of Appeals, Postoffice Bldg., San Francisco.

Beach Robinson Co., 239 Geary St., San Francisco	$ 935.65
W. & J. Sloane	1259.65
W. D. McCann	1275.00
Herman Runts	1371.00
O'Connor-Moffatt & Co.	1444.00

WASHINGTON, D. C.—Until July 9, 1924, 10:30 A. M. bids will be rec by the Office of the General Purchasing Officer of the Panama Canal, Washington, D. C., to furnish the following—under Circular No. 1616: Wire rope, wrecking cranes, pump, machine (band saw filing, setting, and jointing), dish-cleaning machines, refrigerators, asphalt-prepared roofing, steel tires, sash chain, screws, nuts, pneumatic and solid-rubber tires, tubes, silica sand, canvas and horsehide gloves, lanterns, sledge handles, locks, hinges, water buckets, truck casters, brushes, steel tapes, postoffice seals, twine, colored pencils, and unsensitized blue-print paper.

Further information and proposal blanks may be obtained from the above office or Fort Mason, S. F.

SAN FRANCISCO—Thomas Day Co., 725 Mission St., San Francisco, at $957.60 submits low bid to Supervising Architect W. A. Newman, 402 Post Office Building, to furnish and install lighting fixtures in U. S. Custom House, San Francisco. Other bids were D. D. Dierssen, $1170; Brass & Bronze Lighting Fixture Co., $1468; Spencer Elec. Co., $1480. The bid of Thomas Day Co. was recommended for acceptance.

SAN FRANCISCO—Until July 21, 11 a. m., bids will be rec. by U. S. Engineer Office, 2nd District, 85 2nd St., for a light-draft wooden hull snagboat. Further information on request to above.

SAN FRANCISCO—Until July 23, bids will be rec. by Bureau of Yards and Docks, Navy Department, Washington, D. C., under Specification No. 5000 to erect storehouse for Marine Corps Depot at San Francisco. Will be three-story structure with concrete foundations; steel frame; concrete floors; wood roof sheathing; built-up roofing; brick curtain walls; concrete, terra cotta and cement mortar partitions; stucco and plaster work; slate wainscots and partitions; wood doors; metal covered doors; steel sash; rolling lift doors; steer stairs; freight elevators; sprinkler system with wood tanks; gasoline tank and pump, and complete plumbing; electric light and power and heating systems. Alternative proposals will be considered under reinforced concrete frame. **See noticee under official proposal section in this issue.**

FORT MASON, San Francisco—The following bids were received by the Constructing Quartermaster to construct pump house and install pump at the Presidio. Contract was recommended to be awarded to the lowest bidders.

Pump House	
Kohlwes and Stayton	$ 997.50
M. Bertolino, S. F.	1185.00
H. G. Thiele, S. F.	1244.00
Boxton and Zweig, S. F.	1990.00
Pump	
A. Beale & Co.	$1190.00
H. G. Thiele, S. F.	1393.00
Acme Boiler & Mchy Co., Oakland	1750.00

WASHINGTON, D. C.—W. E. Kier, of San Diego was awarded the contract at $541,000 by the Bureau of Yards and Docks, Navy Department, Washington, D. C. under Specification No. 4933, to erect barracks and storehouse at San Diego.

SAN FRANCISCO, Cal.—Until July 1, 1924, 11 A. M., bids will be rec. by U. S. Engineer's Office, 85 2nd St., San Francisco, under Order No. 5399/590-579, to fur. and del. to U. S. Engineers at Rio Vista, Cal., 9 ice cans, No. 14 guage sh. iron, and galv.; 1 oil tank of No. 12 galv. iron, fitted with marine flange deck plates; 2 bronze castings; 5 pinions of forged steel; 4 gears for winding engine made of cast steel; 1 steel plate 5 ft. x23 inc. x ⅜ inc. with 2-¾ inc. flange on one side full length 5 ft.; 1 mushroom anchor, 1500 lbs.

WASHINGTON, D. C.—See "Hospitals," this issue. Award of contract to W. E. Kier.

SAN DIEGO, San Diego Co., Cal. — Bids will be called for shortly for the construction of a $60,000 bldg. for the storage of torpedo warheads at Playa; a $140,000 torpedo storage bldg. at the submarine and destroyer base; and a $15,000 floating pile driver; according to an announcement by the public works officer of the 11th naval dist. The proposed paint and oil storehouse for the North Island naval air station will not be built this year as Congress failed to appropriate funds for this work.

HALLS AND SOCIETY

Sub Contracts Awarded.
CLUB BLDG. Cost $222,763
SAN FRANCISCO, Lakeside Golf Links
Two-story frame and stucco Spanish style club bldg. (clubrooms, living rooms, lockers, swimming tank, etc.)
Owner—Olympic Club.
Architect — Bakewell and Brown, 251 Kearny St., San Francisco.
Contractor—K. E. Parker Co., 519 Calif St., San Francisco.
Electrical work awarded to H. S. Tittle, 85 Columbia St., at $8460.
Heating and ventilating to Atlas Heating and Ventilating Co., 557 4th St. at $40,268.
Plumbing to Frank J. Klimm Co., 456 Ellis St., at $20,033.

Bids To Be Taken Next Week.
SOCIETY BLDG. Cost, $150,000
SAN JOSE, Fifth and San Fernando Sts
Four-story and basement reinforced concrete society bldg.
Owner—Catholic Womens Community Center (Mrs. Ella G. Graham, secretary).
Architect—Binder & Curtis, 255½ S 1st St., San Jose.
First floor will contain cafeteria, gymnasium, swimming tank, locker and laundry rooms. Second floor will contain secretary's office, living room, auditorium and lodge rooms. Third floor and fourth floor will be given over to dormitories, single and double rooms for about 75 persons.

Bids Being Taken.
SOCIETY BLDG. Cost, $150,000
SAN JOSE, Fifth and San Fernando Sts
Four-story and basement reinforced concrete society bldg.
Owner—Catholic Womens Community Center (Mrs. Ella G. Graham, secretary).
Architect—Binder & Curtis, 255½ S 1st St., San Jose.
First floor will contain cafeteria, gymnasium, swimming tank, locker and laundry rooms. Second floor will contain secretary's office, living room, auditorium and lodge rooms. Third floor and fourth floor will be given over to dormitories, single and double rooms for about 75 persons.

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Planned.
LODGE BLDG. Cost, $35,000
HEALDSBURG, Sonoma Co., Center St. Two-story concrete building with stone an dtile front.
Owner—Knights of Pythias.
Architect—Not selected.

Bids To Be Asked For Next Week.
TEMPLE BLDG. Cost, $100,000
ALAMEDA, Alameda Co., Cal., Alameda Ave., adj. present temple.
Class A Masonic Temple bldg.
Owner—Masonic Hall Assn.
Architect—Carl Werner, Santa Fe Bldg San Francisco.
The directors of the Masonic Hall Association are B. S. McFarland, president; D. W. Martin, vice president; Judge Elmer E. Johnson, secretary; with J. H. Sheeran, Fred Perryman, Wynn Meredith and Major C. L. Tilden.

Sub-Figures Being Taken.
CLUB AND STORE Cost, $——
OAKLAND, Alameda Co., Cal. Clay St. bet. 12th and 13th Sts.
Six or eight-story Class A club and store building.
Owner—Athens Athletic Club.
Architect—Wm. Knowles, Central Bk. Bldg., Oakland.
Contractor — MacDonald & Kahn, 130 Montgomery St., San Francisco.

SAN GABRIEL, Los Angeles Co., Cal.—San Gabriel Athletic Club has been organized and will select a suitable location. Walter B. Temple will assist the club in securing a site. There are 80 paid-up members.

SEATTLE, Wash.—July 8 has been announced as the date for opening bids on the proposed Eagles' Temple, according to an announcement made by Architect and Engineer Henry Bittman Securities building, Seattle.
Subcontracts, including plumbing heating and wiring will be included in the general award.

MONROVIA, L. A. Co., Cal.—Monrovia Elks have named a committee to visit Southern California cities with a view toward securing ideas regarding Elks lodge bldgs. and adapting various ideas in the proposed new clubhouse for Monrovia. The committee members are: Sam Ryan, Arthur F. Graf, Col. R. E. Frith, C. R. Weiss and A. J. Little.

SUSANVILLE, Lassen Co., Cal.—Loyal Order of Moose, Susanville Lodge No. 1497, has purchased site in Main street and plans to erect modern lodge building covering area of 25 by 140 ft.

ORLAND, Glenn Co., Cal.—The Tommy A. Thompson Post, American Legion, has purchased two lots in N-Fourth street and will seek co-operation of county supervisors in financing construction of $30,000 club memorial building. E. S. Ball, Glenn County treasurer is interested in project.

HOSPITALS

POMONA, Cal.—State Board of Control has $142,000 available and plans construction of buildings for mentally defective children on a 200-acre tract near Pomona. The expenditure of the fund is subject to the approval of the Governor.

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LOS ANGELES, Cal.—Sumner Sollitt Construction Co., Delta Bldg., has been awarded a contract at about $280,000 for all work complete for erecting a class A hospital bldg. at 610 S St. Louis St. for the Santa Fe Hospital Association. It will be 4-story, reinf. concrete construction, stucco exterior, terra cotta trim, marble and tile work, steam htg., elevators. Plans were prepared by the engineering department.

LOS ANGELES, Los Angeles Co., Cal.—Architect Albert C. Martin, 227 Higgins Bldg., has been commissioned to prepare plans for a 12-story and basement Class A hospital building to be erected at the southeast corner of 3rd St. and Vermont Ave for the Driver Hospital Assn., among the directors of which are Dr. L. M. Driver, Judge Gavin Craig, H. Victor Wright, Leo Daze and Wm. T. Kendrick Jr. The building will contain 300 beds, operating rooms, executive offices, etc.; dimensions, 180x160 ft., U-shape, reinf. concrete construction, stucco and terra cotta exterior, marble and tile work, steam heating, elevators. Cost, $750,000.

OFFICE CONSTRUCTING QUARTERMASTER, Fort Mason, Cal.—The following bids were received here June 25th, at 11 o'clock A. M., for exterior painting of buildings at Letterman General Hospital, Calif.

T. H. Dahl, 305 Broderick St., San Francisco	$21,215
J. A. Mohr	27,000
D. Zelinsky & Sons, Inc.	27,000
L. R. Kissel	27,559
G. H. Bachelor & L. E. Post	28,474
Cramer Bros.	29,965
Conrad Sovig	38,000
R. Zelinsky	38,441
Neal Co.	40,725
Boxton & Zwieg	50,611

BAKERSFIELD, Kern Co., Cal.—Until 10 A. M., July 7, bids will be rec. by county supervisors for items for the Kern general hospital group (including connecting tunnels), as follows (1) Refrigerators; (2) refrigerating plant; (3) sterlizers; (4) metal cabinets; (5) kitchen windows; (6) window shades. Specifications and plans are on file at the office of Charles H. Biggar, 405 Bank of Italy Bldg., Bakersfield. Cert. check or bond, 10%. F. E. Smith, clerk of the board.

POMONA, L. A Co., Cal.—H. Robert Braden, chairman of the state board of charities and correction, has announced that the state will start work at once on a $150,000 bldg. as the first unit of a state home for defective children. The bldg. will be erected on a 200-acre tract of land west of Pomona now owned by the state. The school will accommodate 170 to 175 high grade imbeciles and low grade morons. Geo. W. McDougall, state archt.

Disraeli said: "Confidence is a plant of slow growth." The confidence which architects, contractors, and owners everywhere have in Quandt-quality painting and decorating service has been established through the strictest adherence to the highest standards during the past 40 years. Whether the job be large or small, our paramount interest is to achieve the best result and give full value for every dollar expended. Quandt-quality service is a dependable service and will fulfill all your requirements.
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SAN FRANCISCO—Architects Frederick H. Meyer and Albin R. Johnson, 742 Market St., commissioned by Board of Public Works to prepare plans and specifications for proposed Harbor Emergency hospital to replace present structure in north side of Sacramento street east of Drumm St.

HOTELS

Working Drawings To Be Prepared.
HOTEL Cost, $120,000
BERKELEY, Alameda Co., Cal., Dwight Way and College Ave.
Five-story reinforced concrete hotel building (150 guest rooms with 75% baths).
Owner—Leslie R. Wilson, 2216 Blake St., Berkeley.
Architect—Hutchinson and Mills, 1214 Webster St., Oakland.

Figures To Be Taken Shortly.
HOTEL Cost, $150,000
CORVALLIS, Ore.
Seven-story concrete and brick hotel bldg. (120 rooms).
Owner—Withheld.
Architect — Houghtaling & Dougan, Garin Bldg., Portland.

Contract Awarded.
ALTERATIONS Approx $30,000
CROCKETT, Contra Costa Co., Cal.
Alterations and additions to hotel.
Owner—The Park View Hotel.
Contractor—Karl Koller, Crockett, Cal.

Working Drawings Being Prepared.
HOTEL Cost, $——
LASSEN COUNTY, Cal, Lassen Natl. Park.
Two-story frame hotel (50 rooms) with a log exterior while the interior will be finished in rustic.
Owner—Withheld.
Architect—C. A. Meussdorffer, Humboldt Bank Bldg., San Francisco.

SAN RAFAEL, Marin Co., Cal.—Wm. Kent and others have organized a syndicate and purchased a portion of the Jory Ranch at the summit of the Fairfax Grade and plans to erect a large hotel and establish an 18-hole golf course. The hotel will cost approximately $100,000. Mr. Leonard of the Palace Hotel, San Francisco, is reported to be interested in the syndicate.

LOS ANGELES CO., Cal.—Davison & Thompson, 361 Walnut Ave., Long Beach, submitted low bid to county supervisors June 23, at $71,280 for the general contract for erecting the new Psychopathic Bldg. No. 3 at the County Farm, near Downey. The building will be one-story, 253x154 extreme dimensions, brick construction, shingle roof. Other bids were United Bldg. & Finance Co., $71,400; Thos. E. Young, $71,770; Wm. A. Larkin, $73,846; Schaf & Strauser, $74,500; William G. Reed, $75,322; J. F. Kobler, $76,265; Barkelew & Could, $76,442; John Simpson & Co., $76,479; Louis A. Geisler, $80,695; Chas. E. Rowe, $80,000; Geo. F. Barber, $81,699; Barrett && Hilp, $86,450; C. A. Williams, $88,990; Dan Callahan, $89,236; McFadden & Winkleman, $94,960; G. W. Young, $114,900.

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GLENDALE, L. A. Co., Cal.—Archt. Alfred F. Priest, 719 Fay Bldg, is completing plans for a 3-story class C store and hotel bldg. to be erected on No. Brand Blvd. near Lexington Ave., Glendale, for B. Grossman and M. Meyers. It will contain 2 stores and 50 hotel rooms; dimensions, 50x150 ft., brick walls, press. brick facing, plate glass windows, steel beams, comp. rfg., metal skylights, fire escapes, pine trim tiled baths, heating; $80,000.

POWER PLANTS

MERCED, Merced Co., Cal.—Bid of Bent Bros., 1714 Eagle St., Los Angeles to construct Exchequer Dam and Power House for Merced Irrigation District has been taken under advisement and all other bids rejected. No action will be taken in awarding a contract until bonds to finance the work have been sold. R. V. Melkle, ch. eng. for dist.

SANTA MONICA, L. A. Co., Cal.—Owing to the power shortage, City Commissioner John Morton, head of the public works dept., is preparing an estimate of the cost of equipping pumping plants with oil burners. The commissioners are at the present time seeking figures on the cost of generating electrical power with a view toward the possible development of municipal street lighting and pumping plant current.

FORT MASON, Cal. — See "Government Work," this issue.

PUBLIC BUILDINGS

Contract Awarded.
ALTERATIONS Cost, $23,970
PIEDMONT, S Vista Ave. E of Bonita Avenue.
Alterations and additions to city hall and firehouse.
Owner—City of Piedmont.
Contractor — Fred J. Westlund, 795 land, Oakland.

MONROVIA, L. A. Co., Cal. — Archt. Paul R. Williams and Milton W. Nigg, engr., 1400 Stock Exchange Bldg., are preparing plans for a civic center to be erected at Monrovia for the city of Monrovia; there will be a police station, fire hall and garage erected at this time, and there will be a large city hall erected later. Reinf. conc. constr., 1-story and 2-story plaster exter., tile rfg.; $45,000.

GLENDALE, L. A. Co., Cal.—An election will be held in the city of Glendale on July 8th, to vote on a $47,000 bond issue for constructing an addition to the main public library bldg., located at Harvard and Jackson Sts., 3 blocks east of Brand Blvd. Plans for this bldg. were prepared by Arthur G. Lindley and Charles R. Selkirk, archt. associated, 800 American Bank Bldg., Los Angeles. The bldg. will be 1-story and basement, 35x70 ft., brick walls, struc. steel, comp. rf., oak fls., ornam. plas., gas rads., two tile fireplaces, ventilators. There will be an assembly room with stage and dressing rooms, open air reading room, rest rooms, and storage room.

Date of Opening Bids Postponed Until July 7, 1924, at 9 P. M.
AUDITORIUM Cost, $600,000
STOCKTON, San Joaquin Co., Cal.
Class A reinforced concrete Memorial Civic Auditorium.
Owner—City of Stockton (A. L. Banks, City Clerk).
Architect—Glenn Allen, 41 S Sutter St., Stockton, and Wright & Satterlee, Bank of Italy Bldg., Stockton (comprising City Architectural Commission).
Bids on the building will be segregated as follows:
(1) For all the structural steel erected in the building.
(2) General contract for all of work except the structural steel, plumbing, heating and ventilation, and the electrical work.
(3) Plumbing, heating and ventilation.
(4) Electrical work.
Plans may be seen at the office of the City Clerk or may be secured at the office of the architects.
Date of opening of bid changed from June 23 to July 7, 1924.

SAN FRANCISCO—The following bids were received and opened in the offices of Architect Wm. Arthur Newman, Postoffice Bldg., San Francisco, for glassware for lighting fixtures at San Francisco Post Office:

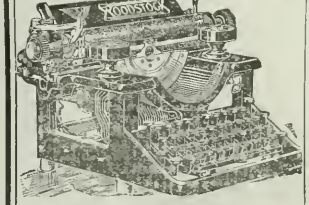
Elec. Appliance Co (incomplete)	$347.00
Meyerberg Co., Los Angeles	429.83
Incandescent Supply Co.	514.50
Pacific States Electric Co.....	566.00
Spencer Electric Co.	813.25

LOS ANGELES, Cal—Plans for the central library bldg., to be erected at 5th St. and Grand Ave., have been completed in the offices of B. G. Goodhue, New York, and have been filed with the city bldg. dept. for checking. As soon as the permit has been granted, bids will be advertised for by the library board. Since the death of Mr. Goodhue, arrangements have been completed whereby Carleton M. Winslow, 921 Van Nuys Bldg., assoc. archts., will have entire charge of the project. The bldg. will be 3-story and basement, main bldg. 239x200 ft., with a tower, and wing 81x129 ft., class A reinf. conc. constr., terra cotta and stone facing, tile, comp. and copper rfg., bronze work marble and tile, elevators, steam htg; $1,500,000.

RESIDENCES

Figures To Be Taken Shortly.
RESIDENCE Cost, $10,000
WILLITS, Mendocino Co., Cal.
Two-story frame country residence.
Owner—C. R. Negel.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.

LOS ANGELES, Cal.—Harold E. Phillips, 3718 S Hope St., has the contract to erect a 2-story 20-room residence at Bel-Air for W. L. Honnold; Carleton M. Winslow, 921 Van Nuys Bldg., L. A., archt. Two-story and basement, 110x32 ft., frame and plas. construction, clay tile rfg., tiled baths, gas. htg., hardwood trim; $40,000.



Mr. Architect or Builder
If you want your Typewriter Work on Specifications to be clean cut rent or buy a Woodstock, the machine that cuts the best stencil

Bids Wanted.
RESIDENCE Cost, $20,000
BERKELEY, Cor. Highland & Gilford Road.
Two-story frame and plaster 12-room English style residence.
Owner—Dr. A. Galbraith.
Architect—W. A. Doctor, 505 Bank of Italy Bldg., Oakland.
Bids are being taken for heating, plumbing, electrical wiring and mill work.

Contract Awarded.
DWELLINGS Cost, $18,000
SAN FRANCISCO, E Brighton Ave. 50 75 100 125 150 175 S Grafton Ave.
Six 1-story and basement frame dwlgs.
Owner—The McCarthy Co., 316 Bush St San Francisco.
Contractor—James Arnott & Son, 235 Granville Way, San Francisco.

Bids To Be Taken Next Week.
RESIDENCE Cost, $12,000
ANTIOCH, Contra Costa Co., Cal.
Two-story brick and concrete 10-room parochial residence with tile roof.
Owner—The Dominican Fathers, Antioch
Architect—Beezer Bros., 1915 Steiner St., San Francisco.

Plans Complete.
RESIDENCE Cost, $25,000
PALO ALTO, University Ave. and Marlowe Street.
Two-story frame and plaster residence.
Owner—M. A. Buchau, 257 Byron Ave., Palo Alto.
Architect — Henry H. Gutterson 526 Powell St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $15,000
SAN FRANCISCO, 25th Ave. Sea Cliff.
Two-story frame and plaster residence.
Owner—Edw. J. Deasy, 341 Montgomery St., San Francisco.
Architect — Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—J. J. Irwin, 801 Cabrillo St., San Francisco.

Plans Complete.
DWELLINGS Cost, $31,800
OAKLAND, N and S Maxwell W Birdsall.
Five 1-story 6-room dwellings and 3 1-story 5-room dwellings.
Owner—J. B. Peppin, 801 Trestle Glen Rd., Oakland.

Bids Wanted.
RESIDENCE Cost, $10,000
OAKLAND, Greenwood Avenue.
Two-story frame and plaster residence.
Owner—W. G. Mills.
Architect — Wm. Arthur Newman, Hearst Bldg., San Francisco.

Plans Being Prepared.
RESIDENCE Cost, $15,000
ALAMEDA CO., Claremont.
Two-story brick residence (7 rooms).
Owner—Emil Gloor.
Architect—Willis Lowe, 681 Market St., San Francisco.

Contract Awarded.
DWELLINGS Cost, $12,000
SAN FRANCISCO, W Faxon Ave. 52 100 148 N of Kenwood Way.
Three 1-story & basement frame dwlgs
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Contractor—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. Strothoff, 2274 15th St., San Francisco.

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Bids To Be Taken Next Week.
RESIDENCE Cost, $15,000
SAN JOSE, Santa Clara Co., Cal., The Alameda.
Two-story frame and stucco residence.
Owner—Dr. D H. Ross
Architect — Binder & Curtis, Binder Bldg., San Jose.

Plans Being Figured.
RESIDENCE Cost, $10,000
SAN FRANCISCO, 43rd Ave. and Balboa Street.
One-story frame residence.
Owner—W. D. Stewart, 754 26th Ave., San Francisco.
Architect—Dodge A. Reidy, Pac. Bldg., San Francisco.

Plans Completed.
BUNGALOW Cost, $10,000
BURLINGAME, San Mateo Co., Cal. Job 77 of Occidental Ave, San Mateo Park.
Bungalow and garage.
Owner—A. McIntyre, 446 Highland Ave., San Mateo.
Architect—None.
Contractor—A. McIntyre, 446 Highland Ave., San Mateo.

Plans Being Figured.
RESIDENCE Cost, $8500
SARATOGA, Santa Clara Co., Cal.
One-story frame residence and garage.
Owner—J. W. Pearce.
Architect—Chas. S. McKenzie, Bank of San Jose Bldg., San Jose.

Plans Being Prepared.
RESIDENCE Cost, $12,000
SAN FRANCISCO, Vallejo near Baker Street.
Two-story frame an dstucco residence.
Owner—H. Thompson.
Architect—Henry C. Smith, Humboldt Bank Bldg., San Francisco.

Figures To Be Taken Shortly.
RESIDENCE Cost, $13,000
SAN FRANCISCO, St Francis Wood.
Two-story frame and plaster residence
Owner—G. Williams.
Architect—Masten & Hurd, 278 Post St., San Francisco.

Figures To Be Taken Shortly.
RESIDENCE Cost, $8000
SAN FRANCISCO, St. Francis Wood.
Two-story frame and stucco residence.
Owner—R. A. Hickman.
Architect—Masten & Hurd, 278 Post St. San Francisco

Figures To Be Taken Shortly.
RESIDENCE Cost, $12,000
BERKELEY, Thousand Oaks.
Two-story frame and stucco residence
Owner—Mr. J. Hood.
Architect—Masten & Hurd, 278 Post St., San Franrisco.

LOS ANGELES, Cal.—John H. Simpson, 685 S Euclid Ave., Pasadena, has a contract to erect a $40,000, 2-story, 12-room frame dwlg. at 1275 Hillcrest Ave., Pasadena, for F. W. Griffith. Foundation 50x100 ft., stucco exter., shakes rf., hardwd., tile and cem. fls., tile baths and drainhds., unit heating Johnson, Kaufman & Coate, Union Bank Bldg., L. A., archts.

Contract Awarded.
RESIDENCE Cost, $16,050
SAN FRANCISCO, NW Cor. 11th Ave. and Cabrillo.
Two-story and basement frame residence.
Owner—J. R. Billington, care architect.
Designer—J. M. Ploeger, 1621 Fulton St., Berkeley.
Contractor—W. Martin, 180 Jessie St., San Francisco.

Contract Awarded.
RESIDENCE Cost, $10,000
SAN FRANCISCO, 43rd Ave. and Balboa Street.
One-story frame residence.
Owner—W. D. Stewart, 754 26th Ave., San Francisco.
Architect—Dodge A. Reidy, Pac. Bldg., San Francisco.
Contractor—Meyer Bros., 5328 Geary St., San Francisco.

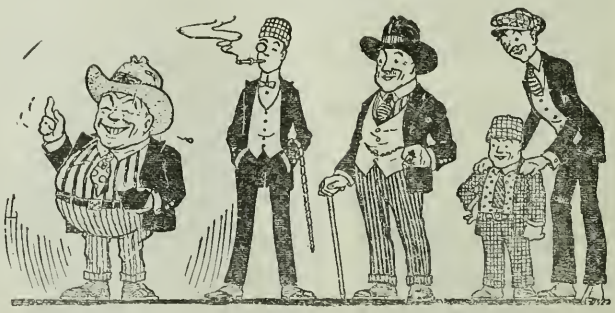
Contract Awarded.
RESIDENCE Cost, $10,000
OAKLAND, Alameda Co., Cal.
Two-story frame and stucco residence.
Owner—Capt. F. B. Zaddart.
Architect — Hutchison and Mills, 1214 Webster St., Oakland.
Contractor—L. J. Davis.

Segregated Figures Wanted.
RESIDENCE Cost, $12,000
OAKLAND, Alameda Co., Cal. Warfield Avenue.
One-story frame and cement residence with tile roof.
Owner and Architect—Sidney B. Newsom, Nevada Bank Bldg., S. F.

Plans Complete.
RESIDENCE Cost, $15,000
ALAMEDA CO, Claremont.
Two-story brick residence (7 rooms).
Owner—Emil Gloor.
Architect—Willis Lowe, 681 Market St., San Francisco.

AS SOON as July 4th.
* * *
IS PASSED.
* * *
WE OF the Building world.
* * *
ARE GOING to Livermore.
* * *
TO SEE Howard Williams.
* * *
AND THE 24 buildings.
* * *
NOW BEING erected.
* * *
FOR THE U. S. Veterans.
* * *
EVERYBODY IS invited.
* * *
BECAUSE ALL pay their way.
* * *
AT THE big luncheon.
* * *
AT THE Palace Hotel.
* * *
IN LIVERMORE.
* * *
JOE ODGERS and Sandy Pratt.
* * *
ARE THE committee of arrangements.
* * *
EMIL HOGBERG, brick contractor.
* * *
FOR THIS job.
* * *
AND JOE Greenback.
* * *
WHO HAS the plastering.
* * *
ARE THE entertainment committee.
* * *
AND HOWARD Williams, general contractor.
* * *
IS THE general chairman.
* * *
BILL GEORGE will speak.
* * *
AT THE noon-day luncheon.
* * *
SUBJECT, "WHY Wear Union Suits."
* * *
CHARLEY HALLOWAY is the committee.
* * *
ON AUTOMOBILES.

AND WE take the 8 A. M. boat.
* * *
SO SIR Charles says.
* * *
ANOTHER CHARLEY (Chas. Munson).
* * *
LATHER BY day.
* * *
ORATOR AT night.
* * *
WILL HAVE charge.
* * *
OF A tug of war.
* * *
BETWEEN THE brick men.
* * *
AND THE concrete aggregate.
* * *
SANDY PRATT, President.
* * *
OF THE Pratt Building Material Co.
* * *
PRODUCER OF Clean, sharp sand.
* * *
AND HARD, sharp, crushed rock.
* * *
DOES NOT know.
* * *
WHICH SIDE.
* * *
OF THE tug of war.
* * *
HE IS on.
* * *
FOR SANDY sells sand.
* * *
FOR BRICK mortar.
* * *
AND CONCRETE.
* * *
SO SANDY better be careful.
* * *
AND NOT throw.
* * *
EITHER BRICKS or rocks.
* * *
AT THE big picnic.
* * *
OF THE building world.
* * *
AT LIVERMORE in July.
* * *
"I THANK you."



Reading from left to right Joe Greenback, plastering contractor; Howard Williams, General contractor; Chas. Munson, lathing contractor; Bill Geo., producer of Standard plaster, and Emil Hogberg, brick contractor. All are connected with the U. S. Veterans' Hospital at Livermore and will be at the picnic. Photo by Sandy Pratt, President of the Pratt Building Material Co. of Sacramento, Prattrock (near Folsom), San Francisco, Prattco(Monterey County) and Marysville, producers of sand, crushed rock and gravel.

SCHOOLS

Bids To Be Taken Shortly.
AUDITORIUM ETC. Cost, $60,000
SUTTER CREEK, Amador Co., Cal.
Combination auditorium and gymnasium bldg. and a manual arts bldg.
Owner — Sutter Creek Union High School.
Architect—W. H. Weeks, 369 Pine St., San Francisco.

Plans Being Figured.
BUNGALOWS, ETC. Cost, $——
PITTSBURG, Contra Costa Co., Cal.
Two school bungalows and additions and alterations to Pittsburg Grammar School.
Owner — Pittsburg Grammar School District.
Architect—Louis S. Stone and F. E. Warner, Asso., 357 12th St., Oakland

SACRAMENTO, Sacramento Co., Cal. —Until July 7, 1923, 5 p. m., bids will be rec. by Chas. C. Hughes, secretary of the Sacramento Board of Education, for the purchase of equipment, supplies and furnishings f. o. b. Sacramento in the following classifications:
Vocational training equipment.
Printing.
Sewing machines.
Laboratory and science.
Microscopes.
Material for switchboard.
Athletic supplies.
Stage and window draperies for auditorium.
Copy of lists and specifications may be obtained at the office of the Business Manager, School Administration Building, 21st and L Sts., Sacramento.

MADERA, Madera Co., Cal.—The date of opening bids for restoring of the west wing to the Lincoln grammar school building and the restoration and completion of the Science and Arts building which was set for June 19th, 1924, at 2:30 o'clock p. m., has been extended to July 1, 1925, 8 p. m. Plans may be obtained from H. C. Austin, the clerk, of Madera School District.

POMONA, L. A. Co., Cal.—See "Hospitals," this issue.

POMONA, L. A. Co., Cal.—Archt. Robert H. Orr, 1305 Corporation Bldg., is preparing plans for a junior high school bldg to be erected at the Kaufman junior high school site, Pomona. Brick walls, 2-story, 45x90 ft., tile rf., press. brick facing, cement and maple fls., the first fl. will have an auditorium and balcony to seat about 600 people and the second fl. will have kindergarten and locker rooms. There will be a new gas furnace htg. sys. for the entire group of bldgs.

SAN FRANCISCO—Bids will be received on July 9, 1924, for electrical fixtures for the addition to the high School of Commerce, north line Fell St. between Van Ness and Franklin Sts., estimated cost of these fixtures $16,000. John Reid Jr. is City Architect. Plans obtainable from Bureau of Architecture, 2nd floor, city hall.

WHITTIER, L. A .Co., Cal.—Archt. A. S. Nibecker, 625 Washington Bldg., has been commissioned to prepare plans for a new school to be erected near Whittier for the Los Nietos school district. It will be of Masonry exter. walls, stucco finish, tile rfg. A $100,000 bond issue has been voted.

LONG BEACH, L. A. Co., Cal.—Until 8 p. m., July 14, bids will be received by Secretary Price, board of education, room 410, Markwell Bldg., Long Beach, for erecting an additional unit at the Temple school site, Piper, Kahrs, Dedrick & Bobbe, 441 E 1st St., Long Beach, archts. Cost about $60,000. Eight classrooms. Brick construction, concrete understructure, corridor floors and stairs, stucco exter., comp rf., hardwood classroom fls., steam heat, tile toilets.

WOODLAND, Yolo Co., Cal.—Until July 8, 8 P. M., bids will be rec. by Wm. M. Hyman, clerk, Woodland High School District, to fur. and install special fixture work and program clock system in connection with new high school W. H. Weeks, architect, 369 Pine St., San Francisco. Cert. check 5% payable to Pres. of Bd. of Trustees of Dist.t req. Plans obtainable from architect. **See call for bids under official proposal section in this issue.**

RICHMOND, Contra Costa Co., Cal.—Until July 3, 10 a. m., bids will be rec. by W. T. Helms, clerk, to paint and tint certain school buildings. Cert. check 10% payable to clerk req. Plans obtainable from clerk.

KELSEYVILLE, Lake Co., Cal. — Trustees of Kelseyville Union High School District reject bids to erect one-story and basement reinforced concrete high school. W. H. Weeks, architect 369 Pine St., San Francisco. Plans will be revised and new bids asked. Low bid was submitted by C. N. Bostrom, Orland at $52,400 adding $31,600 for auditorium. T. J. Kennedy, Martinez, low for heating at $5047.

LOS ANGELES, Cal.—The architectural department of the board of education has completed plans for a 12-room school bldg. to be erected on Solano Ave. near Yuba St. It will be 2-story 71x150 ft., brick and concrete construction, clay tile rfg.; $84,000. The board of education will advertise for bids shortly.

MARTINEZ, Contra Costa Co., Cal.—Trustees of Rodeo School District plan to purchase 17 lots adjoining the present school for future expansion of school facilities. Temporarily the additional lands will be fitted up for playground purposes.

MARTINEZ, Contra Costa Co., Cal.—Martinez Grammar School District proposes to purchase 13 acres in the Brown Tract on which it is planned to erect additions to the present school building.

McARTHUR, Shasta Co., Cal. — Campbell Construction Co., Nicolaus Bldg., Sacramento, at $25,364 awarded contract to erect frame and stucco gymnasium and install heating plant in Fall River Joint High School. Ralph D. Taylor, architect, Lassen Industrial Bldg., Susanville. Other bids were:
T. J. Rees, Fallon, Nevada.....$28,200
F. H. Nielson, Orland, Calif..... 32,253
J. J. Woodward, Susanville, Cal.. 32,696
Cofer Bros., Klamath Falls, Ore 32,929

MADERA, Madera Co., Cal.—Until July 7, 7:30 P. M., bids will be rec. by Elzora B. Allen, clerk, Raymond Granite Union School District, to erect new school building. Plans obtainable from clerk.

RYER, Sacramento Co., Cal. — The following bids were opened by the Clerk of the Board of Trustees of the Ryer Island School District June 21st for the construction of a one-story reinforced concrete school building with tile roof according to plans and specifications by Architects Dean & Dean, Calif. State Life Bldg., Sacramento:
Campbell Construction Co., Nicolaus Bldg., Sacramento $12,519
Jas. Bitcon 12,920
Geo. D. Hudnutt 12,955
Herndon & Finnigan 12,960
Mt. Motroni 12,069
F. H. Betz 13,449
All bids are being held under advisement.

WOODLAND, Yolo Co., Cal.—The following contracts have been awarded in connection with the construction of a two-story reinforced concrete high school building according to plans and specifications by Archt. W. H. Weeks, 369 Pine St., San Francisco:
General contract to P. F. Bender, 12 St. Rd., Sacramento at $77,692.
Plumbing to W. P. Boyce & Son, Woodland, Cal at $7412.
Heating to Latourrette-Fical Co., 907 Front St., Sacramento at $13,600.
Electrical work to M. E. Ryan 231 Main St., Redding at $4990.
Linoleum to Bonded Floors Co., Inc. 370 Front St., S. F. at $1910.
Window shades to D. N. & E. Walters, 562 Mission St., S. F. at $1002.50
Venetian blinds to D. N. & E. Walters at $2011.

PALO ALTO, Santa Clara Co., Cal. — Following contracts awarded in connection with two-story reinforced grammar school, to contain 13-classrooms. Birge M. Clarke, 600 Embarcadero Rd., Palo Alto and Allison and Allison, Hibernian Bldg., Los Angeles, associated architects:
General contract to Cochrane-Boehm Co., Call Bldg., San Francisco, at $71,900.
Composition roofing to W. J. Porter, San Jose, $268.
Tile roofing to Gladding & McBean, Crocker Bldg., S. F., $3725.
Blackboards to F. W. Wentworth and Co., 39 2nd St., S. F., $2536.
Painting to A. Quandt & Son, 374 Guerrero St., S. F., $4765.
Hardware to San Jose Hardware Co., San Jose, $2386.
Plumbing to Turner Co., 218 Natoma St., S. F., $7180.
Electrical work to Butte Elec. & Mfg. Co., 534 Folsom St., S. F., $4815.
Electric clocks to Pacific Elec. Clock Co., 86 3rd St., S. F., $498.
Bids for sheet metal work, plastering and heating and ventilating still under advisement.
NOTE—Low bid for general contract was submitted by Cobby and Owsley, San Francisco, at $68,349 who were permitted to withdraw their bid.

DURO
California Cedar Products Co.
All-Key Plaster Lath
(Patented)
100% Mechanical Key.
Plaster Wall Board
(Patent applied for)
The Last Word in Wall Board.
CALIFORNIA CEDAR PRODUCTS COMPANY
STOCKTON, CALIFORNIA

WOODLAND, Yolo Co., Cal.—The following bids were opened June 21st at 2 p. m. by the Clerk of the Board of Trustees of the Woodland High School District for the construction of a two-story reinforced concrete school building, according to plans and specifications by Architect W. H. Weeks, 369 Pine St., San Francisco:

P. F. Bender, 12 St Rd, Sacramento (1) $77,692; (2) add $2371; (3) deduct $462; (4) deduct $2634.30; (5) $1,363.60.

West Coast Construction Co., (1) $78,742; (2) add $3000; (3) —; (4) ded. $2807; (5) deduct $1560.

Campbell Construction Co., (1) $77,986; (2) add $3140; (3) deduct $350; (4) deduct $2900; (5) deduct $1500.

Herndon & Finnegan (1) $83,403; (2) add $2790; (3) —; (4) —; (5) —.

Cobby & Owsley (1) $84,470; (2) add $3650; (3) deduct $1000; (4) deduct $3000; (5) deduct $1590.

E. L. Younger (1) $87,800; (2) add $2,200; (3) deduct $900; (4) deduct $2714; (5) deduct $1414.

F. H. Betz (1) $91,653; (2) add $3195; (3) —; (4) —; (5) —.

Robt. Trost (1) $93,392; (2) add $4850; (3) deduct $350; (4) deduct $2714; (5) deduct $1444.

Plumbing

A. W. Sweet, North Sacramento	$6385
W. P. Boyce & Son	7412
Latourrette-Fical Co.	7800
Hately & Hately	8246
W. H. Picard	8400
L. J. Kruse	9309
Carl T. Doell	9771

Heating

Latourrette-Fical Co., 907 Front St., Sacramento	$13,600
W. H. Picard	13,950
T. J. Kennedy	14,311
Carl T. Doell	14,662
W. P. Boyce & Son	14,825
W. K. Nottingham	15,690
Hateley & Hateley	15,988

Electrical Work

M. E. Ryan, 231 Main St., Redwood City	$4990
(2) deduct $285.	
Latourrette-Fical Co.	6250
(2) deduct $250.	
NePage McKinney	7129
(2) deduct $225.	
Advance Electric Co.	7490
(2) deduct $185.	
E. D. Foss	8500
(2) deduct $300.	

Linoleum

Bonded Floor Co., Inc., 370 2nd St., San Francisco	$1910.00
Van Fleet Frearer	2338.85
D. N. & E. Walters	2510.25
W. J. Sloane	2606.30

Window Shades

D. N. & E. Walters, 562 Mission St., San Francisco	$1002.50
W. J. Sloane	1103.00

Venetian Blinds

D. N. & E. Walters	$2011
C. F. Weber	2546
Stewart School Supply Co.	2760

All bids were taken under advisement.

SANTA MONICA, L. A. Co., Cal. — Western States Constr. Co., 1229 Santa Monica Blvd., Santa Monica, was low bidder and was awarded the general contract at $33,649 for an additional school bldg. at the John Adams junior high school site, Santa Monica, for the Board of Education of the Santa Monica High School District. Allison and Allison, 1405 Hibernian Bldg., Los Angeles, archts. It will contain a large cafeteria and six classrooms, brick constr., stucco exter., comp. rfg., maple and cement fls. Plumbing was awarded to Ora King, 1142 E 71st St., at $2949; elec. wiring to Graham Elec. Co., 4309 S Park Ave., at $1088; heating to E. P. Nittinger, 828 Colorado Ave., Santa Monica, at $1360. [illegible]

BERKELEY, Alameda Co., Cal.—Until July 8, 4 p. m., bids will be rec. by Clyde Blanchard, secy. Board of Education, 2133 Allston Way, to fur. and erect fire escapes on Emerson school at Piedmont and Forest Aves. Cert. chk 10% payable to Bd. of Educ. req. with bid. Plans obtainable from secretary.

BLUE CANYON, Placer Co., Cal.—Until July 7, 2 P. M., bids will be rec. by George A. Bartlett, Clerk, Blue Canyon School District, to raze present structure and erect new high school building. Cert. check 10% req. Plans on file in office of County Sup't. of Schools at Auburn.

BERKELEY, Alameda Co., Cal.—Until July 8, 4 p. m., bids will be rec. by Clyde Blanchard, secy. Board of Education, 2133 Allston Way, to fur. and del. grammar school furniture for school year commencing July 1, 1925 and ending June 30, 1925. Cert. check 10% payable to Bd. of Educ. req. with bid. Lists of materials desired obtainable from secretary.

BERKELEY, Alameda Co., Cal.—Until July 8, 4 p. m., bids will be rec. by Clyde Blanchard, secy. Board of Education, 3133 Allston Way, to fur. and del. high school furniture for school year commencing July 1, 1924 and ending June 30, 1925. Cert. check 10% payable to Bd. of Educ. req. with bid. Lists of materials desired obtainable from secy.

PORTLAND, Ore. — See "Churches," this issue. School and church. To ask bids.

MODESTO, Stanislaus Co., Cal.—Until July 3, 10 A. M., bids will be rec. by Geo. C. Delphia, clerk, Rising Sun Joint School District, to erect Rising Sun School. Bids are desired on a general contract including everything specified and with alternate proposition. J. H. Hoose and Victor Galbraith, architects. Cert. check 10% payable to clerk req. Plans obtainable from Architect Galbraith, 208 Elks Bldg., Stockton, and from clerk of district on deposit of $10, returnable. **See call for bids under official proposal section in this issue.**

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$3.50 to $7.00

COUNTY and GENERAL AGENTS WANTED

SECURITY SALES CO.

253 MONTGOMERY STREET

San Francisco, Calif.

SAN MATEO, San Mateo Co., Cal.—School Board contemplates erection of new school at Beresford and altering the fire house at Clark Drive and Crescent Ave. for 1-classroom for children in the San Mateo Park District. The new structure to be located at Date Ave. and El Camino Real would contain 2-classrooms; est. cost, $3,000; remodel firehouse, $1,000.

LOS ANGELES, Los Angeles Co., Cal.—Until 9 A. M., July 9, bids will be received by the Board of Education for erecting a science building and a music hall at Lincoln high school, North Broadway and Lincoln Park Ave. The buildings will be of brick construction and will cost $95,000. Bids will be taken separately on general contract, plumbing, painting, wiring and heating.

LOS ANGELES, Los Angeles Co., Cal. Until 9 A. M., July 9, bids will be received by the Board of Education for erecting a new building at Ivanhoe school site, on Herkhimer St. near Rowena Ave. It will be of brick construction and will cost $64,000. Blds will be taken separately on the general contract, plumbing, painting, wiring and heating.

LONG BEACH, Los Angeles Co., Cal.—John I. Kane & Co., American Bank Bldg., Los Angeles, was awarded the general contract at $78,989 for erecting the new Edison elementary school, 6th St. and Maine Ave., Long Beach. Other awards were: W. G. Reed, plastering, $11,594.52; E. A. Lindgren, painting, $4000; Economy Plumbing & Heating Co., plumbing, $8487.50; Hickman Bros., heating and ventilating, $11,048; Jensen Electric Co., wiring, $2485; H. L. Gogerty, 413 Marine Bank Bldg., Long Beach, and Noerenberg & Johnson, L. A. Ry. Bldg., L. A., associate architects. Brick construction, 300-seat auditorium, 18 classrooms, concrete understructure, corridor floors and walls, tile roof, stucco exterior, pine and maple floors, steam heat.

LOS BANOS, Merced Co., Cal.—Until July 5, 10 A. M., bids will be rec. by L. H. Menzel, clerk, Romero School District, to erect new school building. J. H. Hoose and Victor Galbraith, associate architects. Cert. check 10% payable to clerk req. Plans obtainable from Architect Galbraith, 208 Elks Bldg., Stockton, on deposit of $10, returnable.

VENTURA, Ventura Co., Cal.—Dan Callahan, 414 Lankershim Bldg., was low bidder at $32,600 for a three-room grammar school building to be erected at the Avenue school site one mile out of Ventura for the Avenue School Board. Plans by Albert E. Hogsett, 1016 N. Wilcox Ave. Reinforced concrete construction, 1-story, tile roofing, plaster exterior, maple floors, gas steam radiators, marble toilet partitions, slate blackboards. Other low bidders were: Hardware, Ventura Hardware Co., Ventura; heating, Williams Rad. Co., 1864 W. Washington St.

BANKS, STORES & OFFICES

Contract Awarded.

BUILDING Cost, $10,600

STOCKTON, Block 3 Lots 9 & 10 Pacific Manor, situated on Fulton and Sacramento road.

Building.

Owner—Adelaide M. Coburn, 1219 E Market, Stockton.

Contractor—H. W. Johnson, 301 Sonoma, Stockton.

Sub Contract Awarded.

LOFT BLDG. Cost, $80,000

SAN FRANCISCO, W 3rd 125 SE Brannan Street.

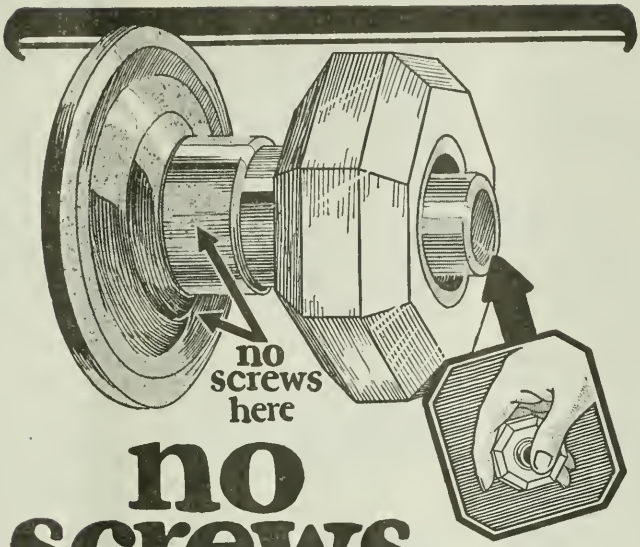
Two-story and basement reinforced concrete loft bldg.

Owner — Walter Sullivan, Alexander Bldg., San Francisco.

Contractor—Geo. Wagner, 181 So. Park San Francisco.

Sprinkler system awarded to Grinnell Co., 5th and Brannan Sts., S. F.

As previously reported, the plumbing was awarded to Jas. H. Pinkerton, 927-31 Howard St., S. F. and wiring to H. F. Biddle.



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in plates or spindles

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Figures Being Taken.
STORE & OFFICE Cost, $60,000
PALO ALTO, Santa Clara Co., Cal.
Two-story reinforced concrete store and office bldg. (9 offices on 2nd floor).
Owner — Fraser Drygoods Co., Palo Alto.
Architect — Birge M. Clark, 600 Embarcadero, Palo Alto.

Contract Awarded.
ADDITION Cost, $10,000
SAN FRANCISCO, E Potrero Ave. 25 N 15th St.
Additional two stories to building.
Owner—R. N. Nason & Co., Potrero and 15th St, San Francisco.
Contractor—W. A. Rainey, 180 Jo St., San Francisco.

Sub Contract Awarded.
OFFICE BLDG. Cost, $1,250,000
SAN FRANCISCO, NE Post and Mason Streets.
Fifteen-story Class A Physicians and Dentists office building.
Owner—Medico-Dental Building Cptn.
Architect — Geo. W. Kelham, Sharon Bldg., San Francisco.
Engineer—H. J. Brunnier, Sharon Bldg. San Francisco.
Contractor—Geo. Wagner, 251 Kearny St., San Francisco.
Excavating, bulkheading, back filling and grading let to Sibley Grading Teaming Co., 165 Landers St., S. F., at $18,000.
As previously reported, plumbing, heating, ventilating and wiring was awarded to The Turner Co., at $192,000; elevators to Otis Elevator Co., 2300 Stockton St., S. F.; ornamental terra cotta and roofing to Gladding, McBean & Co., Crocker Bldg., S. F.; and steel to The Moore Dry Dock Co., Balboa Building.

June 23, 1924
Working Drawings Being Prepared.
OFFICE BLDG. Cost, $200,000
SAN FRANCISCO, SE Cor. Van Ness Ave. and Hayes St.
Four-story class A office bldg.
Owner—Calif. State Automobile Association.
Architect—George W. Kelham, Sharon Bldg., San Francisco.

Planned.
BUILDINGS Cost, $500,000
LOS ANGELES, Santa Monica Blvd.
Group of moving picture studio bldgs.
Owner—Los Angeles Capitalists.
Architect—Not selected.

Contract Awarded.
STORE BLDG. Cost, $25,600
SACRAMENTO, 3100-42 Folsom Blvd.
One-story bldg. (5 stores).
Owner—H. J. Gelling Co., 718 M St., Sacramento.
Contractor — W. C. Keating, Forum Bldg., Sacramento.

Sub-Contract Let.
OFFICE BLDG. Cost, $1,500,000
SAN FRANCISCO. SE Market and Beale Streets.
Seventeen-story and basement Class A brick, steel and concrete office building.
Owner—Pacific Gas & Electric Co.
Architect — Bakewell & Brown, 251 Kearny St., San Francisco.
Consulting Engineer—C. H. Snyder.
Consulting Mechanical Engineer — Hunter & Hunter.
Ornamental Iron to The Federal Ornamental Iron & Bronze Co., 16th and San Bruno Ave., San Francisco.

Bids To Be Taken Next Week.
STORE & LOFT Cost, $25,000
SAN FRANCISCO, N Market near Van Ness.
Two-story and basement reinforced concrete store and loft bldg.
Owner—C. McDermott.
Architect—Crim & Murdock, 425 Kearny St., San Francisco.

LOS ANGELES, Los Angeles Co., Cal. Architect John M. Cooper, 321 Marsh-Strong Bldg., is preparing plans and has the contract to erect a 5-story Class A building at 4th and Mateo Sts. for Cheek-Neal Co. Dimensions, 105x105 ft., reinforced concrete construction, pressed brick facing, cement floors, composition roofing, steel sash, gas radiators, 2 electric elevators, wire glass, steel rolling doors, loading platforms, etc. Cost, $130,000.

Contract Awarded.
STORE BLDG. Cost, $75,000
EUGENE, Ore., Willamette St.
Brick and terra cotta store bldg.
Owner—Laraway's Music Co.
Contractor—Stein Bros.

LOS ANGELES, Los Angeles Co., Cal. —Architects Walker & Eisen, 701 Great Republic Life Bldg., are preparing plans for a thirteen-story and basement Class A store and loft building to be erected on Los Angeles St. near 7th St., adjoining the Transportation Bldg., for the Standard Building Co. Dimensions, 150x123 ft., reinforced concrete construction. Cost, $500,000.

ALHAMBRA, Los Angeles Co., Cal.—Pacific Telephone and Telegraph Co., through its construction engineering department, Mr. Morrison, Room 508, 740 S. Olive St., has completed plans for a new telephone building to be erected at Alhambra. Reinforced concrete and steel construction, 50x88 ft., brick facing, composition roofing, hollow metal windows, steam heating system, cement floors, three-story and basement. Bids have been taken.

LOS ANGELES, Cal.—L. D. Keen of the Keen Construction Co., has prepared plans for a 7-story steel frame office building for the s.w. cor. Brand Blvd. and Broadway, owned by Mrs. Jas. B. McEnany of Glendale, who is residing at her summer home at Santa Monica; it is reported leases on the site (95x150 ft.) expire July 15 and it is expected construction work will be started immediately thereafter.

LOS ANGELES, Cal.—Archt. W. S. Hebbard, 534 I. W. Hellman Bldg., is completing plans for a 4-story class B store and loft bldg. to be erected on s.w. cor. W 7th St. and Park View for R. N. Park by the Winter Constr. Co., 200 L. A. Ry. Bldg. There will be 4 stores on first floor. Dimensions, 100x 140 ft., brick walls, plaster exter., tile and comp. rfg., wrought iron balconies, ornam. iron work, wood and cement fls elevators.

LOS ANGELES, Los Angeles Co., Cal. —The following sub-contracts have been awarded for a three-story and basement cafeteria building to be erected on Hill St., between 5th and 6th Sts, for Boos Bros.; reinforced steel, George L. Eastman Co., 1401 Alameda St.; sand and gravel, Union Rock Co., 1403 E. 16th St.; cement, Oro Grande Lime & Stone Co.; structural steel, Baker Iron Works, 912 N. Broadway; lumber, E. K. Wood Lumber Co., Pacific Finance Bldg. Chas. F. Plummer, 1108 Story Bldg., architect.

LOS ANGELES, Cal.—Archt. Albert C. Martin, 228 Higgins Bldg., is preparing plans for a 3-story class C store and loft bldg. to be erected at n.e. cor. of Pico and Los Angeles Sts. for Reagan Bros. Dimensions, 80x120 ft., brick walls, rug. brick facing, plate glass, steel beams, steel sash, comp. rfg., metal skylights, cem. and wood fls., elevator.

LOS ANGELES, Cal. — Archt. H. C. Deckbar, 1007 Wright & Callender Bldg has completed plans and is taking segregated bids for a 1-story auto sales, service and shop bldg. to be erected on s.e. cor. Washington and Western, for F. G. McCoy. Dimensions, 120x130 ft., brick and frame constr., tile and comp. rfg., struc. steel, art stone trim, cem. fls., cem. walks, metal lath and plaster, metal skylights, plate glass.

PASADENA, L. A. Co., Cal. — S. M. Benet & Co., 416 Beverly Dr., Beverly Hills, has the contract on a cost plus basis for erecting a 7 to 10-story class A retail furniture store bldg. on E Colorado near Oakland Aves., Pasadena for the Pasadena Furniture Co. Curlett & Beelman, 408 Union Bank Bldg., L. A. and Frederick L. Kennedy Jr., 25 Green St., Pasadena, assoc. archts. Foundation 78x170 ft., reinf. conc. construction, comp. rf., cem., tile and hardwood fls., steel sash, 3 elec elevators, plate glass, show rooms, offices, shops and storage rooms.

REDDING, Shasta Co., Cal.—Following bids received by State Highway Commission, Forum Bldg., Sacramento, June 23, to erect one-story and part basement 50 by 80 ft. stucco office building:

J. P. Brennan, 327 Butte St., Redding	$19,690
Campbell Construction C.	21,370
Fred H. Betz	24,288
Geo. H. Wilson Jr.	27,526
Engineer's estimate	24,687

LOS ANGELES, Los Angeles Co., Cal. —Winter Construction Co., 200 L. A. Ry. Bldg., has the contract to erect a four-story Class B store and loft building at the southwest corner of 7th St. and Parkview Ave. for R. N. Park. W. S. Hebbard, 534 I. W. Hellman Bldg., is the architect. Dimensions, 100x90 ft., brick walls, structural steel, stucco exterior, tile and composition roofing, wrough iron balconies, ornamental iron elevators. Cost, $100,000.

LOS ANGELES, Los Angeles Co., Cal. —Architect T. Veverly Klem, 709 Haas Bldg., is preparing plans for a four-story Class C store and office building to be erected on W. 7th St. near Parkview for Theodore Kosloff. It will have 2 stores on first floor with office suites above. Brick walls, 4-story, 50x115 ft., composition roofing, plate glass, art stone and plaster facing, cement and hardwood floors, metal skylights, gas radiators, electric elevator, toilets, etc.

LOS ANGELES, Cal.—Christ Thoren, 6764 Hawthorne Ave., has the general contract at about $71,000 for erecting a 2-story and part 1-story store and office bldg. at n.w. cor. of Vermont Ave. and Santa Monica Blvd. for Nicholas H. Priester. Weston & Weston, Hollywood Security Bldg., archts. The bldg. will be 100x60 ft. with a wing 44x60 ft; 12 stores, 14 offices; brick walls, terra cotta facing, granite bases, plate glass store fronts, marble bases, copper sash, Terrazzo lobby, comp. rfg., pine and hardwood trim, oak and pine fls., cem. store fls., lavatories, heating, water htr., lavatories.

THEATRES

Plans Being Prepared.
THEATER Cost, $6000
OAKLAND, 14th and Broadway.
Re-decorate theater bldg.
Owner—State Theatre.
Architect—M. T. Jorgenson, 110 Sutter St., San Francisco.

Plans Being Completed.
REMODEL THEATRE Cost, $10,000
LODI, 19 S School St.
General remodeling of theatre (painting, plastering, plumbing, wiring and carpentry).
Owner—The Lodi Theatre.
Architect—Mark T. Jorgensen, 110 Sutter St., San Francisco.

Sub Contracts Awarded.
THEATRE & STORES Cost $45,000
SAN FRANCISCO, S Third St., 41-3 N of Quesada St.
Class A theatre and store building (cement exterior and tile roof)
Owner—Otto Roeder.
Architect—Chas. Strothoff and Gustave Stahlberg, 2274 15th St., S. F.
Contractor—S. Rasori, Williams Bldg., San Francisco.
Sheet metal work to Guilfoy Cornice Works, 209 8th St., S. F.
Plastering to E. Valentino.
As previously reported, the structural steel was awarded to Central Iron Works, 2050 Bryant St.; reinforcing steel to W. S. Wetenhall Co., NE 17th and Wisconsin Sts., S. F., and miscellaneous items to Michel & Pfeffer, 1415 Harrison St., S. F.; plumbing to E. Sugarman, 3624 Geary St., S. F.; electrical work to Paul Butte ,956 Folsom Street, S. F.; heating to Atlas Heating & Ventilating Co., 557 4th St., San Francisco.

LONG BEACH, L. A. Co., Cal.—Higgins & Gray, realtors and contractors, 132 Pine Ave., Long Beach, report that tentative drawings are being prepared for erecting a 1500-seat, $125,000, 80 by 140 ft. theater, stores and office bldg. on E Anaheim St. near the Hart Theater, Long Beach, for Hart Bros., proprietors of the Hart Theater.

LONG BEACH, L. A. Co., Cal.—W. J. Burgin, Long Beach, was low bidder at $126,600 for a 3-story class A theatre, store and cafe bldg., to be erected on Seaside Blvd. and Collins Way, Long Beach, for Donely & Bolinger, 225 E Seaside Blvd., Long Beach. Carl Boller, 340 Douglas Bldg., L. A., archt. The bids were: W. J. Burgin, $126,600; Winter Constr. Co., $148,447; J. D. Sheerer, $155,197; C. T. McGrew & Sons, $129,918; Stewart Constr. Co., $133,406. Contract will be awarded shortly.

LOS ANGELES, Cal.—Lange & Bergstrom, Washington Bldg., have been awarded the general contract at about $400,000 for erecting a theater, store and office bldg. at n.e. cor. of Washington St. and Vermont Ave. for West Coast Theaters, Inc. The contract for sprinkler system was awarded to Thos. Haverty Co. and plumbing to J. Hokom Co. Heating and wiring have not been awarded. Albert C. Martin, 228 Higgins Bldg., archt. The bldg. will be 250x190 ft; the front portion will be 2-story, class C construction, and will contain stores and offices. The theater auditorium will be class A reinf. concrete construction and will seat 2000 people.

WHARVES AND DOCKS

SAN FRANCISCO—Bids were opened on June 26th, by the Board of State Commissioners for furnishing materials and painting sheet metal work and steel sash on Piers Nos. 29 and 31. The contract was awarded to R. Zelinsky, 693 Mission Street. The complete list follows:

R. Zelinsky, S. F.	$3678
Craemer Bros., S. F.	3965
J. H. Mohr, S. F.	4706
J. H. Devert	4855
Henry Wagner	4960
I. R. Kiesel, S. F.	5006
Conrad Sovig, S. F.	5840

LOS ANGELES, Los Angeles Co., Cal.—Until 2:30 P. M., July 11, bids will be rec. by harbor comm., 312 Byrne Bldg., for creosoted piles, tiles and lumber under spec. 614. J. G. Starr, secretary.

MISCELLANEOUS BUILDING CONSTRUCTION

Contract Awarded.
TERMINAL BLDG. Cost, $150,000
SEATTLE, Wash., 2nd Ave. & King St.
Four-story reinforced concrete Postal terminal building and 1-story add. to present 2-story building.
Owner—Great Northern Railway, Seattle.
Architect—Eng. Dept. of Great Northern Railway Co.
Contractor—W. T. Butler, Cent. Bldg., Seattle, Wash.

RIVERSIDE, Riverside Co., Cal. — T. H. Fowler, pres. and gen. mgr. of Lakeview Hot Springs, formerly "Bernasconi," a resort situated at the base of the mountains on the west side of the Moreno Valley, has announced proposed improvements to the property, costing in the neighborhood of $250,000. There will be erected about 30 stucco bungalows, a dance hall, 60x100 ft., a general store, a community kitchen, golf course, etc.

STOCKTON, San Joaquin Co., Cal.—Southern Pacific Co., 65 Market St., San Francisco, has purchased lands in the vicinity of Stockton and will establish new commercial yards, spending approximately $500,000 in the work. Construction will not be started before January of 1925. G. E. Gaylord is Sup't. of the Stockton division.

HOLLYWOOD, L. A. Co., Cal.—Samuel H. London, 6362 Hollywood Blvd., legal agent for Consolidated Film Industry, Inc., New York, Ludwig Erb, pres.; H. J. Yates, gen. mgr., has announced intention of the company to erect a $2,500,000 group of 3-story fireproof, mechanical laboratory film plant bldgs. on a 7 to 14-acre site now being selected in Hollywood.

BUSINESS OPPORTUNITIES

SAN FRANCISCO—Further information regarding these opportunities may be obtained from the office of Larsen Advance Construction Reports, 818 Mission Street, San Francisco, either by phone, letter, or personal call. Requests for additional information should be made to the Business Opportunities Department. Such requests must be accompanied by the Index Number of each opportunity.

8339—New York, N. Y. Firm desires to buy CASKS for export shipments of 53 to 55 gallons, also a hundred meter BARRELS, POROUS CASKS, known as "Oleos," suitable for tallow and oleomargine.

8340—Berlin, Germany. Manufacturers of a commodity termed "Jowit," which may be used in manufacture of jewelry, radio parts, electric fixtures, etc., desires to send samples and full details to San Francisco importers interested in the article.

8343—Copenhagen, Denmark. Manufacturers of MACHINES used in the making of cable wire and rope, desire to interest California cable makers in these machines. Full information will be forwarded upon request.

8348—Leon, Mexico. Catalogs and price lists of greenhouses are requested.

8351—London, England. Manufacturers of AUTOMATIC HAND MACHINE FOR CLUTIVATING, PLOWING AND PLANTING, desire to appoint representatives in San Francisco, for the development of their business in California.

8357—San Francisco, Calif. Young man, formerly in the South American Consular Service, well acquainted with conditions in Latin-America, able to give intimate suggestions regarding development there, is open for engagement. He speaks and writes Spanish, French, Italian and English. Highest references.

8358—San Francisco, Calif.—Two engineers, mining, mechanical and structural, raised in Russia, graduates of the University of California, familiar with the gold mining in Siberia and with wide circle of acquaintances there, offer their services as technical experts, investigators, or trustworthy employees for corporations or persons contemplating investment in mining or other business in Russia. Best references.

8359—San Francisco, Calif. Gentleman with a knowledge of German and Spanish, and ten years experience in foreign trade houses abroad, desires a position in the shipping department of a San Francisco export firm. References furnished as to energy and dependability.

D-1292 — Piedmont, Calif. Young man with sales experience desires to connect with large established San Francisco firm with idea of permanent connection. Can furnish best of references.

D-1293—New York. Manufacturers of architectural and interior decorating Art Iron Work desires to secure an AGENT in California to sell their line on commission basis.

D-1294—Cincinnati, Ohio. Concern has job lot of thermometers for sale at extremely low prices. Closing out this line.

D-1296—Chicago, Ill. Manufacturers' agent desires to take on new lines to represent in Chicago and surrounding territory.

D-1298—Los Angeles, Calif. Party with 12 years' experience as Superintendent of Construction and operation for largest wood distillation plants in the South desires to communicate with parties concerning the establishing of wood distillation plant in this district.

D-1300—Lyons, Iowa. Manufacturer of nickel plated window bars desires to secure San Francisco AGENT. No capital required.

SUBSCRIPTION BLANK

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.....192.....

TO BUILDING AND ENGINEERING NEWS,
818 Mission Street, San Francisco, Calif.

Send me Building and Engineering News for one year, commencing with next issue, for which I enclose check for $5.00 **(Remittance must accompany order)**

Name .....

Street and No. .....

City ..... State .....

Official Proposals

A call for bids published in this section indicates that bids are desired from other than local bidders Maximum competition is desired, and this is assured through BUILDING AND ENGINEERING NEWS which reaches every worth-while contractor and materialman in Central and Northern California who bids on public work.

Rate: 10 cents per line, per insertion.

All official calls for bids of the California State Highway Commission and Nevada State Highway Commission are published in this section.

NOTICE TO BIDDERS

(Rising Sun Joint School District)

Notice is hereby given that sealed bids will be received by the Board of Trustees of the Rising Sun Joint School District, of Stanislaus and San Joaquin Counties, State of California, **up to 10 A. M., July 3, 1924,** at the office of the County Superintendent of School of Stanislaus County, in the County Court House, at Modesto, Calif., for the general erection and completion of a school building for the above named District, in accordance with the plans and specifications prepared for the same by J. H. Hoose and Victor Galbraith, authorized architects, employed by the Board; bids will be opened at the above mentioned time, in the said County Superintendent's Office.

Bids will be received on a general contract including everything shown and specified with alternate propositions.

Plans and specifications may be had at the residence of Mr. Geo. C. Delphia, Vernalis, Calif., Clerk of the Board, or at the office of Victor Galbraith, Architect, 208 Elks Bldg., Stockton.

A deposit of ten dollars ($10.00) will be required on all plans loaned out, which sum will be repaid upon the return of the plans and specifications in a whole and undamaged condition.

All bids to be made out on blank forms furnished by the Architect, and must be accompanied by a check for not less than ten per centum (10%) of the amount of the bid, made payable to Geo. C. Delphia, Clerk of the Board, and certified to by some responsible banking house. This check is to be forfeited in the event that the successful bidder, after having been awarded the contract, fails within three (3) days to sign the contract and furnish good and sufficient bond, as required by law.

The Board reserves the right to reject any or all bids.

All bids to be addressed to Geo. C. Delphia, Clerk of the Board of Trustees of Rising Sun Joint School District, Office of County Superintendent of Schools, Modesto, Calif., and shall be marked on the exterior, Bid on the Rising Sun School.

Dated this 18th day of June, 1924.

GEO. C. DELPHIA,
Clerk of the Board of Trustees of the Rising Sun Joint School District.

NOTICE TO CONTRACTORS

(Woodland High School District)

Notice is hereby given that sealed bids will be received and opened by the Board of Trustees of the Woodland High School District, Yolo County, State of California, in the present Grammar School Building in Woodland **at 8 P. M., on the 8th day of July, 1924,** for the following work in connection with the new High School Building, to erected in the City of Woodland, California, according to plans and specifications prepared for the same by W. H. Weeks, Architect.

Bids will be received as follows:
Special Fixture Work.
Program Clock System.

Plans and specifications may be seen at the office of the Architect, W. H. Weeks, 369 Pine street, San Francisco, California, or at the office of the Principal of the High School in Woodland, California.

All bids should be presented on bid form furnished by the Architect. Each bid must be accompanied by a certified check on some responsible California Bank in a sum not less than five per cen (5%) of the amount bid, made payable to President of the Board of Trustees of the Woodland High School District, for the purpose stated in specifications.

Each bid must be delivered in sealed envelope and addressed to Wm. M. Hyman, Clerk of the High School Board of Trustees, and endorsed:

"Proposal for Work New High School Building."

The Board reserves the right to reject any and all bids.

(Signed J. L. HARLAN,
President of the Board of Trustees of the Woodland High School District,
Woodland, California.

NOTICE TO CONTRACTORS

(Concrete Paving—San Rafael)

Sealed proposals for the paving of Irwin Street in the City of San Rafael, Marin County, California, will be received by the City Clerk of said City at his office in the City Hall, **until 8 o'clock P. M., Monday, July 7, 1924,** and then publicly opened.

The principal quantities involved are approximately as follows:

7 inch Cement Concrete Pavement—22,700 sq ft.

Work to be completed by August 15, 1924.

Payments to be made monthly in cash retaining 25% of the value of work performed, and final payment to be made within 35 days of completion and acceptance of work.

Specifications and proposal forms may be secured from the City Manager at the City Hall, upon deposit of $5.00, which will be refunded upon return of specifications in good condition within 15 days after bidding date.

Each bid must be accompanied by a certified check for ten per cent of the amount of the bid, payable to the Mayor of the City of San Rafael, which will be returned to unsuccessful bidder within ten days after bidding.

The right is reserved to reject any or all bids, or waive any informality in any bid.

EUGENE W. SMITH,
City Clerk.

NOTICE TO CONTRACTORS

(Tennis Court—San Rafael)

Bids will be received by the Board of Education, City of San Rafael, for grading, draining and improving the grounds of the West End Primary School and for constructing and fencing a tennis court on the grounds of said school.

Bids shall be entered in accordance with plans and specifications on file with the Secretary of the Board and in the office of C. H. Towle, Engineer, Cheda Building, San Rafael.

All bids shall be entered **on, or before, 8 P. M., July 3, 1924,** addressed to to the Secretary of the Board of Education and accompanied by a certified check payable to Oliver R. Hartzell, Secretary for not less than 10 per cent of the amount bid.

Dated June 18, 1924.

OLIVER R. HARTZELL,
Secretary Board of Education, City of San Rafael

NOTICE TO CONTRACTORS

(Storehouse, Marine Corps, San Francisco—Specification 5000)

The Bureau invites your attention to the fact that it will open proposals, July 23, 1924, on the project mentioned above. The work will consist of a three-story building having concrete foundations; steel frame; concrete floors; wood roof sheathing; built-up roofing; brick curtain walls; concrete, terra cotta and cement mortar partitions; stucco and plaster work; slate wainscots and partitions; wood doors; metal covered doors; steel sash; rolling lift doors; steel stairs; freight elevators; sprinkler system with wood tanks; gasoline tank and pump; and complete plumbing, electric light and power, and heating systems. Alternative proposals will be considered under reinforced concrete frame.

In the event that this work is of interest to your firm, you should forward immediately to the Bureau or to the Commandant, Twelfth Naval District, San Francisco, Calif., a check or postal money order for $20, payable to the Chief of the Bureau of Yards and Docks, as security for the safe return of the drawings and specifications, which will be forwarded as soon as available.

Prospective bidders on the West Coast should make application at the Twelfth Naval District for the bidding data.

Respectfully,
R. J. POTBURY,
By direction of Chief of Bureau.

NOTICE TO CONTRACTORS

(South San Joaquin Irrigation Dist.)

NOTICE IS HEREBY GIVEN that sealed proposals or bids will be received by the Board of Directors of the South San Joaquin Irrigation District, at their office in the City of Manteca, County of San Joaquin, State of California, **up to the hour of 11 o'clock A. M., on Tuesday, the 15th day of July, 1924,** for the placing of concrete lining on certain portions of the Canals of said District.

This work is located on Laterals Q, R, T, Ta, Tb, V, W, and X of said District and comprises grading and shaping for and pouring 3,000,000 square feet more or less, of Concrete lining (the District to furnish cement only f. o. b., cars at railroad switch convenient to location of said work, the Contractor to furnish all other materials necessary for said work.)

Copies of Specifications, General Plans and Forms of Bids may be seen and further information obtained at the office of the Board of Directors of said District.

Each bidder will be required to deposit with his proposal in the office of said Directors (as security for the execution by him (if his bid is accepted) of the Contract and the giving by him of the required bonds within fifteen days after due notice of the acceptance of his bid) a certified check payable to

QUANTITY SURVEYOR
Valuation Engineer
ARTHUR PRIDDLE
693 Mission Street, at Third St.
San Francisco, Calif.
Telephone Douglas 8-4-9-3
General Listing Bureau
Architect's Preliminary Estimates

D. O. Castle, President of the South San Joaquin Irrigation District, for an amount equal to 10 per cent of the estimated proposed contract price.

The bidder to whom the contract is awarded will be required to give an approved bond, with two approved sureties or of an approved Surety Company for 25 per cent of his contract conditioned for the faithful performance and completion of the contract, in addition to the bond required by the general law.

Work shall be done under the direction and to the satisfaction of the Engineer of said District and approved by the Board of Directors.

Contract will be awarded to the lowest responsible bidder, or if considered by the Directors for the interest of the District, any and all bids may be rejected.

The contract must be completed within the time specified in the plans and Specifications.

Done by the order of the Board of Directors of the South San Joaquin Irrigation District this 17th day of June, 1924.

D. O. CASTLE,
President.
S. L. STEELE,
Secretary of the South San Joaquin Irrigation District.
(SEAL)

BIDS WANTED FOR STOCKTON MEMORIAL CIVIC AUDITORIUM

(AMENDED SPECIFICATIONS)

Sealed bids will be received at the office of the City Clerk of the City of Stockton in the annex to the "Hotel Stockton," northeast corner of El Dorado Street and Weber Avenue, **up to 8:00 P. M., on the 9th day of July, 1924,** for labor and materials for the furnishing and erection of a Memorial Civic Auditorium, to be built on Block No. 28, West of Center Street in the City of Stockton, State of California.

Bids on the building will be segregated as follows:

(1) For all the structural steel erected in the building.

(2) General contract for all work except the structural steel, plumbing, heating and ventilation, and the electrical work.

(3) Plumbing, heating and ventilation.

(4) Electrical work.

Plans and Specifications as amended may be seen at the office of Glenn Allen, No. 41 South Sutter Street, or Wright & Satterlee, Bank of Italy Building, Stockton, California, upon deposit of Fifty Dollars ($50.00) for one (1) divisional set.

Deposit will be refunded upon the return of the Plans and Specifications upon the date specified, accompanied by a bona fide bid and certified check, in the amount hereinafter provided for.

Upon receipt of Plans and Specifications, as amended, contractor shall immediately examine and determine if they wish to bid. If not, the Plans and Specifications, as amended, must be returned to the architects within five (5) days of receipt of same. Contractor not returning Plans and specifications within this time or putting in a bona fide bid, accompanied by certified check, will forfeit his deposit on Plans and Specifications.

All bids to be upon forms furnished by the architects and all bids must be accompanied by a certified check in the amount of ten per cent (10%) of the amount of the aggregate bid, made payable to the City Auditor of the City of Stockton, (bidders bond will not be accepted) to secure the execution of the contract and bonds of the successful bidder.

The City Council reserves the right to reject any or all bids.

Dated: June 23rd, 1924.

A. L. BANKS,
City Clerk of the City of Stockton.
(June 26-27-28-30 July 1-2)

ADDENDUM BY CITY CLERK

(Not part of official call)

It is suggested that bidders endorse on envelopes or containers of tenders, their names and addresses; together with a clear notation that the same is a bid.

A. L. BANKS,
City Clerk of the City of Stockton.

STATE OF CALIFORNIA CALIFORNIA HIGHWAY COMMISSION

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of **the California Highway Commission, 515 Forum Building, Sacramento, Cal., until 2 o'clock P. M. on June 30, 1924,** at which time they will be publicly opened and read, for the construction, in accordance with the specifications therefor, to which special reference is made of portions of State Highway, as follows:

Humboldt County, between Eureka and Arcata (1-Hum.-1-G&H), about six and five-tenths (6.5) miles in length, to be paved with Portland cement concrete.

Nevada County, a bridge 398 feet long and 21 feet wide across Truckee River and the Southern Pacific Railroad tracks about one mile north of Polaris (III-Nev-38-A), consisting of one 160 foot reinforced concrete arch span four 30 foot, one 38 foot and one 59 foot reinforced concrete girder spans.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the said office and they may be seen at the offices of the Division Engineers at Los Angeles and San Francisco, and at the office of the Division Engineer of the division in which the work is situated. The Division Engineers' offices are located at Willits, Dunsmuir, Sacramento, San Francisco, San Luis Obispo, Fresno, Los Angeles, San Bernardino and Bishop.

A representative from the Division office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character and quantity of work to be done, with a representative of the Commission. It is requested that arrangements for joint field inspection be made as far in advance as possible. Detailed information concerning the proposed work may be obtained from the Division office.

No bid will be received unless it is made on a blank form furnished by the Commission. The special attention of prospective bidders is called to the "Notice to Contractors" annexed to the blank form of proposal, for full directions as to bidding, quantities of work to be done, etc.

The California Highway Commission reserves the right to reject any or all bids or to accept the bid deemed for the best interests of the State.

HARVEY M. TOY,
LOUIS EVERDING,
N. T. EDWARDS,
California Highway Commission.
R. M. MORTON,
State Highway Engineer.
W. F. MIXON, Secretary.
Dated: June 2 ,1924.

NOTICE TO CONTRACTORS

(Heating System—Kern County Union High School District)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Trustees, Kern County Union High School District, Bakersfield, California, **up to 8 P. M. of July 7th, 1924,** for furnishing all materials and labor necessary for the erection and completion of all additions and alterations to the Central Heating Plant of the Kern County Union High School in accordance with plans and specifications on file with the Clerk of said Board and open for the inspection of bidders. Copies of said plans and specifications may be had upon deposit of $10.00 at the office of Charles H. Biggar, Architect, 405 Bank of Italy Building, Bakersfield, California, and the work will be done under his supervision. Deposit will be returned upon receipt of plans and specifications in good condition at time specified.

Bids will be received for the work as a whole, only.

Bid must be accompanied by a cashier's or certified check or bidder's bond in the amount of at least ten per cent (10%) of the amount of bid, such check or bond to be made payable to the Board of Trustees, Kern County Union High School District, and submitted as a guarantee that the bidder, if successful, will enter into a contract satisfactory to said Board of Trustees, and in addition thereto will furnish good and sufficient bonds therefor.

The Board reserves the right to reject any or all bids not deemed advantageous to the said Kern County Union High School District, and to waive any informality in any bid received.

By order of the Board of Trustees, Kern County Union High School District, made June 2nd, 1924.

W. J. WALTERS, President.
ROYCE R. FITZGERLAD, Clerk.

NOTICE TO CONTRACTORS

(Light Fixtures—Kern County Union High School District)

Notice is hereby given that sealed bids will be received by the Clerk of the Board of Trustees, Kern County Union High School District, Bakersfield, California, **up to 8 P. M., of July 7th, 1924,** for furnishing and the installation of light fixtures in the Shops Building, Kern County Union High School, in accordance with specifications for same on file with the Clerk of said Board and open for the inspection of bidders. Copies of said specifications may be had at the office of Charles H. Biggar, Architect, 405 Bank of Italy Building, Bakersfield, California, and the work will be done under his supervision.

Bids must be accompanied by a cashier's or certified check or bidder's bond in the amount of at least ten per cent (10%) of the amount bid, such check or bond to be made payable to the Board of Trustees, Kern County Union High School District, and submitted as a guarantee that the bidder, if successful, will enter into a contract satisfactory to said Board of Trustees, and in addition thereto will furnish good and sufficient bonds therefor.

The Board reserves the right to reject any or all bids not deemed advantageous to the said Kern County Union High School District, and to waive any informality in any bid received.

By order of the Board of Trustees, Kern County Union High School District, made June 2nd, 1924.

W. J. WALTERS,
President.
BOYCE R. FITZGERALD,
Clerk.

NOTICE TO BIDDERS

(Butte Valley Irrigation District)

Notice is hereby given that sealed proposals will be received at the Office of the Butte Valley Irrigation District, Macdoel, California, **until 2 o'clock P. M., July 3rd, 1924,** and then and there publicly opened and read, for the construction of the Canals, Flume, Pipe Line and Regulation Works, of the Bear Creek Diversion of the Butte Valley Irrigation District.

This work requires the excavation of approximately 20,000 cu. yds. of Loose Rock and Earth, and 10,000 cu. yds. of solid Rock. Also furnishing and placing of 400 lineal feet of 61.12 inches Diameter Metal Flume and 1600 feet of Continuous Wood Stave 32 inch diameter, or 1600 feet of Electrically welded Steel Pipe 34 inch diameter.

All in accordance with plans and specifications on file, and available for examination, in the Office at the Butte Valley Irrigation District, Macdoel, California.

Bids will be awarded to the lowest responsible bidder. The Board reserves the right to reject any or all bids, to award bids on single schedules or combination of schedules, as the Board may determine to be for the best interest of the District.

Each proposal must be accompanied by a certified check amounting to 5 per cent of any and all schedules upon which a bid is placed, said check made payable to the Secretary of the Butte Valley Irrigation District, as a Warranty that the bidder, if successful, will promptly execute a satisfactory contract and furnish a good and sufficient bond for the faithful performance of the work.

Dated this 6th day of June, 1924.

E. O. BISSELL,
Secretary, Butte Valley Irrigation District.

Engineering News Section

BRIDGES

DEL NORTE COUNTY, Cal.—F. Rolandi, 550 Montgomery St., San Francisco, at $391,740 awarded cont. by State Highway Commission to constr. bridge over Klamath river, near Requa, Del Norte county, consisting of five 210-ft. conc. arch spans and two 50-ft. conc. approach spans. Engineer's estimate, $422,469. Low bid was submitted by H. E. Doring, Portland, Ore., at $354,685.

SAN DIEGO, Cal.—San Diego Elec. Ry. Co. plans to const. overhead pedestrian crossing at Mission Beach terminal over railway tracks. The viaduct will connect the main portion of town with amusement section on beach.

YUBA CITY, Sutter Co., Cal.—County Surveyor Wm. Shearer instructed to prepare spec. for repairs to Long Bridge. Bids will probably be asked at July session of supervisors.

YUBA CITY, Sutter Co, Cal.—County Surveyor Wm. Shearer instructed to prepare modified plans for proposed Nicolaus Causeway, extending from end of proposed causeway across borrow pit to high land east thereof, span to be approx. 350 ft. in length.

PORTLAND, Ore. — Six proposals were received by the U. S. Bureau of public roads June 20th for the erection of a concrete arch span on the middle section of the Mt. Hood Loop National Forest road project, as follows:

Sam Boudrye, Lewiston	$15,739.00
David Eaton, Portland	15,993.72
Geo. F. Reaves	16,175.00
J. W. Sadler, Portland	17,384.00
Luce & Feak, Walnga	18,388.00
Lindstrom & Feigenson	19,652.20

SAN JOSE, Santa Clara Co., Cal. — Davison and Nicolsen, 180 Jessie Street, San Francisco, submitted lowest bid at $36,282 to City Council of San Jose, to const. reinf. conc. bridge across Guadalupe River. The same firm submitted bid at $29,418 to const. bridge across Los Gatos Creek in Santa Clara St. These bids were taken under advisement. All other bids were rejected, there being about 16. Wm. Popp is city engineer.

LOS ANGELES, Cal.—Hogan Constr. Co., 6106 S. Central Ave., submitted low bid to Los Angeles Board of Public Works June 23 at $25,500 for constructing a reinforced concrete bridge across the Pacoima Wash on San Fernando Road, involving (1) removing existing bridge at $400, lump sum; (2) all arch centers, at $3418, lump sum; (3) 16,000 lbs. steel rods in place, $3025, lump sum; (4) 612 cu. yds. A concr. at $14.60 yd.; (5) 88 cu. yds. C concr. at $12 yd.; (6) 685 cu. yds. D concr. at $11 yd.; (7) 1050 cu. yds. earth fill, 50c yd.; (8) curb and walk in place, $600, lump sum. Other bids were:

Robert Beyrle—(1) $1800; (2) $6100; (3) $2500; (4) $9; (5) $12; (6) $12; (7) 75c; (8) $300; total, $26,271.

McKay Engineering Co.—(1) $965; (2) $2790; (3) $3000; (4) $15; (5) $15; (6) $15; (7) 56c; (8) $368; total, $29,403.

deWaard & Sons—(1) $1200; (2) $3600; (3) $3000; (4) $14; (5) $16; (6) $15; (7) 80c; (8) $590; total, $29,796.

Bid of Frank H. Greene not declared—no affidavit.

DEL NORTE CO., Cal.—F. Rolandi, 550 Montgomery St., San Francisco, has been awarded contract at $391,740 by State Highway Comm., Forum Bldg., Sacramento, to const. bridge over Klamath River near Requa, Del Norte county, consisting of five 210-ft. conc. arch spans and two 50-ft. conc. approach spans.

VALLEJO, Solano Co., Cal.—An application has been made to the War Department office by the Russ Investment Company of Eureka, California, for a permit to build a bridge across Devils Creek, three-quarters of a mile above its mouth, and about 7 miles from Vallejo, California. A map showing the proposed work may be seen at room 412, Custom House, San Francisco, California.

FRESNO, Fresno Co., Cal.—Supervisors will provide funds in 1924-25 budget to finance construction of Kingsburg canal bridge and Fowler Switch canal bridge, both on Trimmer Springs road. Chris. P. Jensen, county surveyor

DREDGING, HARBOR WORKS AND EXCAVATIONS

LOS ANGELES, Cal.—Until 2.30 p. m. July 11 bids will be rec. by harbor commission, 312 Byrne Bldg., for dredging in slip at berth 228, under spec. 609. J. G. Starr, secretary.

IRRIGATION PROJECTS

EL CENTRO, Cal.—Until 10 a. m., July 8, bids will be rec. by the Imperial Irrigation Dist., Masonic Bldg., El Centro, to const. main outlets ci proposed drainage works. Plans at office of dist. Cert. check 10%. F. H. McIver, secy.

BURBANK, Cal. — See "Streets and Sewers," this issue. Award of contract to Geo. A. Simpson.

MANTECA, San Joaquin Co., Cal. — Until July 15, 11 a. m., bids will be rec. by S. L. Steele, secy. South San Joaquin Irrigation District, for concrete lining portions of certain canals in district involv. grading and shaping for and pouring 3,000,000 sq. ft. conc. lining, the district to furnish cement, f. o. b. at r.r. switch convenient to location of work. Cert. check 10% payable to secy req. with bid. **See call for bids under official proposal section in this issue.**

LIGHTING SYSTEMS

LOS ANGELES, Cal.—Council declares inten. to const. ornam. lighting systems in: Washington St., bet. Vermont Ave. and Hobart Blvd., involving 74 c. l. ornam. posts, complete, and Washington St., bet. 8th Ave. and Rimpau Blvd, involv. 92 c.i. ornam. posts, complete. 1911 Act.

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LOS ANGELES, Cal. — Osborn Elec. Co., 450 California Terrace, Pasadena, submitted low bid to board of public works June 23 at $176,298 for construction ornam. lighting system complete in Vermont Ave., bet. Washington St. and 104 ft. s of 58th St., involving 344 pressed steel posts. Other bids were: J. C. Rendler, Inc., $177,333; R. A. Wattson, $179,332; Elec. Lighting Supply Co., $181,452; H. H. Walker, $181,494; A. C. Rice, $183,731; Newbery Elec Corp., $183,842; C. W. Sparks, $184,211.

LOS ANGELES, Cal.—J. C. Rendler, Inc., 625 S Main St., submitted low bid to board of public works June 23 at $82,666 for constructing ornam. lighting system complete in Vermont Ave., bet. Middlebury St. and San Marino St., involving 156 pressed steel poste. Other bids were: Osborn Elec. Co., $83,255; A. C. Rice, $83,891; Elec. Lighting Supply Co., $84,250; H. H. Walker, $84,732; R. T. Wattson, $84,865; C. W. Sparks, $86,167; Newbery Elec. Co. $87,512; H. C. Reid & Co., $91,500.

SANTA MONICA, Cal.—Council declares inten. to const. ornam. lighting system in California Ave., bet. Ocean Ave. and 7th St., involv. conc. posts, conduits, ets.; 1911 act. Howard B. Carter, city engineer.

LOS ANGELES, Cal.—Council declares inten. to const. ornam. lighting system in Sunset Blvd. bet. N Broadway and 120 ft. w of Sanborn Ave., involv. 340 pressed steel posts, complete; 1911 act.

MACHINERY & EQUIPMENT

HANFORD, Kings Co., Cal.—Laton Joint Grammar School District will ask bids shortly to fur. school bus for transportation of pupils; est. cost $3500

SEBASTOPOL, Sonoma Co., Cal.—Until July 8, 5 p. m., bids will be rec. by William N. Shalley, clerk, Analy Union High School District, to fur. two motor busses for transportation of pupils. Spec. and further information obtainable from clerk.

RAILROADS

MERCED, Merced Co., Cal.—Bid of F. Rolandi, 550 Montgomery St., San Francisco, at approx. $1,447,681 for relocation of 16.79 mi. of railroad in connection with Merced Irrigation District project, has been taken under advisement and all other bids rejected. No action will be taken in awarding a contract until bonds to finance the work have been sold. R. V. Meikle is ch. eng. for dist.

FRESNO, Fresno Co., Cal.—Southern Pacific Co. applies to city commission for franchise to extend spur track from N st. for a distance of 4 blocks southwest of Los Angeles. Referred to City Engineering Dept. for report. Wm. Stranahan, city eng.

STOCKTON, San Joaquin Co., Cal.—Southern Pacific Co., 65 Market St., San Francisco, has purchased lands in the vicinity of Stockton and will establish new commercial yards, spending approximately $500,000 in the work. Construction will not be started before January of 1925. G. E. Gaylord is supt. of the Stockton division.

FIRE ALARM SYSTEMS

GLENDALE, Cal.—City council plans installation of complete fire alarm system. A. H. Lankard is fire chief and V. B. Stone, city manager.

FIRE EQUIPMENT

MERCED, Merced Co., Cal.—Fire Department requests city trustees to call election to vote bonds of $16,000 to purchase additional fire engine and equipment, to serve as reserve emergency equipment.

SAN GABRIEL, Cal.—Until 7:30 p. m. July 8, bids will be rec. by city trustees for 1000 ft. 2½-in. cotton double jacket, rubber lined fire hose of the "Bi-lateral" type or brand, or its equivalent, f. o. b. San Gabriel. Samples to be submitted. Cert. check 10%. Ira H. Stouffer, city clerk.

RESERVOIRS AND DAMS

MERCED, Merced Co., Cal.—Bid of Bent Bros., 1714 Eagle St., Los Angeles, to const. Exchequer Dam and Power House for Merced Irrigation District has been taken under advisement and all other bids rejected. No action will be taken in awarding a contract until bonds to finance the work have been sold. R. V. Meikle, ch. eng. for dist.

SAN RAFAEL, Marin Co., Cal. — Robinson Robert Co., awarded supervisory cont. by directors of Marin Municipal Water District to raise Alpine dam, 8-ft. and perform necessary work installing spillway gates, etc, the work to be completed in 90 days. The contract will run about $57,316.91, allowing $46,916.91 for work and $13,400 for gates. The additional 8-ft. will increase capacity of dam about 500 million gallons.

LOS ANGELES, Cal.—County supervisors will call bids about July 8 to const. $1,720,000 Pacoima dam. Bonds have been voted to finance the work.

PIPE LINES, WELLS, ETC.

SAN BERNARDINO, San Bernardino Co., Cal.—Until 7:30 p. m., July 1 bids will be rec. by board of water commissioners for the following: 6000 ft. 6-in. and 12,000 ft. 4-in. O. D. lap-welded steel water pipe with bell and spigot ends for lead joints, with dipped coating. Cert. check or bond 10%. John H. Osborn, city clerk.

LOS ANGELES, Cal. — Bids rec. by public service comm. June 20 for cast iron pipe under spec. 716-D for approx. 8568 tons pipe were (according to the checks or bonds offered): American Cast Iron Pipe Co., $550,000; U. S. Cast Iron Pipe Co., $580,000; Pac. Pipe & Supply Co., $540,000. The detailed bids will be given later.

SEWAGE DISPOSAL PLANTS

TO BOND

REEDLEY, Fresno Co., Cal.—Election will be held July 22 to vote bond of $130,000 to finance construction of sewage system.

MISCELLANEOUS CONSTRUCTION

LONG BEACH, L. A. Co., Cal.—City Manager Windham, city hall, Long Beach, has been authorized to call for bids for erecting the first unit of a garbage incinerator plant n of 15th St. e of the flood control channel, Long Beach. Plans by the city engineer's office. Bonds for $125,000 have been voted.

WATER WORKS

UKIAH, Mendocino Co., Cal. — City trustees will purchase pump for installation at municipal water plant:

MARYSVILLE, Yuba Co., Cal.—Following bids rejected by city council to install Ellis Lake pumping plant:

Byron Jackson Pump Co., San Francisco—1050 gallons per minute, head 50 ft., $1400.

Sterling Pump Works, Stockton, 1050 gallons, head 50 ft., less wiring, $1072.

R. D. Pelton & Son, Marysville, 1050 gallons, head 45 ft., $1350; 900 gallons, head 50 ft., $1315; 1300 gallons, 50 ft. head, 1321.80; 1100 gallons, head 70 ft. $1321.90; 1350 gallons, head 50 ft. $1486.

Roberts Engineering Co., Marysville, 1250 gallons, head 50 ft., $1920.

GLENDALE, Cal. — Council declares inten. to const. 8-in. class B cast iron water pipe in Adams St., and a portion of Palmer St., bet. west line of lot 5, Tr. 4716 and 384 ft. s from s line of Acacia St.; also the construction of a 12-in. pipe line in Adams St., bet. 384 ft. s of Acacia Ave and s line of Colorado St., together with other work described in above named resolution of inten; 1911 act and 1915 bond imp. act. A. J. Van Wie, city clerk. Ben F. Dupuy city engineer.

MONTECITO, Santa Barbara Co., Cal. —The Montecito Water Dist. has purchased property for a south portal of a tunnel to be constructed to the Mono Creek source of water supply. An election will be held shortly to secure funds for the construction of this tunnel. This will be in addition to the $800,000 bond issue voted some time ago for water mains and other extensions to provide a water supply for this dist.

OXNARD, Cal.—Fairbanks, Morse & Co. awarded cont. at $4501 for fur. two centrifugal pumps for Oxnard waterworks. Frank J. Kimball Co. was awarded contr. at $2785 for fur. two deep well pumps. S. G. Bennett, city engineer.

PLAYGROUNDS AND PARKS

SAN RAFAEL, Marin Co., Cal.—Until July 3, 8 P. M., bids will be rec. by Oliver R. Hartzell, secretary, Board of Education, to grade, drain and improve grounds of West End Primary school and to const. and fence a tennis court. Cert. check 10% payable to Sect'y. req. Plans obtainable from C. H. Towle, engineer, Cheda Bldg., San Rafael.

RICHMOND, Contra Costa Co., Cal.—MacRorie and McLaren, San Francisco landscape engineers, commissioned by city council to prepare specifications for proposed Memorial Park.

SAN RAFAEL, Marin Co., Cal.—Wm. Kent and others have organized a syndicate and purchased a portion of the Jory Ranch at the summit of Fairfax Grade and plans to erect a large hotel and establish an 18-hole golf course. The hotel will cost approximately $100,000 Mr. Leonard of the Palace Hotel, San Francisco, is reported to be interested in the syndicate.

SEWERS & STREET WORK

SAN DIEGO, Cal.—Until 11 a. m. July 7, bids will be rec. by supervisore to imp. portion of San Luis Rey Rd. No. 2, 3.37 mi., and imp. Highland Ave., from county highway commission road to n city limits of National City, 8206 lin. ft Bids will be taken on 4 alternate types of pavement, incl. Willite and Warrenite pavements. Cert. check 5%. Plans are on file at office of Ernest R. Childs, county surveyor. J. B. McLees, clerk.

SAN JOSE, Santa Clara Co., Cal. — City Council, J. J. Lynch, Clerk, declares inten. to imp. West Virginia St. from First to Locust St., involv. grade and pave with 1½-in. Warrenite-Bitulithic wearing surface on 3-in. Bituminous concrete foundation, hyd. cem. conc. curbs, gutters, and storm water inlets, vit. pipe drains, etc. 1911 Act and Bond Act 1915. Protests July 7, 1924, 8 p. m.

MARTINEZ, Contra Costa Co., Cal.—Bids will be rec. until July 21, 1924, 11 a. m., by Board of Sup. of Contra Costa Co. to const. Div. No. 38 of County Highway, which road is known as Lone Tree Road, in Eastern Contra Costa County, a distance of 7900 feet.
R. R. Arnold, County Surveyor, J. H. Wells, Clerk.

SAN JOSE, Santa Clara Co., Cal. — City Council, J. J. Lynch, Clerk, declares inten. to imp. Spencer St. (formerly Marliere St.) bet. San Fernando and Grant Sts., involv. grade and pave with 1½-in. Warrenite-Bitulithic wearing surface on 3-in. Bituminous concrete foundation, hyd. cem .concrete curbs and gutters, storm water inlets, vit. pipe drains etc. 1911 Act and Bond Act 1915. Protests July 7, 1924, 8 p. m.

SANTA CRUZ, Santa Cruz Co., Cal.—Until July 3, 1924, 9 a. m., bids will be rec. by S. A. Evans, Clerk of City of Santa Cruz, to imp. portions of Pacheco Ave., with conc. curbs, conc. pavement, grading, sewer drains, laterals etc.

SANTA CRUZ, Santa Cruz Co., Cal. — B. Ray Greenfield, of Santa Cruz, awarded contract at $1,-79.28 by City Council of Santa Cruz to improve portion of Raymond St., involv. grade and pave with 5-in. conc; const. 4-in. vit. sewer laterals.

KELSO, Wash.—Sealed bids will be received by City Clerk of City of Kelso, Wash., until 8 p. m. July 1, 1924, for grading, graveling, constructing cem. concrete sidewalks and draining, in Local Improvement District No. 64, in accordance with the plans and specifications on file with A. J. Branscom, city clerk.

The work consists of 2450 cu. yds. excavation, 1100 cu. yds. gravel surfacing, 23,910 sq. ft. cement concrete sidewalks, together with drainage, crosswalks, etc.

SACRAMENTO, Sacramento Co., Cal. —The following contracts have been awarded by the City Council of Sacramento, for street imp. as follows; 12th Ave. F 40th Street to west 470 ft. to J. W. Terrell, 1111 29th St., Sacramento under Res. of Inten. No. 1893.

Imp. Y St. from 9th St. to 21st St.; Riverside Blvd. from Yale to pt. 300 so. from Y St. and 13th, St. from "Y" to alley bet. X and Y sts., to Clark and Henery Const. Co., Ochsner Bldg., Sacramento.

Imp. Serra Way from 34th St. to alley first east of 34th St. to A. Teichert & Son, 1846 37th St., Sacramento.

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ASTORIA, Ore.—See "Factories and Warehouses," this issue.

LOS ANGELES, Cal.—Wells & Bressler, 3 Calif. Bank Bldg, Santa Ana, submitted low bid to L. A. county supervisors June 23, at $252,455.86 for improving Washington Blvd., bet. Culver City and Venice, 12,955 ft. or 2.45 mi. under county Imp. No. 45, involving 33,080 cu. yds. excav at 85c yd; 57,594 sq. yds. sub-base at 25c yd; 86,382 sq. yds. conc. paving at $2.43 yd. Other bids were:

Griffith Co.—90c excav; 32c sub-base $2.43 paving.

Geo. H. Oswald—$1.10 excav; 30c sub-base; $2.45 paving.

Ed Johnson & Sons—92c excav; 28c sub-base; $2.65 paving.

Hall-Johnson Co.—$1.10 excav; 40c sub-base; $2.70 paving.

Geo. R. Curtis Paving Co, Inc. — 95c excav; 40c sub-base; $2.56 paving.

W. D. McCray—90c excav; 35c sub-base; $2.70 paving.

SAN JOSE, Santa Clara Co., Cal.—City Council has ordered the following Improvement of Minor Ave. between Auzerais avenue and William streets. Wm. Popp is city clerk.

SACRAMENTO, Cal.—Plans and specifications for the paving and graveling of roads presented to the board of supervisors by County Engineer Charles Deterding, Jr. were passed and bids ordered.

Deterding estimates the paving of Sutter Avenue for a distance of 5530 feet will cost $11,000; the grading of the county road from Fetters corner to Greenback Lane for three miles, $2500; the paving of Florin Road for a distance of 5523 feet, $11,000; the repairing of the Sherman Island cross road, $1600, and the graveling of the Golden State Cannery road on lower Andrus Island, $3000.

CARSON, City, Nevada—Bids will be called for shortly by the Nevada State Highway Department, for the following improvements: Grading 5.89 mi. 2 miles east of Verdi to California line in Washoe Co; concrete and gravel surfacing 1.27 mi. in City of Ely, White Pine Co., and surfacing with gravel 9.63 mi., in Yerington, east, in Lyon Co. Geo. W. Borden is state highway engineer.

SACRAMENTO, Sacramento Co., Cal.—Until July 3, 1924 bet. 8 and 9 P. M. bids will be rec. by H. G. Denton, City Clerk of Sacramento to imp. 50th St. fm. "J" St. to Alley first north of "J" St. under Resolution of Inten. No. 1904.

OAKLAND, Alameda Co., Cal.—Bids will be received until July 3, 1924 bet. 11 a. m. and 12 noon, by Eugene K. Sturgis, City Clerk of Oakland, for cem sidewalks to be constructed on north side E-31st St, in the vicinity of Bruce and Stuart streets. On east and west sides of Bruce St., near E-32nd St. On east side of Atwell Ave. in vicinity of Bona St. Engineer's estimate $422,469.

BAKERSFIELD, Kern Co., Cal.—The Board of Sup. of Kern County will hear protests on July 7, 1924 10 a. m., on proposed road No. 628, beginning at the NE corner of Sec. 26, T31S, R27E, MDE&M, south along sec. lines two miles to the SE cor. of Sec. 35 of said township.

SACRAMENTO, Sacramento Co., Cal.—Bids will be rec. until July 3, 1924 bet. 8 and 9 P. M. by H. G. Denton, City Clerk of Sacramento, for imp. 48th St. fm. "J" St. to 548 I. ft. north, under Resolution of Inten. No. 1905.

SANTA ROSA, Sonoma Co., Cal. — City Council has passed Resolution of Inten. to imp. Sonoma Ave., from south E St. to existing bridge across Santa Rosa Creek by grading, excav., paving with 5 inc. Port. cem. conc. Act 1911. Protests hearing July 15, 1924, 8 p. m.

SACRAMENTO, Sacramento Co., Cal.—City council has passed Resolution of intention to imp. alley between O and P Sts. from 29th to 30th St by extend. service, constr. conc. catch basins grading, pave with 5-in. hyd. conc. etc. 1911 Act. H. G. Denton is city clerk.

SACRAMENTO, Sacramento Co., Cal.—City Council has passed Resolution of Inten. to imp. alley bet. G and H Sts. from 17th to 18th sts. by grading, paving with 5-in. hyd. conc., concrete catchbasins, sewer connections, etc. 1911 Act. H. G. Denton is city clerk.

SANTA BARBARA, Santa Barbara Co., Cal.—Charles W. Wimmer, 818 O St., Bakersfield, submitted low bid to county supervisors at $283,360 for constructing 25 mi. macad roadway in the Santa Ynez Valley road dist. Other bids were: Blumenkranz & Vernon, of Stockton, $296,450; A. J. Grier, 480 Chetwood, Oakland, $298,690. Mr. Wimmer's bid was accompanied by a draft for 10%; the second bid by a bond for 10%, and Mr. Grier's bid by cert. check for 10%. It is claimed that the two lowest bids should be thrown out, as they were not accompanied by cert. checks as provided by the notice for bids. The dist. atty. ruled that the board would be within its right in rejecting the two lowest bids and awarding the contract to Grier. The board will settle the question at once as it is desired to start work so as to complete the work in 8 mos. Local labor is to be employed.

LOS ANGELES, Cal.—Ord. of Inten. adopted by city council June 11 to improve under 1911 act the following sts:

Alley s.w. of 32nd St., bet. Royal St. and first alley n.w. from Royal St., involving grading, cem. conc. paving, curb, walk.

Figueroa St., bet. 101st St. and 135 ft. s. involving cem. conc. pavement, curb, walk, cem. pipe house sewers, bitum. base pavement.

Alley w of Menlo Ave., bet. 43rd St. and Vernon Ave., involving grading, cem. conc. pavement, walk, curb.

Norumberga Ct., bet. 39th St. and 39th Pl., involving cem. conc. pavement remod. oiled surface, etc.

Alley s.e. from Idell St., bet. Ave. 28 and Ave. 26, involving grading, cem. conc. pavement.

ALAMEDA, Alameda Co., Cal.—Until July 15, 8 p. m., bids will be rec. by W. E. Varcoe, city clerk, to imp. Bay Island Ave., bet. Park St. and Park Ave., involv. grading; const. conc. curbs, gutters and gutter bridges; sidewalks and corru iron culverts and pave with 6-in. oiled macadam. Cert. check 10% payable to city req. Plans on file in office of clerk.

TAFT, Kern Co., Cal.—Until 8 p. m., July 7, bids will be rec. by city trustees for grading and rolling a portion of North St., bet. Sixth and Eighth Sts. Plans and spec. are on file at the office of the city clerk. Plans may be obtained upon deposit of $5. Cert. check or bond 10%. C. A. Page, clerk.

SACRAMENTO, Cal—Clark & Henery Ochsner Bldg., Sacramento, submit lowest bid to Board of Sup., for paving concrete highway on 16th St., from Subway to 12th St., Rd., at 12.95c per sq. ft. Other bidders were: McGillivray Construction Company, 13.7c per sk. ft. and A. Teichert & Son, 13.5c per sq. ft.

LOS ANGELES, Cal.—G. T. McLain, 602 Hollywood Security Bldg., submitted low bid to supervisors at $10,197 to imp. Larch St., bet. Arbor Vitae St. and Hardy St. under County Imp. No. 77, .24 mi., involv. 1792 cu. yds. excav.; 2514 ft. curb; 10,058 sq. ft. walk; 5029 sq. yds. oil macad. pavement.

ALAMEDA, Alameda Co., Cal.—Until July 15, 8 p. m., bids will be rec. by W. E. Varcoe, city clerk, to imp. Fillmore St., bet. Mound and Court Sts., involv. grading; const. conc curbs, gutters and gutter bridges; corru. iron culverts and pave with 6-in. oiled macadam. Cert. check 10% payable to city req. Plans on file in office of clerk.

NEVADA & SIERRA COUNTIES, Cal.—State Highway Commission, R. M. Morton, engineer, has withdrawn call for bids to grade 4.3-mi. in Nevada and Sierra Counties, bet. Floriston and Nevada State Line. The bids were scheduled to be opened June 30.

PLACER COUNTY, Cal.—State Highway Commission, R. M. Morton, engineer, has withdrawn call for bits to grade 8.7-mi. in Placer county betw. Gold Run and Forebay. The bids were scheduled to be opened June 30.

OAKLAND, Cal.—Until July 3, 11 a. m., bids will be rec. by E. K. Sturgis, city clerk, to const. cem. walks in portions of Atwell Ave. 1911 Act. Cert. chk 10% payable to city req. W. W. Harmon, city engineer.

ALAMEDA, Alameda Co., Cal.—City council, W. E. Varcoe, clerk, declares inten. (No. 771) to imp. Stanford St., bet Buena Vista Ave. and Clement St., involv. grading; const. conc. curbs, gutters and gutter bridges; corru. iron culverts, pave with 6-in. oiled macadam 1911 Act. Protests July 15.

LOS ANGELES, Cal.—County supervisors start proceedings for R. D. I. No. 263—Garvey Ave., bet. New Ave. and Lexington-Gallatin Rd., 3.52 mi., involving 25,646 cu. yds. excav; 63,327 sq. yds. conc. pavement; 45,677 sq. yds. d.g. sub-base; two culverts; 18,580 lin. ft. shaping shoulders. County furnishes 17,222 bbls. cement; 7714 tons sand; 14,233 tons gravel; f. o. b. El Monte. Est. cont. price, $112,976.10. Average haul, 3 mi. from El Monte on the Pac. Elec. Ry.

OAKLAND, Cal.—Until July 3, 11 a. m, bids will be rec. by Eugene K. Sturgis, city clerk, to const. cem. walks in portions of E-31st and Bruce Sts., 1911 Act. Cert. check 10% payable to city req. W. W. Harmon, city engineer.

SAN ANSELMO, Marin Co., Cal.—trustees have started proceedings to extend Cedar St. to Tamalpais Ave. Town engineer instructed to prepare estimates of cost also to prepare plans to imp. Humboldt avenue, property owners having petitioned for the work. Arthur Studley, town clerk.

MONTEREY PARK, Cal.—Until 7:30 p. m., July 7, bids will be rec. by Arthur W. Langley, city clerk, to const. cem. conc. san. sewer, reinf. conc. pipe storm drain and appurtenances, lay c. i. water pipe, grade and pave with cem. conc; conc curb and culverts in Garvey Ave., bet. Wilson Ave. and east city limits; const. rein. conc. pipe storm drain and appurtenances in Orange Ave bet. Garvey Ave. and 45 ft. n of Newmark Ave.; in Newmark Ave., bet. Orange Grove and Pomelo Aves., and in Pomelo Ave., bet. Newmark Ave. and 800 ft. south. Work must be completed in 180 days. Cert. check or bond for 10% required.

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Building & Engineering News

CARSON CITY, Nevada—The following information on highway improvement is reported by Engineer George W. Borden of the Nevada State Highway Department.

Plans Complete

Gravel surface of 10.25 miles in Churchill Co., from Westgate to Eastgate.

Concrete and gravel 3.20 mi., in Clark Co., in City of Las Vegas.

Gravel surface of 8.09 mi., in Humboldt Co., Winnemucca to Button Point.

Concrete and steel undergrade crossing structure in Lyon Co.

Plans Being Prepared

Gravel surface of 10 mi. in across Mormon Mesa in Clark Co.

Concrete and gravel road in Washoe Co., from Sparks to Hafed, 7 mi.

Gravel surface of 18.2 mi. in Humboldt Co., from Golconda to Stonehouse.

Concrete and steel undergrade crossing structure in Humboldt Co.

Gravel surface of highway from Ely to McGill in White Pine Co.

Surveys Recently Completed

Paradise Summit to McDermitt in Humboldt County.

Lyon County line to Schurz in Mineral County.

Hafed to Derby in Washoe County.

Smith Corners to 5 mi. west of Wellington in Douglas and Lyon County.

Across Tonopah Township in Nye County.

Five mi. west of Wellington to near Carters Station in Douglas Co.

Over Montgomery Pass in Mineral County.

Lockes Ranch to Currant in Nye County.

Surveys Under Way

Dunphy to Elko County line via Emigrant Pass in Eureka County.

Hay Ranch to West County Line in Eureka County.

SOUTH SAN FRANCISCO, San Mateo Co., Cal.—City council plans to grade all alleys between Commercial and Baden Aves., and Baden and Grand Aves. Geo. A Kneese, Courthouse, Redwood City, city eng.

SAN MARINO, Cal.—Until 8 p. m., July 9, bids will be rec. by city trustees to imp. Monterey Rd, bet. Garfield and Oak Knoll Aves., grade; oil macad paving; cem. conc. curb, gutter; reinf. conc. culvert; 1911 act. H. W. Joyce, city clerk, Pasadena, R. F. D. 3, box 117 San Marino.

FRESNO, Fresno Co., Cal.—Thompson Bros., G and Divisadero Sts., Fresno, awarded cont. by council to const. sewers in Blocks 82 83 84 etc., Fairmont District, involv. 10,155 lin. ft. 6-in. vit. clay pipe lateral sewers, $.45; 30 manholes, $40; 42 lampholes, $12. Other bids were: G. H. Walley, $6890; W. J. Tobin, $8724; Merced Conc. Pipe Co., $8658. Taken under advisement.

WATTS, Cal.—Geo. H. Oswald, 366 E 58th St., Los Angeles, submitted low bid to city trustees to imp. N and S Compton Aves., involv. 343,952 sq. ft. pavement (5-in. conc. base, 1-in. asph. binder, and 2-in. std. asph. wearing surface) 34c ft.; 832 ft. curb 75c ft; 10,158 sq. ft. walk 23c ft; 21,490 sq. ft. rock and oil macad. 16c ft; culverts $4500.

SANTA ROSA, Sonoma Co., Cal. — Council, Vida McL Doggett, city clerk, declares inten. (No. 652) to imp. Sonoma Ave., bet. South E St. and bridge over Santa Rosa Creek; involv. grade and reshape present macadam base and pave with 5-in. Port. cem. conc. 1911 Act. Protests July 15.

SAN MARINO, Cal.—City trustees declare inten. to const. 8-in. vit. san. sewer lateral with manholes and wye branches in Orlando Rd. from main sewer in Rosalind Rd. to n boundary of the city of San Marino; 1911 act. H. W. Joyce, city clerk.

SAN RAFAEL, Marin Co., Cal.—As previously reported, bids will be rec. by Eugene W. Smith, city clerk, up to July 7, 8 p. m., to pave Irwin St., involving 32,700 sq. ft. 7-in. conc. pavement. Work to be completed by Aug. 15. Spec. obtainable from City Manager at city hall on deposit of $5, returnable. Cert. check 10% payable to city req. **See call for bids under official proposal section in this issue.**

BURBANK, Cal. — Geo. A. Simpson, Olsen Bldg., Burbank, only bidder at approx. $340,000 awarded cont. by city trustees to imp. Harvard Rd., Grinnell Dr., Fairmont Rd., and other sts., etc., (in Ben Mar Hills tract) involv. grading 50c lin. ft; culverts $2 ft; conc. curb 55c ft; walk 18½c sq. ft.; 6-in. conc. pavement 23c sq. ft.; oil macad. pavement 11¾c sq. ft. The work also includes a complete street lighting system.

INGLEWOOD, Cal. — J. L. McLain, 3452 W Slauson Ave., Los Angeles, awarded contr. by city trustees at $60,024 to imp. Hyde Park Blvd. and Field Ave., involv. 247,465 sq. ft. grading 3c ft; 243,146 sq. ft. 6-in. conc. pavement 20c ft; 225 ft. curb 60c ft; 1210 sq. ft. walk 19c ft; 207 pillow blocks 70c ea; 2279 sq. ft. oiling 5c ft; culverts complete $2500; 77 water services, $11 ea.

SAN RAFAEL, Marin Co., Cal. — Until July 3, 8 p. m., bids will be rec. by Oliver R. Hartzell, secy. Board of Education to grade, drain and improve grounds of West End Primary school and to const. and fence a tennis court. Cert check 10% payable to secy. req. Plans obtainable from C. H. Towle, engineer, Cheda Bldg., San Rafael.

SANTA ANA, Cal. — Steele Finley, Santa Ana, only bidder at $39,350 awarded cont. by city trustees to pave Oak St., Bishop St., Grant St., ets., involv. 136,333 sq. ft. 6-in. asph. conc. pavement 25c ft., 2342 ft. curb 55c ft; 2650 ft. 6-in. sewer 70c ft; 2000 ft. hse. laterals 60c ft.; 7 manholes $90 each; one flush tank $135; 3 lampholes $15 each.

SAN DIEGO, Cal.—Until 10 a. m. July 7, bids will be rec. by council to imp. Mission Blvd and portions of other sts. providing a paved road through to Mission Beach; will be 3 mi., of which 2.75 mi. is on Mission Blvd., of 5-in. cem. conc. pavement, laid on each side of San Diego Elec. Ry Co's double track line. The pavement will be 6 ft. wide on each side. Curbs along the tracks will be built by the railway company; inner curbs are already in.

CARMEL, Monterey Co., Cal. — City trustees approve spec. to imp. portions of Lincoln, Dolores, San Antonio, Casanova Aves., etc., involv. const. of vit. sewers, manholes, lampholes and wye branches; est. cost $50,000. H. D. Severance, city engineer.

NAPA, Napa Co., Cal.—Until July 8, 10 a. m., bids will be rec. by Jas. A. Daly, county clerk, to imp. portion of road bet. Calistoga and Murray Hill, 1.81 mi., and portion of county road from the Rutherford cross road to the Dinning bridge, .97 mi. Cert check 10% payable to Chairman of Bd. of Sups. req. Plans on file in office of clerk.

VENTURA, Cal.—Supervisors reject bids to imp. Wooley Rd. to Pacific Ocean, 14,830 lin. ft., involv. 5000 cu. yds. excav; 14,830 ft. shaping and railing; 238,000 sq. yds. 5-in. asph. mac. pavement; 2 cu. yds. conc; 40 ft. 18-in. conc. pipe; were rejected and the work will be done by the county. The bids were:

F. W. Nighbert—63c excav; 20c shaping; 12½c macad; $35 conc. (cu. yd.); $1.50 conc. pipe; total, $25,996.

Hall-Johnson Co. — 50c excav; 24c shaping; 15c macad; $20 conc.; $3 pipe; total, $41,919.20.

Blumenkranz & Vernon—90c excav; 20c shaping; 14.5c macad; $30 conc; $4 pipe; total, $42,196.

SANTA BARBARA, Cal.—O. F. Easley, 5825 Third Ave., Los Angeles, awarded contr. by Ole Hanson, subdivider of Ambassador tract, Santa Barbara, at about $60,000, to grade; conc. pave; curbs, walks and gutters. Owen H. O'Neill, 4 Howard Canfield Bldg., Santa Barbara, eng.

SAN FRANCISCO—Board of Public Works completes spec to imp. 25th St., bet. Rhode Island and Vermont Sts., involv. 400 cu. yds. cut; resetting 110 lin. ft. granite curb; const. 500 lin. ft. conc. curb; 1395 sq. ft. art. stone walks; 3 br. catchbasins; 90 lin. ft. 10-in. ironstone pipe culvert; 10,500 sq. ft. conc. pavement; 9124 sq. ft. asph. conc. pavement. Est. cost $7400.

RIVERSIDE, Cal.—Hall-Johnson Co., 1611 E 6th St., Los Angeles, awarded cont. by council at $12,487 to pave N Chestnut St., bet. First St. and Crescent Ave. and portions of Crescent Ave., involving macad. pavement and other incidental items.

SAN DIEGO, Cal.—Cal. Constr. Co., Union Bldg, San Diego, awarded contr by council at $49,695 to pave Columbia, Maple Sts., etc., involv. 72,027 sq. ft. 2-in. asph. conc. pavement on 3-in. bitum. base pavement; 184,307 sq. ft. 1½-in. asph. conc. paving on 2½-in. bitum. base paving, and other incidental items.

Barber Greene Model 42 Loader

Prominent Users Are

Oakland Paving Co.

McGillivray Constr. Co.

Joe Dowling

California Highway Commission

Blumenkranz & Vernon

Bates & Borland

Basalt Rock Co.

SMITH-BOOTH-USHER CO.

Direct Factory Representatives and Distributors

50-60 FREMONT ST.

Sutter 952 **San Francisco**

SAN FRANCISCO—C. B. Eaton, 716 Ocean Ave., at $5751 awarded cont. by Board of Public Works to imp. Mars St. bet. Corbett Ave. and 17th Sts., involving 400 cu. yds. cut, $1.50; 280 cu. yds. fill, $1.50; 739 lin. ft. conc. curb, $1.05; 7530 sq. ft. asph. conc. pavement $.274; 750 sq. ft brick pavement; 400 sq. ft. reconst. basalt pavement, $.01; 4100 sq. ft. art. stone walks, $.21; 1 br. catchbasin, $150; 2 br. manholes, $150 each; 20 lin. ft. 10-in. culvert, $2.50; conc. retaining wall $1.

LOS ANGELES, Cal.—J. Paul Benson, 943 S Windsor Blvd., awarded cont. by supervisors at $46,624 to imp. Painter Ave., bet. Anaheim-Telegraph Rd. and Whittier Blvd.

SAN JOAQUIN COUNTY, Cal.—Following bids received by State Highway Commission, Forum Bldg., Sacramento, June 23 to pave with asph. conc. 8.1 mi. in San Joaquin County bet. west boundary and Banta:

Valley Paving & Construction Co. Visalia	$169,648
Warren Construction Co.	171,080
General Construction Co.	171,205
Federal Paving Co.	171,697
J. E. Johnston	172,738
J. A. Dowling	177,104
Clark & Henery	188,986
Griffith Construction Co.	198,078
Engineer's estimate	208,097

LOS ANGELES, Cal.—No bids were received by L. A. board of public works June 23, for improving Canoga Ave., bet. Ventura Blvd. and Drumetz St., involving 26,519 ft. heavy curb; 30,887 ft. light curb; 283,262 sq. ft. walk; storm drain; ornam. lighting system.

LOS ANGELES, Cal. — Bids rec by L. A. board of public works June 23 for improving Western Ave. bet. 182nd St. and 190th St., involving (1) 63,500 sq. ft. 6-in. conc. pavement; (2) 28,000 sq. ft. grading to finish grade; (3) one 4-ft rein. conc. culvert and one double 4-ft. rein. conc. culvert, were:

Griffith Co.—(1) 22.7c; (2) 1.6c; (3) $1300 complete; 30 days.

W. D. McCray—(1) 28c; (2) 1.5c; (3) $2300 complete; 90 days.

Joe Mullarkey—(1) 24c; (2) 3c; (3) $350 complete; 60 days.

C. W. Shafer—(1) 25.6c; (2) 1c; (3) $1400 complete.

T. E. Shafer—(1) 25.25c; (2) 1c; (3) $1500 complete; 60 days.

R. K. Smith, 1124 S St. Andrews Pl.—(1) 28.5c; (2) 2.7c; (3) $700; 60 days.

LOS ANGELES, Cal.—Until 2 p. m., July 7, bids will be rec. by county supervisors for improving Chevy Chase Dr., bet. city limits of Glendale and the boundary line of Sicomoro Canyon Tract, 2571 lin. ft. or .49 mi., involving 2871 cu. yds. excav; 5663 sq. yds. shaping; 5663 sq. yds .cem. conc. pavement; 18-in. cem. conc. pipe at sta. 13 plus 00, complete with headwalls; 2551 lin. ft. shaping shoulders. R. D. I. No. 270. Est. contr. price, $17,244.60. Aver. haul 2.5 mi. from Arden Junction. Plans and spec. are on file at office of the county supervisors.

OAKLAND, Cal.—Redmond G. Staats, county supervisor, announces work will be started shortly on new section of Skyline Blvd., to extend from the Tunnel road around Grizzily Peak into Berkeley at Euclid avenue; est. cost $100,000. Geo. A. Posey, county surveyor.

LOS ANGELES ,Cal.—Until 2 p. m., July 7, bids will be rec. by county supervisors for improving Second St., bet. Church St. and College Ave., 3541 lin. ft., involving 4730 cu. yds. excav.; 5976 ft. curb; 13,004 sq. ft. gutter; 34,690 sq. ft. walk; 14,581 sq. yds. conc. pavement. County Imp. No. 70. Est. cont. price $51,272.40. Average haul, .5 mi. from Downey.

SACRAMENTO, Cal.—County Engineer Chas. Deterding Jr., is preparing new plans for proposed bridge over American river near Elvas Station, as an avenue of entrance to relieve congestion over the 12th and Sixteenth street roads north of Sacramento; est. cost under previous plans was $420,000. New plans will provide structure costing approx. $120,000 ;will have concrete trestle approaches on either side and 2-mi. stretch of pavement to connect bridge with Auburn road near Haggin Grant Apartment grade crossing.

EUREKA, Humboldt Co., Cal.—Mercer-Fraser Co., Eureka, at $15,746.27 awarded contract by council to imp. portions of Commercial St., involv. grade and pave with 3½-in. asph. conc. base with 1½-in. Warrenite-Bit. surface; cem. conc. curbs; c. i. culverts with cem. conc. inverts; vit. sewers; cem. conc san sewer manholes with c. i. covers; catchbasins. Calif. Const. Co., San Francisco, bid $16,899.25 Est. of City Eng. Harry H. Hannah, $15,658.58.

SAN FRANCISCO—Fay Imp. Co. Phelan Bldg., at 2251 awarded cont. by Bd. of Public Works to imp. Niagara St., bet. Tara and Louisburg Sts., involv. 414 lin. ft. conc. curb, $1.10; 6210 sq. ft. asph. conc pavement, $.289.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. portions of Spencer Ave., bet San Fernando and Grant sts. involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc base; hyd. cem. conc. curbs and gutters; 4 hyd. cem. conc. storm water inlets. 1911 Act & Bond Act 1915. Protests July 7. Wm. Popp, city eng.

SAN FRANCISCO—Board of Public Works has requested supervisors to appropriate $40,000 to finance widening of Virginia Ave., bet. Mission and Coleridge streets.

SAN JOSE, Santa Clara Co., Cal.—City council, J. J. Lynch, clerk, declares inten. to imp. West Virginia St., bet. First and Locust Sts., involv. grade and pave with 1½-in. Warrenite-Bit. surface on 3-in. bituminous conc. base.; hyd. cem. conc. curbs and gutters; conc. walks; 2 hyd. cem. conc. storm water inlets and alley driveways. 1911 Act and Bond Act 1915. Protests July 7. Wm. Popp, city engineer.

FRESNO, Fresno Co., Cal. — City council, H. S. Foster, clerk, declares inten. (No. 18-D) to const. 6-in. vit. clay pipe lateral sewer from Block 1, Belmont Addition to pt. 360 ft. north; 4-in. on 6-in. wyes for each 25-ft frontage; const. one manhole. 1911 Act. Protests July 10. Wm. Stranahan, city eng.

SAN MATEO, San Mateo Co., Cal. — County council orders plans prepared to widen Third Ave., bet. A St. and the Highway, from 70 to 80 ft.

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ELECTRIC AND MFG. CO.
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525 HOWARD STREET, SAN FRANCISCO
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VALLEJO, Solano Co., Cal.—Council, Alf. E. Edgecumbe, city clerk, petitioned to grade and pave Sulphur Springs road from Amador St. to Napa road. Referred to City Eng. T. D. Kilkenny for report.

MARTINEZ, Contra Costa Co., Cal. — Until July 21, 11 a. m., bids will be rec. by J. H. Wells, county clerk, to const. Lone Tree highway, involv. 1500 cu. yds. embankment; 2449 tons rock and screenings base course; 1224 tons rock and screenings top course; 118,500 sq. ft. surface asphaltum. Plans obtainable from County Engineer R. R. Arnold.

INGLEWOOD, Cal.—George R. Curtis Paving Co., 2440 E 26th St., Los Angeles, awarded cont. by city trustees at $92,665 to imp. Eucalyptus Ave., betw. Arbor Vitae St. and Centinela Ave., involving 477,641 sq. ft. grading 3c ft; 15,707 ft. curb 60c ft; 78,119 sq. ft. walk 19c ft; 649 sq. ft. gutter 24c ft; culverts, $2000 complete; 301,043 sq. ft. 5-in. asph. conc. pavement (1½-in. top with 3½-in. base) 17c ft; 49 water services, $15 each. Other bids were: Geo. H. Oswald, $96,308.74; Griffith Co., $96,892.63; Brann, Bryant & Austin, $97,042.19; Southwest Paving Co., $100,174.56.

LOS GATOS, Santa Clara Co., Cal. — Until July 7, 5 p. m., bids will be rec. by D. M. Winning, city clerk, to imp. various sts., involv. 35,731 sq. ft. 5-in. conc. pavement; 35,731 sq. ft. grading; 1556 lin. ft. conc. curb and gutter; 1911 Act. H. B Fisher, Growers' Bank Bldg, San Jose, engineer. Plans on file in office of clerk.

GLENDALE, Cal.—Council declares inten. to imp. Sierra Ave., bet. Sycamore Canyon Rd. and Waltonia Dr., etc., involv. grading, 5-in. oil macad. pavement, cem. walks, curbs, gutters, wooden headers; 1911 act and 1915 bond imp. act. A. J. Van Wie, city clerk. Ben F. Dupuy, city engineer.

BERKELEY, Alameda Co., Cal. — Until July 1, 9 a. m., bids will be rec. by E. M. Hann, city clerk, to imp. portion of Santa Barbara rd., involv. grading; const. conc. curbs and gutters; macadamizing; const. 24x30-in. conc. culvert; cem. walks. 1911 Act & Bond Act 1915. Cert. check 10% payable to city req. Spec. on file in office of clk.

GLENDALE, Cal. — Council declares inten. to imp. Tyler St., bet. Green St. and Sycamore Canyon Rd., etc., involv. grade; pave with 5-in. macad; cem. curbs, walks, wooden headers, 6-in. class B water pipe; 1911 act and 1915 bond imp. act. A. J. Van Wie, city clerk Ben F. Dupuy, city engineer.

LOS ANGELES, Cal. — Until 10 a. m. July 7 bids will be rec. by board of public works for improving the following streets:

Beacon St., bet. 14th St. and 142 ft. s of 16th St., involving grading, cem. conc. pavement, asph. pavement, curb, walk, gutter, vit. pipe hse. sewers; Vrooman Act.

Clarence St., bet. 4th and 6th Sts., involving grading, remod. oiled surface, cem. conc. pavement, curb, gutter; 1911 act.

Hewitt St., bet. 4th and Palmetto Sts, involving grading, bitum. base pavement, asph. pavement, resurfacing, curb, walks, gutters, catch basins, cement pipe storm sewers, cem. pipe hse. connections; 1911 act.

32nd St., bet. Nevin and Compton Aves., involving curb, gutter, walk, grading and oiling; 1911 act.

Macbeth St., bet. east line of lot 7, blk 5, Golden West Hts., involving grading and oiling, curb, walk, conc. gutter; 1911 Act.

SANTA CRUZ, Santa Cruz Co., Cal. Until July 7, 1924, 3 P. M., bids will be rec. by H. E. Miller, Clerk of Board of Supervisors of Santa Cruz County, for the grading and paving road beg. at middle of Coast Road at end of the present oil macadam which is three miles NW from the city limits of Santa Cruz, running in NW direction for about 3.43 miles.

Blue prints of plans and specifications may be obtained from the County Surveyor on deposit of $5.

Contracts Awarded

Liens, Acceptances, Etc.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

$1,000 and Over Reported

The following is an index for the contracts in this issue.

No.	Owner	Contractor	Amt.
2740	Lambert	Owner	3000
2741	Sullivan	Hjul	10000
2742	Ryan	Roberts	2000
2743	Elberg	Carlsen	12000
2744	Carlsen	Owner	8000
2745	Bach	McCormick	6750
2746	Peterson	Owner	8500
2747	Chaquette	Hjul	10000
2748	G G C & S	Cannon	2000
2749	Kracher	Owner	1200
2750	Emporium	Owner	2800
2751	Pandolfi	Raeta	3000
2752	Meyer	Owner	2000
2753	Mohr	Owner	6000
2754	Foster	Owner	1125
2755	Lindeman	Lindeman	9000
2756	Buckley	McCormick	4740
2757	Lazzari	Maffei	11000
2758	R C Archblshop	Bonded	2875
2759	Hancock	Meyer	——
2760	Rubin	Watson	14280
2761	Saberbera	Larson	8000
2762	Johnson	Dahlberg	10000
2763	Cashman	Nielsen	9000
2764	O'Hara	Owner	13000
2765	Nieman	Owner	2500
2766	Crichton	Owner	8000
2767	Deasy	Irwin	18000
2768	O'Connor	Hamill	8000
2769	Cerruti	Owner	2950
2770	Bach	McCormick	6750
2771	Grenet	Miller	22987
2772	Crabtree	Boswell	4500
2773	McCarthy	Owner	2000
2774	Feigin	Owner	35000
2775	Geaslet	Metcalf	3000
2776	Schwartz	Irvine	3000
2777	Haggans	Owner	3000
2778	Epp	Owner	8000
2779	Arata	Brady	26000
2780	Barker	Meyer	9000
2781	Nelson	Owner	12000
2782	Same	Same	4000
2783	Same	Owner	5000
2784	Same	Same	5000
2785	Olson	Owner	3500
2786	Nichols	Meyer	9000
2787	Emporium	Brady	7000
2788	Nelson	Owner	5000
2789	Same	Same	5000
2790	Ozanic	Owner	3000
2791	Allari	Owner	12000
2792	Nason	Rainey	10000
2793	Meadworcroft	Owner	6000
2794	Meyer	Owner	4000
2795	Behrend	Jensen	2290
2796	So. Pac.	Kerner	2223
2797	Medico	Sibley	18000
2798	Billington	Martin	16050
2799	Pres. Golf	Farquharson	3795
2800	Figoni	Halsen	6250
2801	Skelly	Halsen	5850
2802	Myers	Zinkland	13575
2803	Zambelli	Owner	2000
2804	Nelson	Owner	4500
2805	Sabella	Owner	8000
2806	Same	Same	8000
2807	Bothin	Buschke	3000
2808	Meyer	Henderson	4000
2809	Carlson	Owner	3000
2810	Lipman	Leonard	4000
2811	Henderson	Owner	1000
2812	Figoni	Hatson	3000
2813	Hoelscher	Buschke	7500
2814	Weinberg	Owner	8000
2815	Nelson	Owner	4500
2816	Nieman	Ingraham	3500
2817	Allari	Meyer	13394
2818	Cavanaugh	Stoneson	7430
2819	Straub	Varney	6830
2820	Drew	O'Brien	8800
2821	Cervellera	Lindberg	6850
2822	McCarthy	Arnott	18000
2823	Anderson	Owner	3000
2824	Anderson	Owner	6000
2825	Arnott	Owner	3000
2826	Erickson	Owner	20000
2827	McHugh	Meyer	7000
2828	Arnott	Owner	4000
2829	Bjors	Owner	24000
2830	Herzog	Herzog	4000
2831	Allen	Siggs	4000
2832	Olympic	Klimm	20033
2833	Olympic	Tittle	8460
2834	Olympic	Parker	222763
2835	Olympic	Atlas	40264
2836	Schwartz	Jacks	4820

DWELLING
(2740) N BRUNSWICK 178 W Whittier. 1-story and basement frame dwelling.
Owner—W. E. Lambert, 321 Hanover St., S. F.
Plans by owner. $3000

WAREHOUSE
(2741) S BRYANT 235 W FIFTH. 1-story and mezzanine floor warehouse.
Owner—Walter H. Sullivan, Alex Bldg., San Francisco.
Engineer and contractor—J. H. Hjul. 128 Russ St, S. F. $10,000

ALTERATIONS
(2742) 3007 CALIFORNIA ST. Remodel entrance hall; plumbing; painting; hardwood floors, etc., for 2 flats.
Owner—M. Ryan, 354 Walnut, S. F
Fulton. 3-story and basement frame (2) flats.
Architect—None.
Contractor—Roberts & Son, 338 Scott St., S. F. $2000

FLATS
(2743) W FOURTEENTH AVE. 225 N Fulton. 3-story and basement frame (2) flats.
Owner—A. Elberg.
Architect—C. O. Clausen, Hearst Bldg., San Francisco.
Contractor—P. S. Carlsen, 1456 Willard St., S. F. $12,000

FLATS
(2744) N FULTON 93 E 2ND AVE. 2-story and basement frame (2) flats.
Owner—P. S. Carlsen, 1456 Willard St., San Francisco.
Architect—None. $8000

DWELLING
(2745) E HOWARD 215 S 21ST. 1-story and basement frame dwelling
Owner—Henry C. Bach, 3324 19th St., San Francisco.
Architect—None.
Contractor—Thos. McCormick, 73 Hill St, S. F. $6750

STORES
(2746) S IRVING 57-6 W 23RD AVE. 1-story frame stores.
Owner—Carl H. Peterson, 185 Stevenson St., S. F.
Architect—H. Stoner, First National Bank Bldg., S. F. $8500

FACTORY
(2747) W TENTH 250 S Harrison. 1-story and mezzanine floor factory.
Owner—C. A. Chaquette.
Engineer and contractor—J. H. Hjul, 128 Russ St, S. F. $10,000

STOCKHOLDERS AUXILIARY CORP.

INSURANCE { FIRE
SURETY BONDS
CASUALTY

PHONE DOUGLAS 6000
550 MONTGOMERY ST.

ALTERATIONS
(2748) 867 MARKET ST. Construct reinforced concrete receiving room, elevator pit, install slop sinks, basins, etc.
Owner—Golden Gate Cloak and Suit House, 1060 Market St., S. F.
Architect—E. W. Cannon, Oakland, Cal.
Contractor—J. B. Oswald, 1020 Mills Bldg., S. F. $2000

ALTERATIONS
(2749) 931 MARKET ST. Construct skylights; plastering; painting and electrical work for offices.
Owner—Fred W. Kracher, 324 Larkin St, S. F.
Architect—None. $1200

ALTERATIONS
(2750) N MISSION 320 W Fourth. Construct platform for parking autos; rat-proofing under same.
Owner—The Emporium, 835 Market St., San Francisco.
Architect—R. Llop, % The Emporium. $2800

DWELLING
(2751) NW NAPLES AND ITALY. 1-story and basement frame dwelling
Owner — A. Pandolfi, 799 Naples St., San Francisco.
Architect—None.
Contractor—A. Raeta, 1101 Geneva Ave. San Francisco. $3000

ALTERATIONS
(2752) S PINE 206-3 W Montgomery. Cleaning and painting; new store front; general repairs.
Owner—Frederick H. Meyer, 742 Market St., S. F.
Architect — Frederick H. Meyer, 742 Market St., S. F. $2000

DWELLING
(2753) NW PORTOLA DR. 250 NE Vicente. 1-story and basement frame dwelling.
Owner—Howard E. Mohr, 233 Pacific Bldg., S. F.
Plans by owner. $6000

SIGN
(2754) NE SUTTER AND POWELL Sts. Erect roof sign 10 ft. high, 225 ft. long.
Owner—Foster & Kleiser Co., Eddy at Pierce Sts., S. F.
Architect—None. $1125

DWELLINGS
(2755) E THIRTY-NINTH AVE. 50 & 75 N Geary. Two 1-story and basement frame dwellings.
Owner—H O. Lindeman, 619 27th Ave., San Francisco.
Architect—None.
Contractor—W. R. Lindeman, 619 27th Ave., S. F. $4500 each

DWELLING
(2756) SE YORK AND 21ST STS. 1-story and basement frame dwlg.
Owner—Patrick Buckley, 2681 21st St., San Francisco.
Architect—None.
Contractor—Thos. McCormick, 73 Hill St., S. F. $4750

STORE, FLATS
(2757) N MC ALLISTER 151 W Lyon W 23-6 N 137-6 E 36-3 S 16 W 11-3 S 121-6. All work for 2-story and basement frame bldg., store and flats.
Owner—F. Lazzari, 1982 McAllister St., San Francisco.
Architect—None.
Contractor—Paul & V. Maffei and G. Galli, 1230 Chestnut St., S. F.
Filed June 19, 1924. Dated May 9, 1924.
Roof on $3000
Plaster on 3000
Completed and accepted 3000
Usual 35 days 2000
TOTAL COST, $11,000
Bond, sureties, forfeit, none. Limit, 90 days. Plans and specifications filed.
NOTE—Permit reported May 8, 1924, No. 2114.

FLOOR COVERING
(2758) NINTH AVE .BET. CLEMENT and Geary. All work for linoleum floor covering for Star of the Sea High School.
Owner—The Roman Catholic Archbishop, 1100 Franklin St., S. F.
Architect—John O. Lofquist, 1399 Tamalpais St, Berkeley.
Contractor—Bonded Floor Co., Inc., 370 2nd St., S. F.
Filed June 19, 1924. Dated June 18, 1924
1st of each month 75%
Usual 35 days 25%
TOTAL COST, 2275
Bond, sureties, forfeit, limit, none. Plans and specifications not filed.

COTTAGE
(2759) E TWENTY-THIRD AVE. 50 N Kirkham N 25 x E 107-6. All work for certain ptns. of 3-room and basement garage and 1-story frame cottage.
Owner—J. G. Hancock, 603 First National Bank Bldg., S. F.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., S. F.
Filed June 19, 1924. Dated June 10, 1924
Owner to pay actual cost of labor and materials on or before 35 days after completion.
TOTAL COST—Actual cost of labor and materials.
Bond, sureties, forfeit, limit, none. Plans and specifications not filed

APARTMENTS
(2760) W SECOND AVE. 200 S Geary W 120 x S 31-5. All work except wall paper, finish hardware, lighting fixtures, wall beds, water heaters and furnace for 2-story and basement frame apartment bldg.
Owner—Benjamin Rubin, % architects.
Architect—B. C. Baumann & Edw. Jose, 251 Kearny St., S. F.
Contractor—G. E. Watson, 581 45th Ave San Francisco
Filed June 19, 1924. Dated June 17, 1924
Wall and roof sheathing in place $3570
Brown coated 3750
Completed and accepted 3570
Usual 35 days 3570
TOTAL COST, $14,280
Bond, $7140. Sureties, J. H. McCallum and Frances J. Belz. Forfeit, none. Limit, October 1, 1924. Plans and specifications filed.

FRAME FLATS
(2761) SE ALABAMA & MONTCALM. Two-story and basement frame (2) flats.
Owner — S. Saberbera, Precita Ave., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco.
Contractor—A. R. Larson, 516 San Jose Ave., San Francisco. $8000

FRAME FLATS
(2762) E EIGHTH AVE 100 S Judah. Two-story and basement frame (4) flats.
Owner—John Johnson, 1601 9th Ave., San Francisco.
Architect—None.
Contractor—Dahlberg & Peterson, 1560 10th Ave., San Francisco. $10,000

RESIDENCE
(2763) E FUNSTON AVE 261-6 S Cabrillo. Two-story and basement frame residence.
Owner — J. R. Cashman, 114 Sansome St., San Francisco.
Architect—J. S. Gould, 544 Market St., San Francisco.
Contractor—N. F. Nielsen, 180 Jessie St., San Francisco. $9000

APARTMENTS
(2764) NE GUERRERO & FIFTEENTH Three-story and basement frame (8) apartments.
Owner—R. J. O'Hara, 3660-A 19th St., San Francisco.
Architect — J. C. Hladik, Monadnock Bldg., San Francisco. $13,000

ADDITION
(2765) W HYDE 29-6 S Beach. Add drawing room, toilet and garages for flats.
Owner—Wm. Nieman, % Architect.
Architect—Arthur G. Scholz, Phelan Bldg., San Francisco. $2500

DWELLINGS
(2766) E TWENTIETH AVE 100 and 125 N Lawton. Two one-story and basement frame dwellings.
Owner—L. G. Crichton, 314 Matson Bldg., San Francisco.
Architect—None. $4000 each

RESIDENCE
(2767) NW TWENTY-FIFTH AVE & Sea Cliff. Two-story and basement frame residence.
Owner—Edw. J. Deasy, 1668 Page St., San Francisco.
Architect—Henry H. Gutterson, 526 Powell St., San Francisco.
Contractor—J. J. Irwin, 801 Cabrillo St., San Francisco. $18,000

FRAME FLATS
(2768) S BAY 100 W Octavia. Two-story and basement frame (2) flats.
Owner — Catherine O'Connor, 6140 Geary St., San Francisco.
Architect—None.
Contractor—Thos. Hamill, 6140 Geary St., San Francisco. $8000

ALTERATIONS
(2769) NO. 35 MEDAU PLACE. Install baths; other minor alterations to flats
Owner—Antonio Cerrutti, 2320 Vallejo St., San Francisco.
Architect—None. $2950

DWELLING
(2770) E HOWARD 215 S Twenty-first S 30xW 122-6. All work for five-room frame dwelling and garage.
Owner—Henry C. Bach, 3324 19th St., San Francisco.
Designer—Thomas McCormick.
Contractor — Thomas McCormick, 73 Hill St., San Francisco.
Filed June 20, '24. Dated June 17, '24.
Frame up $1687.50
Brown mortar on..... 1687.50
Completed 1687.50
Usual 35 days..... 1687.50
TOTAL COST, $6750.00
Bond, $3375. Sureties, Patrick Hannon and John Donovan. Limlit, 90 days. Forfeit, $2. Plans and specifications filed.

APARTMENTS
(2771) NW GUERRERO AND EIGHTEENTH W 80xN 27. All work for 3-story and basement frame building (stores and apartments).
Owner—J. Grenet, % Architect.
Architect—Albert J. Fabre and Ernest H Hildebrand, 110 Sutter St., S. F.
Contractor — Fred Miller, 225 Dolores St., San Francisco.
Filed June 20, '24. Dated June 10, '24.
Ready for roof $5745
Brown coated 5745
Completed and accepted 5748
Usual 35 days 5749
TOTAL COST, $22,987
Bond, $11,500. Sureties, Frank J. Klimm and F. H. Martell. Forfeit, $15. Limit, 100 days. Plans and specifications filed.

ALTERATIONS
(2772) NO. 1542-50 GEARY. New foundations; concrete floor and general alterations and repairs for stores and dwelling.
Owner — G. L. Crabtree, 1484 Golden Gate Ave., San Francisco.
Plans by Superintendent.
Supt.—W. C. Boswell, 2764 McAllister St., San Francisco. $4500

DWELLING
(2773) W GRAND VIEW AVE 50 S Morgan Alley. One-story and basement frame dwelling.
Owner—John W. McCarthy, 708 Hampshire St., San Francisco.
Architect—None. $2000

APARTMENTS
(2774) SE HAYES AND STEINER. Three-story and basement frame (16) apartments.
Owner—Joseph Feigin, % Architect.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $35,000

DWELLING
(2775) W MADRID 100 S Persia. One-story and basement frame dwlg.
Owner—Joseph Geastel, 15 Bernal Ave., San Francisco.
Architect—Woodworth Wethered, 16 Turk St., San Francisco.
Contractor—Joseph Metcalf, 135 Los Banos Ave., San Francisco. $3000

ALTERATIONS
(2776) NO. 4 PRESIDIO TERRACE. Two-room, bath and closet addition on roof; add toilet room in first floor; painting, etc., for residence.
Owner—Sidney Schwartz, % Sutro Co., Kohl Bldg., San Francisco.
Architect—Samuel Lightner Hyman & A. Appleton, 68 Post St., S. F.
Contractor — Jacks & Irvine, 180 Jessie St., San Francisco. $3000

DWELLING
(2777) E THIRTY-EIGHTH AVE 50 S Cabrillo. One-story and basement frame dwelling.
Owner—Chas. Haggans, 3685 Cabrillo St., San Francisco.
Architect—None. $3000

APARTMENTS
(2778) N ANA — W Tenth Ave. Two-story and basement frame (4) apartments.
Owner — I. Epp, 4747 Geary St., San Francisco.
Architect—Baumann & Jose, 251 Kearny St., San Francisco. $8000

ALTERATIONS
(2779) S BEACH 6f E Larkin. Reconstruction of warehouse bldg. additional 2 mezzanine floors.
Owner—Paul Arata, % Contractor.
Architect—None.
Contractor—M. V. Brady, 748 Monadnock Bldg., S. F. $26,000

DWELLINGS
(2781) W FAXON AVE 52, 100, 148 N Kenwood Way, Three 1-story and basement frame dwellings.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. Strothoff, 2274 15th St., San Francisco.
Contractor—Nelson Bros., 1375 Plymouth Ave., San Francisco. $4000 each

DWELLING
(2782) E FAXON AVE 117 N PIZarro. 1-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. Strothoff, 2274 15th St., San Francisco.
Contractor—Nelson Bros., 1375 Plymouth Ave., San Francisco. $4000

RESIDENCE
(2783) NE COR. FAXON & PIZarro. 1-story and basement frame residence.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. Strothoff, 2274 15th St., San Francisco. $5000

DWELLING
(2784) NW COR. FAXON AVE & Kenwood Way. 1-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. Strothoff, 2274 15th St., San Francisco.
Contractor—Nelson Bros., 1375 Plymouth Ave., San Francisco. $5000

DWELLING
(2785) W 40TH AVE 175 N BALBOA. 1-story frame dwelling.
Owner—Ernest J. Olson, 3942 Mission St., San Francisco.
Architect—None. $3500

DWELLINGS
(2786) W 45TH AVE 200, 225, 250 S Balboa. Three 1-story and basement frame dwellings.
Owner—J. B. Nichols, % contractor.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco. $3000 each

ALTERATIONS
(2787) NW JESSIE NE 5TH STREET. Alterations to rear entrance.
Owner—The Emporium, San Francisco.
Architect—Morris M. Bruce, 859 Flood Bldg., San Francisco.
Contractor—M. V. Brady, Monadnock Bldg., San Francisco. $7000

RESIDENCE
(2788) SW COR MIRAMAR & WESTwood Drive. 1-story and basement residence.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. Strothoff, 2274 15th St., San Francisco. $5000

DWELLING
(2789) SE COR MIRAMAR & EASTwood Drive. 1-story and basement frame dwelling.
Owner—Nelson Bros., 1375 Plymouth Ave., San Francisco.
Architect—Chas. Strothoff, 2274 15th St., San Francisco.
Contractor—Nelson Bros., 1375 Plymouth Ave., San Francisco. $5000

RESIDENCE
(2790) W 19TH AVE 24-9 N KIRKham. 1-story and basement frame residence.
Owner—Javob Ozanic, 1800 O'Farrell St., San Francisco.
Architect—None. $3000

FLATS (2)
(2791) N PINE 165 W BRODERICK. Two 2-story and basement frame flats.
Owner—Herman Allari, 2418 Bush St., San Francisco.
Architect—Dodge Reidy, 821 Market St., San Francisco. $12,000

ADDITIONS
(2792) E POTRERO AVE 25 N 15TH St., Additional two stories to bldg.
Owner—R. N. Nason & Co., Potrero & 15th St., San Francisco.
Architect—None.
Contractor—W. A. Rainey, 180 Jessie St., San Francisco. $10,000

DWELLINGS (2)
(2793) W 35TH AVE 125 AND 150 N Irving. Two 1-story and basement frame dwellings.
Owner—F. E. Meadworcroft & E. J. McCrea, 1239 11th Ave., San Francisco.
Architect—None. $3000 each

DWELLING
(2794) SW COR 34TH AVE & ANZA. 1-story and basement frame dwelling.
Owner—Meyer Bros., 1 Montgomery St., San Francisco.
Architect—None. $4000

DWELLINGS (3)
(2795) W 34TH AVE 25, 50, 75 S ANza. Three 1-story and basement dwellings.
Owner—C. H. Barker, 1 Montgomery St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco. $3000 each

PLASTERING
(2795) NE ARGUELLO BLVD AND Jackson. Plastering for residence.
Owner—Julius Behrend, 354 Pine St., San Francisco.
Architect—Alfred H. Jacobs, 110 Sutter St., San Francisco.
Contractor—Jas. Jensen, sub contr Wm Fischer, 3495 17th, San Francisco.
Filed June 23, 1924. Dated May 15, 1924
Brown coated & 2nd coat of cement plaster on inside.....$1000
Completed and accepted 718
Usual 35 days 572
TOTAL COST, $2290
Bond, Forfeit, Limit, Plans and specifications, none.

INCINERATOR
(2796) NO LOCATION. Reconstruction of incinerator in Railroads Terminal warehouse.
Owner—Southern Pacific Co., 65 Market St., San Francisco.
Architect—None.
Contractor—The Kerner Incinerator Co 77 O'Farrell, San Francisco.
Filed June 23, 1924. Dated June 16, 1924
Each month 75%
Usual 35 days 25%
TOTAL COST, $2223.85
Bond, $2223.85; Sureties, American Indemnity Co; Forfeit, none; Limit, 60 days; Plans and specifications filed.

EXCAVATING ETC.
(2797) NE POST & MASON. Excavating burlheading, back filling and grading for building.
Owner—The Medico Dental Bldg. Corp. 301 First Natl. Bank Bldg., S. F.
Architect—Geo. W. Kelham, Wm. G. Merchant, Sharon Bldg., S. F.
Contractor—Sibley Grading & Teaming Co., 165 Landers, S. F.
Filed June 23, 1924. Dated May 24, 1924
Each month 75%
Usual 35 days 25%
TOTAL COST, $18,000
Bond, $18,000; Sureties, Globe Indemnity Co.; Forfeit, Limit, Plans and Specifications, none.

RESIDENSE & GARAGE
(2798) W 11TH AVE 25 N CABRILLO S 25 x W 95. Two-story and basement frame residence and garage.
Owner—J. R. Billington, 1021 Point Lobos, San Francisco.
Architect—J. M. Ploeger, 1621 Fulton St., Berkeley.
Contractor — Wm. Martin, 180 Jessie St., San Francisco.
Filed June 23, '24. Dated June 21, '24.
Frame up $2000.00
First coat plaster on 3300.00
Standing finish on 3300.00
Completed and accepted 3437.50
Usual 35 days 4012.50
TOTAL COST, $16,050
Bond, $8025. Sureties Fred Walpert Edwin & T. Peterson. Firfeit, none. Limit, $100. Plans and specifications filed.

ADDITIONS & ALTERATIONS
(2799) 8 PRESIDIO TERRACE. Additions and alterations to Presidio Golf Club in building.
Owner—Presidio Golf Club, 8 Presidio Terrace, San Francisco.
Architect—Jos. J. Rankin, 1937 Broadway, San Francisco.
Contractor—D. B. Farquharson, 1760 Ellis St., San Francisco.
Filed June 23, '24. Dated June 18, '24.
Monthly payments 75%
Usual 35 days 25%
TOTAL COST, $3795
Bond, none. Sureties, none, Forfeit, none. Limit, none. Plans and specifications filed.
Contractor to receive cost plus 10% total, not to exceed $3795.

RESIDENCE
(2801) NW SAN JOSE AVE 670 NE Jarnac NE 25 SW 162 m or 1 SW 25 m or 1 S 174 m or 1 to beg Ptn Lot 6 Blk 1, Belle Roche City. All work for one-story and basement frame residence.
Owner—Edward G. & Josephine M. Skelly.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Halsen & Sioblom, 37 Fair Ave., San Francisco.
Filed June 23, '24 Dated June 17, '24.
Roof sheathing on $1468.50
Brown coated 1467.50
Completed and accepted..... 1468.50
Usual 35 days 1468.50
TOTAL COST, $5850
Bond, $2925. Sureties, T. J. O'Brien & Chas. Monson. Forfeit, none. Limit, 90 days after June 19, 1924. Plans and specifications filed.

RESIDENCE
(2800) NE SAN JOSE AVE 695 NE Jarnac NE 25 W 162 m or 1 S 25 m or 1 SE 174 m or 1 ptn lot 6 Blk 1 Belle Roche City. 1-sto. and basement frame residence.
Owner—Francesco & Elizabeth Figoni.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—Halsen & Sioblom, 37 Fair Ave., San Francisco.
Foof sheathing on $1562.50
Brown coated 1562.50
Completed and accepted 1562.50
Usual 35 days 1562.50
TOTAL COST, $6250
Bond, $3125. Sureties, T. J. O'Brien & Chas. Monson. Forfeit, none. Limit, 90 days after June 19. Plans and specifications filed.

ALTERATIONS
(2802) SE 38TH AVE & SHOREVIEW Ave S 100 x E 33.35 lot 34 Lyon & Hoag's sub Lincoln Manor. Except mantel, electric fixtures, wall paper and window shades for 2-story residence.
Owner—Gladys T. Myers.
Architect—Erle J. Osborne, 821 Balboa Bldg., San Francisco.
Contractor—Ed Zinkand & Sons, 434 10th Ave., San Francisco.
Filed June 23, '24. Dated June 14, '24.
Rough plumbing completed and roof finished $3394
Rough plaster completed 3394
Completed and accepted 3394
Usual 35 days 3393
TOTAL COST, $13,575
Bond, none. Sureties, none. Forfeit, none. Limit, 120 days after June 16, 1924. Plans and specifications filed.

STORE
(2803) SE FIFTEENTH & MARKET. One-story frame store.
Owner—S. H. and W. Zabbelli, 245 Sanchez St., San Francisco.
Architect—J. C. Hladik. $2000

DWELLING
(2804) W FOREST SIDE AVE 185 N Vicente. Two-story and basement frame dwelling.

Owner—Fernando Nelson & Sons, 2 West Portal Park, San Francisco.
Architect—None. $4500

FLATS
(2805) NE FRANCISCO & WORDEN. Two-story and basement frame (2) flats.
Owner—L. Sabella, 306 Francisco St., San Francisco.
Architect—P. F. De Martini, 946 Broadway, San Francisco. $8000

FLATS
(2806) N FRANCISCO E 21 Worden. Two-story and basement frame (2) flats.
Owner—L. Sabella, 306 Francisco St., San Francsico.
Architect — P. F. De Martini, 946 Broadway, San Francisco. $8000

REPAIRS
(2807) NO. 663 HOWARD. Repair and replace roof; change elevator shaft; change stairway.
Owner— Eothin Real Estate Co., 604 Mission St., San Francisco.
Architect—None.
Contractor — Buschke & Browne, 604 Mission St., San Francisco. $3000

STORE HOUSE
(2808) N JESSIE 325 W Seventh. One-story concrete store house.
Owner—Jacob Meyer, 444 Pine St., San Francisco.
Architect—None.
Contractor—W. D. Henderson, 619 Monadnock Bldg., S. F. $4000

COTTAGE
(2809) E NINETEENTH AVE 165 S Santiago. One-story and basement frame cottage.
Owner—O. M. B. Carlson, 2637 21st St., San Francisco.
Architect—None. $3000

ALTERATIONS
(2810) W OCTAVIA 150 N Broadway. Convert present residence into apartments.
Owner — O. Lipman, Chronicle Bldg., San Francisco.
Architect — N. W. Sexton, Chronicle Bldg., San Francisco.
Contractor—P. M. Leonard, 1247 45th Ave., San Francisco. $4000

STORAGE HOUSE
(2811) SE RITCH bet. Folsom and Harrison. One-story frame tool storage house.
Owner—W. D. Henderson, 619 Monadnock Bldg., San Francisco. $1000
Architect—None.

COTTAGE
(2812) E SAN JOSE AVE 95 S Jarnac. One-story and basement frame cottage.
Owner — Francisco Figoni, 1710 San Jose Ave., San Francisco.
Architect—None.
Contractor—Hatson & Sioblan, 37 Fair Ave., San Francisco. $3000

STORE
2818) E SEVENTH 150 S Howard. One-story reinforced concrete store
Owner—Arthur G. Hoelscher.
Architect—Arthur Bugbee, 26 Montgomery St., San Francisco.
Contractor—Buschke & Browne, Atlas Blug., San Francisco. $7500

DWELLINGS
(2814) W THIRTY-EIGHTH AVE 50 andw 75 S Cabrillo. Two one-story and basement frame dwellings.
Owner—Samuel E. Weinberg, 761 12th Ave., San Rrancisco.
Architect—A. M. Wallen, 1253 Waller St., San Francisco. $4000 ca

DWELLING
(2815) E WAWONA 107 S Ulloa. Two-story and basement frame dwlg.
Owner—Fernando Nelson & Sons, 2 West Portal Park, S. F. $4500
Architect—None.

COTTAGE
N SAN JOSE AVE 670 N Jarnac. One-story and basement frame cottage.
Owner—Edward Skelly, 1710 San Jose Ave., San Francisco.
Architect—None.
Contractor—Hatson & Sioblan, 37 Fair Ave., San Francisco. $3000
NOTE—Recorded contract reported June 21, 1924, No. 2801.

ALTERATIONS
(2816) W HYDE 29-6 S Beach. All work except wall bed, finish hardware, wall paper, plumbing and hardwood floor for alterations and additions to frame flat building.
Owner—Wm. Nleman, % Architect.
Architect — Arthur G. Scholz, Phelan Bldg., San Francisco.
Contractor—M. C. Ingraham.
Filed June 24, '24. Dated June 24, '24.
Frame up ready for roofing.....$875
Brown coated 875
Completed and accepted..... 875
Usual 35 days..... 875
TOTAL COST, $3500
Bond, $1750. Sureties, J. C. Moore Jr. and J. C. Moore. Limit, 45 days. Forfeit, $2. Plans and specifications filed.

FRAME BLDG.
(2817) N PINE 165 W Broderick 30x 137-6. All work for two-story and basement frame building.
Owner—Hermann Allari, 2418 Bush St., San Francisco.
Architect—Dodge A. Riedy, 821 Market St., San Francisco.
Contractor—Meyer Bros., 1 Montgomery St., San Francisco.
Filed June 24, '24. Dated June 21, '24.
Frame up $3348.50
Brown coated 3348.50
Completed and accepted..... 3348.50
Usual 35 days..... 3348.50
TOTAL COST, $13,394.00
Bond, $6697. Surety, The Aetna Casualty & Surety Co. Limit, none. Plans and specifications filed.

FRAME BLDG.
(2818) LOT 6 BLK 5802 St. Marys Park All work for one-story and basement frame building.
Owner—Robert E. and Louise E. Cavanaugh, 296 Fair Oaks St., S. F.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor — Thorinson & Stoneson Bros., 2329 Sacramento St., S. F.
Filed June 24, '24. Dated June 13, '24.
Roof sheathing on.....$1857.50
Brown coated 1857.50
Completed and accepted..... 1857.50
Usual 35 days..... 1857.50
TOTAL COST, $7430.00
Bond, $3715. Sureties, S. Steinberg and W. E. Jefferson. Limit, 90 days. Forfeit, none. Plans and specifications filed

RESIDENCE
(2819) LOT 10 BLK 5803 St. Mary's Park. All work for one-story and basement frame residence.
Owner—Nicholas A. and Elvira Straub, 3699 Mission St., San Francisco.
Architect—Chas. F. Strothoff, 2274 15th St., San Francisco.
Contractor—F. W. Varney, 860 Bush St. San Francisco.
Filed June 24, '24. Dated June 14, '24.
Roof sheathing on.....$1707.50
Brown coated 1707.50
Completed and accepted..... 1707.50
Usual 35 days..... 1707.50
TOTAL COST, $6830.00
Bond, $3415. Sureties, Chas. Monson and L. L. Forsyth. Limit, 90 days. Forfeit, none. Plans and specifications filed.

DWELLING
(2820) E TWENTY-EIGHTH AVE 195 S Anza E 120xS 24. All work except plumbing and heating for two story frame dwelling.
Owner—Daniel V. Drew, 225 19th Ave., San Francisco.
Architect—Harvey E. Harris, 815 Balboa St., San Francisco.
Contractor—O'Brien Bros., 315 Montgomery St., San Francisco.
Filed June 24, '24. Dated June 20, '24.
Enclosed and roof on.....$1650
Rough Coat plaster on..... 1650
Wood trim installed..... 1650
Completed and accepted..... 2200
Usual 35 days..... 1650
TOTAL COST, $8800
Bond, $4400. Surety, The Fidelity & Casualty Co. of N. Y. Limit, 90 days. Forfeit, $5. Plans and specifications filed.

ALTERATIONS
(2821) NE BOCANA AND ELLERT. Alterations and addition of 6 rooms to building.
Owner — Filippo Cervellera, 3.5 Bocana St. San Francisco.
Architect—None.
Contractor—C. Lindberg, 1 Naylor St., San Francisco. $6850

DWELLINGS
(2822) E BRIGHTON AVE 50, 75, 100, 125, 150 and 175 S Grafton Ave. Six one-story and basement frame dwellings.
Owner — The McCarthy Co., 316 Bush St., San Francisco.
Architect—None.
Contractor—James Arnott & Son, 235 Granville Way, S. F. $3000 ea

DWELLING
(2823) NW BRUNSWICK 153 SW Lowell. One-story and basement frame dwelling.
Owner—Roy Anderson, 1329 Cole St., San Francisco.
Architect—Nelson E. Lutz, 521 Waller St., San Francisco. $3000

DWELLINGS
(2824) W FOURTEENTH AVE 245 & 270 S Judah. Two one-story and basement frame dwellings.
Owner—Anderson Bros., 1264 Noe St., San Francisco. $3000 ea
Architect—None.

DWELLING
(2825) S MANGELS 150 E Hamburg. One-story and basement frame dwelling.
Owner—James Arnott & Sons, 235 Granville Way, San Francisco. $3000
Architect—None.

APARTMENTS
(2826) W OCTAVIA 125 and 150 S Francisco. Two two-story and basement frame (4) apartments each.
Owner—E. Erickson and P. Boyson, 549 19th Ave., San Francisco. $10,000 each
Architect—None.

FLATS
(2827) W TWENTIETH AVE 175 S California. Two-story and basement frame (2) flats.
Owner—Patrick and Margaret McHugh 1 Montgomery St., San Francisco.
Architect—None.
Contractor—Meyer Bros., 1st Nat'l. Bk. Bldg., San Francisco. $7000

(2828) W TWENTIETH AVE 100 N Taraval. One-story and basement frame dwelling.
Owner — James Arnott & Sons, 235 Granville Way, San Francisco. $4000
Architect—None.

APARTMENTS
(2829) S UNION 170 and 195 E Pierce. Two two-story and basement frame apartments (4 apts. each).
Owner—Victor Bjors, 2668 Bryant St., San Francisco. $12,000 each
Architect—None.

RESIDENCE
(2830) E URBANO DRIVE, bet. Borica and Alviso. Two-story and basement frame residence.
Owner — Mary Herzog, 1100 O'Farrell St., San Francisco.
Architect—D. Coleman, 110 Sutter St., San Francisco.
Contractor—A. J. Herzog, 1100 O'Farrell St., San Francnsco. $4000

RESIDENCE
(2831) E WAWONA 105 S Fourteenth Ave. Two-story and basement frame residence.
Owner—C. M. Allen, Wells Fargo Bank Bldg., San Francisco.
Architect—C. A. Delmarter, 5933 Geary St., San Francisco.
Contractor — Siggs & Hill, 2314 19th Ave., San raFncisco. $4000

CLUB HOUSE
(2832) LAKESIDE COUNTY CLUB property. Plumbing work for club house bldg.
Owner—The Olympic Club, Post near Mason St., San Francisco.
Architect—Bakewell & Brown & John A. Baur, 251 Kearny St., S. F.
Contractor—Frank J. Klimm Co., 1242 8th Ave., San Francisco.
Filed June 24, 1924. Dated June 14, 1924
TOTAL COST, $20,033
2nd Thursday each month.....75%
Usual 35 days 25%
Bond, $20,033; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, Limit, none; Plans and specifications filed.

(2833) ELECTRICAL WORK ON above.
Contractor—H. S. Tittle, 85 Columbia St., San Francisco.

Filed June 24, 1924. Dated June 14, 1924
Payments same as above.
TOTAL COST, $8460
Bond, $4230; Sureties, New Amsterdam Casualty Co.; Forfeit, none; Limit, 260 days; Plans and specifications filed.

(2834) EXCAVATING, GRADING, tile drains, concrete and reinforced concrete, steel and cast iron roofing, brick and stone work, carpenter and plastering, painting, electric dumbwaiters etc. on above.
Contractor—K. E. Parker Co., 519 California St., San Francisco.
Filed June 25, '24. Dated June 14, '24.
Payments same as above.
TOTAL COST, $222,763
Bond, $111,381; Sureties, National Surety Co.; Forfeit, none; Limit, 250 days; Plans and specifications filed.

(2835) HEATING & VENTILATING & mechanical equipment on above.
Contractor—Atlas Heating & Ventilating Co., 557 4th St., S. F.
Filed June 25, '24. Dated June 14, '24.
Payments same as above.
TOTAL COST, $40,264
Bond, $40,264; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, none; Limit, 250 days; Plans and specifications filed.

ALTERATIONS
(2836) 4 PRESIDIO TERRACE. Alterations and additions to 2-story and basement frame residence.
Owner—Sidney L. Schwartz, care Sutro Company.
Architect—Samuel L. Hyman and A. Appleton, 68 Post St., S. F.
Contractor—Henry Jacks and W. K. Irvine, 180 Jessie St., S. F.
Filed June 24, 1924. Dated June 21, 1924
1st each month 25%
Usual 35 days 25%
Contractor's fee $482
TOTAL COST, $4338
Bond, Forfeit, none; Limit, August 2, 1924; Plans and specifications filed.

COMPLETION NOTICES

SAN FRANCISCO COUNTY

Recorded Accepted
June 19, 1924—S JERSEY 80 W Diamond W 27-6xS 84. San Francisco Home Building Co to Meyer Bros .....June 17, 1924
June 19, 1924—N MISSION 50 W Santa Rosa Ave N 100xW 50. Niels Schultz to whom it may concern.....June 18, 1924
June 19, 1924—N GEARY 70 E 22nd Ave E 50xN 100 E on N Geary 25x 95. W A Savage to whom it may concern.....June 19, 1924
June 19, 1924—W MIRAMAR AVE 125 S Grafton Ave S 50xW 112-6 Lots 36 and 37 Blk 13, Lakeview. Meyer Bros to whom it may concern.....June 18, 1924
June 19, 1924—S FULTON 137-6 W Webster 27-6x137-6. Hannah D Barron and Jennie Fogel to Fred Warden .....June 16, 1924
June 19, 1924—N GIRARD AND Mansell NW 50xNE 120. Mario D and Nora F Fratessa to Jos S Fratessa.....June 16, 1921
June 19, 1924—SE MARKET 176-6 NE Sixth NE 49-3xSE 170. Aaron Goldberg to Decker Electrical Construction Co, June 4; Arthur Elvin .....June 10, 1924
June 19, 1924—NE BROADWAY AND Leavenworth 60x68-6. Fracchia & Rosina to whom it may concern.....June 19, 1924
June 19, 1924—S LINCOLN WAY 90 E Thirty-fourth Ave E 30xS 100. Byrd O Smith to whom it may concern.....June 11, 1924
June 18, 1924—E JULES AVE 185 N Grafton Ave N 25xE 112-6. The McCarthy Co to James Arnott & Son.....April 11, 1924
June 18, 1924—E BAKER 80 S Lombard. Max Breitman and Louis Goldstein to Louis Goldstein.....June 17, 1924
June 18, 1924—NE WASHINGTON & Leavenworth N 40xE 67-6. Marian Realty Co to whom it may concern .....June 16, 1924
June 21, 1924—LOT 17 BLK 6 Crocker Estate Map S of Geneva Ave 53 W Madrid 25x100. Max Christensen to whom it may concern.....June 20, 1924
June 21, 1924—LOT 38 BLK 25, Map Crocker Amazon Tract. Julius Rudolph to John Bjorkman.June 10, '24
June 21, 1924—W TWENTY-THIRD Ave 135 N Kirkham N 25xW 120. Margaret E Brickley to Meyer Bros.....June 20, 1924
June 21, 1924—E WHEAT 250 N Salinas Ave N 25xE 100 Lot 38 Blk 5, Garden Tract Hd. J R Quinn to whom it may concern..June 14, '24
June 21, 1924—COM. ON JACKSON 60 E Arguello Blvd E 47-6 N 64-2¼ SW — to pt S to beg. Phil K and Grace P Bekeart to John Casty & Son .....June 18, 1924
June 21, 1924—W ELEVENTH 115 S Folsom 40x79. Louis A, Llayada A, & Elvin A Giacobbi to P H Hjul .....June 12, 1924
June 21, 1924—N HOWARD 155-11⅝ E Twelfth 25x90. Louis A Giacobbi to J H Hjul.....June 12, 1924
June 19, 1924—N SEVILLE 139.21 W Rolph 26x100. Paul Buthmann to whom it may concern...June 14, 1924
June 20, 1924—E FORTY-FIRST AV 125 S Geary S 50xE 120. Mat Boehm to Meyer Bros..June 13, 1924
June 20, 1924—S JUDAH 82-6 E 23rd Ave. 25xS 100. Augustus C and Lillian Spencer to Arthur R Siggs and Anthony Hill.....June 20, 1924
June 20, 1924—W THIRTY-FIFTH Ave 100, 125, 150 and 175 N Ulloa N 25x120 each. Parkside Realty Co to whom it may concern.....June 19, 1924
June 20, 1924—W TWENTY-EIGHTH Ave 100 N Cabrillo N 25xW120. J Harold Johnson to whom it may concern.....June 19, 1924
June 20, 1924—NE WALLER & Divisadero 25x106. John and Edna Macaret to whom it may concern .....June 10, 1924
June 20, 1924—NO. 90 COMMONwealth Ave. Julian Meyer to whom it may concern..May 22, 1924
June 20, 1924—N CLARA 75 W Fifth 50x80. Mattock & Feasey to whom it may concern.....June 19, 1924
June 20, 1924—E FORTY-SEVENTH Ave 115 N Cabrillo N 75xE 120. Harry Wissman to Meyer Bros.....June 13, 1924
June 20, 1924—N CHESTNUT 211.39 W Baker W 30xN 100. Clifton Driscoll to S B Davis..June 20, 1924
June 20, 1924—S GREEN 80 W Stockton W 57-6xS 70-11¾. John Onesti to Emil Lichters.June 19, 1924
June 20, 1924—SE WILLARD AND zCarl 30x100. J S Malloch to whom it may concern.....June 20, 1924
June 20, 1924—W BUCHANAN 100 N Green N 37-6xW 62. W W Rednall to whom it may concern.....June 20, 1924
June 20, 1924—N GRAFTON AVE 50 E Plymouth Ave E 37-6x100. Nellie Frazee to whom it may concern.....June 13, 1924
June 20, 1924—E GUERRERO 52 S Market. Morris J and Annie M Jones to whom it may concern.....May 30, 1924
June 20, 1924—N PACIFIC 229 E Jones E 23xN 60. A Domeniconi & E Malfanti to Paul De Martini.....June 18, 1924
June 21, 1924—SW LOWELL 100 NW Brunswick 26-6x100. Nelson E Lutz to whom it may concern.....June 21, 1924
June 21, 1924—E TWENTY-SEVENTH Ave 82-6 — Balboa S 25xE 100. B H Dever to whom it may concern.....June 14, 1924
June 24, 1924—E TWENTY-FIFTH Ave 150 N Geary N 25xE 120. Herbert H Baird to C T Magill.....June 19, 1924
June 24, 1924—E TWENTIETH AVE 125 S Cabrillo E 120xS 25. W W and Elizabeth G Magill to C T Magill .....June 24, 1924
June 24, 1924—W TWENTY-FOURTH Ave 225 S Cabrillo. Wm and Madeline Maher to G Ferroni & Son.....June 24, 1924
June 24, 1924—W GIRARD 150 S Olmstead S 25xW 120. Joseph S Fratessa to whom it may concern .....June 19, 1924
June 24, 1924—NE POWELL & POST N 137-6xE 162-9. Wm M and Mary E Fitzhugh to Alta Roofing Co.....March 15, 1924
June 24, 1924—S FRANCISCO 118-9 E Broderick E 75xS 137-6. Edna B Stemple and Bessie Cooley to R J Stemple.....June 24, 1924
June 24, 1924—N FILBERT 220 E Laguna E 22xN 85. Wm and Joe Galli and V Maffei to Joe Galli and V Maffei .....June 19, 1924
June 24, 1924—E TWENTY-FIRST Ave 250 S Clement S 25xE 120. N Lindner to O A Nelson.June 20, 1924
June 24, 1924—S VALLEY 280 E Noe E 25x114. Edw F Nation to Nels F Nilsson.....June 23, 1924
June 23, 1924—W FORTY-FIRST AV 200 S Lincoln Way 25x120. Nolan & Quigley to whom it may concern.....June 23, 1924
June 23, 1924—E GERARD 100 S Bacon No. 425 Gerard. George H Cafferata to whom it may concern .....June 23, 1924
June 23, 1924—W FIFTEENTH AVE 268-9 N Cabrillo N 25xW 127-6. H S Meinberger to whom it may concern.....June 20, 1924
June 23, 1924—NW FARRAGUT AND Ellington; N Farragut Ave 25 W Ellington; N Farragut Ave 50 W Ellington. H S Thomson to Wm M Reedy.....June 19, 1924
June 23, 1924—N BUSH 91-8 W Mason W 43-10xN 137-6. Joseph J Angeli to whom it may concern.June 14, '24
June 23, 1924—W WHEELER 356 & 38? N Bay Shore Ave N 32xW 100. Crocker Estate Co to whom it may concern.....June 18, 1924
June 23, 1924—LOT 14 BLK 6453; Lot 12 Blk 6416; Lot 20 Blk 6439; Lot 16 Blk 6441, Crocker Amazon Tract Sub 2. Crocker Estate Co to whom it may concern.....June 18, 1924
June 23, 1924—LOT 26 BLK 22, Crocker Amazon Tract. Crocker Estate Co to whom it may concern .....June 18, 1924
June 23, 1924—W FRANKLIN 50 S Francisco 25x100. Earnest A and Dolly E Bottcher to Chas Christina Anderson.....June 20, 1924
June 21, 1924—E FRANKLIN 52-6 S Chestnut S 60x100. Max Weissman to whom it may concern.....June 16, 1924
June 25, 1924—E MARKET AND Beale NE 137-6xSE 138-2. Pacific Gas & Electric Co to J G Williams Constr Co.....June 19, 1924
June 24, 1924—S UNION 112-6 E Pierce E 25xS 110. F A and Mary Eskilson to whom it may concern .....June 24, 1924

LIENS FILED

SAN FRANCISCO COUNTY

Recorded Amount
June 18, 1924—N SACRAMENTO 137-6 E Powell E 56-5xN 57-6. Star Ornamental Iron Work vs Bay Construction Co $477
June 19, 1924—NW SACRAMENTO & Joice W 56xN 57-6 E 56 S 56. Joost Bros vs Bay Constr Co and Ellen Ryan $93.02
June 21, 1924—W FRANKLIN 35 S Broadway S 38xW 120. Reinhart Lumber & Planing Mill Co vs M E Green and Est Bertha Zadig.$255.91
June 21, 1924—NO. 308 KEARNY (Shasta Grill). Theodore Kent (as Thales Elec Co) vs D Maroudas..$39
June 20, 1924—SE LINCOLN WAY & Twenty-sixth Ave z5xS 100. R Albertsen vs Herman H Bergfield, M Coghlan and Jane Coghlan....$242
June 20, 1924—NW SACRAMENTO & Joyce W 56xN 57-6. Malott & Peterson vs Ellen Ryan and Bay Construction Co $355

Notice of Non-Responsibility

SAN FRANCISCO COUNTY

June 20, 1924—NO. 667 JACKSON. Rebecca Susmann et al as to improvements on property.....

RELEASE OF LIENS

SAN FRANCISCO COUNTY

June 25, 1924—824 OR 404 N O'FARRELL 175 W Steiner W 22xS 82-6. G Bonham and M M Foulkes to Otto and wife Katherine Nagel...$241.40
June 23, 1924—N SACRAMENTO 137-6 E Hyde E 45-10x137-6. R Kasso to Louis D Stoff and W Bernstein .....
June 20, 1924—E BRANNAN AND Gilbert NE 80xSE 125. Coast Construction Co to Chas E Phillips Co
June 19, 1924...W TWENTIETH AVE bet. N and O Sts. George Harris to Carl A Erickson .....

BUILDING CONTRACTS

ALAMEDA COUNTY

$1,000 and Over Reported

The following is an Index for the contracts in this issue.

No.	Owner	Contractor	Amt.
3249	Admiral	Owner	2500
3250	Davies	Owner	12000
3251	Williams	Williams	4000
3252	Carver	Long	6000
3253	Padgett	Hawkins	3300
3254	Builders	Blodgett	5000
3255	Anderson	Owner	3000
3256	Harden	Alder	5000
3257	Bonds	Owner	6000
3258	Kremper	Owner	6000
3259	Patterson	Owner	4200
3260	Jensen	Owner	1000
3261	Siri	Valente	4000
3262	Peppin	Owner	31800
3263	Boden	Owner	1500
3264	Smith	Owner	3000
3265	Smith	Owner	5000
3266	Boden	Owner	1500
3267	Nunes	Anderson	3100
3268	Snowden	Owner	3000
3269	Ough	Kingrea	1350
3270	Saroini	Pond	2500
3271	Watkins	Owner	3650
3272	Craing	Owner	3000
3273	Mehaffey	Cal. Bldrs.	40000
3274	Dongery	Ca. Bldrs.	15500
3275	Edwards	Conner	3375
3276	Jacques	Legault	5700
3277	Edwards	Conner	1675
3278	Jr. Monach	Pearey	3515
3279	Cardoo	Owner	5000
3280	Hakanson	Owner	6000
3281	Fox	Owner	4000
3282	MacElroy	Rogers	4500
3283	Cavanaugh	Fish	5000
3284	Hansen	Haskell	4750
3285	Noble	Owner	3500
3286	Noble	Owner	4000
3287	McAuley	MacDonell	4900
3288	Edwards	Conner	3000
3289	Edwards	Conner	1500
3290	Zimino	Fricke	6500
3291	Adams	Kochendorfer	18000
3293	McAnulty	Owner	7400
3294	Parks	Owner	2900
3295	City of Oakland	Faulkes	3000
3296	Rugg	Owner	3675
3297	City of Oakland	Foulkes	6000
3298	Coppage	Wierk	3000
3299	Recombe	Owner	4750
3300	Brigham	Owner	1000
3301	Fritz	Flittner	4000
3302	Richards	Peters	7860
3303	Hollister	Sims	4650
3304	Sawyer	Butzke	3500
3305	Woodburn	Owner	5000
3306	Haley	Wolf	4500
3307	Rowe	Perry	2800
3308	Patrick	Owner	4200
3309	Siefert	Dulenhoff	3000
3310	Anderson	Rockingham	3700
3311	Avilla	Owner	4000
3312	Baehr	Thorp	6000
3313	Merrill	Thorp	1000
3314	Wyber	Wieben	4900
3315	Jacobs	Lewis	5000
3316	Evers	Owner	3800
3317	Noy	Richards	3300
3318	Ninekirk	Williford	2900
3319	Melrose	Foreman	4750
3320	Home	Home	3400
3321	Jewell	Owner	1900
3322	Pilatti	Peterson	5000
3323	Symington	Owner	1000
3324	Neikirk	Owner	4000
3325	Wood	Fallmaer	1600
3326	Ill. Wire	Doell	1719
3327	Ill. Wire	Slater	3629
3328	Rand	Hopper	10950
3329	Smith	Maure	8000
3330	Muther	Owner	9000
3331	Schneider	Dubenhoff	7000
3332	Hansen	Owner	3750
3333	McCain	Owner	2000
3334	Kemp	Owner	4000
3335	Cochran	Shark	7000
3336	Zahl	Adamski	4000
3337	Walters	La Voice	2800
3338	Rosenberry	Owner	5000
3339	Pearce	Owner	3000
3340	Welling	Owner	3500
3341	Bernardine	Corley	3850
3342	Isola	Lundgren	3500
3343	City Piedmont	Zelinsky	2757
3344	City Piedmont	Roberts	865
3345	City Piedmont	Westlund	23970
3346	City Piedmont	Doell	2155
3347	Ghilieri	King	5500
3348	Andronico	Rideout	7800
3349	Jallie	King	2000
3350	Holbrook	King	11500
3351	Pichel	Spaulding	5500
3352	Wilson	Owner	2000
3353	Anderson	Chew	2600
3354	Norris	Norris	3000
3355	Friedberg	Owner	5000
3356	Carstens	Owner	2000
3357	Barretto	Parsons	3000
3358	McCord	Owner	1000
3359	Fitts	Nall	3500
3360	Ekstrom	Lindquist	6500
3361	Emmons	Barnes	5400
3362	Mattison	Owner	3500
3363	Stony	James	1200
3364	Pendleton	Owner	6000
3365	Graham	Boston	3500
3366	Derry	St. Mary	3600
3367	Same	Same	7200
3368	Easterly	Owner	4500
3369	McLean	Owner	6000
3370	Key	Sconyers	210
3371	Sprague	Owner	3800
3372	Early	St. Mary	2000
3373	Firpo	Davis	4000
3374	Burns	Owner	3650
3375	Cocke	Girgsby	3000
3376	Sprague	Owner	3800
3377	Anos	Owner	1500

DWELLING
(3249) 2832 DOHR STREET, Berkeley. Dwelling.
Owner — Donald Admiral, Oakland P. O.
Architect—None. $2500

DWELLINGS (2)
(3250) 36 OAK RIDGE RD., Berkeley. Two dwellings.
Owner—A. Davies, Oakland Hotel, Oakland.
Architect—None.
Contractor—G. L. Rosebrook, Humboldt Bldg., Room 653, San Francisco. $6000 each

DWELLING
(3251) 1209 ORDWAY ST., Berkeley. Dwelling.
Owner—Mrs. A. Williams, 2118A Channing Way, Berkeley.
Designer—M. A. Williams, 2118A Channing Way, Berkeley.
Architect—None.
Contractor—N. P. Williams, 2118A Channing Way, Berkeley. $4000

DWELLING
(3252) 1617 SPRUCE ST., Berkeley. Dwelling.
Owner—E. L. Carver.
Architect—None.
Contractor—Roy O. Long Co., 2114 Shattuck St., Berkeley. $6000

DWELLING
(3253) 2920 WHEELER ST., Berkeley. Dwelling.
Owner—Rose Padgett, Mathews St., Berkeley.
Architect—None.
Contractor—H. J. Hawkins, 2025 Emerson St., Berkeley. $3300

DWELLING
(3254) S ALMA AVE., 125 E CAPELL St., Oakland. 1-story 7-room dwlg.
Owner—Builders & Owners Invest. Co., 2940 East 14th St., Oakland.
Architect—None.
Contractor—N. A. Blodgett, 3940 East 14th St., Oakland. $5000

DWELLING & GARAGE
(3255) W 86TH AVE., 80 S PLYmouth St., Oakland. 1-story 5-rm. dwelling and garage.
Owner—Anderson & Keeney, 2610 Orange Ave., Oakland.
Architect—None. $3000

DWELLING (2)
(3256) 330 FAIRMOUNT AVE., 338 Fairmount Ave., Oakland. Two 1-story 4-room dwellings.
Owner—Rose Harden ,Oakland.
Architect—None.
Contractor—Alder & Clark, 2907 Florida St., Oakland. $2500 each

DWELLING
(3257) N 41ST ST., 50 W SHAFTER Ave., Oakland. 1-story 8-room two-family dwelling.
Owner—M. S. Bonds, 238 Acton Place, Oakland.
Architect—L. F. Hyde, 372 Hanover Ave., Oakland. $6000

FLATS
(3258) 2120-2118 47TH AVE., Oakland. 2-story 10-room flats.
Owner—Julius Kremper, 2116 47th Av., Oakland.
Architect—None. $6000

DWELLING
(3259) 2618 HAVENSCOURT BLVD., Oakland. 1-story 5-room dwelling.
Owner—J. F. Patterson, 2001 68th Av., Oakland.
Architect—None. $4200

DWELLING
(3260) 1364 HOPKINS ST., Oakland. 1-story 2-room dwelling.
Owner—L. Jensen, 1364 Hopkins Street, Oakland.
Architect—None. $1000

DWELLING
(3261) 4215 MARKET ST., Oakland. 1-story 5-room dwelling.
Owner—G. Siri, Oakland.
Architect—None.
Contractor—M. E. Valente, 5215 Locksley Ave., Oakland. $4000

DWELLINGS (8)
(3262) N AND S MAXWELL W BIRDsall, Oakland. Five 1-story 6-room dwellings and three 1-story 5-room dwellings.
Owner—J. B. Peppin, 801 Trestle Glen Rd., Oakland.
Architect—None.
5 at $4200 ea; 3 at $3900 ea.

DWELLING
(3263) N OLIVER AVE., 136 W STANley Rd., Oakland. 1-story 4-room dwelling.
Owner—C. W. Boden, Syndicate Bldg., Oakland.
Architect—None. $1500

DWELLING
(3264) W 77TH AVE., 260 N EAST 14th St., Oakland. 1-story 4-room dwelling.
Owner—Smith & Wilson, 4428 East 14th St., Oakland.
Architect—None. $3000

DWELLINGS (2)
(3265) E 76TH AVE., 303-328 N East 14th St., Oakland. Two 1-story 3-room dwellings.
Owner—Smith & Wilson, 4428 East 14th St., Oakland.
Architect—None. $2500 each

DWELLING
(3266) N SHAW ST., 107 E FRAZIER Oakland. 1-story 4-room dwelling.
Owner—C. W. Boden, Syndicate Bldg., Oakland.
Architect—None. $1500

DWELLING
(3267) E 64TH AVE., 330 N EAST ,14th St., Oakland. 1-story 5-room dwelling.
Owner—Manuel Nunes, 22nd Ave. & East 25th St., Oakland.
Architect—None.
Contractor—Chas. Anderson, 2308 265th , Ave., Oakland. $3100

DWELLING
(3268) N THERMAL AVE 150 E 98TH Ave., Oakland. 1-story 5-room dwelling.
Owner—Snowden & Billington, 2569 98th Ave., Oakland.
Architect—None. $3000

STORE & OFFICE
(3269) SE COR 13TH AVE & EAST 12th St., Oakland. 1-story tile store and office.
Owner—M. Ough, 1221 East 12th St., Oakland.
Architect—None.
Contractor—J. Kingrea, 4116 Terrace St., Oakland. $1350

BATTERY STATION
(3270) S E-12TH ST., 70 E-9TH AVE., Oakland. 1-story tile battery station.

NOW READY FOR DELIVERY—
PRIDDLE'S TABLES, called "3700 Spiay Bases and Other Calculations," for Quantity Surveyors and Contractors.
Loose Leaves in Fabrikoid Covers $3.50 Net, Postpaid. Same in Genuine Leather Covers $5.50 Net, Postpaid.
Mail Personal Check to ARTHUR PRIDDLE, Publisher, 693 Mission St., San Francisco, Calif., U. S. A.

Owner—Louis Saroni, 725 Battery St., San Francisco.
Architect—None.
Contractor—C. P. Pond, 6664 East 14th St., Oakland. $2500

DWELLING & GARAGE
(3271) SE COR. 21ST AVE & EAST 17th St., Oakland. 1-story 6-room dwelling and garage.
Owner—E. S. Watkins, 2102 East 17th St., Oakland.
Architect—None. $3650

DWELLING
(3272) 3152 26TH AVE., Oakland. 1-story 5-room dwelling.
Owner—Angus Craing, 1440 65th Ave., Oakland.
Architect—None. $3000

APARTMENTS (2)
(3273) S WAYNE AVE 430-480 E Hanover Ave., Oakland. Two 2-story 16-room apartments.
Owner—A. A. Mehaffey, 1636 Franklin St., Oakland.
Architect—None.
Contractor—California Builders, 1626 Franklin St., Oakland. $40,000

APARTMENT & GARAGE
(3274) W YORK ST 138 S PRINCE St., Oakland. 2-story 16-room apartment and garage.
Owner—M. Dougery, 1636 Franklin St., Oakland.
Architect—None.
Contractor—California Builders, 1636 Franklin St., Oakland. $15,500

RESIDENCE
(3275) 38 N OF 2576 FOURTEENTH Ave., Oakland. General contract for 1-story residence, cement or stucco.
Owner—Mrs. M. Edwards, Oakland.
Architect—None.
Contractor—Roy Conner, 2848 Hopkins St., Oakland.
Filed June 18, 1924. Dated June 16, 1924
Frame up, brown mortar.....$1800
Equity in lot 600
Usual 35 days 975
TOTAL COST, $3375
Bond, sureties, forfeit, none. Limit, 60 days after June 16, 1924. Plans and specifications filed.

BUNGALOW
(3276) LOT 5, BLK. M, MAP ENTITled Excelsior Heights, Oakland. General contract for 1-story 6-room frame bungalow.
Owner—Adrieana Jacques.
Architect—Oliver Legault, 96 Montel St., Oakland.
Contractor—Oliver Legault, 96 Montel St., Oakland.
Filed June 19, 1924. Dated June 18, 1924
Frame up $1425
Brown coated 1425
Completed 1425
Usual 35 days 1425
TOTAL COST, $6700
Bond, sureties, none. Forfeit, $2.00 per day. Limit, 90 working days after recording contract. Plans and specifications filed.

ALTERATIONS
(3277) 2576 FOURTEENTH AVE., Oakland. Remodeling and addition to bungalow.
Owner—Mrs. M. Edwards, Oakland.
Architect—None.
Contractor—Roy Conner, Oakland.
Filed June 18, 1924. Dated June 17, 1924
Frame up $875
Completed 800
TOTAL COST, $1675
Bond, sureties, none. Forfeit, $1.00. Limit, 60 working days from June 17, 1924. Plans and specifications filed.

PLUMBING, ETC.
(3278) LOT 25 AND PTN. OF LOTS 21, 24, 26, 28, 29 and 30, also ptn. Lot 24, Map of Madison Square, Elmhurst. Plumbing, piping, sewering, gas fitting and sheet metal work for theatre and store bldg.
Owner—Junior Monarch Hay Press Co., San Leandro.
Architect—A. W. Cornelius, 625 Market St., S. F.
Contractor — Robert D. Feasey & Charles Moll, co-partners, (Feasey & Moll), Oakland.
Filed June 18, 1924. Dated June 16, 1924
75% of estimated value of work and materials 1st each month
Usual 35 days 25%
TOTAL COST, $3515
Bond, filed. Sureties, American Indemnity Co. Forfeit, none. Limit, 90 days after June 16, 1024. Plans and specifications filed.

DWELLING
(3279) 1027 EUCLID AVE., Berkeley. Dwelling.
Owner—H. L. Cardoo, 1027 Euclid Ave., Berkeley.
Architect—None. $5000

DWELLING
(3280) 1020 FRESNO AVE., Berkeley. Dwelling.
Owner—A. Harkanson, 95 Ventura Ave. Albany.
Architect—E. W. Hyde.
Contractor—A. Hakanson, 95 Ventura Ave., Albany. $6000

DWELLING
(3281) 1795 HOPKINS AVE., Berkeley. Dwelling.
Owner—C. B. Frost, 1926 University Ave., Berkeley.
Designer—Fox Bros., 1926 University Ave., Berkeley.
Contractor—Fox Bros., 1926 University Ave., Berkeley. $4000

DWELLING
(3282) 560 SANTA BARBARA AVE., Berkeley. Dwelling.
Owner—Geo. MacElroy, Willits, Cal.
Architect—None.
Contractor — C. M. Rogers, 540 San Louis Rd., Berkeley. $4500

LAUNDRY BLDG.
(3283) CLEMENT AVE. BET. OAK and Park, Alameda. Laundry bldg.
Owner—Cavanaugh.
Architect—None.
Contractor—M. H. Fish, 1333 Fountain St., Alameda. $5000

DWELLING
(3284) LOT 20, BLK. E. Waterside Terrace Bay Vista, Alameda. 1-story 6-room dwelling and garage.
Owner—M. A. L. Hansen, 1553 5th St., Alameda.
Architect—None.
Contractor — Albert A. Haskell, 4331 Montgomery St., Oakland. $4750

DWELLING
(3285) 1014 PEARL ST., Alameda. 1-story 5-room dwelling.
Owner—G. H. Noble, 1336 Park St., Alameda.
Architect—None. $3500

DWELLING
(3286) 2718 WASHINGTON, Alameda. 1-story 6-room dwelling.
Owner — G. H. Noble, 1336 Park St., Alameda.
Architect—None. $4000

DWELLING
(3287) E DUNCAN WAY 127 N Glenwood Glade, Oakland. 1½-story 6-room dwelling.
Owner—Mary McAuley, 8837 Shattuck Ave., Oakland.
Architect—None.
Contractor — MasDonell & Foreman, 1686 Shattuck Ave., Berkeley. $4900

DWELLINGS
(3288) E FOURTEENTH AVE. 788 N E-24th St., Oakland. 1-story 5-room dwelling.
Owner—Mrs. N. Edwards, 2576 14th Ave Oakland.
Architect—None.
Contractor—Roy Conner, 2848 Hopkins St., Oakland. $3000

ADDITION
(3289) 2576 FOURTEENTH AVENUE Oakland. Addition.
Owner—Mrs. M. Edwards, 2576 14th Ave., Oakland.
Architect—None.
Contractor—Roy Conner, 2848 Hopkins St., Oakland. $1500

DWLG. & STORE
(3290) S E COR. GALINDO ST. AND 35th Ave., Oakland. 1-story 7-room dwelling and store.
Owner — L. Zunino, 2611 Calhoun St., Alameda.
Architect—None.
Contractor — A. R. Fricke, 2080 35th Ave., Oakland. $6500

DWELLING
(3291) W HADDON RD. 80 S Hillgirt Circle, Oakland. 2-story 11 room dwelling.
Owner—C. Adame, Haddon Road, Oakland.
Architect — Miller & Warnecke, 2204 Alameda Title Ins. Bldg., Oakland.
Contractor—Leo F. Kochendorfer, 2204 Lincoln Ave., Alameda. $18,000

DWELLING
(3292) E MONTCLAIR AVE. 150 S Excelsior Ave., Oakland. 1-story 6-room dwelling.
Owner—Andriena Jaques, 4248 Montgomer St., Oakland.
Architect—None.
Contractor—O. Legault, 96 Montell St., Oakland. $5700

DWELLINGS
(3293) W ONE HUNDRED SIXTH Ave. 250 N Boothill Blvd., Oakland Two 1-story 5-room dwellings and garages.
Owner—McAnulty Brothers, 106th Ave and Foothill Blvd., Oakland.
Architect—None. $3700 each

DWELLING
(3294) 6008 SCENIC WAY, Oakland. 1-story 5-room dwelling.
Owner—D. W. Parks, 2536 63rd Ave., Oakland
Architect—None. $2900

SCHOOL
(3295) SEVENTY-NINTH AVE. AND Olive St., Oakland. Two 1-story 1-room schools.
Owner—City of Oakland.
Architect—None.
Contractor—J. R. Faulkes, 9828 E-14th St., Oakland. $1500 each

DWELLING
(3296) 2726 SIXTY-EIGHTH AVENUE Oakland. 1-story 5-room dwelling and garage.
Owner—Rugg & Lisbon, 616 25th St., Oakland.
Architect—None. $3675

SCHOOLS
(3297) SIXTY-FOURTH AVE. AND Foothill Blvd., Oakland. Four 1-story 1-room schools.
Owner—City of Oakland.
Architect—None.
Contractor—J. R. Faulkes, 9828 E-14th St., Oakland. $1500 each

ALTERATIONS
(3298) 514 THIRTY-EIGHTH STREET Oakland. Alterations.
Owner — Mrs. Mary S. Coppage, 2515 Ashby Ave., Berkeley.
Architect—None.
Contractor—Nick Wierk, 404 45th St., Oakland. $3000

DWELLING
(3299) SW COR. E-THIRTY-SIXTH St. and Bruce St., Oakland. 1-story 6-room dwelling and garage.
Owner—A. H. Secombe, 414 7th St., Oakland.
Architect—None. $4750

ALTERATIONS
(3300) 1355 E-THIRTY-THIRD ST., Oakland. Alterations.
Owner—S. D. Brigham, 1371 E 33rd St. Oakland.
Architect—None. $1000

DWELLING
(3301) LOTS 9 & 10 BLK O Amended map of Moss Tract. General contract for 6-room frame dwelling.
Owner — Ewald Lawrence Fritz and Hilma Augusta Fritz, 1957 84th Ave Oakland.
Architect—Jos. Flittner.
Contractor—Joseph Flittner, 1700 35th Ave., Oakland.
Filed June 20, 1924. Dated June 19, 1924.
Frame up $1000
Plastered 1000
Completed and accepted 1000
Usual 35 days 1000
TOTAL COST, $4000
Bond, Sureties, none; Forfeit, $1 day; Limit, 90 days after June 21, 1924; Plans and specifications filed.

RESIDENCE
(3302) POR LOT 29 & ALL OF LOT 28 Block 1 Lakeshore Highlands, Oakland. General contract for 2-story residence and garage.
Owner—A. A. Richards, Oakland.
Architect—None.
Contractor—L. A. Peters, 3347 Brookdale, Oakland.
Filed June 19, 1924. Dated June 19, 1924
Rafters in place $1965
First coat plaster 1965
Completed and accepted 1965

Usual 35 days 1965
TOTAL COST, $7860
Bond $—; Sureties, Natl. Surety Co. of N. Y.; Forfeit, $5 per day; Limit, 70 working days from date of contract; Plans and specifications filed.

BUNGALOW
(3303) POR LOT 8 BLK C MAP OF part of Woolsey Tract. General contract for 5-room bungalow and garage.
Owner—Norman A. Hollister, 1713 Parker St., Berkeley.
Architect—None.
Contractor—Lloyd M. Sims, 1812 Virginia St., Berkeley.
Filed June 20, 1924. Dated May 29, 1924
Frame up $1060
Ready for plaster 1050
Completed and accepted..... 1600
Usual 35 days 1050
TOTAL COST, $4650
Bond, none; Forfeit, $10 per day; Limit 60 working days; Plans and specifications, none.

DWELLING
(3304) LOT 23, BLK. 7, Matthews Tract. General contract for 1-story 5-room dwelling and garage.
Owner—C. W. Sawyer and Kate Sawyer, 1336 Spence St., Berkeley.
Designer—O. H. Butzke, 1315 66th St., Berkeley.
Contractor—O. H. Butzke, 1315 66th St. Berkeley.
Filed June 20, 1924. Dated May 29, 1924.
Frame up $875
1st coat plaster 875
Completed 875
Usual 35 days 875
TOTAL COST, $3500
Bond, $1750. Sureties, W. McPherson and C. W. Sawyer. Forfeit, none. Limit Aug. 15, 1924. Plans and specifications filed.

DWELLING
(3305) 741 THE ALAMEDA, Berkeley. Dwelling.
Owner—F. L. Woodburn, 1143 The Alameda, Berkeley.
Architect—None.
Contractor—F. L. Woodburn, 1143 The Alameda, Berkeley. $5060

DWELLING
(3306) 2220 DERBY ST., Berkeley. Dwelling.
Owner — Mrs. Haley, 2157 Ward St., Berkeley.
Designer—R. Wolf, 1609 Grant St., Berkeley.
Contractor — R. Wolf, 1609 Grant St., Berkeley. $4500

DWELLING
(3307) 2900 ACTON, Berkeley. Dwelling.
Owner—A. R. Rowe 376 Santa Clara St. Berkeley.
Designer—J. Floyd Perry, 376 Santa Clara, Berkeley.
Contractor—J. Floyd Perry, 376 Santa Clara, Berkeley. $2800

DWELLING
(3308) 1782 ROSE ST., Berkeley. Dwelling.
Owner—R P. Patrick, 437 Perkins St., Berkeley.
Architect—H. A. Bayley, 3046 College Ave., Berkeley. $4200

DWELLING
(3309) 1601 BEVERLY PLACE, Berkeley. Dwelling.
Owner—Emily Seifert, Beverly Place, Berkeley.
Designer—H. Dubenhoff, 2479 Shattuck Berkeley.
Contractor — H. Dubenhoff, 2479 Shattuck Ave., Berkeley. $3000

DWELLING
(3310) 1328 REGENT, Alameda. 1-sto. 6-room dwelling.
Owner—A. T. Anderson, 1328 Regent Alameda.
Architect—None.
Contractor — J. H. Rockingham, 1431 Grand St., Alameda. $3700

DWELLING
(3311) S SANTA CLARA AVE E Union Alameda. 1½-story 6-room dwlg.
Owner—Manual Arilla, 1717 Chestnut St., Alameda.
Architect—None. $4000

DWELLING
(3312) 1231 BAY STREET, Alameda. Two-story 6-room dwelling.
Owner—Mrs. Wm. Baehr, 1243 Bay St., Alameda.
Architect—Miller & Warnecke, 14th & Franklin St., Oakland.
Contractor — Vernon E. Thorp, 1718 Alameda Ave., Alameda. $6000

ADDITION
(3313) 1329 CAROLINA ST., Alameda. Addition.
Owner—Mrs. J. H. Merrill, 1329 Caroline St., Alameda.
Architect—None.
Contractor—Vernon E. Thorp 1718 Alameda Ave., Alameda. $1000

DWELLING
(3314) 2237 CLINTON AVE., Alameda. 1-story 6-room dwelling.
Owner—A. E. Wyber, Everett St., Alameda.
Architect—None.
Contractor—Alex C. Wieben, 839 Roosemount Road, Oakland. $4900

DWELLING
(3315) HAWTHORNE STREET, Alameda. 1-story 5-room dwelling.
Owner—Nelson M. Jacobs, 1324 Bay St. Alameda.
Architect—W. O. Lewis, Bacon Building, Oakland.
Contractor—W. O. Lewis, Bacon Bldg., Oakland. $5000

DWELLING
(3316) 3211 MONTE VISTA AVE., Alameda. 1-story 4-room dwelling.
Owner—Evan D. Evers, 1170 Park Ave., Alameda.
Architect—None. $3800

DWELLING
(3317) 785 PACIFIC AVE., Alameda. 1-story 6-room dwelling.
Owner—R. H. Noy, 909 Pacific Ave., Alameda.
Architect—None.
Contractor — L. R. Richards, 1614 Bay St., Alameda. $3300

DWELLING
(3318) 3009 VAN BUREN ST., Alameda. One-story 4-room dwelling.
Owner—Emma Ninekirk, 1810 Pacific Ave., Alameda.
Architect—None.
Contractor — Howard Williford, 3237 Bayo Vista Ave., Alameda. $2900

DWELLING
(3319) E ADELL COURT 300 N Montana St., Oakland. 1-story 6-room dwelling and garage.
Owner—Melrose Realty Company, 4566 E-14th St., Oakland.
Architect—None.
Contractor—H. S. Foreman, 3411 Sheffield Ave., Oakland. $4750

DWELLING
(3320) S BOSTON AVE. 937 N Hopkins St., Oakland. 1-story 5-room dwlg.
Owner—George D. Home, 2907 East 15th St., Oakland.
Architect—None. $3400

DWELLING
(3321) NW COR. EIGHTY-EIGHTH Ave. and B St., Oakland. 1-story 4-room dwelling.
Owner—C. O. Jewell, 8725 B St., Oakland.
Architect—None. $1900

DWELLING
(3322) 1331 EIGHTY-SIXTH AVENUE Oakland. 1-story 7-room dwelling.
Owner—Angelo Pilatti, 1331 86th Ave., Oakland.
Architect—None.
Contractor—Peterson & Anderson, 4120 Masterson St., Oakland. $5000

ADDITION
(3323) SW COR. SCHOOL & DELLview Sts., Oakland. Addition.
Owner—J. V. Symington, 3091 Dellview St., Oakland.
Architect—None. $1000

DWELLINGS
(3324) W SEVENTY-SEVENTH AVE. 318 348 S E-14th St., Oakland. Two 1-story 3-room dwellings.
Owner—R. E. Neikirk, 476 Breed Ave., San Leandro.
Architect—None. $2000 each

DWELLING
(3325) E THORN ROAD NEAR GOULdin Road, Oakland .1-story 3-room dwelling.
Owner—L. B. Wood, 671 55th St., Oakland.
Architect—None.
Contractor—R. H. Fallmaer, 1427 27th Ave., Oakland. $1600

DWELLING
NO. 1951 EIGHTY-FOURTH AVENUE, Oakland. 1-story 6-room dwelling and garage.
Owner—Ewald Lawrence Fritz, 1957 84th Ave., Oakland.
Architect—None.
Contractor — Jos. Flittner, 1700 35th Ave., Oakland.
NOTE — Recorded contract reported June 21, 1924, No. 3301. $4000

PLUMBING
(3326) COM. AT THE MOST E COR. of a certain 10-acre tract conveyed by Central Natl. Bank of Oakland to the Victor Talking Machine Co. SW 456.2 SE 544 29 NE 453.81 NW 608.29. Plumbing for 1-story office and factory class C building.
Owner—Illinois Wire & Cable Co., 417 Market St., San Francisco.
Architect—Washington J. Miller, 417 Market St., San Francisco.
Filed June 21, 1924. Dated June 14, 1924
1st & 16th each mo. 75%
36 days after 25%
TOTAL COST, $2719
Bond, $—; Sureties, Fidelity & Deposit Co. of Maryland; Forfeit, $50 per day; Limit, none; Plans and specifications filed.

(3327) ELECTRICAL WORK ON
Contractor—Slater Electric Co., Oakland.
Filed June 21, 1924. Dated June 14, 1924
Payments same as above.
TOTAL COST, $3629
Bond, $—; Sureties, Globe Indemnity Co.; Forfeit, $50 per day; Limit, within 2 days from final coat of paint; Plans and specifications filed.

GARAGE BLDG.
(3328) LOT 30 AND POR LOT 29 Map of Lincoln Homestead Union. General contract for garage bldg.
Owner—Elsie W. Rand, 3 Greenbank Berkeley.
Architect—Howard Schroeder, 357 12th Oakland.
Contractor—M. E. Hopper & Son., 1117 Webster St., Oakland.
Filed June 21, 1924. Dated June 18, 1924
When walls are up.....$2750
175
Roof on 2675
Completed and accepted 2675
Usual 35 days 2675
TOTAL COST, $10,950
Bond, Forfeit, none; Limit, 45 days after June 23, 1924; Plans and specifications filed.

DWELLING
(3329) 2564 BUENA VISTA AVE., Berkeley. Dwelling.
Owner—Byron Smith.
Architect—J. E. Ballantine, 526 Powell St., San Francisco.
Contractor—G. J. Maure & Co., 177 Ridgeway, Oakland. $8000

DWELLINGS (2)
(3330) 1516-18 GROVE ST., Berkeley. Two dwellings.
Owner—G. W. Muther, 5519 Thomas Ave., Oakland.
Architect—None.
Contractor—G. W. Muther, 5519 Thom-Ave., Oakland.
$5500 and $3500

DWELLING
(3331) 2414 HILGARD AVE., Berkeley. Dwelling.
Owner—Miss F. Schneider, 348 Grand Ave., Oakland.
Architect—None.
Contractor—H. Dubenhoff, 2479 Shattuck Ave., Berkeley. $7000

RESIDENCE
(3332) 1211 GRAND ST., Alameda. 1-story 6-room stucco residence.
Owner—J. O. Hansen, 1037 Regent, Alameda.
Architect—None. $3750

DWELLING
(3333) E ABBEY ST 250 S ALLENdale Ave., Oakland. 1-story 4-rm. dwelling.
Owner—W. J. McCain, 1431 10th St., Oakland.
Architect—None. $2000

DWELLINGS (2)
(3334) 1251-1253 84TH AVE., Oakland. Two 1-story 3-room dwellings.
Owner—S. Kemp, Sr., 1884 Alcatraz Ave., Oakland.
Architect—None. $2000 each

GARAGE
(3335) N E-14TH ST 200 W HIGH ST, Oakland. 1-story concrete gar.
Owner—Cochran & Celli, 414 5th St., Oakland.
Architect—None.
27th St., Oakland. $1000

DWELLING
(3336) 3266 HYDE ST., Oakland. 1-sto. 5-room dwelling.
Owner—Arthur Zahl, 2610 25th Ave., Oakland.
Architect—None.
Contractor—W. Adamski, 3053 Delaware St., Oakland. $4000

DWELLING
(3337) E MINNA AVE 69 S LIESE Ave., Oakland. 1-story 5-room dwelling.
Owner—Geo. J. Walters, 3620 Porter St., Oakland.
Architect—None.
Contractor—Paul La Voice, 3551 Abbey St., Oakland. $2800

DWELLING
(3338) SW COR MOUNTAIN BLVD. & Florance, Oakland. 1-story 6-rm. dwelling.
Owner—C. C. Rosenberry, R. 1, Box 1946, Oakland.
Architect—None. $5000

DWELLING
(3339) 2741 75TH AVE., Oakland. 1-story 5-room dwelling.
Owner—J. C. Pearce, 2121 65th Ave., Oakland.
Architect—None. $3000

DWELLING
(3340) 1650 68TH AVE., Oakland. 1-story 5-room dwelling.
Owner—Chas. Welling, 589 47th St., Oakland.
Architect—None. $3500

DWELLING
(3341) N 65TH ST 160 W IDAHO ST., Oakland. 1-story 5-room dwelling.
Owner—Wm. Bernardine, 1054 65th St., Oakland.
Architect—None.
Contractor—M. J. Corley, 4505 Grove St., Oakland. $3850

DWELLING
(3342) W WEST ST 75 S 46TH ST., Oakland. 1-story 4-room dwlg.
Owner—A. & A. Isola, 807 46th St., Oakland.
Architect—None.
Contractor — Henry Lundgren, 1110 Parker St., Berkeley. $3500

GARAGE
Oakland. 1-story brick garage.
Owner—Elsie W. Rand, Piedmont, Cal.
Architect—None.
Contractor—M. E. Hopper & Sons, 1117 Webber St., Oakland. $10,950
Note recorded contract reported June 23, 1924; No. 3328.

REMODELING & ADDITION
(3343) S VISTA AVE 130 E FROM Elm of Bonita Ave NE 95 SE 154.50 ft. to N line of Magnolia Ave, thence along Magnolia Ave 96.95 ft. NW 174.29 ft. to pt. of beg. Painting woodwork, sheet metal work, etc., remodeling and additions on City Hall and Firehouse.
Owner—City of Piedmont, Piedmont.
Architect—F. H. Meyer & Albin R. Johnson, 742 Market St., San Francisco.
Contractor, Raphael Zelinsky, 693 Mission St., San Francisco.
Filed June 23, '24. Dated June 20, '24. 1st of each month.....75%
Usual 35 days 25%
TOTAL COST, $2757
Bond, none. Sureties, none. Forfeit, none. Limit, 100 working days. Plans and specifications filed.

ELECTRICAL WORK
(3344) S VISTA AVE 130 E FROM Elm of Bonita Ave NE 95 SE 154.50 ft. to N line of Magnolia Ave., thence along Magnolia Ave. 96.95 ft. NW 174.29 ft. to pt. of beg. Electrical work, remodeling and additions.
Owner—City of Piedmont, Piedmont.
Architect—Frederick H. Mayer, & Albin R. Johnson, 742 Market St., San Francisco.
Contractor—Roberts Mfg. Co., 2270 Broadway, Oakland.
Filed June 23, '24. Dated June 20, '24. 1st of each month.....75%
Usual 35 days 25%
TOTAL COST, $865
Bond, none. Sureties, none. Forfeit, none. Limit, 100 working days. Plans and specifications filed.

ALTERATIONS & ADDITIONS
(3345) S VISTA AVE 130 E FROM Elm of Bonita Ave NE 95 SE 154.50 ft. to N line of Magnolia, Avenue, thence along Magnolia Ave 96.95 ft. NW 174.29 ft. to pt. of beg. Alterations and additions on City Hall and Fire House.
Owner—City of Piedmont, Piedmont.
Architect—None.
Contractor—Fred J .Westlund, 795 Highland, Oakland.
Filed June 23, '24. Dated June 20, '24. 1st of each month.....75%
Usual 35 days 25%
TOTAL COST, $23,970
Bond, none. Sureties, none. Forfeit, none. Limit, none. Plans and specifications filed.

ALTERATIONS & ADDITIONS
(3346) S VISTA AVE 130 E FROM Elm of Bonita Ave NE 95 SE 154.50 ft. to N line of Magnolia Avenue thence along Magnolia Ave 96.95 ft. NW 174.29 ft. to pt. of beg. Plumbing and alterations and additions on City Hall and Fire House.
Owner—City of Piedmont, Piedmont.
Architect—Frederick H. Meyer & Albin R. Johnson, 42 Market Street, San Francisco.
Contractor—Carl T. Doell, 467 21st St., Oakland.
Filed June 23, '24. Dated June 20, '24. 1st of each month.....75%
Usual 35 days 25%
TOTAL COST, $2155
Bond, none. Sureties, none. Forfeit, none. Limit, 100 working days. Plans and specifications filed.

(3347) NO. 1814 EVERETT ST., Alameda. One-story 6-room dwlg.
Owner—Matilda Ghilleri, Premises.
Architect—None.
Contractor—Geo. W. King, 2054 Alameda Ave., San Francisco. $5500

STORE BLDG.
(3348) NE LINCOLN AVE & CHESTNUT St., Alameda. Two-story frame store building.
Owner—A. Andronico, 2002 Pacific Ave. Alameda.
Architect—Geo. W. Cantrell, Monadnock Bldg., San Francisco.
Contractor—Walter Rideout, 1536 St. Charles St., Alameda. $7800

STORE
(3349) NO. 3218 ADELINE ST., Berkeley. Store.
Owner—Victor Jallie, 3218 Adeline St., Berkeley.
Architect—None.
Contractor—G. F. King, 1541 Virginia St., Berkeley. $2000

STORES
(3350) NO. 2180 DWIGHT WAY, Berkeley. Stores.
Owner—F. T. Holbrook, 2115 Haste St., Berkeley.
Architect—None.
Contractor—G. F. King, 1541 Virginia St., Berkeley. $11,500

DWELLING
(3351) NO. 1801 HIGHLAND PLACE, Berkeley. Dwelling.
Owner—Irwin Pichel, Premises.
Architect—Cox Bros., 2121 Shattuck Ave., Berkeley.
Contractor — H. B. Spaulding, 1337 Grant St., Berkeley. $5500

PERMITS

ADDITION
(3352) 3941 FOOTHILL BLVD., Oakland. Addition.
Owner — James Wilson, 3941 Foothill Blvd., Oakland.
Architect—None. $2000

ALTERATIONS
(3353) 3602 FRUITVALE AVE., Oakland. Alterations.
Owner — J. Anderson, 3602 Fruitvale Ave., Oakland.
Architect—None.
Contractor—L. A. Chew, 2207 19th Ave., Oakland. $2500

DWELLING
(3354) 3227 MADELINE ST., Oakland. 1-story 5-room dwelling.
Owner—Justus Norris, 524 17th Street, Oakland.
Architect—None.
Contractor—R. E. Norris, 3466 Woodruff Ave., Oakland. $3000

ALTERATIONS
(3355) 522 SEVENTH ST., Oakland Alterations.
Owner—A. Friedberg, 552 7th St., Oakland.
Architect—None. $5000

DWELLING
(3356) W SEVENTY-FIFTH AVE. 166 S Hawley St., Oakland. 1-story 4-room dwelling.
Owner — E. V. Carstens, 695 43rd St., Oakland.
Architect—None. $2000

DWELLING
(3357) E SIXTIETH AVE. 175 S Camden St., Oakland. 1-story 6-room dwelling.
Owner—Cora Barretto, Oakland.
Architect—None.
Contractor—H. Parsons, 1839 68th Ave Oakland. $3000

ADDITION
(3358) SE COR. SIXTIETH AVE AND Fortune Way, Oakland. Addition.
Owner—T. J. McCord, 4741 East 14th St., Oakland.
Architect—None. $1000

DWELLING
(3359) W VICENTE ST. 300 S 58th St., Oakland. 1-story 5-room dwelling and garage.

THE SAN FRANCISCO SAVINGS AND LOAN SOCIETY
(THE SAN FRANCISCO BANK)
SAVINGS COMMERCIAL
INCORPORATED FEBRUARY 10th, 1868.
One of the Oldest Banks in California, the Assets of which have never been increased by mergers or consolidations with other Banks.
Member Associated Savings Banks of San Francisco
526 California Street, San Francisco, Cal.
DECEMBER 31st, 1923
Assets..... $89,174,468.57
Capital, Reserve and Contingent Funds..... 3,850,000.00
Employees' Pension Fund..... 430,275.37
MISSION BRANCH.....Mission and 21st Streets
PARK-PRESIDIO DISTRICT BRANCH.....Clement St. and 7th Ave.
HAIGHT STREET BRANCH.....Haight and Belvedere Streets
WEST PORTAL BRANCH.....West Portal Ave. and Ulloa St.
Interest paid on Deposits at the rate of
FOUR AND ONE QUARTER (4¼) per cent per annum,
COMPUTED MONTHLY and COMPOUNDED QUARTERLY,
AND MAY BE WITHDRAWN QUARTERLY

Owner—Mrs. Myrtle Fitts, 5727 Vicente St., Oakland.
Architect—None.
Contractor—Geo. C. Nall, 930 41st St., Oakland. $3500

BUNGALOW
(3360) NO LOCATION, Oakland. General contract for duplex bungalow.
Owner—Gust Ekstrom and Esther Ekstrom, 3061 23rd Ave., Oakland.
Architect—None.
Contractor—Emil Lindquist, 2235 Bancroft Way, Berkeley.
Filed June 23, 1924. Dated May 27, 1924
When frame is up $1375
Brown plaster is on 1375
Completed and accepted 1375
Usual 35 days 1375
Monthly installments 1000
TOTAL COST, $6500
Bond, $—; Sureties, U. S. Fidelity and Guaranty Co.; Forfeit, Limit, none; Plans and specifications filed.

DWELLING
(3361) 1700 BLOCK CLINTON AVE., Alameda. 1-story 5-room dwlg.
Owner—G. W. Emmons, 891 Union St.
Architect—None.
Contractor—H. W. Barnes, 64 Garland Ave., Oakland. $5400

DWELLING & GARAGE
(3362) 2439 SCENIC AVE., OAKLAND. 1-story 5-room dwelling.
Owner—E. T. Mattison, 3629 Laguna Ave., Oakland.
Architect—None. $3500

ALTERATIONS & ADDITIONS
(3363) 1508 CHESTNUT ST., OAKland. Alterations and additions.
Owner—Miss E. Stony, 1504 Chestnut St., Oakland.
Architect—None.
Contractor—James & Blanchard, 1431 Linden St., Oakland. $1200

DWELLING
(3364) S CLARENDON CRESCENT, 600 E Mandana, Oakland. 1-story 6-room dwelling.
Owner—H. C. Pendleton, 1008 Grand Ave., Oakland.
Architect—Miller & Warnecke, 414 13th St., Oakland. $6000

DWELLING
(3365) 2834 EASTMAN AVE., OAKland. 1-story 5-room dwelling.
Owner—S. H. Graham, 565 Sycamore St., Oakland.
Architect—None.
Contractor—Robert Boston, 4001 Maple Ave., Oakland. $3500

DWELLING & GARAGE
(3366) 1750 87TH AVE., OAKLAND. 1-story 5-room dwelling and gar.
Owner—Harold Derry, 9415 East 14th St., Oakland.
Architect—None.
Contractor—Jos. St. Mary, 9415 East 14th St., Oakland. $3600

DWELLINGS & GARAGES (2)
(3367) 1762-1756 87TH AVE., OAKland. Two 1-story 5-room dwellings and garages.
Owner—Earl Derry, 9415 East 14th St., Oakland.
Architect—None.
Contractor—Jos. St. Mary, 9415 East 14th St., Oakland. $7200

(3368) SW COR FOREST HILL & Tiffan Rd., Oakland. 1-story 6-rm. dwelling.
Owner—John I. Easterly, 2137 Tiffan Rd., Oakland.
Architect—None. $4500

DWELLING
(3369) E HIGH ST 120 S BROOKdale Ave., Oakland. 1-story 6-rm. family dwelling.
Owner—C. A. McLean, 4325 Brookdale Ave., Oakland.
Architect—None. $6000

DWELLING
(3370) S NEY AVE 250 E JUNO ST., Oakland. 1-story 4-room dwlg.
Owner—Geo. F. Key, 2837 Juno Street, Oakland.
Architect—None.
Contractor—G. F. Sconyers, 7725 Ney Ave., Oakland. $2100

DWELLING
(3371) E 19TH AVE 10 N WALLACE St., Oakland. 1-story 5-room dwlg.
Owner—J. E. Sprague, 4518 Edgewood Ave., Oakland.
Architect—None. $3800

DWELLING
(3372) 2200 94TH AVE., OAKLAND. 1-story 4-room dwelling.
Owner—J. J. Early, 341 Montgomery St., San Francisco.
Architect—None.
Contractor—Joe St. Mary, 9415 East 14th St., Oakland. $2000

DWELLING
(3373) N POWELL ST 34 W MARshall St., Oakland. 1-story 5-rm. dwelling.
Owner—Mrs. P. Firpo, 5540 Marshall St., Oakland.
Architect—None.
Contractor—Davis & Sprinkling, 2077 University Ave., Berkeley. $4000

DWELLING & GARAGE
(3374) W SEMINARY AVE 130 S Camden St., Oakland. 1-story 5-room dwelling and garage.
Owner—C. G. Burns, 3075 Seminary Av. Oakland.
Architect—None. $3650

ADDITION
(3375) 917 12TH STREET, OAKLAND. Addition.
Owner—E. J. Cocke, 1321 76th Ave., Oakland.
Architect—None.
Contractor—Grigsby Bros., 2520 9th Ave., Oakland. $3000

DWELLING
(3376) N WALLACE ST 10 W 19TH Ave., Oakland. 1-story 5-room dwelling.
Owner—J. E. Sprague, 4518 Edgewood Ave., Oakland.
Architect—None. $3800

DWELLING
(3377) 4000 WATERHOUSE ROAD, Oakland. 1-story 3-room dwelling.
Owner—J. C. Anos, 3504 Telegraph Av., Oakland.
Architect—None. $1500

COMPLETION NOTICES

ALAMEDA COUNTY

Recorded Accepted
June 18, 1924—N 42 5 FT. OF LOTS 10, 11 and 12, Blk. 2 of the Case Tract, Berkeley. Annie I. Gillespie to E. F. Henderson..June 14, 1924
June 19, 1924—BEG. AT A POINT ON the SW side of Foothill Blvd., 164-3 NW from intersection of Seminary Ave. thence NW 48-9 thence W 116 thence S 105 thence E 108-10½ thence N 22-3 thence W 12 thence N 42-9 thence E 46-1¼ to pt. of commencement. Lenore C. Moulin to G. B. Pasqualetti....June 16, 1924
June 19, 1924—2930 BONA ST., Oakland. Fred Johnson and Josephine Johnson to whom it may concern ..... June 19, 1924
June 19, 1924—SW 125 FT. OF LOT 10, Blk. 1, East Piedmont Heights Extension. Mary Broat to Alfred Peterson ..... May 27, 1924
June 19, 1924—4134 PENNIMAN AVE. Oakland. W. O. and Ellen Bean to whom it may concern..June 19, 1924
June 18, 1924—NE 50 FT. OF LOT No. 1, Blk. L, Map of Flint Tract No 4, being a portion of Oakland Heights. S. A. Warner to whom it may concern ..... June 16, 1924
June 18, 1924—POR. OF LOTS 44, 45, 46 and 47, Blk. H, Map of Laurel Grove Park. H. L. Valleroy to whom it may concern..June 18, 1924
June 18, 1924—POR. OF LOT 5, ALL of 6 and por. of 9, Map of Dimond Park. Alder & Clark to whom it may concern .....June 18, 1924
June 18, 1924—POR. LOT 3, 4 AND 5, Blk. 1, Map of Clifton Park. L. B. Matheyer to whom it may concern ..... June 14, 1924
June 19, 1924 — NW COR. MONTE Vista Ave. and Bayo Vista Ave., Alameda. Noble F. Justice to whom it may concern..June 14, 1924
June 19, 1924—3212 EDWARDS ST., Berkeley. L. A. Peters and E. Belle Peters to L. A. Peters..... ..... June 18, 1924
June 21, 1924 — LOT 23 BLOCK 17 "Northbrae." Mabel M. Bramlage to E. D. Bramlage.....June 20, 1924
June 21, 1924—2721 PLEASANT ST. Lot 34 Blk C "Champion Tract." C. Langeberg to whom it may concern .....June 20, 1924
June 21, 1924—LOTS 5 & 8 BLK 29 Mendenhall Plan of Town of Livermore. John P. Gardella to W. J. Biddle .....June 14, 1924
June 21, 1924—SE ½ OF LOT 3 BLK 7 Map of Broadmoor, San Leandro. Geo. C. Young to Chester A. Gossett .....June 19, 1924
June 21, '24—LOT 13 BLK 25 Amended map of Fairmount Park, Berkeley. Hazel D. Woodburn to R. C. Woodburn .....June 21, 1924
June 21, 1924—LOTS C & F MAP OF Claremont Heights Subdivision No. 1 Alameda County. L. D. Smith to whom it may concern..June 21, 1924
June 20, 1924—NW 50 FT. LOT 31, Key Route Acres. Frederick Gervolstad to whom it may concern.. ..... June 20, 1924
June 20, 1924—LOT 9, BLK. 4, MAP of the Martin Kellogg Property, Berkeley. Laura B. Leisure to Gustaf Johanson .....June 14, 1924
June 20, 1924—POR. PLOT NO. 84, Map of the Ranchos of Vincente & Domingo Peralta, also por. lot 9 & por. of un-numbered lot adjacent thereto in Blk. E, Map of Hopkins Terrace No. 3, Berkeley. Josephine Alice Morgan Barrett to Designers and Builders, Inc., (E. Teicheira, President) ..... Apr. 16, 1924
June 20, 1924—LOT 54, BLK. 25, Map of Havenscourt. Walter Lee to whom it may concern..June 20, 1924
June 23, 1924—LOT 21 & POR. LOT 20 Blk E RE-sub of Kinsell Tract. Joseph and Lulu Crossen to J F Brown.....June 21, 1924
June 23, 1924—POR. LOT 60 BLK 2 Map of Lands of the Regent St. Homestead Assn. Julius I. Blanchard and Anna B. Blanchard to J. J. Hauri.....June 18, 1924
June 23, 1924—LOT 7 BLK 18 MAP of Melrose Heights. A. F. Dagne to whom it may concern.June 15, 1924
June 23, 1924—3040½ TELEGRAPH Ave., Berkeley. John Conant to whom it may concern..June 15, 1924
June 23, 1924—LOTS 35 AND 36 IN Blk Bounded by Hearst Ave. McGee St., Berkeley Way and Calif. St., Berkeley. Pacific Gas and Electric Co. to Robert Dalziel, Jr. .....June 11, 1924
June 23, 1924—1529 BERKELEY WY. Berkeley. Edward Hansen to whom it may concern..June 23, 1924
June 23, 1924—LOT 2 BLK 21 HAVenscourt. Jacob E Lisbon to whom it may concern.....June 21, 1924
June 23, 1924—LOT 4 & E 7 FT OF Lot 5 Blk 6/1000, Resub of Blks H and G of Alton Park. Louis Betman to Oliver Legault..... .....June 19, 1924
June 23, 1924—2115 MONTANA ST., Oakland. George H. Drysdale to whom it may concern..April 1, 1924
June 23, 1924—2927 55TH AVE. OAKland. George H. Drysdale to whom it mal concern .....June 20, 1924
June 24, 1924—LOT 1 BLK 4, University Homestead Assn, Oakland. Nettie M E Kuhlken to Stinkley & Breining.....June 21, 1924
June 23, 1924—2933 FIFTY-FIFTH Ave., Oakland. J W Sigwald to whom it may concern..June 23, 1924
June 23, 1924—PTN BLK 74, Higley's Map of Clinton. Martin Mangalin to whom it may concern.June 21, '24
June 25, 1924—LOT 43 Map Oakland Prospect Homestead, Oakland. E Field to whom it may concern... .....June 19, 1924
June 25, 1924—LOTS 9 AND 11 Maple Heights Tract, Oakland. Alder & Clark to whom it may concern... .....June 25, 1924
June 25, 1924—S SIXTY-SECOND 36 W Baker th S 100 W 72 N 100 E 72, Oakland. John T Fahy to H M Frostholm.....June 16, 1924
June 25, 1924—PTN LOTS 47, 48, 49 and 50 Blk "I" Map Laurel Grove Park, Oakland. Ruth and Chris Adams to W H Matteson and R L Dorrance.....June 24, 1924
June 25, 1924—NO. 15 CAMBRIDGE Way, Piedmont. A E Waldman to whom it may concern..June 24, 1924
June 25, 1924—PTN LOT 1, Map of 22 Acre Tract Surveyed for the Liese Bros., Oakland. H W Shepherd, Clara B Shepherd and Mary A Wood to John Vaughan.June 14, 1924
June 25, 1924—LOT 7 BLK 16, Electric Loop Tract, Oakland. E E Turnmire to George Nickerson.... .....June 21, 1924
June 25, 1924—COM. AT PT. on W line of Franklin 200 N 14th St. th W 125 N 25 E 25 N 17 E 100 S 42 to beg, Oakland. William Cranston,

Inc to Cahill Bros, Inc..June 25, '24
June 25, 1924—LOT 17 BLK "K," Oakland. H T Cosbey to whom it may concern.....June 25, 1924
June 25, 1924—1841 SIXTY-EIGHTH Ave., Oakland. Harry P Parsons to whom it may concern. June 2, '24
June 25, 1924—LOT 3 BLK 14, Daley's Scenic Park, Berkeley. Sarah I Nesemann to E F Henderson..... .....June 25, 1924

LIENS FILED

ALAMEDA COUNTY

Recorded Amount
June 19, 1924—POR. LOT 25, BLK. 3, Map of Lakeshore Highlands. California Door Co. vs. Harvey W. Hannigan and Myrtle F. Hannigan $208.65
June 21, 1924—38699 RHODA AVE., Oakland. R. J. Collins (Dimond El. Co.) vs W. W. Clawson $70
June 21, 1924—LOT 6 & W ½ LOT 7 Blk 11 Chevrolet Park. Wm. F. Garrett (Garrett Mill & Lbr. Co.) vs Richard T. Fisher, R. E. Taylor $295.55
June 21, 1924—POR LOTS 1 2 3 4 Blk 97 Map of Northern Addition to Town of Brooklyn. P. A. Smith Co. vs D. Berger, F W Borden.$139.11
June 21, 1924—LOT 3 BLK 3 Map of Huff Tract San Leandro. P. A. Smith Co., $65.67; J. Costello, $97.15 W. G. Smith, $250; San Leandro Mill & Lumber Co., $655 50; O. K. Brown (The Hoosier Store) $22.50; L. E. Morgan, $44 vs F. W. Borden J. C. Knust.....
June 20, 1924—POR. LOTS 14 AND 15, Map of Templeton Tract, Oakland. N. Abend vs. H. Ananos and Geo. M. Merritt Bldg. Co., Inc....$170
June 24, 1924—NO. 531 MOARGA AV, Piedmont. E A Patterson and L M Patterson (as Patterson Bros) vs William King and Geo W Eliassen $235
June 24, 1924—LOT 22 and SE 2½ Lot 21 Blk 2, Key Route Heights, Oakland. Sunset Lumber Co vs R J Loane.....$173.36
June 24, 1924—PTN LOTS 2 AND 4 Blk "F" Amended May of the Salinger Tract, Oakland. D Del Vigna vs A J Grubbs and E J McCord..$92
June 21, 1924—LOT 2 BLK 3 MAY OF Huff Tract, San Leandro. J. L. Todd and J. Z. Todd (Western Door and Sash Co.) vs. F. W. Borden and J. Krunst $140.00

RELEASE OF LIENS

ALAMEDA COUNTY

June 24, 1924—LOT 21 BLK "C" Map Lower Piedmont Park, Piedmont. New Way Plumbing Co to O A Tausbeck $223.05
June 24, 1924—LOT 31 BLK "M" Map 4th Ave Terrace, Oakland. Oakland Bldg Material Co to Victor Siggs $213.97
June 24, 1924—INTR NE E-18TH ST. with SE Park Blvd or 4th Ave SE 165xNE 100, Oakland. Hogan Lumber & Mill Co to D P Kalitsas $273.25
June 23, 1924—LOT 10, Map Fremont Tract, Oakland. Thomas Knipe (assigned to F W Engelken) to John and Elizabeth Knife.....$508
June 19, 1924—LOTS 26 AND 27, BLK. 193, Kellersbergers Map of Oakland Smith Hardware Co. to C. C. Williams, Advertisers Building, Inc. $278.07
June 19, 1924—LOT 26 AND 27 BLK. 193 Kellersburgers Map of Oakland Richard Ave and Robert Matson, (Eastern Decorating Co), to George and Arthur Hoffschneider, Frank Kristian, Henry Mahoney, David Keily, August L. Gerhard and Charles Williams $340.43

BUILDING CONTRACTS

FRESNO COUNTY

SCHOOL
LOCATION NOT GIVEN, Coalinga. All work for fire escape for school building.
Owner — Coalinga Elementary School District, Coalinga.
Architect—None.
Contractor—Kyle & Co., 333 G St., Fresno.
Filed June 21, '24. Dated Feb. 4, '24.
As work progresses..... 75%
Usual 35 days..... Balance
TOTAL COST, $1590
Bond, $1192. Surety, Fidelity & Casualty Co. Limit, 60 working days. Forfeit, none. Plans and specifications, none.

SCHOOL
LOCATION NOT GIVEN, Coalinga. All work for fire escape for school building.
Owner—Coalinga Union High School District, 4th and Durlan Sts., Coalinga.
Architect—None.
Contractor—Kyle & Co., 333 G St., Fresno.
Filed June 21, '24. Dated Feb. 4, '24.
As work progresses..... 75%
Usual 35 days..... Balance
TOTAL COST, $885
Bond, $663. Surety, Fidelity & Casualty Co. Limit, 60 working days. Forfeit, plans and specifications, none.

PACKING HOUSE
FRESNO. All work for repairs to packing house.
Owner—California Packing Co., 2301 Fresno St., Fresno.
Architect—None.
Contractor—F. J. Stone, Mason Bldg., Fresno.
Filed June 21, '24. Dated June 17, '24.
½ completed $2500
On completion 2663
36 days after..... 1722
TOTAL COST, $6885
Bond, $3500. Surety, Fidelity & Guaranty Co. Limit, 30 working days. Forfeit, none. Plans and specifications none.

STORES, (2), $8000; No. 224-32 Olive Ave., Fresno; owner, N. Aromion; contractor, M. Manoogian, 3122 Washington St., Fresno.

COMPLETION NOTICES

FRESNO COUNTY

Recorded Accepted
June 18, 1924—N 21 FT. LOT 18, all Lot 19, N 17 ft. Lot 16, all Lot 17, S 4 ft. Lot 18, N 13 ft. Lot 14, all Lot 15, S 8 ft. Lot 16 Blk 2, Leona Hts, Fresno. Jack W Bandy to whom it may concern.....June 16, 1924
June 18, 1924—LOTS 43 AND 44 BLK 4, New High School Add'n, Fresno. W H Ede to whom it may concern .....June 17, 1924
June 18, 1924—LOTS 36 AND 37 BLK 11, New High School Add'n, Fresno Geo. H Sund to whom it may concern.....June 17, 1924
June 20, 1924—W 42 FT. OF S 125.2 ft. of N 155.2 ft. of Lot 13, Normal Heights, Fresno. Modern Home Builders to whom it may concern .....June 11, 1924
June 20, 1924—LOT 11, St. Clair No. 2, Fresno. Modern Home Bldrs to whom it may concern...June 18, 1924
June 20, 1924—LOTS 4 AND 5 BLK 1, Palm Heights. Jack W Bandy to whom it may concern...June 1, 1924
June 21, 1924—LOTS 10 AND 11 BLK 1, Dudley Park, Fresno. C L Saylor to whom it may concern..... .....June 20, 1924
June 21, 1924—LOTS 21 AND 22 BLK 3, Normal Vista, Fresno. Chas L Fetter to whom it may concern... .....June 21 1924
June 24, 1924—LOTS 41 42 BLK 20 College Park, Fresno. M. V. Doss to whom it may concern..June 20, 1924
June 24, 1924—E 50 Ft OF N 169.5 ft. of lot 28 Blackstone Villa, Fresno. C. W. Fobes to whom it may concern .....June 23, 1924

LIENS FILED

FRESNO COUNTY

Recorded Amount
June 18, 1924—LOTS 1 AND 2 BLK 3, Torrance Terrace, Fresno. Sunset Lumber Co vs H E Guynn and Valley Bldg & Invst Co.....$427
June 18, 1924—LOT 29, Pleasant View Acres, Fresno. Sunset Lumber Co vs W A Ross and Kathar.....$31
June 19, 1924—LOTS 12 AND 13 BLK 6, Torrance Terrace, Fresno. Van Ness Hardware & Cyclrey vs H E Guynn $23
June 19, 1924—LOTS 16 AND 17 BLK 8, Torrance Terrace, Fresno. Van Ness Hardware & Cyclery vs E D Guynn $38
June 19, 1924—LOTS 15 AND 16 BLK 1, German Addn, Fresno. Evans Plumbing & Heating Co vs Alexander Satler and P A Wolff.....$196
June 19, 1924—LOTS 15 AND 16 BLK 15, K B Heights, Fresno. Routt Lumber Co vs F C Giles.....$32
June 21, 1924—LOTS 1 AND 2 BLK 11 New High School Add'n, Fresno. Standard Planing Mill vs E F Inman $82
June 21, 1924—LOTS 5 AND 6 BLK 6, Washington Heights No. 2, Fresno. E C Walker vs Jack W Bandy $145
June 21, 1924—LOTS 47 AND 48 BLK 6, Sparkmans Ventura Ave Addn, Fresno. Routt Lumber Co vs Mrs. J C Silva.....$119
June 21, 1924—LOTS 15 AND 16 BLK 1, German Addn, Fresno. Stewart & Nuss vs Alexander Staler and P A Wolff Bldg Co.....$66
June 21, 1924—LOTS 39 AND 40 BLK 1, Dale Addn, Fresno. Stewart & Nuss vs Henry Wagner and P A Wolff Bldg Co.....$44
June 24, 1924—LOTS 12 13 BLK 6 Torrance Terrace, Fresno. S. C. Ramage vs H. E. Guynn $22
June 24, 1924—LOTS 15 16 BLK 1 German Add, Fresno. Valley Lumber Co. vs Alex Satler $601

BUILDING CONTRACTS

SAN JOAQUIN COUNTY

ADDITION
N SONORA ROAD being Ptn Sec. 46 of El Rancho del Campo de los Franceses, Stockton. All work for one-story addition of wood frame construction to present school building.
Owner—William Hollenbeck, William Stevenson and T. L. Gardner (as trustees for the Montezuma School District).
Architect—None.
Contractor—H. H. Henning.
Filed June 16, '24. Dated June 13, '24.
TOTAL COST, $11,465
Bond, none. Limit, 90 working days from June 15, 1924. Forfeit, none. Plans and specifications filed.

ALTERATIONS
BLK A LOT 8 and S 35 feet Lot 9, Bowrs Tract, Stockton. All work for alterations and additions to building.
Owner—Dewey R. Powell.
Architect—None.
Contractor—F. R. Zinck.
Filed June 12, '24. Dated June 9, '24.
TOTAL COST, $——
Bond, none. Limit, 40 working days. Forfeit, plans and specifications, none.

BUILDING
BLOCK 3 LOTS 9 & 10 PACIFIC MANor, said lots situated on Fulton St. and Sacramento road. All work for building.
Owner—Adelaide M. Coburn, 1219 E Market, Stockton.
Architect—None.
Contractor—H. W. Johnson, 301 Sonoma, Stockton.
Filed June 21, 1924. Dated May 19, 1924
Payments not given.
TOTAL COST, $10,600
Bond, Forfeit, none; Limit, 90 working days; Plans and specifications, none.

HOUSE
LOT 10 BLK 104 WEST OF CENTER St. All work for 1-story frame house and garage.
Owner—Eldora E. Smith.
Architect—None.
Contractor—V. Grey.
Filed June 25, 1924. Dated —.
Payments not given.
TOTAL COST, $7485
Bond, Forfeit, Limit, Plans and specifications, none.

DWELLING and garage, $7500; 911 West Willow, Stockton; owner, E. E. Smith.
DWELLING, $2500; No. 39 W-Fifth St., Stockton; owner, E. B. Condy, 820 N-Madison St., Stockton.
DWELLING and garage, $5300; No. 1225 W-Garcia St., Stockton; owner, L. A. Shepherd, 525 E-Park St., Stockton.

DWELLING and garage, $4000; No. 129 College Drive, Stockton; owner, William Preustra.
MACHINE shop, $39,000; No. 2001 S-Sacramento St., Stockton; owner, Western Pacific Railway, Poplar & Sacramento Sts., Stockton.
ROUNDHOUSE, $68,000; No. 2001 S-Sacramento St., Stockton; owner, Western Pacific Railway, Poplar and Sacramento Sts., Stockton.
DWELLING and garage, $4000; No. 30 W-Ash St., Stockton; owner, C. M. Patten.
DUPLEX house and garage, $6700; No. 1330 N-Yosemite St., Stockton; owner, C. A. Gustafson, 622 N-Hunter St., Stockton.
DWELLING & garage, $2800; No. 2226 E-Church St., Stockton; owner, H. Hanson, 1510 E-Anderson St., Stockton.
REMODEL and add one-story to store building, $55,000; No. 26 S-Sutter St., Stockton; owner, S. Solari.
DWELLING and garage, $3500; No. 320 E-9th St., Stockton; owner, Wm. Schweitzer Jr., 9th and Sutter Sts., Stockton.
STAIRS and walk to school, $7100; No. 1100 S-Pilgrim St., Stockton; owner, Board of Education, Washington School Bldg., Stockton.
DWELLING and garage, $9500; No. 117 W-Pine St., Stockton; owner, F. P. Dobson, 1041 Vernal Way, Stockton

COMPLETION NOTICES

SAN JOAQUIN COUNTY

Recorded Accepted
June 28, 1924—W 50 FT. LOT 2 Blk B, El Ricardo; also E 148 ft. Lot 1 Blk B, El Ricardo. John Bowden to Alan Stout.....June 16, 1924
June 19, 1924—LOTS 32 AND 33 BLK 19, Searchlight Addition to City of Stockton. Robert J and Hattie B Winston to Peter Monrellini.....
.....June 14, 1924

AGREEMENT TO BUILD

SAN JOAQUIN COUNTY

John R. Humphreys, Alice Smallfield Schneider, Clark G. Wakefield, Alida Barrett and Dr. H. C. Peterson, known herein as the Board of Education of the Stockton School District, acting through Charles H. Young, the authorized supervising architects and superintendents for the owners, to Harvey E. Vickroy as contractor—Agreement dated June 4, 1924, to complete a 10-room school building within 45 working days on that certain block of land bounded on the W by S. Pilgrim St., on the N by E. Jefferson St., on the E by S. Ophir St. and on the S by E. Jackson St., City of Stockton, for $7120.

BUILDING CONTRACTS

SACRAMENTO COUNTY

DWELLING, 4-room and garage, $2500; 2700 57th, Sacramento; owner, C H. Ritchey, 5600 2nd Ave., Sacramento.
REMODEL and make repairs on upper floor, $3500; 1017½ 4th, Sacramento owner, Wm. Douglas, Sacramento; contractor, O. K. Furniture Co., 424 L, Sacramento.
STORE BLDG. (5 stores) $25,600; 3100-42 Folsom Blvd., Sacramento; owner, H. J. Gelling Co., 718 M, Sacramento; contractor, W. C. Keating, Forum Bldg., Sacramento.
DWELLING, 4-room and garage, $2800; 1489 33rd, Sacramento; owner, S. E. Heden, 1040 34th, Sacramento.
DWELLING, 5-room and garage, $4500; 2457 Donner Way, Sacramento; owner, A. G. Seidel, 911 N, Sacramento; contractor, T. B. Hunt, 2926 S, Sacramento.
DWELLING, 6-room and garage, $7100 1014 42nd, Sacramento; owner, H. J. Devine, 1405 41st, Sacramento; contractor, L. F. Gould, 1623 O, Sacramento.
DWELLING 5-room and garage, $3000; 1083 Santa Ynez Way, Sacramento; owner, M. Furtado, 2423 18th Ave., Sacramento.
DWELLING, 1-story 5-room and garage, $5000; 925 44th, Sacramento; owner, R. A. Harvie, 1515 19th, Sacramento; contractor, Haworth and Jones.
PUBLIC GARAGE, 1-sto, $10,500; 1615 J, Sacramento; owner, C. J. Hastings, Marysville; contractors, Thos. B Hunt
DWELLING, 1-story 5-room and garage, $2900; 1820 27th, Sacramento; owner, R. O. Kimbrough, 817 J, Sacramento; contractor, B. H. Bill, 3252 Marshall Way, Sacramento.
DWELLING, 2-story 6-room, and garage, $8000; 740 36th, Sacramento; owner, F. J. Nisetich, 1615 8th, Sacramento; contractor, Holdner Construction Co.
DWELLING, 1-story 5-room and garage, $3800; 2762 36th, Sacramento; owner, J. W. Newhart, 4448 H, Sacramento.
DWELLING, 1-story 5-room and garage, $3000; 2237 36th, Sacramento; owner, Frank Shea; contractor, Bert Cameron, Florin.
DWELLING, 1-story 5-room, and garage, $4000; 700 35th, Sacramento; owner, J. D. O'Conner, 2414 G, Sacramento.
DWELLING, 2-story 6-room, and garage, $6000; 1371 43rd, Sacramento; owner, Carl Wapple, 1405 41st, Sacramento; contractor, Chas. Peterson.
DWELLING, 5-room, and garage, $3500 1020 U, Sacramento; owner, Rosa A. Lude, 3424 42nd, Sacramento; contractor, J. W. Hoopes, 5126 14th Ave., Sacramento.
DWELLING, 2-story 6-room, $2500; owner, Hom Lung, 3510 52nd, Sacramento.

COMPLETION NOTICES

SACRAMENTO COUNTY

Recorded Accepted
June 13, 1924—LOT 3204 ELMHURST Sacramento. M. S. Waters to whom it may concern.....Dec. 28, 1923
June 20, '24—THIRTEENTH, FOURteenth, 15th A and No. B Sts., Sacramento. S. P. Co. rtw of Cen. Pac. Ry. Co. to whom it may concern..
June 20, 1924—SIXTEENTH AND A Sts., Sacramento. S. P. Co. rtw Cen. Pac. Ry. Co.....
June 22, 1924—LOT 11 PLEASANT View Tct. William Davis to whom it may concern .....March 30, 1924
June 22, 1924—LOT 11 EAST COL. Hgts., Sacramento. E. Baltus to whom it may concern..June 20, 1924
June 22, 1924—LOT 12 PLEASANT View Tct., Sacramento. William Davis to whom it may concern....
.....June 18, 1924

LIENS FILED

SACRAMENTO COUNTY

Recorded Amount
June 19, 1924—LOT 45 EAST TERR., Sacramento. Harry McKeon vs Hacket & Jones $215
June 20, 1924—LOT 66 & N 10 FT Lot 67 Heilbron Oaks, Sacramento. Sacramento Lmbr Co. vs Margaret E. Lewis, Fred Hostetter and Coleman & Holmes $2187.23
June 23, 1924—N 20 FT LOT 7 BLK 55 Sub E Oak Park. Ralph Francis under name of Owners Plumbing & Heating Supply Co. vs Gus Agrides, Jim Agrides, Steve Papantouis & Vincent Markovich $230

PIERCE-BOSQUIT
Abstract & Title Co.
Capital Stock $100,000
Sacramento, Placerville, Nevada City, Reno
SACRAMENTO OFFICE
ROSS E. PIERCE, Manager
905 SIXTH STREET

BUILDING CONTRACTS

SAN MATEO COUNTY

RESIDENCE
N 50 FT L 302 SAN MATEO PARK NO. 3, San Mateo. All work for frame residence and garage.
Owner—Clair Howard Russ, San Mateo.
Architect—E. L. Norberg, 409 Occidental, Burlingame.
Contractor—James D. Crichton, J. D. Warren, 620 Prospect, San Mateo.
Filed June 17, 1924. Dated June 16, 1924
Framed $2250
Brown coated 2250
Completed and accepted 2260
Usual 35 days 2260
TOTAL COST, $9000
Bond, $4500; Sureties, Frederick Talt & Ernest Rieberd; Forfeit, $5; Limit $90 working days; Plans and specifications filed.

RESIDENCE
LOTS 39 & 40 BLK 26 San Bruno, San Mateo. All work for residence.
Owner—Joe & Colerma De Resta, S. F.
Architect—None.
Contractor—Norberg & Wicklund, Burlingame.
Filed June 19, 1924. Dated May 30, 1924.
Roof on $1100
Plastered 1100
Completed and accepted 1100
Usual 35 days 1100
TOTAL COST, $4400
Bond, Forfeit, none; Limit, 90 working days; Plans and specifications, none.

BUNGALOW
N ½ LOTS 11 & 12 BLK 10 RANGE C Redwood City. All work for one bungalow.
Owner—J. Hallett, Woodside.
Architect—None.
Contractor—A. W. Russell and S. M. Duncan, Redwood City.
Filed June 19, 1924. Dated May 26, 1924.
Ready for roof $683.75
Brown Coated 683.75
Completed and accepted 683.75
Usual 35 days 683.75
TOTAL COST, $2735
Bond, $1500; Sureties, M. E. Ryan and F. W. Allen; Forfeit, none; Limit, 90 working days; Plans and specifications filed.

BUNGALOW
SAN MATEO. All work for 1-sto frame bungalow.
Owner—W. W. Benepe, 20 Bellvue, San Mateo.
Architect—None.
Contractor—Wallace Waterhouse.
Filed June 11, 1924. Dated May 15, 1924.
Roof on $1312.50
Plastered 1312.50
Completed and accepted 1312.50
Usual 35 days 1312.50
TOTAL COST, $6250
Bond, $2625; Sureties, U. S. Fidelity & Guaranty Co. of Baltimore, Md.; Forfeit, none; Limit, on or before Sept. 15, 1924; Plans and specifications, none.

BUNGALOW
LOT 1 BLK 7 REDWOOD CITY. All work for frame and plaster bungalow.
Owner—Guiseppe Ciglintti.
Architect—H. C. Groom, 147 Birch St., Redwood City.
Contractor — Louis N. Pollard, 65 Brewster, Redwood City.
Filed June 16, 1924. Dated May 28, 1924.
Frame up $1239.75
Brown coated 1239.75
Completed and accepted 1239.75
Usual 35 days 1239.75
TOTAL COST, $4959
Bond, $2500; Sureties, W. P. Gray and Z. T. Thorning; Forfeit, none; Limit, on August 24; Plans and specifications filed.

RESIDENCE
LOT 8 BLOCK 40 EASTON NO. 3, Burlingame. All work for frame residence and garage.
Owner—H. H. Ferns, 1500 Cortez, Burlingame.
Architect—Earl B. Bertz.
Contractor—J. E. Bale, 805 Highland, San Mateo.
Filed June 12, 1924. Dated June 10, 1924.
House and garage raftered....$1575
Brown coated 1575
Completed and accepted 1575
Usual 35 days 1575
TOTAL COST, $6300
Bond, $3150; Sureties, Indemnity Ins.

Co. of N. A.; Forfeit, none; Limit, 90 working days; Plans and specifications filed.

PAINTING
LOT 13 BREWER SUB NO. 2 Hillsbourow. Furnish and do all painting for 2-story frame residence.
Owner — Anna Marie Linden, Burlingame.
Architect—E. S. Norberg, 593 Market St., San Francisco.
Contractor—H. Kasterman, Burlingame
Filed, —. Dated June 11, 1924.
Primed $942.50
Completed and accepted 942.50
Usual 35 days 630.00
Bond, $1257.50; Sureties, Wm. Vincent and J. D. Bromfield; Forfeit, $5; Limit-100 working days; Plans and specifications filed.

RESIDENCE
LOT 13 BOWERS SUB NO. 2 Hillsborough. Plumbing and tinning for 2-story frame residence.
Owner — Anna Marie Linden, Burlingame.
Architect—E. L. Norberg, 593 Market St., San Francisco.
Contractor—H. R. Park, 113 Crescent, Burlingame.
Filed June 16, 1924. Dated June 11, 1924
Roughed in $800
Completed and accepted 800
Usual 35 days 540
TOTAL COST, $2140
Bond, 1070; Sureties, Edward Ruedy & J. F Lindstrom; Forfeit, $5; Limit, 100 working days; Plans and specifications filed.

STORES
SW CORNER BURLINGAME AVE & Hatch Ave., Burlingame. All work for reinforced concrete bldg. (3 stores)
Owner—J. H. Hatch 145 Highland, Burlingame.
Architect—John J. Foley, 770 6th Ave. San Francisco.
Contractor — D. Dlognardi, 319 Highland, San Mateo.
1st each month 75%
Usual 35 days 25%
TOTAL COST, $8598
Bond, $4109.50; Sureties, Hartford Accident & Ind. Co.; Forfeit, none; Limit, 60 working days; Plans and specifications filed.

BUNGALOW
LOT 10 BLK 25 DINGEE PARK, Redwood City. All work for one-story and basement bungalow.
Owner—Morris and Grace Cooper, 520 Warren, Redwood City.
Architect—None.
Contractor—None.
Filed June 17, 1924. Dated June 16, 1924.
Frame up $1950
Plastered 1950
Completed and accepted 1950
Usual 35 days 1950
TOTAL COST, $7800
Bond, $3900; Sureties, Carl Muller and Henry Marcisz; Forfeit, none; Limit, as soon as possible; Plans and specifications filed.

DWELLING
LOT 30 BLK 10 BURLINGAME TERRACE No. 2, Burlingame. All work for frame and stucco dwelling and garage.
Owner — Isabel Hamilton and Agda Larson.
Architect—None.
Contractor — Oscar L. Cavanaugh, 256 State, San Mateo.
Filed June 24, '24. Dated June 21, '24.
Framed $1287.50
Plastered 1287.50
Completed and accepted 1287.50
Usual 35 days 1287.50
TOTAL COST, $5150
Bond, Forfeit, none; Limit, 60 working days; Plans and specifications, none.

BUNGALOW and garage, $10,000; Job 77 ft. of Ocidental Ave. S. M. Park, Burlingame; owner, A. McIntyre, 46 Highland Ave., Burlingame; contracmtor, A. McIntyre, 446 Highland Ave., Burlingame.
BUNGALOW, $4000; Lot 14 Block 4 Paloma Ave., Burlingame; owner, M. C. Warnock, 3930 Mission St., San Francisco, contractor, M. C. Warnock.
BUILDING, Class C, $20,000; Burlingame Ave. 254 ft. west Main St., Burlingame; owner, William Cramston Inc.; architect, John H. Powers & John H. Ahnden, 460 Montgomery St., San Francisco; contractor, Cahill Bros., 9th and Brannan, San Francisco.
ALTER STORES into 4 stores, $6920; Burlingame Ave. & Middlefield, Burlingame; owner, G. H. Hatch, 145 Highland, Burlingame; contractor, Leadly & Wiseman, 207 2nd, San Mateo.
BUNGALOW, $3700; Lot 16 Block 48 Burlingame; owner, W. Kenney 118 Peninsula Ave., Burlingame.
BUNGALOW, $6000; Lot 18 Block 18 Balboa, Burlingame; owner, Mary Wollner; contractor, J. W. Rutherdale, Pacific Realty Co.
BUNGALOW, $6000; Lot 18 Blk 18 Easton No. 2 ,Balboa, Burlingame; owner, Mary Wollner; contractor, J. W. Rutherdale, San Mateo.
BUILDING, Class C, $20,000; northerly side Burlingame Ave. and Main St., Burlingame; owner, Wm Cramstonini; architect, Powers & Ahnden, 460 Montgomery St., S. F.; contractor, Cahill Bros., 110 Sutter St., San Francisco.
BUNGALOWS, 2, and garages, $6000 each; Lots 1 & 2 Blk 62 Easton No. 7 Willside, Burlingame; owner, D. M. Cline; contractor, D. M. Cline.
BUNGALOW and garage, $6000; Lot 8 Blk 40 Easton No. 3 Balboa, Burlingame; owner, H. H. Fern, 1500 Cortez, Burlingame; contractor, J. E. Bale, 805 Highland, San Mateo.

COMPLETION NOTICES

SAN MATEO COUNTY

Recorded Accepted
June 17 ,1924—LOT 5 BLK 7 EASTON Add. Burlingame. R. Randles to Henry Randles.....June 16, 1924
June 17, 1924—LOT 26 BLK 39 EASton Add Burlingame No. 3, Burlingame. E. Sprague to Tlermo-Crete Construction Co. .....June 17, 1924
June 17, 1924—PART LOT 7 AND Add 6 Blk 2 West End Homestead Association, Daly City. Homestead Realty Co. to whom it may concern .....June 16, 1924
June 18, 1924—N 35 LOT 7 BLK 11 East San Mateo. Florence E. Parsons to Charles W. Parsons.....
.....June 17, 1924
June 17, 1924 — PART LOTS 11 & 12 Blk 2 West End Home Homestead Assn, Daly City. Homestead Realty Co. to whom it may concern.....
.....June 16, 1924
June 19, 1924—LOT 3 BLK 8 EASton, Burlingame. Guido Martinuzzi and Leana Martinuzi to Crichton & Warren .....June 18, 1924
June 20, 1924—LOT 8 BLK 10 BURlingame Park, Burlingame. Forster R. and Mary Laura M. Smith to Robert H. Brydon .....
June 20, 1924—LOT 210 SAN MATEO Park, San Mateo. Ross R. West to Taylor & Goericke.....June 10, 1924
June 20, 1924—LOTS 1 & 2 FAIR Oaks Half Acres. Chas. H. Beckman to whom it may concern....
.....June 14, 1924
June 20, 1924—LOT 6 BLK 28 EASton No. 2 Burlingame. D. H. & Etty Crawford to Ivar D. Peterson
.....June 20, 1924
June 20, 1924—LOT 19 BLK 6 VILLA Park, Burlingame. Richard Ash to Ivar D. Peterson.....June 20, 1924
June 20, 1924—LOT 19 BLK 7, Burlingame. Edna E. Parr & Sorca E. Olin to Charlie Hammer and Hugo Hultberg .....June 18, 1924
June 21, 1924—PART LOT 59 SUB NO. 1 San Mateo Park, San Mateo. Anglo California Trust Company to Dowsett & Ruhl .....

LIENS FILED

SAN MATEO COUNTY

Recorded Amount
June 21, 1924—N ½ SEC 33 LOT NO. 2 E ½ of NE ¼ Sec 32 T 8 S R 4 W SE ¼ & E ½ of SW ¼ Sec 22 S ½ of S ½ of Sec 23, N ½ of NE ¼ & NW ¼ of Sec 26 Sec 27 & E ½ of NE ½ & SW ¼ of NE ¼ of Sec 28 T 8 S R 4 W. R. C. Porter vs W. M. Griffin and Campbell, Redwood Lumber Company $1486.60
June 23, 1924—LOT 8 BLK 5 VILLA Park 4th Ave, Burlingame. Myer C. Gass vs Jane Doe Waldon and Jane Doe Gildea $125

RELEASE OF LIENS

SAN MATEO COUNTY

Recorded Amount
June 18, 1924—SW CORNER STATE Highway and Florbunda Ave., Hillsborough. John Gibsen to A. J. Kusche et al $90

BUILDING CONTRACTS

SAN RAFAEL, MARIN COUNTY

DWELLING, one-story frame, $3000; Second St., San Rafael; owner, G. Bottini.
STORE and dwelling, $8000; Fourth St. opp. Cijos St., San Rafael; owner, E. J. Healy, San Rafael; architect, Thos. O'Connor, San Rafael; contractor, Frank Howard Allen, San Anselmo.
DWELLING, one-story frame, $4000; No. 107 First St., San Rafael; owner, A. Caletti, San Rafael; architect and contractor, Albert W. Leather, Sausalito.
DWELLING, one-story frame, $4000; J and Center Sts., San Rafael; owner, John F. Ryan, 208 Lincoln Ave., San Rafael; architect, Charles P. Ryan, 208 Lincoln Ave., San Rafael.
DWELLING, one-story frame, $5000; Mission and DeHiery Sts., San Rafael; owner, Vestry St. Paul's Church, San Rafael; contractor, Frank Howard Allen, San Anselmo
DWELLING, one-story frame, $5000; Levy Tract, 4th St., San Rafael; owner and contractor, M. A. Miller, San Anselmo.
ADDITION, two-story frame building, $8750; Coleman School, San Rafael owner, Board of Education; contractor, M. Linggi, Fairfax.
DWELLING, one-story frame, $1800; Lot 9, Martin Tract, San Rafael; owner, A. J. Barnes, San Rafael; contractor, T. J. Fitzmorris, San Rafael.
ADDITION to hospital, $2500; No. 20 Nye St., San Rafael; owner, Mrs. E. Simmons, Cottage Hospital, San Rafael; contractor, J. Faggiano, Brookdale Ave., San Rafael.
DWELLING, one-story frame, $4200; Lot No. 6, Short's Addition, San Rafael; owner, A. Christensen, San Rafael; architect, Tom O'Connor, San Rafael; contractor, A. Chirstensen, San Rafael.
DWELLING, one-story frame, $1500; Jessup St. near East St., San Rafael; owner, A. K. Glaser, 111 West End Ave., San Rafael; architect, V. Becker, 115 West End Ave., San Rafael; contractor, Carminati & Becker, San Rafael.

BUILDING CONTRACTS

CONTRA COSTA COUNTY

DWELLING, 1-story frame, $3000; E 8th bet. Barrett and Ripley, Richmond; owner, D. H. Saunders, 329 6th St, Richmond; contractor, Griffen & Bennett, gen. del. Richmond.
DWELLINGS, two, 1-story frame, $5700 S Gaynor bet. 23rd & 24th, Richmond; owner, John Freethy, 224 16th, Richmond; contractor, The Miner Co., 2234 Macdonald Ave., Richmond.

BUILDING CONTRACTS

SANTA CLARA COUNTY

DWELLING
LOTS 19 & 20 CHERRY LAND TRACT County Santa Clara. 2-story frame dwelling house and 1-story garage
Owner—Dr. R. A. Whiffen, 155 So. 8th St., San Jose.
Architect—Warren Skillings, G. C. Bk. Bldg., San Jose.
Contractor—E. Nommensen, 101 S 16th San Jose.
Filed June 19, 1924. Dated June 18, 1924
Frame up & rough boarded..$4000
2nd coat plaster on 4000
Completed and accepted 4000
Usual 35 days 4000
TOTAL COST, $16,000
Bond, $8000; Sureties, Wm. F. Serpa & Jas. H. Quinby; Forfeit, none; Limit, 90 working days; Plans and specifications filed.

ALTERATIONS
SOUTHEAST COR. FIRST & FOUNtain St. and addition on Fountain St., San Jose. Alterations and additions to building.
Owner—Max Blum, 18 So. 1st St., San Jose.
Architect—Herman B. Krause, Bord & Palm, San Jose.
Contractor—H A. Bridges and H. Munton, Pine and Lincoln, San Jose.
Filed June 19, 1924. Dated June 10, 1924
1st & 15th each month.....75%
Usual 35 days 25%
TOTAL COST $27,248
Bond, Forfeit, none; Limit, 62 working days from and after June 10; Plans and specifications filed.

HOUSE
SE CORNER BRYANT ST & EVERETT Ave 50 ft. on Bryant St. and 100 ft on Everett Ave. Pt. Blk 19 City of Palo Alto. All work for house.
Owner—Eva R. Umphreys, 342 High St. Palo Alto.
Architect—None.
Contractor—Wells P. Goodenough, 310 University Ave., Palo Alto.
Filed June 19, 1924. Dated June 17, 1924
The owner is to deposit to the credit of the contractor, with the Bank of Palo Alto, $1500 two days before actual work is started and such other monies as are needed, within 48 hours from the time of notification A monthly statement is to be furnished the owner, together with all receipted bills attached. The above cost of bldg. is made up as follows:
Labor and materials $6679
Contractor's commission..... 533
Should job exceed total cost of $7212 the average is to be paid by the contractor and should job run less than $7212 the difference will be received by the owner. Contractors commission of $533 remains a fixed fee.
TOTAL COST, $7212
Bond, Forfeit, none; Limit, 75 working days; Plans and specifications filed.

COTTAGE, 5-room, $3800; 9th near Julian, San Jose; owner, L. C. Rossi, Keller Ave., San Jose; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, L. C. Rossi, Keller Ave., San Jose.
COTTAGE, 5-room, $3800; 9th near Reed San Jose; owner, The Rev. F. Linder; architect, B. J. Smith, Schiele Ave., San Jose.
COTTAGE, 5-room, $2800; Bird near Atlanta, San Jose; owner, M. King, Bird near Atlanta, San Jose; designer and contractor, B. J Smith, Schiele Ave., San Jose.
RESIDENCE, 1½-story 6-room, $7000 15th near William, San Jose; owner The Misses Tormey, 589 S 15th, San Jose; architect, Wolfe & Higgins, Auzerais Bldg., San Jose; contractor, Alfred Jones, Snout Bldg., San Jose.
COTTAGE, 3-room, $1000; Prevost near Brown, San Jose; owner, R. Comello, Prevost near Brown, San Jose; contractor, G. Gaulier, San Jose.

COMPLETION NOTICES

SANTA CLARA COUNTY

Recorded Accepted
June 16, 1924—LOT 13 Map Dunne's Sub of Blk. 18, Cook & Branham's Add'n, San Jose. Carlo Firato to whom it may concern..June 16, 1924
June 16, 1924—BEG AT PT. 80 ft. S 11° 12' E from intersection of S line San Augustine St and E line S. P. R. R. right of way, San Jose, Pacific Gas & Electric Co to W Heidt Cornice Works...June 10, 1924
June 17, 1924—LOT 3 BLK 4 S Range 2 West 44 ft. 6 in., Town of Santa Clara. R E Tremaine to Geo L Honore.....May 20, 1924
June 18, 1924—LOT 17 BLK 14, Evergreen Park, County of Santa Clara. L E Kingham to whom it may concern.....June 17, 1924
June 18, 1924—NE FULTON ST. 100 SE Fulton SE Kinksly Ave., etc., being Ptn Lot 19 Blk 97, San Jose. Harry H Dabinett to whom it may concern.....June 17, 1924
June 18, 1924—LOT 29 less N 4 ft. Blk 2, Map Mrs. Helen L Beal Ptn Blk 2, Clayton & Beal Sub in Lots 23 and 24, Rancho de Los Coches. E D Minton to whom it may concern.....June 18, 1924
June 19, 1924—PARCEL 8, as described in Deed from M. E. Lennon to T Keller Bk 566 of Deeds Page 188, Santa Clara County. Forrest F and A Irene Van Dorsten to whom it may concern..June 16, 1924
June 19, 1924—PARCEL 22 as described in Deed Dec. 8, 1922, by M E Lennon to T Keller Bk 566 Deeds Page 188, Santa Clara County. A W Laederich to whom it may concern.....June 16, 1924
June 19, 1924—E SEVENTH 180.115 N from pt intersection of said E line of 7th St. with N line Keyes St., San Jose. James C Carpenter to whom it may concern..June 18, '24
June, 19 1924—NE HIGH being Ptn Lot 27, all Lot 28, ½ Lot 29 Blk A, Palo Alto. Sarah J Kimball to whom it may concern..June 12, 1924
June 19 1924—PTN LOT 87, Los Coches Rancho, Santa Clara Co. J Samuel Staub to Tom J Lannin.. .....June 18, 1924
June 20, 1924—LOT 8 BLK 2 as delineated on Barrett & Mack Sub of Lots 23 and 24, Odd Fellows Svgs Bank Tract, San Jose. Arthur L Crosby to whom it may concern.. .....June 14, 1924
June 20, 1924—MT. VIEW UNION High School Site, Mt. View. Mt. View Union High School District to Fink & Schindler Co, June 2; D N & E Walter & Co, June 2; Wm F Verpa.....June 2, 1924
June 21, 1924—LOT 14 BLK 1, Acacia Park, San Jose. J Alfred and Evelyn Fisher to Carl C Maurer.. .....June 20, 1924
June 21, 1924—LOT 24 Myrtle Park Tract, San Jose. M J Haas to whom it may concern.....June 14, 1924
June 23, 1924—LOT 10 BLK N Being Subdivision of Blk J City of Palo Alto. Arthur Drolet to whom it may concern .....June 20, 1924
June 23, 1924—FRONTAGE OF 46 FT m or l on s side E Sta. Clara St. by depth 97 ft E side 10th St SE cor 10th & Sta Clara, ptn Lot 2 Blk 1 R 11 no. N. S. Jackson to H. A. Bridges .....May 20, 1924
June 23, 1924—LOT 23 BLK C Map Pauline Tract in Town Sunnyvale, L Maps pg 55. Lydia E. Robinson to John D. Robinson.....June 23, 1924
June 23, 1924—PT. BLK. 30 MAP OF Vineyard Homestead Assn. Jas. W. Carpenter to whom it may concern .....June 20, 1924

CRUDE FELDSPAR PRODUCTION

The Department of the Interior, through the Geological Survey, has estimated from reports received directly from the producers that the crude feldspar sold in the United States in 1923 amounted to 140,700 long tons valued at $1,035,000, or $7.36 a ton. These figures show an increase of 20 per cent in quantity and 23 per cent in value as compared with 1922. North Carolina was the leading State, reporting 40 per cent of the quantity sold; Maine was second, with 18 per cent; and New Hampshire was third, with 15 per cent.

The average price per long ton in North Carolina was $6.34; in Maine it was $9.20; and in New Hampshire it was $7.48.

Feldspar is used principally in the manufacture of high-grade pottery and enameling.

CALIFORNIA ROAD SIGNS

Each yellow diamond road sign in Northern and Central California is a monument to a membership in the California State Automobile Association which has erected over 42,000 of these signs at a total cost of $300,000, according to Motor Land, the Pacific Coast magazine of motoring.

In the erection of California's road signing system, the State Automobile Association has expended over $225,000 of its members' funds, Motor Land says, and the various counties have contributed approximately $75,000, less than 25 per cent of the total cost, on behalf of the general motoring public.

In addition to its initial investment in the cost of erection, Motor Land states that the Automobile Association has assumed the entire cost of maintenance, which now exceeds $30,000 annually.

BIDS ARE INVITED ON ALASKA TIMBER

Bids are invited by the Chicago Title & Trust Co., trustee in bankruptcy for the Harry A. Massey Co., and proposals will be received at 69 W. Washington street, Chicago, for the purchase of 643 acres of timber on the south bank of Skeena river, 2 miles west of Skeena Crossing in the Cassier district, Alaska.

The timber stand is estimated at 7,000,000 feet, chiefly spruce, hemlock and cedar, suitable for poles and ties.

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Silkenwhite Enamel
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FRESNO	LONG BEACH	SANTA ANA	SALT LAKE CITY	YAKIMA